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# BIHAR PEASANT LIFE,

BEING

### A DISCURSIVE CATALOGUE

OF THE

Surroundings of the people of that province,

WITH MANY ILLUSTRATIONS FROM PHOTOGRAPHS TAKEN BY THE AUTHOR.

Prepared (in 1885), under Orders of the Government of Bengal,

BY

SIR GEORGE A. GRIERSON, I.C.S., (RETD.), K.C.I.E., M.A.S.B., M.R.A.S.

FELLOW OF THE UNIVERSITY OF CALCUTTA: FORMERLY SANSKRIT AND HINDUSTANI EXHIBITIONER, TRINITY COLLEGE, DUBLIN.

SECOND AND REVISED EDITION.



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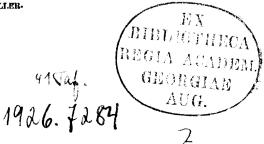
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## Sir Augustus Kivers Thompson,

K.C.S.I., C.I.E.

IN GRATEFUL ACKNOWLEDGMENT
OF THAT COUNTENANCE AND ASSISTANCE WITHOUT WHICH IT
WOULD NEVER HAVE BEEN WRITTEN.

### THIS BOOK

IS DEDICATED

 $\mathbf{B}\mathbf{Y}$ 

THE AUTHOR.

Bankipore, 4th April 1885.

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### FOREWORD.

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The first edition of Sir George Grierson's "Bihar Peasant Life" was published under the orders of the Government of Bengal in 1885, and has for many years past been out of print. This second edition has been prepared under the orders of the Government of Bihar and Orissa, in consultation with Sir George Grierson, in order to place this valuable book again within the reach of its own officers and of the public. The book was compiled by Sir George Grierson during the early years of his service in Bihar, and has since attracted the attention of scholars in all parts of the world. Local customs are continually changing under modern influences, and Sir George Grierson's account of the everyday life of the Bihar pesantry in the latter half of the Nineteenth Century, may be expected to possess increasing importance as time passes. The first edition was copiously illustrated with lithographed plates and woodcuts taken from photographs; these original plates have been reproduced by the zincograph process. The reading of the proof was entrusted to Rai Bahadur Shyam Narayan Singh, o.B.E., who was assisted by Professor Radha Krishna Jha of the Bihar and Orissa Educational Service. The thanks of Government are due to both these gentlemen for the care which they have taken to produce an accurate reprint of the original edition.

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### INTRODUCTION.

While this work professes to be a catalogue of the names used by the Bihar peasant for the things surrounding him in his daily life, yet, in order to relieve the dryness which such a mere list would possess, the writer has attempted to give a description, more or less complete, of that life and of its character and incidents. The book is in fact a discursive catalogue and it is hoped that it may serve as a solid foundation for more elaborate disquisitions on the Bihar raiyat and his surroundings.

Such a work as this is nothing if not accurate, and no ordinary pains have been spared to compass the greatest accuracy possible. Existing treatises on Indian rural life are not always trustworthy; and as it is impossible to tell what is and what is not correct in them, the writer has avoided taking them as the ground work of his compilation. Every word in this book has been collected from the mouths of the people, and noted on the spot where it was spoken, either by the writer himself or by one of his assistants. When the work began to assume shape, it was carefully compared with every available book of reference and where discrepancies occurred, they were either reconsiled or explained. Finally the proof-sheets have been circulated to all the Bihar districts, and have been again checked on the spot by competent observers, different from the original persons who collected the materials on which the book was founded.\*

So far, therefore, as its contents go, this book may claim to be entirely original, and the writer hopes, to a certain degree, accurate. No originality can, however, be claimed for its general system and arrangement. This is closely modelled on Mr. Crooke's "Materials for a Rural and Agricultural Glossary of the North-Western Provinces

<sup>\*</sup> The writer would here tender his thanks to the various district officers of Bihar, who have spared no trouble in having this local checking performed in a satisfactory manner. The amount of new information gained, and of mistakes and misprints corrected through their help, has been very considerable.

and Oudh." The writer has followed him very closely in the arrangement of his matter, and in many cases has not scrupled to use his very words when they were the most suitable that could be adopted. The vernacular words embodied in this book have in fact been brought together from two sources, viz., the writer's own private researches during the past seven years, checked and supplemented by actual translations of the words given by Mr. Crooke's work made by the writer's assistants once and sometimes twice over in every district of Bihar. It will thus be seen how much the writer is indebted to the latter gentleman. Mr. Crooke's book differed from the present work in being to some extent a compilation from existing dictionaries; and as these were not all of them as accurate as could be wished, it was impossible that it should not contain some mistakes. But as one who has probably worked through it with more minute attention than most people, the writer gladly bears witness to its general accuracy. This may be considered as really wonderful, when the extremely slovenly scholarship of some of the books on which Mr. Crooke had to depend is taken into account.

In the present work every native word is written twice over—once with accuracy in the native character for those who are able to read it and once in the English character for those who are not acquainted with the Indian vernaculars. This transliteration does not pretend to be scientifically accurate. Such a transliteration with its discritical dots and dashes would only puzzle those for whom it is intended, viz., those who are ignorant of the language. All that has been attempted for them is to give them a general idea of the correct pronunciation of the words, without professing to tell them the exact pronunciation which they hardly require, and which would be difficult to do. For these persons all that is necessary is that they should pronounce the vowels as in Italian, and the consonants as in English, and they will then approach sufficiently near to the way in which the natives themselves pronounce the words.† For those who are acquainted with the

<sup>\*</sup>Allahabad, 1879. Printed at the North-Western Provinces and Oudh Government Press. The writer would take this opportunity of acknowledging his indebtedness to Mr. Crooke for this really admirable work. Without it the present book could never have been written without an expenditure of labour which few district officials like the writer would have been able to bestow.

<sup>†</sup> The system of transliteration adopted may be briefly described as the Jonesian system, with every possible discritical mark omitted. In pursuance of this the cerebral letters are given no dots, and, as nearly every final vowel is long the long mark has been omitted from final vowels.

vernacular languages, no instructions for pronouncing the words in their vernacular dress are necessary

In quoting Arabic and Persian words in the Nagri character, the dots, which are sometimes used to indicate an original z, &c., are omitted, for the reason that the words are given as they are pronounced in Bihar, and that all the dots in the world will not make a Bihari pronounce a z as other than j, or sad as other than s.

In order to understand the meaning of the words which the writer has used to express locality, it is necessary to explain that, under the name Tirhut, he has included the whole tract which lies between the river Gandak on the west and the river Kosi on the east and which is bounded on the north by the Nepal frontier and on the south by the Ganges. He, therefore, indicates under this term not only the districts of Muzaffarpur and Darbhanga, but also North Bhagalpur and North Munger (Monghyr). This was rendered necessary by the language of these latter tracts being practically the same as that of Darbhanga. By North-West Tirhut he means the Sitamarhi and Sadr subdivisions of Muzaffarpur; by South-West Tirhut, the subdivision of Hajipur by North-East Tirhut, the Sadr and Madhubani subd visions of Darbhanga and the Supaul subdivision of North Bhagalpur; and by South-East Tirhut, the Tajpur subdivision of Darbhanga. North Munger, and the Madaipura subdivision of North Bhagalpur. By North Bihar he means all Bihar north of the Ganges, and by South Bihar all Bihar south of it. When he speaks of the east or the west, the north-east or the north-west, he means, of course, the east, west, north-east, and north-west respectively of Bihar.

One more word of warning regarding these localities. When the writer says that a word is used in a certain place, he does not mean by implication that it is not used anywhere else. He means simply that the word has been noted by him in such and such a place, and not elsewhere. That it may be used elsewhere is very possible, and any notes on this or kindred topics addressed to the writer, care of the Secretary to the Bihar and Orissa Government, Revenue and General Departments, will be gladly welcomed.

Regarding the illustrations, they are all (with one or two small exceptions) lithographed or cut on wood from photographs taken by the writer, who is glad to be able to thank Mr. Schaumburg and the students of the Government School of Art, Calcutta, for the excellent pictures they have produced out of what, he must confess, were too often

very indifferent photographs.\* The difficulties experienced by the \* writer in taking some of these pictures were great. The most ludicrous reports spread through the city concerning his work. The camera of course was looked upon as a fearful engine of destruction, and sometimes half an hour has been wasted in futile diplomacy to persuade an old lady to allow the lens to be pointed at her. Under these circumstances photographs had almost always to be taken by the instantaneous process, which, however certain it may be in the hands of the professional, frequently disappoints the mere amateur. The last photograph the writer took—that of a native house—was spoilt because the grandmother of the family refused to allow any of the children to appear in the picture, her reason being that the Government was building the bridge across the Gandak and wanted children to bury under its foundations. Just, however, as the plate was exposed, one of the little boys determined to immortalize himself, and leaped in front of the lens to the dismay of the female members of his family. He had his wish in appearing in the picture, but he was so near the lens that he covered half of it with his shoulders. On other occasions the writer was believed to be collecting carts and boats for the Egyptian war, or to be counting the wells in the country, because he knew a famine was approaching, and so on ad intinitum. However, the pictures were finally taken, and, such as they are, are certainly accurate representations of the originals.

In conclusion the writer has to draw attention to the thoroughness and accuracy with which his assistants, Munshi Dilawar Ali and Munshi Moti Lal have done their portion of the work. The former has, the writer much regrets to say, died since the above was first written. The latter has been his assistant to the last, and the writer begs to record his high sense of his industry and intelligence, and to recommend his services to the favourable notice of Government.

<sup>\*</sup> This refers to the illustrations of the first Edition.

### ADDENDA ET CORRIGENDA.

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Page 1-
                                                उँग ।
  Section
                       ਰੌਂਗ
                                    read
            2.
                For
                                               Khutahrá.
                       Khutahra
                       lawtha
                                               lawthá.
               After is put a full stop.
            5.
Page 2.--
                           परिष्टन
  Section 7 line 5.
                     For
                                     read
                                            परिश्वनः
                           बरेइन
                                            बरेन।
         12
Page 4-
  Section
            19.
                  For
                        महादयो
                                   read
                                           मश्रद खो।
Page 5-
                                            पचीरा।
   Section 27.
                 For
                       कस्रोश
                                     read
                       Pharsa
                                            Pharsa.
                                            भाम !
                      भाम
                                      ,,
                       चोभी
                                            व्याभी।
                                      "
Page 6-
   Section 29.
                For Mūtha read Mūthā.
Page 7.-
   Section
            31.
                 For
                        Dobarda
                                   read
                                          Dobardā.
            33.
                        halling
                                          hauling.
                                    ,,
            33.
                        वर्षडी
                                          मडक्डी।
     ,,
                                    ,,
            34.
                        Khadhaa
                                           Khadahā.
Page 9-
            39.
   Section
                 For
                        Tarchhi
                                  read
                                         tarchhi.
                        tagārr
                                         tagāri.
                                   ,,
            40.
                        laraba
                                          larahā.
                                   ,,
            43.
                        खोड़ो
                                         चोड़ी।
                                   ,,
 Page 10-
 Section 44.
               For
                     mauuniyā
                                         mauniyā.
                                  read
                                         खँचीजी।
                      खचोत्री
                ,,
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Page 11-					
Section	45.	$\mathbf{For}$	<b>tetal</b>	read	betel.
22	46.	"	<b>taraj</b> u	,,	tarāju.
		"	tar <b>a</b> jui	,,	tarājui.
•	49.	31	भौकी	"	भौंकी।
,,	<b>5</b> 0.	<b>3</b> )	tarchha	"	tarohā.
		,,	tāpā	)) ((	tāp.
"	53.	"	भाङ्ग्रा	"	भाड्,चा।
		,,	संघन	"	स्थिन।
		,,	बोढन	,	बोएन ।
			बोर्गी	,,	बोढ,नी ।
,,	55.	,,	oor	"	floor.
Page 12—					
Section	<b>57.</b>	$\mathbf{For}$	खरां	re	ad <b>खर</b> ि।
		,,	<b>भटें</b> गौ		" मटें गै।
,	58.	,,	<b>दब</b>		,, ट्व।
,,	60.	,,	पासें ङ्ग् P	āsaunga	" पासङ्ग pāsanga.
Page 13—					
Section	66.	$\mathbf{For}$	ठें क्चास	read	<b>विक्षास</b> ।
Page 14-					
Section	66.	For	गुवती	read	गुबेती।
,,	<b>69.</b>	,,	घै अवल	,	धै आवता।
Page 15—					
Section	71.	$\mathbf{For}$	भोपड़ी	read	<b>कोँपड़ी</b> ।
,,		"	खोपड़ी	"	खोँपड़ी।
"	72.	,,	pal <b>ani</b>	"	palāni.
	73.	,,	वघरा	"	वधरी।
		,,	<b>द</b> तूला	,,	दंतूजा।
"	77.	,,	कोंडी	,,	कोठी।
		,,	गोको	,,	गोली।
		,,	खता	<b>))</b>	खाता।
<b>&gt;&gt;</b>	79.	,,	covor	"	cover,

_				LV.
80.	$\mathbf{For}$	मुच	$\mathbf{read}$	मुँ 🛭 ।
82.	,,	सिली	"	<b>चि</b> ह्नी ।
8 <b>3.</b>	,,	मटका	"	मटुका।
	"	कूड़ी	,,	<b>कू</b> ँड़ी।
86.	,,	गँड़ास	"	गंड्रास ।
90.	"	खरी	,,	खुरौ ।
95.	,,	for	,,	four.
	,,	<u>डोबो</u>	"	<b>डी</b> बी ।
	22	कंट वो	"	र्षंटे लो ।
106.	"	vicions	<b>,,</b>	vicious.
		mungeri	,,	mungri.
113.	<b>))</b>	गरौघन्	,,	गरौँ धन् ।
115.	,,	रस्मा	"	रस्या ।
116.	"	नधन्	"	<b>न</b> घान् ।
120.	"	गत्।	"	गात्।
	"	पगार्	"	पँगार ।
134.	,, '	obŗā	>>	tobŗā.
-				
ote	For	वैसान कूइ क	<b>इ तङ्गी</b> rea	ıd वैसान कूहे कूहे ताली
137.	For	रष	read	रास ।
139.	3)	कोष्ट	"	कोद्याः।
	"	nadyā	,	nadiyā.
142	,,	मथर्द	"	मथाई।
143	"	मठमच्न	,,	मटमहर्गा।
144	٠,	<b>महौंना</b> ma	tonni "	महौंनी mahonni.
148	"	घोड् <b>बद्दल</b> ्	"	घोड़ बच्चल्
149	"	<b>दोवरदा</b>	,,	दीवरदा।
154	,,	वैली	,,	बे सि
155	"	चौ इया	,,	जो दिया।
156	,,	भर्	,,	भूर्।
		डोकनी	1)	<b>दाकनी</b> ।
164		<b>மாகெய</b> ா		फरिक्सी।
	,•	4/13/04/	"	गर(भावार)
	83.  86. 90. 95.  106.  113. 115. 116. 120.  134.  142. 143. 144. 148. 149. 154. 155. 156.	82.	82. , सिली 83. , मटका	82. , सिली , , , , , , , , , , , , , , , , , , ,

Section	ı	For	चिंघी	read	चि <sup>•</sup> घी
"	169	,,	<b>पे ज</b> नी	"	प्रजनी
,	182	. ,,	माचौ	, ,,	माँची।
,,	188	,,	gur <b>y</b> a	<b>3</b> )	guriyā.
,,	203	"	tekanî	,,	tekānī.
"	204	,,	ते तीलथा	"	ते तिविया।
•,	221	,.	<b>प्री</b>	"	भूरी।
1,	224	"	ঢালুঝা	"	ढाँजूयां ।
<b>;</b> }	224	,,	hhūnt <b>ā</b>	,,	khuntā.
,,	226	,,	टिक्टौ	<b>3</b> 2	ठिक्ठी।
"	231	"	<b>डोर</b> ट्	"	डोएट्।
,,	232	,,	खोलवे या	,,	खोवनैया।
,,	<b>. 233</b>	,,	tharbātā	"	tharbatā.
		"	गुञ्का	,,	गुच्छा।
		,,	dew <b>a</b> l	"	dewāl.
		"	urhrha	y	urhrhā.
		,,	lawa	` ,,	le <b>w</b> ä.
		,,	mariya	"	mariyā.
99	238	"	दरसूघा	"	हरस्रुधा ।
Pege 44-					
Foot r	10 <b>t</b> e	<b>F</b> or	<b>ত্তি</b> ঘা	read	खेवा ।
Section	n 251	,,	कूढ़	,,	कूँ ए।
		ń	म्र्डी	"	मृ हो।
,,	256	"	mohun	,,	monhun.
		"	मुङ्बारी	,,	म् इवारौ।
		12	पूछी	,,	पूँकी।
"	260	"	भरगाटी	"	भरनाठी ।
"	261	"	kholsa	"	kholsā:
	•	,,,	<b>ए का</b>	"	<b>ट का।</b>
		"	nath	,,	nāth.
		"	नाटांवे स	"	गाटावैता।
,,	262	"	पौरी	,,	पौरी।
"	263	,,	chhana	"	chhanā.

Section	268	For	hançolo <b>a</b>	read	hanrolwa.
"		"	पींड	,,	भीं 👣 ।
,,	269	,,	मीरवार	,,	मोरवार।
,,	269.	,,	मह्वारी	,,	मुद्रवासी ।
"		"	खोंच	,,	खोच ।
,,		,,	खता	,,	खाता ।
"	270	,,	गुज्जसचाः	<b>)</b> )	गुजसाबाः।
,,		,,	पे ठा	,,	पें हा।
"	274	,,	म,्डी	<b>3</b> )	मृंषी।
,,		9)	<b>ें कुचा</b>	,,	<b>े अहा</b> ।
,,	275	,,	खं दा	,,	खुँटा ।
,,		"	<b>पेटा</b>	,,	में मेंटा ।
"		,,	क्रम्ब	,,	करें वा।
"	276	<b>9</b> 1	टंड्ना	,,	टंड्ना।
,,	•	,,	<b>घरं</b> गौ	,,	बारंगी।
1,	277	٠,	विरचांड़ो	"	खैरपाँडी।
,,		,,	खरचानी"	,,	खरे चालीं।
,,	,	,,	कुड दिया	"	कुर्दंदिया ।
,,	279	,,	काष्	,,	काए।
"		"	वाड़ा	"	काष्ट्रा ।
,,	281	"	टोन्खार्	,,	टौनखार ।
"		"	व्यंगर्वार्	,,	र्षांगरवार ।
,,	285	"	बहरा	,,	बढ़ाइ।
,,	288	,,	<b>ছ</b> टी	"	हें ही।
"	<b>2</b> 92	,,	घुरवटा	·))	<b>हरबट्डा</b> ।
"	<b>295</b>		मौरवाष्ट्	,,	मी रवाच ।
<b>»</b>	<b>30</b> 3	,,	चुत्रभांका	,,	युवाभी का ।
"	316	"	dobha	<b>))</b>	dobhs.
,,	317	"	पटा	,,	पट्टा।
<b>)</b>		,,	पटी	,,	चट्टी।
,,	318	,,	बॉथा	,,	बोचा।
,,	819	,,	सिक्	<b>))</b>	बीदी ।
••	324	,,	būlū mej	,,	bālu mej.
					•

Section	334	For	ध् बुद्धी	read	धतुद्धी ।
. ,,	335	<b>3</b> )	<b>ब्रे</b> टा	,,	पुक्टिटा ।
"	337	,,	पिष्टसरि	,,	प्रिं <b>एसरि</b> ।
"		"	<b>पिड़िया</b>	29	पिढिया ।
,,		"	<b>स</b> ङ्गे	<b>33</b>	सुट्ठौ ।
,,	341	"	पी <b>ड़ा</b>	. ,,	पौढा ।
"		"	पिड़िया	,,	पिढिया ।
"		,,	पिड़ाई	,,	पिटाई ।
1)	<b>34</b> 3	,,	मूड़ी	"	मॅूड़ो ।
"	344	,,	ब् <sup>र</sup> टा	"	खेंटा ।
,,		,,	खूँटी	<b>33</b>	खुँटी ।
,, ,,	345	<b>3</b> )	्र <b>द्यवाल</b>	,,	र्ज्याला।
,, ,,	346	"	<b>दा</b> ड़ी	,,	₹ाठी ।
		23	<b>द</b> ड़िया	,,	इद्या ।
» »	847	,,	मासच	,,	माल्ह।
"	350	,,	पक् च्या	"	टकुषा ।
. ,,	858	,,	<b>कुकुड़ी</b>	,,	कुकुटी।
"		"	<b>ग</b> ठाई	,,	नटाई ।
,. ,.	356	"	ckhar	,	chhār.
. ,,		"	काटवीं	,,	काटवों ।
,	<b>35</b> 6	,,	करिग्रह ह		करिगद्य होष्।
"		••	काटवों	, ,,	काटवोँ।
"		,,	<b>इ</b> घ	,,	द्वाच ।
"		,,	काटवी	"	काटवेँ।
v	361	"	खंड़ा	<b>3</b> )	खूंड़ा।
"	362	,,	मांड	,,	माँड ।
,,		"	मङ्खा	"	मङ्चा ।
· ,		"	कू <sup>*</sup> च	"	ু ব জুব।
"		"	मांना	,,	माँचा ।
,, ,,		"	मांजन	.,	माँजन ।
,,		. ,,	<b>प्</b> ठा	"	घ्दुंठा ।
"		"	ਹਰੀ ਹਰੀ	,, ,,	<b>ढाँ</b> ठा ।
"		"	<b>जरीग</b>	, , , , , , , , , , , , , , , , , , ,	क्रिगञ्च ।

"

Section	n 362	For	तिरि	read	वीरी ।
31		"	<b>छ्</b> छी	,,	क्चिही।
,,		,,	क् च् की	,,	क्की।
2)		,,	<b>चरि</b>	,,	बरौ।
,,		"	विर	,,	वीर ।
,,		,,	पखिषर	"	पखवीर ।
,,		"	तारावन	,,	तरावन ।
23		رد,	पन्नि प <b>न्नि</b>	"	पन्नी ।
"		"	चभेखा	"	चिभेका।
"		,,	गाषौ खूटा	٠,	गकी खूँटा ।
,,		,,	खुटा	,,	खहा।
,,		,,,	kharho	"	kharko.
"		,,	पोर्सार	"	पौँसार ।
"		"	पोसार	,,	पौचार ।
,,	3 <b>65</b>	,,	नोनीयाँ	,,	नोनियाँ ।
"		,,	मोंद्वान	"	मोच्चान ।
<b>3</b> )	370	29	व्यावीसारा	,,	ष्यावीसारा ।
,,	375	"	<b>हें इ</b> वास	"	<b>डेंड्</b> वॉस ।
,,	376	<b>3</b> )	<b>डेर</b> कस	,,	र्ছरकस ।
"	3 <b>77</b>	"	<b>चसु</b> ची	"	र्षसनी ।
,,		,,	<b>इसुवा</b>	,,	ष्टंसुचा ।
33	<b>3</b> 78	,,	गोल्वा	,,	गोलवाँ।
••	379	,,	खंडारा	,,	खँडारा ।
,,	384	".	इजाम	"	इजाम ।
"	<b>3</b> 8 <b>8</b>	"	<b>इ</b> री	,,	<b>छू</b> री ।
<b>"</b> .	389	,,	टे <b>डु</b> चा	"	ठ हुचा ।
,,	<b>8</b> 93	"	वॉन	,,	के ग।
<b>»</b>		<b>,,,</b>	घोवियां	,,	घोविया ।
"	394	"	वखान	"	चखानी ।
<b>))</b> .		"	rukhān	, ,,	rukhānī.
,,	402	"	पबाउ	,,	पकाख"।
"	408	\ <sup>22</sup>	क्षवरोच्ची	<b>,</b>	बतरोष्टी।
23	407	2)	कमर्चयर	,,	कमरसायर ।

Section	407	For	मण्डे	read	मरद्रे ।
<b>)</b> 1	408	,,	<b>टह</b> ा	,,	वेशा।
"		"	पर्वठ	"	परकठ।
"		"	परइठा	,,	परइट्ठा ।
))		"	षकुठ	,,	অক্সিত।
1)		"	सुन्गा	,,	सुन्न ।
,,	409	. ,,	धनमधी	,,	धनमुधी ।
"	414	<b>))</b>	<b>कटभांची</b>	,,	कठभाँची ।
"		"	पु'क	"	मूँक।
"		,,,	की हा ko	uŗa "	कौंटा konrhā.
"		"	बेड्या	,,	वें ड़िया।
"		•)	मं इरजा	भांषी,,	में इंदचा भाषी।
"	<b>41</b> 6	,,	<b>ड</b> ांयकल	"	र्होंघकता।
"		<b>))</b>	क्टकी	,,	<b>ष्ट्</b> क्षी।
"	422	"	व्यघता	,,	व्यवसा ।
"	426	,,	गुनि या	,,	गुनियां ।
,,		"	रविषा	<b>3</b> )	र्व्यित rabbil.
,,	431	2)	कंड़िया	<b>33</b>	र्वंडिया।
22		.,	मु'गरा	"	मुगरा।
,,	489	"	सुर्जनाठी	,,	भुँ जनाठी ।
"	454	"	मं ुष	"	मुँच ।
,,	465	,,	भाड़	,,	<b>भा</b> ष्ट्र ।
"	473	"	चार्दे खन्ह	π "	चादृा <b>द्दं खम्ह</b> ा ।
"		,,	सटका	<i>1</i> ) ·	सटचा ।
"	474	<b>3</b> 3	चिन chin	"	चीन chin.
"	477	"	साटि	<b>))</b> .	<b>चा</b> टौ ।
"	480	,,	विष्टीङ्ग	"	खेडोंगा।
"		<b>))</b>	<b>হি</b> সা	"	टिपना ।
**	487	"	पिष्डिया	,,	पिद्धिया ।
"		"	सिखा	"	खिसा।
"	488	"	भंड़ि <b>इ</b> ।र	"	भें क्रिक्टर ।
٠ ئ	492	"	चपनि	23	चपनी ।
1)	499	read	केंची	before	kainchī.

Section	508	For	डग्डी danti	read	डक्डी dandī.
, ,	511		स्वीरिया	,,	स्रोरिया।
,,	514	"	सोनगढ़ आसीनार	,,	सोनगढु, आसीनार।
•••	516	<b>,.</b>	काम ही	,,	कगम् भौं।
,,		"	बगम् हीं	"	बगम्डौँ।
"	<b>52</b> 0	"	स्वतानी	"	. स्वनौ ।
,,	523	,,	गोलभन्दौ	,,	गोबम् हीं।
,,	527	"	chāha	,,	chāhā.
2.5	529	,,	${f b}$ het ${f h}$ i	,,	bhatthi.
, 17	534	,,	<b>ांच</b> ा	"	<b>ोंस</b> ा ।
,,	542	٠,	सन घोत्रा sandl	hoā "	सोनधाचा sondhoā
,,	<b>54</b> 8	,,	टर्णर	,,	<b>ठ</b> ठे री ।
,,	<b>554</b>	"	घड़ीया <sup>.</sup>	,,	<b>चिड्या</b> ।
,	564	. 21	ख <b>ंकुर</b> ी	,,	अंकुरी।
"	56 <b>5</b>	"	क <b>व</b> ्र	,,	क्लबुद् ।
,,	566	,,	वधवारी	,,	बधबारी ।
"	566	"	<b>क्षोटिव व</b> ंचवारा	,,	क्रोटि वे धवारी।
3)	572.	,,	कुमद्वार	,,	<b>अम्बार</b> ।
,,		"	<b>कुमइ</b> रा	,,	कुम्हरा।
,,		,,	कुमें हैं (न	,,	कुम्बीनी।
,,		"	कुमई इन	,,	कुम्हे इन ।
<b>,,</b>		"	कुमचे नि	,,	कुम्हे नि।
,,	<b>575.</b>	,,	पौ <b>ड़</b>	,,	षी <b>ँड़</b> े।
"		"	पि <b>टु</b> ँरी	,,	पिँद्भुरी।
,,		"	षिष्टु र	,,	पिढ़, र ।
,,	ŏ76.	"	कट <b>य</b> थरी	. >>	कठखण्री।
"		,,	सचा .	<b>3</b> )	सचा।
,,	<b>580.</b>	,,	गांड़ी	,,	<b>बौँड़</b> ी।
,,		,,	कलाबूत Kalabut	,ر ز	कलाबूत Kalabut.
,,		,,	समञ्चा	,,	समृ <b>ष्ट</b> ा।
,,	<b>585.</b>	<b>,,</b>	<b>फोफी</b>	,,	· <b>फोँ</b> फी ।
,,		2)	That	<b>))</b> -	That.
<b>3</b> )		<b>))</b>	<b>सच</b> म्प	<b>,</b> ,	सुचम्पा ।

Section	585.	For	कुलिइया	read	कुल्इया।
<b>3</b> )		,,	Nas pal	,,	Nās pāl.
,,		23	पड्का paraka	,,	पड़ाका parākā.
"		"	चौधड़ा	,,	चौघड़ा।
2)		"	पडुका	,,	पदुका ।
,	592.	,,	तिससी	<b>3</b> )	तिल् <b>ज</b> ो।
"	<b>595.</b>	"	धिरनी	"	विरनी।
,,		٠,	धिरगई	<b>3</b> )	धिरनई।
,,	597.	,,	चतया चरक	,,	इतथा चरक।
,,	602,	"	ग्ससी	,,	गुन्नी।
•	603.	"	क्लसप	;;	कोलसुप।
"	604.	,,	चालनी	>9	चसनी ।
33		,,	टसज	"	द्सल।
22		"	Tâsal	,,	Dūsal.
,,	606.	•	तरक्रो	<b>)</b> ),	तर्ह्ये।
,,	<b>6</b> 09.	"	<b>ज</b> ङ्गीया	"	जँघिया ।
"		,,	ख्टा	"	<b>ख</b> ्डा ।
,,		"	खुन्ता	,,	खुग्टा।
"	612.	"	∎ाड़ी	"	काँड़ी।
22		,,	<b>धु</b> ण्डी	"	घ <b>ए</b> ी।
22	614.	۶.	पक्षीया	"	पुक्टिपा।
29		۱,,	<b>पोंक्</b> रि	"	पोँ हो।
. "	6 <b>16</b> .	"	घन कुटठी	"	धनकुट्टी ।
"	618.	,,	समया	"	समियाँ।
,,	621.	"	खारक्	"	खोँद्र ।
"	624.	"	ट्रगव	"	दू गव ।
,,		,, ব	नकुत्र Jana Kutt	а,,	न तज्ञुङ्ग Jant Kutta.
,,	<b>63</b> 6.	,,	प <b>लंगरौ</b>	,,	पलगरी।
"	638.	"	पटी	,,	पट्टौ ।
"	<b>6</b> 39.	,,	ग्ररांच	7))	अरांच।
,,	643.	"	पसघा	"	पस घा ।
,,		١,,	पासघ	>>	पासँघ।

Section	645.	For	भा कत	read	भा वाता।
,,	646.	٠,	धन ली	,,	् धर्मे जी।
, ,,		,,	<b>ध</b> नीं	<b>33</b> .	धनी।
,,	649.	,	टगनी	,,	टँगनौ ।
,,	651.	23	व <b>द्ध</b> ंगी	,,	वश्वारे ।
"	652.	,,	विङ्ङो	",,	वि इंडी।
,,	654.	79	<b>टें गु</b> री	,,	<b>ट</b> गुरौ ।
"		,,	प्रठी	,,	<b>फट</b> ्ठी ।
"	<b>655.</b>	,,	क्रीगुन बहुत है	,,	में गुन बहुतहें।
"		,,	लाठि	,,	बाठी ।
,,	656:	٠,	<b>पां</b> ती	"	पौँत <u>ी</u>
"	657.	,,	बद्दगी	,•	वर्ष्ट्गी।
,,,		"	विद्या	"	विद्या।
٠,	662.	"	सिघोरा	,,	सिँधींरा।
"		"	<b>चिगीरी</b>	,,	हिँगोरी "
"	666.	"	बटु	"	बट ्ट्र।
,,	<b>6</b> 69.	,,	<b>खं</b> खा <b>द्या</b>	<b>))</b>	<b>खँखरहरा</b> ।
"	677.	,,	ड मा	,,	<b>ड्</b> व्भा ।
"	680.	"	मलशिया	,,	मक्शिवा।
"	685.	"	<b>का</b> करा	,,	कक्तरा।
"	688.	,,	सिङ्गी	"	सिङ्घौ ।
"	<b>6</b> 90.	٠,	डमा	"	ड <b>ब्</b> भा।
"	694.	"	कू <b>ंड</b>	; ,	कूँड़ ।
,,	703.	"	सिउटा	"	<b>ৰিভ</b> 'ঠা।
,,		"	चु टा	, ,,	चृँटा ।
"	701.	"	<b>सं</b> ड्रही	,,	संँड़सी ।
"	708.	,,	पनवटा	,,	पनबट्टा।
"	<b>71</b> 0.	,,	लूड़ा	<b>3</b> )	<b>ज</b> ूँड़ा ।
,,		12	नुड़ा	,,	न <b>्रंड</b> ़ा।
"	711.	,,	पनवटा	"	प <b>न</b> वट्टा ।
•,		,,	सिख <b>च</b> [	<b>3</b> )	सिँखचा।
"	713.	<b>,</b>	<b>म्र</b> ॅंवासका	,,	व्यावस्ता।

Section	n 713.	$\mathbf{F}$ or	कंटिया	read	क टिया।
,,		,,	घेला	"	घंका।
, ,		,,	कू <sup>ं</sup> ख़	,,	कूंड़।
,,		,,	<b>कू</b> ंड़ा	,,	कू ंड़ा
,,		,,	चटी	٠,,	चट्टी।
,,		,,	चांपी Chanmp	i. ,,	चौंपी Chaumpi.
.,		,,	क्षांट.	,,	क्षाँढ, ।
,,		<b>3</b> )	<b>भवद्यी</b>	•,	<b>भाव ह</b> ै।
,,		٠,	टइ या	,,	टुइँथा ।
<b>&gt;</b> >		<b>3</b> )	तरकटा	"	तरकट्टी ।
<b>3</b> )		"	म'गरा।	٠,	सँगरा।
"		3)	मटिया	"	मिटिया ।
. "	•	,,	<b>च</b> 'ड़िया	"	🗨 ँड़िया।
,,		"	इंडोला	<b>)</b> ;	<b>च</b> ंडोला ।
,,	<b>7</b> 15.	"	कंवरह स	"	कवर्डन !
"	718.	,,	दावि	,,	दावि।
"	<b>7</b> 22,	"	घड <b>ें।ची</b>	"	घडौची ।
"	723.	,,	लग्गा	"	जुग्गा।
,,		"	र गा	,,	नुँगा।
,,	724.	,,	दीपटटा	,	दोपटा ।
"	725.	,,	<b>चर</b> पलिया	,,	चरपलिया।
"	726.	,,	<b>लङ्गो</b>	,,	লু <b>দ্দ</b> ী I
<b>)</b>		"	सगीटा	,,	लँगोटा ।
"		<b>,</b> ,	कचा	,,	कच्छा।
,,	727.	<b>))</b>	<b>ज</b> ंधिया	"	ज धिया
"	729.	,,	सुप्टी	,,	सुग्ही।
"	730.	,,	चाहर	"	चह्र।
"	731.	"	लें शाप	<b>3</b> ),	खेइएम ।
"		"	खें दरा	"	खेँ धरा।
,,	733.	,,	च मोक्षा	,,	ष्यँगोक्स ।
"		,,	<b>जुमो</b>	,, र	तूँगी।
. 10	<b>73</b> 5.	,,	Kharaul	,, _ ]	Khorāoni.

Section	<b>73</b> 5.	For	वाधा	read	वाधा ।
,,	<b>7</b> 36.	) <b>)</b>	जनेजग्रा	,,	जनेख्या ।
<b>)</b> ;	<b>7</b> 37.	"	धूससा	,,	घूस्सा ।
		"	ू प <b>चन्द</b> तथी	,,	प <b>चह</b> त्थी
,,		"	क् <b>ष्ट्र</b> तथी	,,	<b>कृह</b> त्यी।
"	740.	,,	खिलूचा	<b>,</b> ,	खिलुच्या ।
. 21			लू गरी	,,	लुगरी।
"		,,	न्रूगरिय	,, ,,	स् गरिये।
,,		,,	जू. जू.गरौ		नुगरी !
,,	741.	;,	च्यं चश	-	ख <b>ँचरा</b> ।
"	141,	,,	बान् ह	"	वस्टि।
,,	743.	"	लं हगा	<b>)</b> ,	लँचगा।
"	1 10.	"	घ'घरा	,	व <sup>°</sup> घरा।
<b>3</b> 7		,,	घ घर	<b>59</b>	च परता घँघर।
"	711	. •	च प्रश्नि <b>य</b> ा	,,	च पर। च्याँ शिवा ।
,,	744. 745.	")	ञाङ्गया चु <sup>°</sup> दरी	,,	ज तापता चुँदरी ।
,		,	-	,,	इ.स. इ.स.
,,	747.	"	इ`गुर -`-चे	"	× थुर। वे निया।
"		,,	वे नीया 	<b>,,</b> .	
,,	748.	,,	कांटा	"	काँटा।
		,,	सञ् <b>जाप</b>	,	सञ्जापः।
"		,,	सजाप	,,	सञ्जापा।
"	<b>74</b> 7.	,,	सि <sup>*</sup> घारा	"	<b>बिँघारा</b> ।
"	<b>750.</b>	,,	सतर च्यो	,	सतर <sup>ड</sup> नी।
>>	<b>25</b> 5.	<b>3</b> ·	बदराक्	"	रुद्राक्ट् ।
,,		,	म्रुगवा	" "	म्ँगवा ।
٠,,		,,	म्र्गा	<b>; 9</b>	म् ँगा ।
"		"	गौप	"	गोप।
,,	756.	,,	च'गुठी	"	षाँगुठी।
,,		,,	र ठूचा	,,	रेँ ठूचा।
,,		,,	ध <b>नद्वा</b> री	,,	धन्हारी।
. ,,		<b>,</b> ,	सुद्दी	,,	म ुँहरी।
,,	757.	2)	प <b>हुन्ती</b>	,,	पँद्युची।

Section	757.	For	तौं'तो	read	त्तै तो ।
"	<b>7</b> 58.	,,	चवा	,,	चावा।
,,	<b>7</b> 59.	,,	घुड्डर	"	घु ँघुर ।
,,		,,	घडू र	"	घ्ँघु <b>र</b> ।
,,	760.	<b>»</b>	च गुंठा	"	च्यंगुठा ।
"	762.	,,	म गटीक	,,	म टीना।
13	763.	,,	<b>क्ट</b> ूञ्की	,,	क् च्की।
"		,,	<b>क्चक्</b> री	"	क् च्की।
,,	764.	,,	खुंटटी	,,	खुट्टी ।
,,		"	<b>भ</b> ूमक	<b>)</b> 1	भाुम्मक ।
,,	<b>7</b> 65.	,,	ज्रान्	"	चुगनु ।
,,		"	इं सुली	"	<b>इँसु</b> खी ।
,,		,,	खिमया	:9	खँभिया।
,,	766.	,,	खंचरी	,,	अँचरी।
,,	767.	,,	बम,्ग्ठा	,,	वसुग्ठा ।
,,		,,	बह्डा	,,	बह्र्ट्टा।
,,		,,	बज्रह्वा	,,	बज्,ह्या ।
"	<b>7</b> 6 <b>8</b> .	,,	वंकना	9)	क किंगा।
,,		,,	क क नी	"	कं कनी।
<b>)</b>		"	क गना	,,	क ँगना।
,,		,,	क मौठी	,,	कंसीठी।
,,		,,	ठोड़ा	"	टो <b>ड्</b> ग ।
"		<b>)</b> ,	वगुरी	, , , , , , , , , , , , , , , , , , ,	वँगुरौ।
,,		,,	बङ्च्डा	٠,	बड्हरा।
,	769	For	<b>ए</b> ठ्,च्या	read	<b>ऐ</b> ठुया
,,		,,	<b>यगुस्ता</b> ना	٠,	च्य <sup>"</sup> गुस्ताना
,,		<b>):</b>	लोभेरुग्रा	,	लोभ <b>र</b> चा
,,		,,	ग्रह्मा	"	<b>चँख्</b> ,चा
,,	779	,,	<b>च्यवरा</b>	,,	च्य <b>ँ</b> वरा
	771	"	विंवगी		किँ किनी
"	·		धु <b>र</b>	27	चु <b>ं</b> चुरू
91 * \$;	772	),	चु <b>र</b> च्यगुटा	,,	चु चुष चा गुठा
2,		"	ज्य शुठ ।	,,	ଅ ଶ୍ରହା

Section	774	For	अ <b>चौग</b> ा	read	<b>च्य</b> ँचौनां
		,,	<b>च्यची</b> नी	)) ))	<b>छ</b> ँचौनी
,,	775	<b>9</b> )	<b>पांच</b> पातर	,,	पँ <b>च</b> पातर
,,		2,	<b>पीख</b> डी	,,	पियङी
,,	777	,,	<b>बिघा</b> स 🐇	٠,,	<b>सिँघासन</b>
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"		1)	<b>चंद</b> रौठा	,,	चँदरौटा
. 23	779	,,	धुपनदाः	,,	धुपद्दान
,,		,,	भूपेडी	,,	धुपेड़ो
,,	781	,,	वापका गरे में गरा	,,	वापक गरें स्रारी
,,	785	,,	वासा	,,	वाका
,,		,,	वासवा	,,	बलवा
"		"	<b>यश</b> सी	"	वसमेखी
,,	786	"	गोरराटी	,,	गोरएटौ
,,		*,	मिठठौ	,,	मिडी
"		"	गेरु	1,	गैक
<b>3</b> >	788	,,	गङ्गधरार	,,	ङ <b>ङ्गबरार</b>
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,,		,,	dira	,,	dirā
,,		,,	dira	"	dirā
,,	<b>78</b> 9	,,	तारी	,,	तरी
,,		•,	वचरम	,,	वहरभूम
"	792	,,	जखर खाषड़	,,	जखर खाबर
,,	793	,,	<b>ठिब</b> च्चा	,,	टिण्हा
"		,	<b>डी</b> क्ला	<b>3</b> 2	<b>डिल्ला</b>
91		,,	टिपुर	,,	टीपु <b>र</b> ्
39		٠,	भीकटीर	,,	<b>क्लिक</b> टीर
**	794	,,	<b>ञ</b> कड़ें स	,,	<b>च्य</b> ँक <b>ड़</b> ेल
"	796	"	<b>क्</b> प्प्र	,,	<b>इ</b> ष्पर
"	797	1)	<b>वि</b> षक ही	"	खिलवही
1,	<b>79</b> 9	"	कोटी	,,	कोड़ी
"		"	कोठी	,,	कोटी

Section	800	$\mathbf{For}$	<b>ख</b> ववर	read	<b>ज्र<b>ॅव</b>र्र</b>
<b>&gt;</b> +	302	,,	वांगर	,,	वाँगर
		,,	वांगर	<b>)</b> )	वाँगर
"	805	,,	<b>ख्यां</b> व	,,	<b>उ</b> खाँव
,,		"	कोरांट	<b>,,</b> .	कोशँट ,
,,	808	,,	कोडार	,,	कोड़ार
,,	814	,,	पेडा	,,	पेड़ा
. >>		<b>3</b> )	<b>के</b> डवारी	"	के <b>ड़वारी</b>
,,		,,	मौकेडा बगी	<b>चा</b> ,,	नौकेड़ा वगीचा
,,		9)	पतियारी	,,,	पँति <b>धार</b> ी
,,		,,	भार	,,	भूर
,,		,,	कांडा	,,	<b>म</b> ाँड़ा
,,		,,	रेहाड़	<b>)</b> ;	रे <b>ड</b> ाड़
,,		,,	रेइडा	,,	रेहड़ा
,,	819	13	<b>दोखा</b> ड	,,	दोखाड़
,,	824	,,	कोडगी	"	को दुनी
,,		,,	काडन	,,	कोड़न
"	825	. ,,	<b>खुंटे <del>इ</del>रा</b>	,,	खुँट हरा
,,	828	,,	<b>ढ</b> ढाइ	,,	<b>उ</b> ढाई
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,,	832	,,	पंरगा	,,	पँरगा
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73		,, ২	हरिय Sangl	ıa <b>r</b> i <b>ya संजञ्च</b>	रिया Sanjhariyā.
,,	841	"	. <b>इ</b> ट्टा	,,	च्ट्रा
. ,,	842	,,	टेपटा	"	र्टे पटा
"		,, उपि	ाया Uphagij	ла ,, <b>उ</b> फं	गिया Uphangiyā.
. `,	844	,,	नाग Jāna	ı ,,	जुन Jana
, ,,		, ,1	कोरंजा	,,	कोरञ्जा Koranja
. 23	846	,,	पेंच	,,	पे <b>ँच</b>
• •		,,	<b>जन</b> पे *चा	,,	<b>ज</b> नपे चा
"		"	भजद्वरिया	,, <b>ਮ</b> 'লছ	रिया bhanjhariyā.
,,		91	મ ં જા	,,	भाँचा bhanjā.
3,		,,	મ ં जैत	· ,·	भँजेत

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Section	843	$\mathbf{For}$	च्यं गवारा	read	<b>अँगवारा</b>
"		"	च्य'गवरिया	"	<b>अँगवरिया</b>
,,	848	,,	गपौरा	,,	गँपौरा
"		,,	क्य डा	,,	काष्ट्र Kandā
"		30	क ष्रा	"	काँड्रा Kaniā
,	851	"	वसा <b>चो</b> ख	,,	वैसाम्रील
,,		"	गोईठा	,,	गोद्रें ठा
,,	853	,,,	पाचव	,,	पाथ् <b>व</b>
"	855	, ))	<b>क्</b> रिटव	,,	<b>क्टौँट</b> व
,,	856	,,	वैया	21	बौया biyā
,,		• ))	<b>अ</b> ववी	<b>9</b> )	म्रब्बी
"	859	"	<b>च्य</b> ववी	<b>»</b>	य <b>ब्बी</b>
,,		,,	निर्वीज	,,	निरवी <del>ज</del>
,,		<b>,</b> ,	भारगी	,,	<b>भ</b> ्रनी
,,	86 <b>7</b>	,,	खुरपियान	,,	ख्रियाना Khurpiyana
,,	868	"	<b>दभ</b> दाहर	2 <b>9</b>	द्रभदाँदर
. ,,	872	,,	भाँच भाँचा	,,	भाँजा भ <b>ाँच</b>
,,	874	,,	गुदार	"	गुदार
,,	875	"	ट्ंगनी	,,	ट्"ागी
,,		"	पाँगल	,,	प <b>ाँगल</b>
,,		,,	<b>ज</b> रवीर	,,	जरक्रोरा Jorchhora
,,	877	,,	सुसुत	,,	सुसुत
,,		"	महुषा	,,	मङ्,व्या
,,	<b>87</b> 8	٠,٠	विनियाँ	,,	विनियाँ
,,		,,	सट्टा mutt	k <b>a</b> ,,	म ट्डा mutthā
,,		,,	<b>च्य</b> ंबासा	,,	<b>छ</b> ँवाँसा
,,	887	,,	<b>मिजनी</b>	<b>)</b> ,	<b>मिँ</b> जनी
,,	<b>8</b> 88	,,	तोडाएव	,,	तौड़। <b>र</b> व
,,	893	"	पू ज	,,	पूँज
"	891	,,	वडहरा	,, _	
,,,	894	,,,,	च्यं ठिया	,,	अँटिखा a tiyā
,		,,	ढलय₁	,	द्सा dhulls
"	895	<b>?</b> >	<b>भसाभज</b> वा	> <b>?</b>	स्यास्तवा bhusabhulba

Section	a 896	For	Jhengra	read	J hen <b>gr</b> ā
<b>3</b> )	<b>89</b> 8	,,	भौंठा	,,	भौंटा bhauntā.
39	900	"	पक्ष्या'	,,	पक्छा
,,	901	"	चगाउ	,,	च्य <b>ाड्</b>
,,	903	,,	मनहरू	"	मनङ्कु <sup>*</sup> डा
"	908	"	प <b>च</b> इ	"	प <b>ँच</b> ई
,	923	<b>3</b> 1	भौकटछा	,,	भीकहा
,,		,,	<b>इमकट</b> ्ठी	"	<b>इमकट</b> ्टी
. ,,		"	<b>क्ट</b> ्ठी	"	<b>छ्</b> ट्टौ
"	916	"	कूथाँ	,,	कूचाँ
"	117	"	भीड़	,,	મૌ ઉં
,,	9 <b>19</b> .	,,	ख <i>ँ</i> ड़ऱ	,,	<b>ख</b> ँड़ <del>डू</del>
,,	922	<b>3</b> )	सीत	,,	<b>घ</b> ाँत
"	922	,, t	निचार panihar	"	पिन्हा panihā.
"	923	,,	<b>जल</b> घर	,,	जलधर्
"	938	"	षोट	,,	<b>লী</b> ত
"		"	লম্বন্ধ	"	<b>जह्</b> ड
,,	939	,,	गोडपौटा	,,	गोड़पौठा
,,	940	,,	घरद्रै	,,	धुरद्रं
<b>3</b> )	943	,,	<b>ढ़रनिश्चार</b>	<b>&gt;9</b>	<b></b>
,,		,,	मोठएरवा	,,	मीटारवा
"	951	<b>3</b> )	खनौँचा anana	,,	स्रनीसा ananā.
"	9 <b>57</b>	,,	त्रञ्जा	"	र्गं कुंठा
<b>3</b> )		"	रेड़लवा	,,	रेँड्लबा
3)		"	ટે મૌ	,,	<b>ટ</b> ાઁમૌ
"	958	"	टु गना	"	ट, गना
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"		,,	सुब	"	<b>स</b> ँ <b>ए</b>
"		"		,	सूँग
• 2)	963	"	Usina	<b>,</b>	Usinā
99		<b>3</b> )	्र <b>सग</b> ि	"	उसना Usanā
"		"		"	पोग्रार
12.	964	22 >	एक	,,	एको

Section	965	For	प्राक	read	पाकी
"		,,	भाटिन	,,	<b>भ</b> ौटिन
"		,,	स्त्राची	"	वाँजी
		"	स्निगरा	,,	सिँगरा
"	966	"	करगा	,,	करँगा
		,,	भुँ इसीकर	<b>9</b> 1	भुइसि <b>कर</b>
9)	967.	,,	करगा	"	क रंगा।
,,	972.	,,	दुघ <b>रा</b> ज	"	दुधराण।
31	973.	,,	भे ङकावर	•,	भें डकावर।
,,		,,	लोगचुरा	;,	को गचूरा।
,,,	975.	"	वराटी	"	<b>बराटी</b> ।
,,		"	संत्रहा	,,	सं क्या।
,,	931.	,,	खिसकटटी	,,	खिलकट्टी।
"		1,	खिलतीएन	,,	क्रीलतीड्व ।
"	982.	,,	<b>च्राटी</b>	"	चाँटी।
,,		<b>3</b> )	<b>च्चटि</b> या	"	च दिया।
"	984.	,	संचा	"	सम्बा।
"			<b>दघघोटट</b>	"	दुधघोट् <i>ट</i> ू।
"	985.	"	गे इच्चा	"	गें इ.चा।
"	986.	,,	ाग्रज्ञ	,,	<b>प्ट</b> ्ठा ।
,,			गाच	"	মাঁল।
,,			खमङ्ख	"	खम् शर्।
,,			काङ्	"	काँड़ ।
"	98 <b>7.</b>	,,	मु ईया	"	सुरवा ।
,,		**	वभार	٠,	वष्कतकु ।
**		"	भोपा	<b>19</b> .	घोँपा Ghonpa.
,,	989.	"	खावा	53	खाँगा ।
"	990.	"	संपूर्णा	,,,	मँ पुर्वा। mançuā.
, ,,		,,	बाटी	,	' <b>प</b> ठिरे ।
>>		,,	भौज	وزو	भेष।
,,		"	में	"	में ।
29	994.	,,	वाडी	ນ	जर छ।
1)	995.	,,	भंग	55	म शा

Section	995.	For	<b>ਫ</b> ਾਂਟ	$\mathbf{read}$	€ਾਂਰ ।
"	996.	"	तपखी	,,	ते पखी ।
,,	999.	,,	मेटवांस	,,	भेँटवाँस ।
Page 2	29 Foot	note	<b>खेसारौ</b>	,,	खें चारौ।
Section	1001	,,	<b>डिनभी</b>	,,	<b>ष्टिब्</b> भो ।
"		. ,,	<b>च्यकुर</b> १	,,	अंकुरा ankura.
"	1002.	"	वृंत	,,	ब्रँट ।
, ,,	1003.	"	बूटौ	,,	ब्रँटौ।
,,	1004.	,,	<b>डिवम</b> ी	,,	डिब्भी।
,,	,	,,	<b>डगार</b> ी	•,	<b>ভিছ</b> ী। '
"		"	<b>च</b> टट <sup>्</sup>	, ,,	चट्टा chatta।
,,	1005.	"	केवाली	"	के बाद्यी।
"		,	पोंठा '	"	पोंढा ।
,,	1006.	"	स्गार	<b>3</b> 1	सुँगार्।
,,	1009.	,,	ટિમ્ <b>મૌ</b>	,,	टिब्भी।
,,	1010.	"	पो र	"	पोर।
,,		,,	फोराना	,,	पोराना।
,,	1014.	"	<b>कचोर</b> स	,,	कञ्चोरस ।
,,	1016.	,,	बागा -	"	व(ग्।
,,	1021.	,,	खगडीवा	,,	खंगडीवा ।
, ,,	1023.	"	मूरती	,,	सुरतौ ।
,,	1024.	"	<b>रो</b> जी	,,	दोँजी।
,,	1026.	,,	सव	"	सभ।
"	1028.	,,	पुरा	,,	पेदा।
,,	1029.	<b>»</b>	<b>ঢ</b> ੇ <b>ঢ</b> ী	,,	<b>७</b> ँद्रो ।
,,	1030.	"	सुखेबन	,,,	सुखवन ।
"	1034.	"	वसभ्	<b>5</b> 0 ,	वस्ब्र
,,	1039.	<b>3</b> )	<b>फालगुन</b>	•,	पाल्गुन।
,,	1043.	,,	चर्ट श्रातेष	"	जरठुच्या तेषा।
"	1045.	"	<b>ग्रहरी</b>	"	च्यं षुरो । •
"	1049.	,,	वगसा	"	बराका ।
<b>37</b>	1 <b>0</b> 50.	,,	<b>मिरा</b> ठा	j,	भिष्डा bbinda
,,		"	<b>अ</b> तरा	"	ৰ বিহা antara;

Section	1052.	For	बौटी	read	लोटो ।
٠ ,,	1054.	,,	<b>च्यधवा</b>	<b>3</b> >	अध <b>ब</b> ा adhwā.
<b>3</b> )	1056.	,,	सपारौ	"	सुपारी ।
"		,,	भ्खसुध	ñ	म्,खसुध ।
,,		,,	म् खसुधौ	,,	म्,खसुघो ।
,	1057.	,,	ग्रांब	<b>3</b> )	ग्रांख १
"	1064.	,,	तर्वज	"	तरबूच।
"	•	,,	प <b>निष्ठ</b> ीच्य	,	पनिचौच्या panihauā.
,,	1071.	,,	कोम इडा	,,	कोम्इडा Komhra.
"		2)	सिनको इडा	,,	सिनकों <b>इडा</b> ।
"		"	काख	,,	काचू
. ,,		"	खोरासानो	,,	खोरां चानो :
"		"	<b>डिडि</b> या	<b>3</b> 2	<b>डि</b> ड्या ।
2,		"	भुष संम	3)	भूपसे म ।
"		, <b>,</b>	भूटका	,,	सुटका ।
,,		,,	<b>बनभ</b> ूटका	"	बनभुटका।
1)		,,	नू लमोर्च	"	गुलम <b>रिच</b> ।
• • • •		,,	गूर <b>द</b>	,,	म् रई।
) <b>)</b>		,,	रस्तुन	"	रस्तुन ।
,,		"	लूतिया	,,	<b>ल्</b> तिया।
,,		<b>)</b> ,	सफागीत	"	सफागोल।
"		,,	म्रनगा	"	म् नगा।
. 29	1074.	"	<b>खारा</b>	,,	<b>छ</b> "गरा ।
,,		,,	<b>डक्सा</b>	"	उक्सा। uksa.
,,		,,	कटोइ	,,	<b>क</b> टोई।
,,		"	क कूडी	"	ক্সকটো।
,,		,,	कुक् <b>ष</b> े	"	<b>ज</b> जही।
"		79	क्षियाना	"	क् सियागा।
. ,,,		,,	कोईसी	"	कोइको।
"	,	, ,,	गाद्र	"	गादुर।
"		"	गांधवा	ۋر	गँभवा gandhwa!
"		"	<b>पूर्णम्</b>	,,	चून ।

Section	1074.	For	कनद्दी	read	कन्छी।
"		<b>3</b> )	पक्खन	,,	पक्खन।
,,		"	सुरका	,,	मुरका murka.
: 2		,,	dakhināha	,,	dakhinaha.
· <b>9</b> )		,,	<b>र</b> खिन्हा	,,	इखिनद्या।
"		,	<b>पटारह</b> ो	"	प <b>ेटार</b> हो ।
,,		"	सूरका	"	सुरका ।
<b>3</b> 7		,,	वक्की	,	बक्कौ।
٠,		,,	म्रका	,,	म्रका।
1,1		,,	भाख	"	भाँख ।
<b>)</b> )		"	गांघी	"	र्गांघी।
Page	264.	,,	मरका	,,	म्,रका।
,,	265.	,,	padd <b>a</b>	"	haddā.
Page	266.	"	खड़का	٠,	खड्चा ।
"	267.	"	<b>एव</b>	"	<b>दूव</b> ।
,,		,,	<b>ध</b> ्ररूप	,,	घुरुप।
,,		,,	पूपरा	"	पुषरा । pupra.
,,		,,	पपरा	,,	पुपरा puprā.
Page	26 <b>9</b> .	"	चिचौरी	,,	चिंचोरी।
,,		"	<b>एरिया एस</b>	"	<b>प्रियायस</b> ।
<b>3</b> )		"	वभौरी	,,	र्बभौरी।
$\mathbf{Page}$	270.	,,	कुहसा	,,	<b>अहे</b> सा।
	24	,,	क्रमहस	"	कुम <sup>ृ</sup> हेस।
"	274.	"	अवार	"	अकार्द्र ।
13	275.	,,	धा <b>निग्रठा</b>	,,	धनिष्ठा ।
19		"	<b>छा</b> सनी	23	च्यसगै ।
		,,	मगचा	,,	मगचा maggha.
19	<b>27</b> 6.	,,	<b>गट</b> ठिइ	"	শट্उद्धि।
13		,,	23	"	"
<b>)</b> ?	277.	1)	<b>অ</b> ী	"	जी ।
"		"	चो'	"	भौ ।
,	<b>27</b> 8	; 99	क्षा	<b>3</b> )	कद्वद्विं।
3)	*	,	<b>हाड</b> े	,,	<b>रॉफ</b> ।
99		د. و	भा	"	भारा
"	280	,,	पुरववा	"	प्रश्वेगा।
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Section	1088.	For	व्याघा घधरी	<b>छा या</b>	घान	read	च्याघा	खख्री
							ग्राघा	धान।
,,		,,	पूर वेथा	read	पुर बै	ेया ।		
,,		,,	सखलें	"	सुख	व		
Page	282	,,	घाम	,,	धान	ı		
,,	283	"	वरसा	,,	बर्ख	rt ı		
Section	1090.	,,	कुमि <sup>९</sup> न	,,	कुरसि	ान ।		
,,	<b>10</b> 91.	<b>3</b> )	रातूक	"	रातुः	का।		
; )		,,	वन	"	भग ।			
<b>)</b> .	1092.	"	ग्रह	,,	गे हू	<u>,</u> 1		
,,	1094.	,,	र्ख'।गर्	"	<b>T</b> ia	RΙ		
, •	1097.	"	मोतहाबरद	"	मोट	हावरद	ŧ	
•,		,,	<b>ग</b> ाता	,,	गट			
,,		"	ते घरो	"	तेघ	री।		-
,,	1098.	,,	<b>रू</b> समार	"	-	मार्।		
"	1108.	,,	सिंघटूट्टा	,,	सि'ट्	इस ।		
,	1109.	,,	नाढा	"	नार्ह.	τı		
,,	1113.	,,	<b>दिव</b>	"	हे खि		•	
<b>33</b> °	1114.	33	घ न	7,	घे नु			
,,		,,	घनपु <b>र</b> च्चौ	"	-	रही।		
,,	1115.	,,	बर्घिया <b>एब</b>	<b>3</b> )		थ <b>ाए</b>	M	
,,	1117.	,,	दुघारि	,,	दुधा	रें।		
,,	1118.	,,	सुद्रल	,,	मुद्र			
"	11 <b>1</b> 9.	<b>3</b> 7	चोच्चेर	"	चोच	रि।		
"		<b>3</b> )	mahela	,,	mah	e <b>lā.</b>		•
,,		,,	मसास	,,	मधाः	जा m	asālā I	
<b>a</b> )	1120.	,,	प <b>उद</b>	<b>)</b> )	पङ्ख	E I		
,,		"	कडर	"	कड़र	Εl		
"	1123.	· 33	भें ड	"	મેં ફ	ो १		
,,	1125.	,,	तहरा	"	टहर	रा।		
,,	1129.	,,	पहा	,,	पट्र	<b>3</b> T.1 .		
,,	1133.	<b>3</b> 2	रपघर	13	<b>र</b> हप	घर ॥		
27	1136.	"	गोइमन	,,	गोच्च	सन।		

Section	1138.	For	<b>स</b> फो इ	read	सुफी इ।
,,	1141.	"	कूम्दा	,,	क्नुन्दा kundā.
. "		,,	स्रोकाना	,,	सोकाना lokanā.
,,	1144.	,,	चांकी	"	चौंकी ।
,,	1145.	,,	भूस्सा	"	भुस्सा।
"	1146.	,,	नि <b>ख</b> राच	,,	निख्राष्ट्र।
,,		,,	<del>चि</del> कनटिवमा	,,	चिवनजिव्भा।
"	1147.	,,	षाध	"	बाध
,,	1148	,,	घ रानी	5)	घेरानी।
,	1150	,,	भेढिहर	,,	भें ड्रिइर।
		,,	भेटिहार	,	भेँ इचिर।
		,,	मेढिहारा	,,	भेँ ड्रिइरा।
"	1153	,,	<b>ढ</b> ढडा	,,	TET dhattha.
ຸນ	1155	,,	चेलच्दा	"	चेल्डवा chelhwa.
"	1160	99	ने नु	,,	में न्रा
	•	,,	कुपी	. دو	कुप्पी।
		,,	गेसहा	,.	गेव्हा!
,,	1162	"	जा <b>रम</b>	,,	जीरन।
,,	1163	,,	<b>छ</b> ।ल <b>चो</b>	,,	<b>क्ष्यं हो</b> ।
,,	1166	,,	फु <b>कि</b>	"	<b>फ्रिका</b> ।
"	1168	,,	<b>टरका</b>	,,	<b>टरका</b> ।
"	1171	"	<b>हो</b> ंडी	,	क्रौंडी ।
"	1172	,,	स्वौर <b>ह</b> ा	"	खोरहा।
,,	1173	"	<b>ঢां</b> सी	,,	<b>ढाँ</b> सी ।
		,,	<b>है</b> डी	٠,	हें डी।
		,,	जिव्भी	,,	निव्भी।
		•1	चीरमतका	<b>3</b> )	चोरमटका ।
,,	1174	,,	उकार जाएव	,1	उवैर चार्य।
,,	1175	۶,	<del>चेच</del> क	,,	चेचन।
		"	कतवा	,,	कटवा।
"	1176	,	<b>प्रतव</b> ित	,,	पुरुषाता।
,,	1178	"	माडा पुत्ती	,,	माड़ा फुक्षी।
47	1182	. 27	र्कोडपका	,,	कोँड्यका।

Section	1183	$\mathbf{For}$	<b>ज्य'कता</b>	read	र्जंतरा ankta.
22		)) ))	च्य कता	,,	र्ज्यवटा ankta.
,,		"	त्र'ट्रुकी	"	चँटुली।
,,		3,	गडरो ,	"	गंडरी।
. 29	•	,,	गंड्र	,,	ाँड़ र।
,,		,,	चोरांत	<b>3</b> )	चोराँट chorant.
"		,,	चिचहीर	,,	चिचचोर ।
,,		"	चोरांत	,,	चौराँट।
"		31	चकोडा	<b>)</b>	चकोड़ा ।
3)		,,	दुभ	,,	दूभ।
,,		,,	बुन तूलधी	3)	वनत्षसी ।
"		"	वनत् संसी	,	वनतुससी 1
<b>))</b>		"	बेर्पियां	"	बेढियाँ।
31		, ,,	विलीन्धा	,,	वेलीन्डा belonhā
"	a	3)	महुचाटी	3)	सङ्काटौ ।
,,		"	राठी	,,	राष्ट्री :
2)		"	मवारी	"	नेवारी।
<b>3</b> 7		"	तूलसी	"	तुलसी ।
1,7		"	सांद्रे	"	साँद्रै ।
<b>39</b>		"	स्रवार	,,	सुरवार।
91	1184	,,	कमिर्ग्या	"	क्रमरिया।
		"	विचया	,,	बिद्या।
		1)	<b>च्चा</b> किम	,,	<b>चा</b> किम।
		"	<b>8</b>	"	सङ्ग ।
,,	1185	2)	मजुरी	,,	मजूरो।
		"	सासीना	"	सलौगा।
<b>))</b>	1186	"	च्रगठौर	"	च्रगड़ीर।
		"	<b>इ</b> वाष्ट्री	,,	हरशही।
,,	1193	"	पब्बी	,,	पव्वी।
<b>3</b> )	1194	,,	बिरौत	"	विरित ।
	,	"	<b>यांजुरी</b>	"	<b>च्लु</b> रौ।
	•••	<b>3</b> >	<b>ख</b> ंटी	3)	ख्ँदी।
"	1198	,,,	षरकानः वन <b>स</b> र्वे या	, ,,,	परकाना। वन्द्रवेथा।
<b>))</b>	1201	,,	बगच्चव था	"	नत्रुव था ।

Section	1201	Fo <b>r</b>	मड़बच	read	मड्बच ।
		,,	बस् हो	,,,,	बस् हो।
		, ,,,	<b>किचा</b> ली	23	कियाकी।
•		,,	वयाई	· ,,	वयाई ।
,,	1203	1 22	ग्रगौँग्रां	"	ग्रगौँग्राँ।
		"	रसुचार	,,	रस् आड् rsuār,.
		"	म् सच्द	"	म् सन्दर।
		"	<b>दि</b> च्चार	,	<b>डि</b> च्चार ।
<b>, 8</b>	1204	"	प्रांता	"	पुरौँता।
		. ,,	बढी	"	बड़ही।
		,,	केरा	,,	के \varsigma ।
		"	पुरी	f 99	पूरी।
,,	1208	"	तिपदार	"	टिपदार ।
		"	<b>ज</b> नवी	,,	<del>ज</del> ्जवी ।
•	1209	,,	गोड़ॅन	,,	गोड़ त।
"	1210	• 3)	खुसकी	,,	खुग्रकी।
		"	पेसगी	,,	पेश्रगी ।
,,	1214	,,	हिस्मा	,,,	हिस्सा।
		• •	<b>इ</b> स्मेदार	,,	हिस्सेदार ।
		,,	जेठनस	,,	जेठ <sup>•</sup> स।
**	1217	,•	<b>क</b> ्डो	,,	क्टुट्टी chhutti.
		,,	<b>कि</b> क्टू	<b>3</b> )	किछ्।
,	1234	,,	<b>सिर</b> का	,,	सिरकी।
"	1237	"	<b>अगू आर</b>	,,	<b>अगुग्रार</b> ।
"	1243	"	चवुतरा	,,	चबुतरा ।
,,	1244	"	क् <b>ान</b> इ	,,	क् <b>रन्छ।</b>
"		,,,	घरामी	•,	धरामी ।
"	1247	"	स्' इ	, ,,	सुँ हा।
pag	e 337	foot no	te तवाव	"	बु <b>राव</b>
Section	1250	"	विस या	,,	विलेया
"	1251	,,,	मरेट	,,,	भरेठ 🖔
,,,	1257	>>	टरचा	"	ट <b>ेव</b> ग्रा
,	1258	"	्वाता	<b>»</b>	बाता

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Section	1258	$\mathbf{For}$	वस्ता	$\mathbf{read}$	वसा
"	1263	,,	वंकौ	"	वँकौ
"	1265	<b>3</b> )	<b>दोका</b>	,,	<b>ं</b> का
,,	1267	"	गिटौ	,,	(गरी
ų		,,	एटा	"	चेंठा
,,,	1269	,,	स्वाय	,,	खाय
	pag	e 346	<b>छ</b> ांसी	,,	ग्राँठी
,,		"	<b>ग्रभासो</b>	<b>,</b> ,	<b>अ</b> भाठौ
,,		12	सिकुला	,,	टिकुक्ता
. ,,		,,	सिकोढा	,,	टि <b>को</b> ढा
	page	e 348	खदी	,,	खुदी
	,,	<b>34</b> 9	<del>च</del> वेनी	"	चवेगी
	,,	351	<b>নিৰস্ত্ৰ</b> ত	<b>"</b>	तिस <b>ञ्जट</b>
	. ,,	352	उलावा <b>ल दा</b>	ব্ৰ ,,	उलाव <b>ल दाल</b>
	,,	353	वंगेया	<b>))</b>	वगेया
	, ,	354	<b>व</b> ता <b>सा</b>	,,	वत्सा
€.	,,	355	वजका	<b>3</b> )	बजका
ě	,,	356	∓ठा	•,	<b>ম</b> হ্ <b>ঢা</b>
	" ,,	356	महनभोग	,,	मोइन भोग mohan
					bhog.
			मोंती चूर	"	मोतीचूर।
	,,	358	समीसा	,,	समोचा।
Section	•	for	साइ	"	संदे
"	1275	"	इ वेली	,,	<b>इ</b> वेखी
"	1279	"	विघवो	,,	विधवा ।
"		"	<b>ग्रम्च</b> गा	, ,,	<b>अरध्</b> या
"	1290	"	dol karhui	"	dhol karhui.
"	1291	"	विदागी	,,	विदागी
"	1292	"	दुराग नधन	"	दुचारनंघन duār
	3004			_	nanghan.
"	1294	'n	होगा	122	<b>होंगा</b>
"	1297	,,,	नहरा	<b>3</b> )	नेइर्[
,,	1307	,,	मग्डप	,,	मख्प

Section	1308	For	मन्त्रीपूजा	read	माजिका पूजा matrika puja.
,	1316	,,	टिया	,,	१ हीया
"	1318	"	chandaen	"	chandan.
,,	1344	"	चिठी	"	चिट्ठी
<b>3</b> )	1345	"	चवनार	,,	<b>जेवनार</b>
2)	1354	,,	सिघांत	2)	सिधां <b>त</b>
"	<b>135</b> 8	"	<b>ल</b> हु	"	<b>लड्</b> डू
"	1369	,,	badri 🕤	"	bori.
"	1373	<b>,,</b> '	मज्बा	,,	मँ हु च्या
33	137 <b>7</b>	"	samily	"	family.
3)	1379	"	far	,,	for
p	age 383	"	सोहाग के प	प्रा	खोद्याग की पूरा
Section	1398	,,	durns	,,	durus.
"	1399	<b>3</b> )	सघीर	"	सघौर
,,	1400	,,	गीरधोचाई	,,	गोरघोष्ट्राई
,,	1411	<b>))</b>	<b>नह</b> दुङ्गी	"	<b>न</b> इङ्गी
19	1425	"	महाबभन	1)	म <b>दा</b> बाभग
"	1433	,,	घरतौ माइ	,,	धरती माद
<b>,,</b>	1434	"	<b>ध्</b> रसीघन	"	<b>इ</b> रसोधन
27	1456	"	<b>क्रि</b> भ्र <b>ग</b>	"	कृषा
pa	ge 4408	"	manus	"	manus.
3)		"	सन्नखी	"	<b>स्वक्</b> रि
,,		"	चटूघ्घा ,	,	चदुवा
"	<i>4</i> 11	"	-	,,	सुख <b>ड़ा</b>
,,	415	,,	हृाभ्रो ,	,	<b>हाग्रो</b>
Section	1968	,,	खसरा वटाइ		खसरा वटाइ
••	1474	,,	बटा ,	,	बट्टा
••	1476	"	पचा ,		पे चा
• •	ge 423		पसी रूपैया ,		पेसे रूपैया
Section 1		•	परेखिया ,	•	परेखिया
" 1	485 lin	e 7 inse	rt release in	full.	
"		<b>,</b>	धेरख ,	, .	<b>धर्</b> च

Section	1486	$\mathbf{For}$	चीकर	$\mathbf{read}$	ष्योकर
,,	1487	•,	चुडी पर	ñ "	<b>इ</b> ंडी पत्री
,,	l	ine 14 i	asert a <b>c</b> cep	ot.	
,,		<b>3</b> )	मितती	,,	मिती
,,	1492	<b>))</b> .	रस्रो	"	रस्ती
•	1437	,,	इम्ड़ो	,,	<b>र</b> मड़ी
,,,	1499	"	रती	,,	रत्ती
,,		<b>»</b>	दुव्यनी	,,	दुच्चन्नी
<b>99</b> -	1500	,,	सर्वेया	,,	सर्वेया

Appendix 29 for dehiyay read dahiyak. Appendix page 16 पनयोत्ता read पनियोत्ता.

• •

# CONTENTS.

					·		LAGE
USEI	IN AC	MPLEME:			APPLIAI JRAL M.	ANU-	1
FACT	TURES	•••	•••	•••	•••	•••	1
Subdivisi cultiv		nplements	used	in prepa	ring lan	d for	ib.
		1	•••				1-5
CHAPTER 1			•••	•••	••• '	•••	5-6
		s and spades	•••	•••	•••	•••	7-8
,, ō	.—The har	:ow .od in Gold w	-onl-	•••	•••	•••	8
", 4	.—Rakes u	sed in field w	Arc.	•••	•••	•••	8-9
		, pitchforks,		iv.			
		m <b>p</b> lement	s usec				9
	rrigation	•••	•••	•••	•••	•••	
CHAPTER 1			•••	•••	***	•••	9-11
	.—Brooms			. •••	•••	***	11-12
,, 3	<u>I</u> pleme	ents used in	weeding	, etc.		•••	12-13
		ents used in				•••	ib.
Subdivis	ion III.—	Appliance	es used	in field-v	vatching	•••	ib.
CHAPTER 1			•••	•••	•••	•••	1314
	The scar		_ • • •	•••	•••	•••	ib.
.,, 3	.—The wate	chman's plat	form	•••	•••	•••	14—15
Subdivisi	ion IV.—:	Implemen	ts used	l in harve	sting	•••	15
CHAPTER 1	The sick	le or reaping	z-hook		•••	•••	15-16
,, 2	Rakes u	sed on the ti	reshing	-flcor	•••		ib.
	Granarie		•••	•••	•••	·	1618
						4 :	
		mplemen	ts and	applia	aces use		· 18
	ection wit		•••	•••	•••	•••	
CHAPTER 1	$\mathbf{lThe}$ fode	ler-cutter an	d troug	h	•••	•••	18-19
		zzle and blii	nkers	•••	•••	•••	19-20
		p and goad		•••	•••		<b>2</b> 0—21
,, 4	L.—Hobbles	for cattle		•••	•••	•••	ih.
	.—Ropes	•••	•••	•••	•••	•••	21-24
	-Pads for		•••	•••	•••	•••	ih.
,, 7	.—Grain-b	ags and pani	ers for l	oaded cattle	•••	•••	25
		leather, or t			•••	• •••	ib.
		from which a	anımais	are fed	•••	•••	<i>ib.</i> 25—27
), I(	3.—Dairy u	tensils	***	•••	• •••	•••	20-21
		Appliance	s used	in the	conveyar	ce of	
goods	s or passe	ngers	•••	***	•••	•••	ib.
CHAPTER 1	l.—The cou	ntry cart		•••	•••	•••	27 - 28
		ce, ce mplete		cart	•••	•••	<b>28—37</b>
,, {	3.—The ligh	t country ca	ırt	•		•••	37 - 38
,, 4	i.—The bul	lock carriage		•••	•••	•••	38-39
<b>,</b> , f	5.—The pen	y carriage	•••	•••	•••	•••	10-42
,, .(	3.—The cou	ntry boat	•••	•••	•••	•••	42-45
" 7	7.—The litte	er	•••	•••	•••	***	<b>45—4</b> 6
Subdivis	ion VII	-Applianc	es use	d in rur	al manufe	oture	46
CHAPTER	1.—Applian	ces used in t	he manu	facture of c	oil	•••	46-49
99	c.—Applian	ces used in t	he manu	tacture of s	ugar	. •••	<b>5060</b>

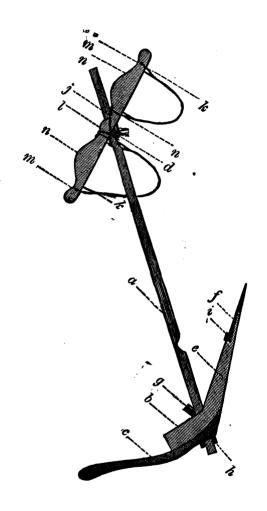
							Pagn
<b>Öhapte</b> i	3App	liances used in th	e manu	facture of	indigo	111	60-62
>>	4.—The	spinning-wheel		•••			<b>62</b> 69
"		weaver's loom	•••	•••	•••	***	<b>69—7</b> 6
"	6.—The	saltpetre manufa	cturer	•••	•••	•••	7677
27		istillery of countr		r	•••	•••	<b>77</b> 78
0		TTT Amelian			maig a a l	laneous	
		III.—Applian			miscer	тапесия	79
ATIT	age trac	lers and profe	8810II#1	lb	•••	•••	10
CHAFTE	1.—The	palm-juice seller		•••	•••		<b>79—8</b> 0
**		bird-catcher	•••	•••	•••	•••	ib.
,,	3.—The	barber	•••	•••	•••	•••	80-81
"	4.—The	country surgeon	•••	•••	•••	•••	ib.
,,	5.—The	farrier		•••	•••	***	ib.
"	6.— <b>T</b> he	washerman	•••	•••	•••	•••	<b>81—82</b>
Quhdin	ician TV	Tools and	annlie	maga 116	and has	COUNTRY	
	izans					country	83
ar u	LZALIS	•••	***	•••	•••	***	00
CHAPTEI	3 1.—The	carpenter and tu	rner	•••	•••	•••	83-85
. ,,	2.—The	blacksmith		•••	•••	•••	85—88
"	3.—The	mason or bricklay	yer	•••	•••	•••	8890
>>	4.—The	grain-parcher	•••	•••	•••	•••	9ა <u>—</u> 9 <b>2</b>
19	5.—The	baker	•••	•••	•••	•••	9 <b>2</b> —93
,,		confectioner	•••	•••	•••	•••	9394
,,		tobacco-manufact	urer		***	•••	95
"	8.—The	pipe-maker	•••	•••	•••	•••	96—97
1)	9.—The	pipe-stem maker		•••	•••	•••	ib.
,,		cotton-carder	*** '	***	•••	•••	98
"		shoe-maker	•••	•••	. •••	•••	9829
"		blanket-weaver	•••	•••	•••	•••	99—100
**		fancy silk or frin	ige-mak	er	•••	•••	100—101
99	16.—The	embroiderer	•••	***	•••		<i>ib.</i> 101-102
"	15.—The		•••	•••	•••	•••	<i>ib</i> .
"		wood-painter	•••	•••	•••	•••	102-103
"	17.—The 18.—The		•••	•••	•••	•••	103-105
,,,	19.—The		•••	•••	•••	***	105-105
"		seal-maker	•••	•••	•••	***	106
2)		13	•••	•••	•••	•••	ih.
"	22.—The				•••	• •••	107-108
"	23.—The	1 C J	•••	•••	•••	•••	ib.
"	24 — The	brass-bangle mak		•••		•••	ib.
,,	25The	glass-maker and	glass ba	ngle-mak	e <b>r</b>	•••	108-110
"	26.—The	lac bangle-maker			•••	•••	ib.
"	27.—The	potter	•••	•••	•••	• • • •	111-112
"	28.—The	firework-maker	•••	.7.	•••	•••	112-114
,	29.—The	bookbinder		•••	•••	••1	114 - 115
,,		rope twister	•••	***	•••	***	115—116
9)		weaver's brush-m	aker	•••	•••	•••	ib.
,,		bow-maker .	• • •	•••	•••	•••	ib.
"	33.—The	weapon-cleaner	•••		•••	•••	ib .
DIVIS	ON I	I.—DOMEST	C	APPLIA	NCES	AND	
	ensils						117
			•••	•••			*11
Subdiv	ision I.	-Appliances	used	in the	prepara	tion of	
foo		•••	•••	•••	•••	•••	ib.
A 1	1 0:	·					117118
CHAPTE	1.—Siev	nodal for hyaling	orain	•••	•••	• • • • • • • • • • • • • • • • • • • •	117—118 118—119
**		pedal for husking		r hnakina	arain	•••	119—120
: 39		pestle and mortar hand grinding-m				***	120—121
**		grindstone for spi		•••	***	***	<i>ib.</i>
23		grinusione for making		***	•••	***	i).

					1	PAGE
Subdi	vision II.—Domestic	furnitu	re	***	•••	121
Снартв	R J.—Stool	•••	•••	•••		121122
,,,	2.—The bed and cot	•••	•••	•••	• • •	122 - 123
9)	3.—The weighing scale	s	•••	***	•••	123—124
,,	4.—Nets	•••		•••	•••	121 - 126
,,	5.—The pad used fo	r suppor	ting water-p	ots, etc.,	on a	
	woman's head	•••	•••		•••	100 107
***	6.—The stick	***	•••	• • • .,	141	126—127 127—128
**	7.—Boxes 8.—Metal vessels us:d	••• :	a and for a	edinore d	omoatio	121-120
,,			g and for o		···	129-134
	purposes 9.—Larthen vessels	•••	•••	***	•••	134 - 140
"	10.—Wooden vessels	•••	•••		•••	141
	11.—Leather vessels	•••	•••		•••	141-142
"	12.—Leaf platters	•••	•••	•••	•••	ib.
"	13.—Stands for vessels	***	***	•••	***	ib.
						ib.
	vision III.—Clothes,	JI Hamo.	110, 600.	***	•••	142—150
CHAPTE	R 1.—Clothes	***	•••	•••	•••	142—150
,,	2.—Carpets and mats	•••	10.0	•••	•••	151-156
, ,,	3Jewelry	•••	•••	•••	•••	
Subdiv	vision IV.—Applianc	es used	in worshij	p	***	156—157
DIVIS	ION III.—SOILS	•••	•••	•••	***	159
Снарте	R 1.—Classification of soi	ls	•••			ib.
,,	2Soils classified ac		to their dis	stance fro	m the	
	village site		•••		•••	159—160
,,	3.—Soils classified ac		to their con	stituent el	ements	160-162
,,	4.—Soils and water act		•••	•••	***	ih.
,,	5.—Muddy and water-l		ls	•••	•••	162 - 163
**	6.—High lands and low		***	•••	***	ib.
"	7.—Ravines, mounds,	etc.	***	•••	•••	163—164
"	8.—Stony soils	100	•••	•••	•••	<i>ib.</i> 165
,,	9.—Cultivated and was	te	•••	***	***	165-166
"		ogs of soil	•••	***	•••	<i>ib.</i>
"	11.—Richness and poorn 12.—Irrigated and dry l			•••	100	ib.
"	13.—Lands which retain		ah da not rets	in moistu		167
"	14.—Lands bearing a sin					ib.
,,	15.—Terms used in conn				• • • •	167-169
,,	16.—Land impregnated			••• /		ib.
	ION IV.—GENERA	-			PER-	
	TONE				110	171.
		•••	•••	•••		2.
Subdiv	rision I.—Ploughing	and ha	rrowing	***	•••	ib.
CHAPTE	R 1Ploughing and harr	owing	***			171-174
,,	2.—Fields	•••		•••	***	174-175
,,	3 Boundaries	•••	•••			175-176
,,	4.—Furrows	•••	•••	•••	•••	ib.
,,	5Miscellaneous terms	used in	connection wit	th ploughi	ng	176 - 177
,,	6.—Ploughman and agr	icult ural	labourers gen	erally	•••	177—178
,,	7.—Reciprocal assistance	e in culti	vation	•••	••• ,	178-179
Subdiv	ision II.—Manuring	•••	***	•••	500	ib,
Снарти	1Kinds of manure					179-180
OHAFIE	2.—Modes of manuring	•••	•••	•••	•••,	ib.
"	3.—Manure used as fue	1	•••	•••	•••	180-181
	ision III.—Sowing a				•••	ib.
42.0		ATOM	Promine	<b>316</b>	•••	
	B. 1.—Sowing		•••	***		181-182
	2,-Modes of sowing		• • •	100		182-183

								Page
CHAPTER	3Se	ed-beds	and nurs	eries	•••	•••	•••	184
,,		wing ti		•••	•••	•••	•••	ib.
29		ransplan		•••	•••	•••	•••	ib.
Subdivi	sion I	<b>V.—D</b> i	igging,	hoeing	, and we	eding	***	$ib \cdot$
CHAPTER	1D	iggin <b>g</b>		•••	•••	•••	•••	184—185
. 29	2.—H	oeing	•••	•••	•••	•••	•••	<i>ib</i> . 18 <b>5</b> – 186
,,		eeding		•••	•••	•••	***	
Subdivi					•••	•••	•••	186 – 187
,,		VI.– F	Reaping	and gle	aning	***	•••	ib.
CHAPTER	1.—B	eaping		•••	•••	•••	•••	187—1.8
>>			of unripe	-	•••	•••	•••	$ib.\ ib.$
"		leaning				•••• •••	•••	189
	_				winnowi	ng	•••	<i>ib</i> .
CHAPTER					•••	•••	•••	189—191
**			and bund out grain		•••	•••	•••	191 <b>—1</b> 93
				hing-floor		•••	•••	193—195
33		Vinnowi			•••	•••	•••	195—196
,,		Iiscell <b>a</b> n		•••	•••	•••	•••	ib.
Subdiv	ision	VIII	–Divisi	on of cr	ops	•••	•••	it.
CHAPTER			and value		•••	•••	•••	196—197
. , ,					rop is divide	ed	•••	197—198
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			ns and re division	missions	•••	•••	***	198 - 199 $199 - 201$
y, Embelier				•••	•••		•••	ib
pubaiv	181011	14	Irrigatio	эц	•••	•••	•••	••
Снартев	<b>1.</b> —]	rrigatio	n general	ly	•••	•••		<i>ib</i>
. ,			f irrigatio		•••	•••	•••	202 2∩3
**	3.—) 4.—	~~.	n from ca		•••	•••	•••	203-204
,			tion of w		•••	***	•••	204 - 205
• • • • • • • • • • • • • • • • • • • •	6.—	The leve	r used in	raising w	ater	•••	•••	266 - 207
1)					ing water		•••	<i>ib</i> .
9.	8,-(	Uther w	ell applia	nces conne	ected with i	<del>-</del>	•••	208 - 209 <i>ib</i> .
. , ,,,	10.—	The wor	hway jor kmen emi	bullocks, ployed at	the well	•••	•••	209-210
"			sian wle		the wen	•••	•••	ib
, ,,	12.—	Irrigatio	on from t	anks and	streams	•••		ib
,,	13.—					o irrigation		211
	14 —	-swing Water-c		d the spo	on-lever	•••	•••	211 - 212
<b>)</b> ,				•••	. •••	•••		
DIVIS				JLTUR	AL PRO	ODUCTS	AND	213
		ENE		•••	•••	•••	•••	
Subaiv	71810 <b>n</b>	I.—A	griculti	ıral pro	ducts	•••	***	<i>i</i> 3.
CHAPTE	B. 1.—	Wheat	•••	•••	•••	***	•••	213-214
**	2.—	Mixed c	rops	•••	***	•••	***	214-215
25			and oats	•••	•••	•••	•••	<i>ib</i> . 215—223
"	4.—		corn or m	0170	•••	•••	•••	223-224
3 <b>1</b>			ge millet		***	•••	•••	224- 225
. 99	7	The sma	all bulrus	h millet	•••	•••	•••	ib.
>9			all mil.ets		•••	•••	•••	225 - 227 227 - 229
29	9.— 10.—	Pulses Page	•••	•••	•••	•••	•••	227—229
99 99		Gram	***	•••	•••	•••	•••	231-232
"		Sugarca	ne	•••	•••	,,,	•••	292 - 287
		Cotton		•••	***	•••		287-289

					•	Pagn
CHAPTER	14 Tobacco	•••	•••	•••		239-241
"	15.—Opium poppy	•••	•••	•••	•••	241 - 243
"	16 —Hemp	•••	•••	•••	•••	ib.
,,	17.—Indigo	•••		•••	•••	243 - 244
"	18.—Other dyes	•••	•••	•••	•••	244 - 246
33	i 9.—Oil-seeds	•••	•••	•••	•••	216-217
"	20.—Fibres	•••	•••	•••	•••	247-248
"	21. Betel	•••	•••	•••	•••	248-249
,,	22.—Garden crops	•••	•••	•••	•••	250 - 257
	ision IIInsects			jury to	erops	ib.
CHAPTER	1.—Destructive insects	and disea	ses	•••	`	<b>257</b> - <b>265</b>
"	2.—Noxious weeds	•••	***	***	•••	265—269
**	3.— Miscellaneous	•••	•••	•••		<b>2</b> 6 <b>—27</b> 0
DIVISI	ION VI.—AGRIC	CULTUI	RAL	TIME8	AND	271— <b>2</b> 87
	×	 E AND		ייי.		
	ON VII.—CATTL				MESTIC .	289
AN	IMALS	•••	•••	•••	•••	289
CILADMEN	1.—Cattle generally					ib.
	2.—Bulls	•••	•••	•••	•••	ib.
"	3.—Puliocks	•••		•••	•••	289 -293
,, ,,	4. Cows and breeding		,	•••	•••	293-294
"	5.—Calves	•••	•••	•••	•••	294-295
,,	6.—Buffaloes	•••		• • • • • • • • • • • • • • • • • • • •	••.	295-296
"	7.—Goats	•••	•••	• • • •		ib.
"	8.—Sheep	•••	•••	•••	•••	ib.
12	9.—Pigs		•••		•••	296-297
**	10 — Horses, mules, and				•••	ib.
<b>39</b>	11Elephants	•••	•••	•••	•••	297 - 298
	12.—Camels	•••	•••	•••	•••	ib.
,,	13 Straying of cattle	•••	•••	•••	•••	ib.
,,	14 - Colours of cattle.	•••	•••	•••	•••	<b>2</b> :8299
"	15.—Hides	•••	•••	•••	•••	ıb.
	16.—Cattle slaughter	•••	•••	•••	•••	<b>2</b> 9 <b>9—3</b> 00
* ***	17.—Feeding cattle	•••	•••	•••	•••	300-301
,,	19.— asturage	•••	•••	•••	•••	ib.
	19.—Fences	***	•••	•••	***	302
,,	20 —Grazing-fees		•••	***		ib.
	21.—Cow-houses and er	iclosures fo	or cattle,	cattle-owne	ers, etc	302-303
	22 — Cattle-dealers		•••	•••	•••	ib.
	23.— Milk and its prepa	rations	•••	•••	•••	303-305
	24.—Cattle diseases	•••	•••	•••	•••	306-308
**	25.—Cattle fodder	• •••		•••	•••	308-313
TATTOT	ON TITE TABO	rtTD A	TO TO A BY	AEG T		
DIVISI	ON VIII.—LABO D PERQUISITES	UA, A	DVAN	CEO, V	VAGES,	915
Д.И.	D IER&CISITES	•••	•••	•••	•••	315
CHAPTER	1.—Pay and advances	to laboure	rs			315-316
	2.—Advances to tenan			•••	•••	3:6-3:7
"	3.—Dues paid by tena		•••	•••	•••	317-322
"	o. Zues para 25 tena		•••	•••,	•••	01, 022
DIVIS	ION IX.—LAND T	ENURE	s	•••	•••	<b>32</b> 3
CHAPTRI	1.—Tenures	•••		***		ib.
))	2 -Proprietary tenur		•••	•••	•••	323-325
»	3.—Intermediate tenu		•••	•••	•••	325-326
"	4.—Shares and sharer			• • • • • • • • • • • • • • • • • • • •	•••	326-327
	5.—Cultivating tenur		•••	•••	•••	327-329
**	A Panta	,,,	***		•••	990-939

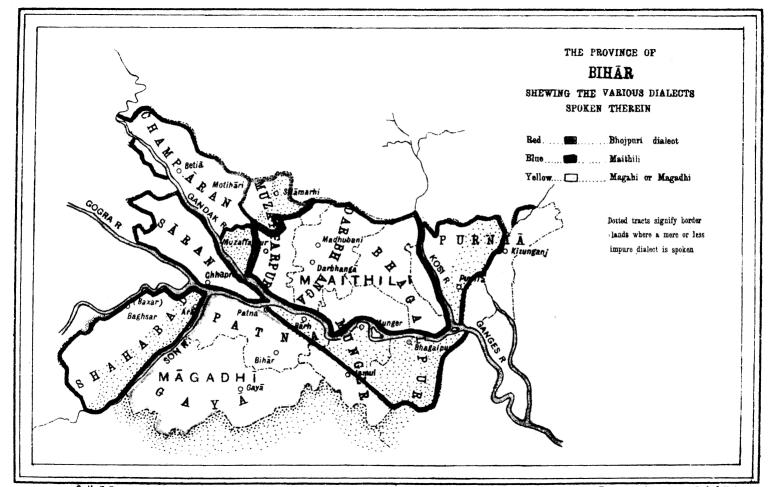
							Page
DIVISI	ON X.—THE	NATIV	E HOU	SE	•••	•••	333
Снартвв	1The native h	ouse .	••				333334
,,,	2Parts of a ho	ouse .	••	•••			334-340
,,	3 -Materials use	ed in the	constructio	on of the h	оцье	•••	340-344
DIVISI	ON XI.—FOO	D .	•••	•••	***	•••	345
CHAPTER	1 Meals			•••	***	•••	ib.
,,	2Kinds of foo	d .		•••	•••	•••	345-358
DIVISI	ON XII.—CE	PEMON	TES AN	וקווא חו	er Remitm	ONS	
	RURAL LIF						359
Creamman	Marriage						359—361
			on one lla	•••	•••	•••	361-364
,,	2.—Wedding cer 3.—Special wedd	emonies g	enerany	nget the H	Indna	•••	364-376
,,	5.—Special wedd	ing cerem	onies amo	ngst the H	anda	•••	376-388
,,	4Marriage cer			ie musaim	апв	•••	388-390
,,	5.—Birth custon	is general	1y	 .c 11:_d		•••	390-392
"	cCeremonies	peculiar to	tne birth	ora minu		•••	
,,	7 Birth custon	us amongs	t Musalma	ans	***	•••	392-393
,,	8.—Disposal of	he dead a	mongst th	e Hindus	•••	•••	393-397
"	9.—Disposal of t	th <b>e</b> dead a	mongst M	usalmans	. •••	. •••	397—398
"	10.—Ceremonies	at plougki	ing and so	wing and t	transplant	ing	<b>399—4</b> 00
,,	11 Harvest cer	em <b>o</b> nies		***	•••	***	400 - 401
,,	12Miscellaneou	18			•••	•••	401-403
,,	13 Arbitrations	oaths, etc	3.	•••	100	•••	403 - 404
"	14 Miscellaneou	is supersti	itions	•••	•••	•••	404-411
	ON XIII.—T	RADE,	MONE	Y-DEAL	INGS,	AND	
AC	COUNTS	•	•••	•••	•••	•••	413
Снартвы	1Trade and b	azar accou	nts	•••	•••	•••	413-415
,,	2Accounts be	tween lan	dlord and	tenant	•••	•••	415-421
**	3Interest, dis				•••	•••	421 - 422
,,	4Rates of int	erest				•••	422-423
,,	5.—Mortgage		•••	•••	•••	•••	423-424
"	6 Miscellaneo	us	•••	***	•••	•••	424 -426
DIVIS	ION XIVW	EIGHT	S AND	MEASU:	RES	***	427
CHAPTER	1.—Measures of	langth					427-429
	2.—Superficial n		•••	•••	•••	•••	430
, ,,	3.—Measures of		 n	•••	•••	•••	430-431
",	4.—Measures of			•••	•••	•••	431-433
APPENDI		•	•••	•••	•••	•••	i—xvii
	<u> </u>						A 11



The Country Plough.

(Note. The front portion of the body is given in section, so as to show the position of the share.)





#### DIVISION I.

### IMPLEMENTS AND APPLIANCES

USED IN

# AGRICULTURE AND RURAL MANUFACTURES.

#### SUBDIVISION I.

# IMPLEMENTS USED IN PREPARING LAND FOR CULTIVATION.

#### CHAPTER I.-THE PLOUGH.

- 1. The ordinary country plough is generally known as ছং har Sometimes the Hindi form of the word, ছল hal, is used. In Gaya, the word আঁমন্ lāngal is also used.
- 2. दिनोरी khinauri is used for an old or worn plough. In the South-East and in North-West Tirhut this is उंडो thenthi, and generally over North-East and South Tirhut उँडा thentha. In Shahabad it is खटारा khutahra. A new plough is नवटा nawathā or नोटा nauthā to the west, नव्यर nawghar in Champāran. and जवटा lawatha generally over North-East and South Tirhut.
- 3. In West Bihār and South Bhagalpur साँग sānga, and in South Munger साँगह sāngah, mean the plough and all its appurtenances, as in the sentence साँग (or सर साँग) जीने आव विश्वार sānga (or har sānga) lens āw bahiyār,—bring the plough, &c., to the field.
  - 4. The various parts of the common plough are as follows:-
- 5. The beam (a).—North of the Ganges this is with haris, and so also in Shahabad. In East Tirhut it is also called with haris. In Patna, Gaya, and South Munger it is with sauth. In South Bhagalpur it is the is with haris is, however, understood more or loss everywhere.

- 6. The body (3) This is everywhere Et hara.
- 7. The handle or stilt (c).—In Shahabad and north of the Ganges this is परिच्य parihath; in the eastern portion of the latter tract it is also जामन lagan. जामा laganā is used in South Munger, Patna, and Gaya, and नामा lagnā is used. Bhagalpur. In South-Western Shahabad परिचन parihat is used. The knob at the end of the body near the handle is in Patna बेह्बा chandwa, in Gaya चाँहो chāndi, north of the Ganges and in Shahabad मंड mutha (or in the south-west of the district बेह्बा chanduli), and in the south-east महिया muthiyā. In South Bhagalpur मनारी makari is a piece used for amending it when broken. The first, second, and fourth names are only used if it is a separate piece of wood.
- 8. The notches on the beam (d).— by which the share is raised or lowered.—In Sāran खेट्रा kheṛha, in Gaya खेट्रा kheṇhi, and in Shahabad छेट्रा kherhi. In Patna they are खेड्रा khehā, in Champāran खाता khātā, and throughout Tirhut खाट्रा khāṛhi. In South-Eist Tirhut, it is also खड़्दा khaṛha, and in South-East Bihār, खाँट्रा khorrha or काट् kārh.
  - · 9. The sole (e).—in which the share is fixed.—

In West Bihār, it is टोर् tor or टोरा torā. In East Bihār, it is नास nās or नासा nāsā.

North of the Ganges the thicker end of the sole is called माँच manth or माँच। mantha.

- 10. The share (f).—Everywhere দাহ  $ph\bar{a}r$ . In North-East Tirhut also দাহো  $ph\bar{a}r\bar{a}$  or দালো  $ph\bar{a}l\bar{a}$ , and in South-East Tirhut, also লাভ্যা  $loh\bar{a}m\bar{a}$ .
- 11. The wedge fixing the beam to the body (g).—North of the Ganges and in Shahabad and South Munger, this is  $\pi \in p\bar{a}t$ . Variants are  $\pi \in patt\bar{a}$  (Gaya),  $\pi \in p\bar{a}t\bar{a}$  (South Tirhut and Patna), and  $\pi \in p\bar{a}t\bar{a}$  (South Bhagalpur).

A second wedge is sometimes added, which is known as चें जो. chailī everywhere north of the Ganges and in Gaya and the southwest, and also as चें जारी chelkhi in South-East Tirhut. In East Tirhut it is also called चेरी cheri. Another name is पाच pāchar (in North-East Tirhut and Shahabad), or पचड़ी pachari everywhere south of the Ganges. In South Bhagalpur, it is called चपर पाडो upar pāto.

12. The peg (h) passing through the shaft at the end, to prevent the body coming off.—This is atta barain generally, or atta baraian

in Champaran and Tirhut; the latter is also used in South Munger. Other forms are बान baren in North-East Tirhut, बर्इन barhan in Saran, बरेनी baraini in Patna, and बर्ग baran in Shahabad. Other names are सभ धरिया sabha dhariyā, सत धरिया sata dhariyā, in Patna, and सभग्र sabhadhar in Gaya, because it holds the whole plough together. Also तरेल taraila in South Bhagalpur, तरेली taraili in South-West Shahabad, and इम्ना humna in Patna.\*

- 13. The iron clamp (i) for preventing the share falling off.—
  कर्जार् karvār or कर्जारा karvārā everywhere to the west. A
  variant is कर्जारो karvāri (Patna, Champāran, and West Tirhut).
  In South-West Shahabad it is also called ज्या khūrā. In Patna it
  is also called जॉका jonkā, and the same name is current all over
  Bihār. जॉको jonkā and जोसी chobhā are also used in South-East
  Tirhut. In North-East Tirhut a wedge is also used for the same
  purpose, and is called गांची gāsā.
- 14. The yoke.—North of the Ganges always ঘানী pālo; so also in Patna, Gaya, and South Munger, with a variant ঘান pāla in South Bhagalpur. In Shahabad and Gaya, the word is generally লুৱাত juāth, which is also sometimes used in Sāran and the east. Sometimes it is made up of two bars. The upper bar then is considered the yoke proper, and is hence usually called the লুৱাত juāth. The lower bar is generally तर्बेंदा tarsaila.

This double-bar arrangement is not commonly found in the plough yoke. It is more usually met with in the yoke for well irrigation (मोट mot); As a general rule पानो pālo or नुकाड juāth (according to locality) may be safely used for the single-bar plough-yoke and for the double-bar irrigation yoke, and नुका juā for the single-bar eart-yoke. See § 938.

- 15. The outer pins, which join the two bars of the yoke, are चेला saīlā or समें ज samaila to the west and क्लेज kanaila to the east. They are also क्लिक्स kankilli in South Bhagalpur.
- 16. The inner pins are समेल samaila or (Patna and the southeast) समेला samailā and (Gaya) समेथा samaiyā.
- 17. The leather thongs (j), which attach the yoke to the beam of the plough.—These are from Patna to the east of the South Gangetic tract, and in Champaran, नारन nāran, with a variant जारनी larani in

<sup>\*</sup> About हुम्ना humna there is a story of a Jolha (the proverbial fool of Bihar stories) who found a humna on the road and cried out in his foolishness प्रश्ना है दे के हुम्ना, खेलीकरब बनाय paon har ke humnā, kheti karab banāy,— I have found the rear peg of a plough, I'll turn a farmer at once.

North-West and South-East Tirhut, and optionally जारन lāran in South-East Bihār. नाधा nādhā and नरेजी naraili are used in Shahabad, and variants of the former word occur in जरहा ladaha (South-East Tirhut), जैधा laidhā or जाधा lādhā (North-East Tirhut), and जर जधा har ladhi or हर् नाधा har nādha over South Tirhut generally. नाधा nādhā is also used in Gaya. हर् नाधा har nādha in Sāran is only used when they are of string. When they are of leather, in that district, they are called द्वालो duālī. South Bhagalpur has होंडा donrā or जैधा ledhā.

- 18. The ropes (k) which go round the bullocks' necks.—These are everywhere except in the extreme west जाता joti. In the extreme west (Sāran, Champāran, and Western Shahabad) the masculine forms जाता jota, is the usual one. In North-East Tirhut they are also बनेज samel or बमें ज samail, and in South Bhagalpur फॉबर phānsa.
- 19. The projecting knob (i) in the middle of the upper part of the yoke.—Round this the thongs which fasten the yoke to the beam are fixed. This is everywhere মন্থাইবা mhaādewā. Variants are মন্থাইবা mahādeo (Patna and Gaya) and মন্থাৰ mahdawā (South Munger). In Sonth Bhagalpur it is মানাবাৰে manjhwāra.
- 20. The notches (m) near each end of the yoke.—To these the ropes which go round the bullocks' necks are fixed. These are खांड़ी  $kh\bar{a}nr\bar{i}$  in Patna, with variants खारी  $kh\bar{a}rh\bar{i}$  in South-East Tirhut and खेटी  $khenrh\bar{i}$  to the west. South West Shahabad has खड़ी  $khuddh\bar{i}$ . In Gaya the word used is जनीयो kanausi, and in South Bhagalpur खात  $kh\bar{a}ta$ , while समज simal or नज्दी nakti are optional names in South-East Tirhut.
- 21. The leaf of the yoke (n).—This is पत्ता pattā, पन्ना pallā or (in South-Munger) पत्तई palaī and (in Sāran) पाता pātā.
- 22. The trough in which the share lies when fixed in the body is स्त्रोज khol, or in South Bhagalpur स्त्रोज khol.
- 23. The bamboo whip with which the bullocks are driven is पैना painā, and its lash is इहिंद chhiti in North-East Tirhut. Other names will be found in § 98 and ff.
- 24. A drill plough.—This is generally टार् tar, with variants in South-East Tirhut टाँडो tānri and टोर् tor in South Munger. The share is टासडे tarasāi. खिला khillā is the nail which fastens the share to the body. The bamboo pipe is in West Bihār बाँखा bānsā, also sometimes बन्धा bansa in Shahabad. In East Bihār, this is generally चाँगा chongā, except South Munger, where it is इर बाँडो har chānri.

The cup at the top, into which the grain is poured, is in West Bihār साला mālā or सल्वा malwa. In East Bihār it is पेला pailā (sometimes spelt पहला pailā or पएला paela) or साली mālī. In South Munger, it is also उखरी ukhri, and in Patna अवसी akari.

25. The sharpening of a ploughshare is called as follows in the various districts:—

Shahabad : धार् पिटावल dhār pitāwala ; or in the south west of the district धार् फरगावल dhar phargāwala.

Patna : घार असरायन dhār asrāeba.

Gaya: असार् asār.

South Munger and South Bhagalpur: धार पंजाब dhār pajā va or खारा asār.

North of the Ganges generally : धार पिटावल dhār pitāwala.

Also, North-West Tirhut and Saran : धार पिचावल dhar pijawala.

North-East Tirhut : घार बनाएव dhar banāeba.

South-East Tirhut : फार् कराजायन phar karā lāeba.

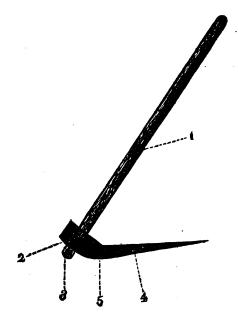
26. When a man wishes to plough deep he harnesses the yoke higher up the beam in the notches d. This is called in West Bihār बोगार augār. In North-West Tirhut it is called जगार lagār, and in the rest of Tirhut तास tarakh. In South-West Shahabad, it is called अवार्थिक्यं, in South Munger डाइर thārhā, and in South Bhagalpur डाइ thārha. Light ploughing is done in the converse way and is known everywhere as सेन sev, or in North-East Tirhut सेन seb.

#### CHAPTER II.—MATTOCKS AND SPADES.

- 27. A large mattook is in West Bihār and Gaya फोरा phaurā. Variants are फहोड़ा phahorā (Patna and Gaya), पहोरा phahorā (South Munger), फजोरा phaorā (Patna and Gaya), and फहरा phahurā or फड़ हा pharuha in Shahabad. In South-West Shahabad, it is फरसा pharsa. In Tirhut it is कहार kudār, and in South Bhagalpur and South Munger, कोहार kodār. Another name current in Gaya is का jhām or कामा jhāmā. In the same district, जोशी ābhi is a heavy kind of wooden spade tipped with iron for hard soils, and खुर की khurni or खहती khudni is a kind of spade.
- 28. A mottock with a narrower blade is जुदारी kudāri, कोदारि kudāri, or कोदारी kodārī. South of the Ganges it is also जुदाली kudālī.

जुदाल kudāl and जुद्द kudār are often used to signify also the smaller variety. In South Bhagalpur, it is उँडी कोदार thenthi kodār.

29. The handle is at bent, and the upper end of it, which projects beyond the socket, TT hara or T har, or (in South-West Tirhut) मृता mutha. Other names for this end are एका erā or खड़ानी arāni, and in South Bhagalpur utz pāta. The ring or socket in the blader to which the handle is fixed, is use pas or user pasa (or in South Bhagalpur पासी paso). In South-West Shahabad it is पँचौरी pamwanri and in South Munger (optionally) usizi pasātā. The curved part of the blade is in Saran and Patna well phari. Elsewhere, north of the Ganges and in South Munger, परकी pharki. In Patna and South Munger, it! is also called पत phal, in South Bhagalpur फरो pharo, and in Gaya फारी phāre. In Shahabad, it is धार dhār, and in the south-west of the district, EFH damph. The place where the ring and the blade meet is कारती kanthi in Patna and Gaya, नहीं nahin in Shahabad, सन् san or कारड kantha in South Bhagalpur, and Hasun in South Munger. In Saran the part of the handle which is grasped is मृड mūtha, and the corners कारन A new mattock is नव घर nawghara, and a worn one उँडो thenthe



<sup>. 1.</sup> Bent (handle).

The Mattock (Fhaura or Kodār).

<sup>2.</sup> Pasa (socket).

<sup>4.</sup> Phari (blade).

<sup>5.</sup> Kanthi (neck).

<sup>3.</sup> Hura.

#### CHAPTER III.—THE HARROW.

- 30. This is usually the flat plank, with (in the east) a grove along the underside. It is dragged along the ground to break the clods after ploughing, while a man stands on it to give weight. In West Bihār and in South-East Tirhut, it is called हैंगा hengā, and in East Bihār more usually चौकी chaukī or चौकी chaukī. In Patna it is also called धिसाने silawe, पटने patawe, or समाना lagāwari.
- 31. When drawn by one pair of oxen—one ox at each end—it is called हेंगी hengi in Champāran, हातेही dugorī in Tirhut, एक हर। ekaharā in South Bhagalpur, and होबरहा dobarada elsewhere. When drawn by two pairs of oxen—one pair at each end—it is called in North-East Tirhut चोगोहा chaugorā, in the rest of Tirhut चरगोरी charagori, होहरा do harāļin South Bhagalpur, and elsewhere चौबरहा chaubaradā.
- 32. The pegs to which the hauling ropes are fastend are generally खंडी khūnti. In Shahabad they are also called संद्वा sanrusā, and in the south-west of the district गुझी gullā. In Gaya they are बाँखा baunkhā in Patna and South Munger, बहुद्धा bahakha, and in South Bhagalpur करोरा ankora.
- 33. The halling ropes are, north of the Ganges generally, and in West Shahabad, at a barahi. North of the Ganges, they are also Engl hengahi. In Shahabad, chains used for the purpose are बी कड sinkar, and in Patna and Gaya alas sikara when used with four bullocks abreast. These words are also used in North Tirhut. In Patna they are also चौक नारन chauk nāran when of rope. In South-East Tirhut, they are also called मरिखर marikhar, and in South Bhagalpur जाडोरी jagadori. South Munger, they are सोकड sikar when made of chain, and मरिखर marikhar when made of rope, and Hantar majhautar, is the rope or leather strap joining the two yokes when four bullocks are used. So also in Patna and Gaya. The last word is समोतर majhotar in East Tirhut. East Tirbut, when made of leather, they are called मैरन mairan or मेदन merhan, and when made of rope बर हा barha or बरही barahi. Sometimes long strips of bamboo are made to serve as hauling ropes. They are then called in South Munger agel kudandi, in South Bhagalpur वंसजोती bansajoti, and elsewhere अरीजा araua.
- 34. The channel in the lower part of the plank to break the clods is in South Bhagalpur অষয় ghagharī or আছ ghāi, in South Munger আছেছা khadhaā, and elsewhere অভ্যা khaddhā. The channel is generally

the hollow of the stem of the talipot palm, the harrow being composed of the split half of a log of that tree.



- 1. Henga (harrow).
- 2. Khunti (pegs).
- 3. Barki (ropes).

#### The Harrow (Henga or Chauki).

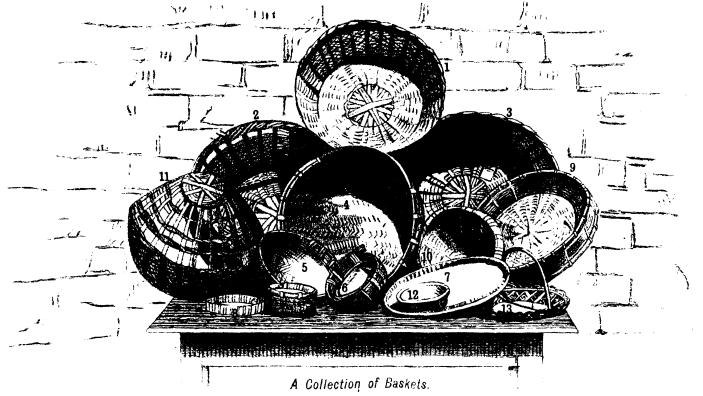
- 35. The cylindrical roller is rarely used in the field. It is called everywhere by a corruption of its English name, viz. In rol. The block itself is called unit pallā (Patna), and karī (Gaya), unstekathā in Shahabad, and unit lakri in Sourh-West Shahabad. Elsewhere it is simply at chaunkī or chaukī.
- 36. Sometimes the harrow is made of two parallel planks joined together. This is called हेंगा hengā or चौकी chaukī, &c., as above.

#### CHAPTER IV.—RAKES USED IN FIELD WORK.

37. Rakes are seldom used. Sometimes a bundle of thorns is dragged over a field to soften the surface when it has been baked hard by the sun after rain or irrigation. This has no special name. In parts of Tirhut, the कार्टा kantā or खारेगे khakhornī is a sort of rake or harrow worked by oxen to loosen the soil and extricate weeds from a crop of young rice. A पन्परिया pachphariyā or (in Sāran) गेल्ड्सी gelhani is a kind of plough with five shares used in indigo factories.

## CHAPTER V.—PICKAXES, PITCHFORKS, &c.

- 38. A pickaxe.—North of the Ganges this is nat gaintā, south of the Ganges it is nat gainta or nat gaintī. In South Bhagalpur, it is nat gainchā, and in South Munger mat gātā.
- 39. The dredger, used in well-sinking, has various names. In Shahabad, Sāran, and South Tirhut, it is चवन chalaā, and in Champāran



l.	Chhainta.	made of	split bamboo.
2.	Ditto	33	ditto, woven up with tal fibre.
3.	Ori <b>ya</b>	٠,	split bamboo.
ł.	Daura	,,	ditto,
5.	Dauri	٠,	ditto, strengthened with tal leaves.
•	m 11		1'4 11 .

Dauri , ditto, strengthened with tāl leave
 Two ditto , split bamboo.
 Dagra , ditto, edge sewn with rattan.

8. Dagri, made of split bamboo, edge sewn with tal leaves.
9. Dūla split bamboo.
10. Tokri tal slips and bamboo.
11. Tāp bamboo slips.
12. Sikahuti munj grass.
13. Phuldāli flower-basket

- तरहो tarchlī. In North-East Tirhut, it is छोटी chhītī, बनुकी kathulī, or पश्चिम pathiya. छोटो chhītī is also used in South-East Tirhut, where also occur बन्नत् kathawat and (also in Shahabad) तमाहो tagāir. Elsewhere south of the Ganges, it is मैता gaintā or हान्तो khantī, and in South Munger, छोटा chhītā.
- 40. The pointed iron spear for tapping the well-apring also has various names, viz. खाटा khuntā north of the Ganges generally, गनासा gajārā in Sāran, and गामनो gobhnā in South-West Tirhut. In Gaya, it is स्थाना khobhanā, and in Shahabad खोमन् khobhan, but in the south-west of the latter district, it is जरहा luraha. In South Munger, it is सम्ब debhan, and in South Bhagalpur, it is गनासा gajārā or इन्ती khantā.
- 41. The hooked stick for pulling down fruit from trees is generally लागा laggā or जागी laggi. The hook of this is चाँचा ankusī or (in South Bhagalpur) जानी kānī. The long pole with a small net at the end to catch the fruit as it falls, is भोजा jholā, खाँची khonchī, or (in Sāran) भोग jhorā. Another optional name in South Munger is जन्हारी jukhānī.

The short stick thrown up into fruit-trees to bring down fruit is स्व इच्चा jhatahā, and also (in Sāran) जासी lagūsī.

#### SUBDIVISION II.

# IMPLEMENT USED IN SOWING, WEEDING, AND IRRIGATION.

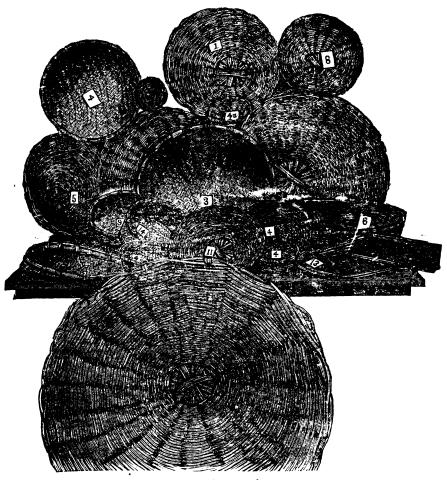
#### CHAPTER I.—BASKETS.

- 42. Baskets are generally woven of bamboo slips or twigs. Unless otherwise stated, this may be assumed of all the following.
- 43. Baskets used specially by the sower are called generally बाहा orā, बाहा ori, or बाह्या oriyā (sometimes made partly with the fibre of the leaves of the tāl palm); also we meet, to the west, छूटो chhaintī, and to the east छोटा chhitā (a large one), छोटो chhitā (a small one), or दौरी daurī. South of the Ganges, they are also called in Patna बटटा tattā (also in Shahabad) दौरा daurā, or दौरी daurī (sometimes made of the culm of the sik grass, andropogon muricatum), in Gaya (also in North-

East Tirhut) पश्चिम pathiyā (also used for feeding cattle), and in South Munger के चिया khanchiyā. The only difference amongst all these is that in the case of the दौरा daurā and दौरी daurī, the bottom is woven of bamboo slips, like a mat.

- 44. There are likewise several other kinds of baskets, used indiscriminately for this and other domestic and agricultural purposes. Thus, small straw grain-baskets are चाँची changeli or च गरी changeri, and sometimes sin dali or single daliya, especially towards the east. In Patna and South Munger, they are called बढरी batari. Another very similar basket (but still smaller) is called very generally मान mauni or मी (नवा maunniyā, also वटटा battā in Patna, Gaya, and South Munger, and पुल की phuluki in East Tirhut. A large open basket made of split twigs of bamboo generally woven up with the fibre of the leaves of the tal palm is called 27 set tokarā, Gran dhākā, Gran dhākī, स्रोहा orā, or केंटा chhaintā. A smaller variety is called गाँचा gānjā, टोकडी tokerī, एकिया dhakiyā. When the bottom is very finely woven so as even to hold water, it is called ब्रोइंसा oraisā. The धामा dhāmā is an open basket made of rattan. The ट्रिंचा khaincha or छ। वा khancha is a large coarse basket made of twigs of cylisus cajan (rahar) or tamarisk (ihāu). South of the Ganges, we also find ड ली delī. A smaller basket of the same lind is known as खाँची khānchi (also खाँमा khānjhā in North-East Tirhut), दंचिया khanchiya, छाचीली khacholi, पष्टला pathuis (Gaya), नोनोहारो nonihāri (Patna), or (South Bhagalpur) इसहरिया damahariyā. The Enti dagarā, Enti dagari, also called south of the Ganges दौरा daura, दौरी dauri, or (in South Bhagalpur) डाला dala, is a large shallow basket. These are all made of either bamboo twigs or slips, except the दौरा daurā or दौरी daurā (see above). In Shahabad. कत्र karui or डीकी doki, and north of the Ganges सिक्टती si kahuti or सिकौती sikautī, is a little basket made of the stalks of the mūni grass.
- 45. A broken basket is दिना chhitanī, or in Gaya छतना chhatanā or in South Bhagalpur छितना chhitanā.\* The आँपो /hampi or आँपिया, jhampiyā is a little basket with a lid. It is also called पौता pauti or पौतिया pautiyī (being then generally made of mūnj grass) and पेटारो petārī (made of bamboo or rattan). A larger kind is called आँग jhāmpā. The lid of all these is called पेदानो pehānī or आँप jhāmp. देवा thaichā or पँगार changor, or in Shahabad देवा thainchā or देवा thinchā, is a kind of large open basket. प्रवहावो phuladālī is a flower-basket.

<sup>\*</sup> A common curse amongst Gaya women is व्हितनी बढ़नी खात्राउ chhitani, barhni lagau,—may your wealth be swept away.



From a photograph.

### A Collection of Baskets and of Other Articles of Basket-work.

- Oriya.
   Chhaintas of various sizes.
- 3. Daura.
- 4 & 4a. Dauris of various sizes.
  - 5. Deli.
  - 6. Khaincha.

  - 7. Tap. 8. Tokri. 9. Dagri.

  - 10. Dagra.
    11. Tarāju (scale-pan).
    12. Kolsup. } (Winno
  - 13. Sup.

  - 14. Chalni (sifting sieves).

#### MATERIALS.

Nos land S are made of split bamboo twigs, woven up with the fibre of the leaves of the tal palm.

4a, of the culm of the sik grass (andropogon muricatum).

5 & 6, of tamarisk (jhāu'.

7, of rahar (cytisus cagan).

11, of bamboo twigs.

13, of sirki (the upper joint of saccharum procerum).

(Winnowing sieves). The rest are of bamboo slips.

साजी कांग्रे is one with a handle, In North-East Tirlut, सरोर mator is a basket used by betal-growers (बाई barai).

- 46. For  $del\bar{\imath}$  is the basket employed by coolies when working on roads. In the North-Western Provinces, the same word is used for a basket in which wild fowl, fish, or young pigs are kept.
- 47. A winnowing-basket or sieve is कोलस प kolisupa, or in North-West Tirhut सगरा dugarā. A basket for sifting grains of various sizes is मूप sūp. A scale-pan is तराज taraju or तराज्ये tarajui.
- 49. South of the Ganges भोकी bhaunki is a large basket with a narrow mouth. तारीना taraunā in Gaya is a basket male of tamarisk for carrying refuse, and in Patna नोशिया bogiyā is a small baske for cowdung. In South-Fast Tirhut, नांग chang is a large baske equal to four दोक्टी tokari for carrying chaff. टंगीर tangaur is a similar kind, but made of rāhor. and rougher
- 50. In Sāran, বাছা tarachha is a basket used in weeding poppirs. তাৰ্ tāpā, তাৰা tāpā, or তাৰ্মী tāpī, or (in South-Fast Tirhut) ছৌৰ্ khomp, and in Sāran সাব্ jhāmp, is a basket under which chickens are kept. These are generally made of rahar (cytisuscajan).
  - 51. बता batti or बाती bāts are the twigs used for weaving baskets.

#### CHAPTER II.—BROOMS.

- 52. These are used for various agricultural and domestic purposes.
- 53. The ordinary sweeper's broom is সাৰু jhārā and সাজ্যা jhāruā or সাৰ্থা jhāruā. In South-West Shahabad, it is also called ঘ্ৰা sethan, and near Ara, কাঁয়া kūnchā South of the Ganges, to the cast, it is called খালে borhan or বালে borhani.
- 54. The broom used by women in sweeping out the house and also by sweepers is ৰানে barhani, or in North-East Tirhut, also বানে bārhan or বাৰে bārhani. According to Crooke, it is so called because the family is supposed to prosper (barhnā). It is also called towards the west কুৰা kunchī.

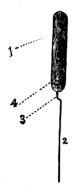
55. The broom used for sweeping up the grain on the threshingoor has various names. North of the Ganges, in Saran, it is terre sirahath, and in North-West Tirhut साइध् sarahath. In Champāran, it is खर इरा kharaharā, and in the rest of Tirhut खरें। kharrā. South of the Ganges it is, in Gaya and South Munger, जूचा kūchehā, in Shahbad जूचा kūnchā, and in the south-west of the district कुची kunchi or संधन् sethan. In South Bhagalpur, it is आदे jhatai or खंदर kharanharā.

- 56. The broom used by grain-parchers for turning the grain which is being parched, is आव jhāru in Patna and Gaya, बढ़ना harhanī in the south and east generally, अरना laranā in North-East Trhut, दियनी chhipani in South-East Tirhut, चलीनी chalaunī to the west of the North Gangetic tract, and in South-East Bihār में जनाठी bhunjanāthī.
- 57. The long twig broom used for sweeping up leaves and rubbish is north of the Ganges, to the west, खर्दा kharharā, and to the east खर्। kharrā. South of the Ganges, in South Bhagalpur, it is खर्दा kharharo; but in Patna, भाँदा jhāntā, in Gaya, भाद jhāru, in Shahabad सिर्धत sirhat or भाँखी jhānkhī, in the south-west of the same district, खर्बा jharnā, and in South Munger, भाँदा jhāntā or भाँदी jhataini.
- 58. To sweep is in Patna and Gaya, बोहार्व bohārab or वाद्व bārhab; the former is also used in the south east. To the west, it is बहारल bahāral, and in Tirhut बादव bārhab, मारव jhārab, or मारि मारि द्वं jhari jhuri deb.

CHAPTER III.—IMPLEMENTS USED IN WEEDING, &c.

59, The खुर्पा khurpā is a sort of hoe used for loosening the earth round young plants or in weeding.

60. Of this, the iron blade is stur khurpā, or in North-East Tir.



- 1. Bent (handle).
- 2. Khurpa or khurpi (blade).
- 3. Naror danri (spike).
- 4. Sam(ferule).

The Hoe (Khurpa or Khurpi).

hut, पारे क्र pāsaunga. The handle is बेंट bent. The iron ring-fastening in the blade is साम sām or सामी sāmē, and also in Shahabad, द्वारा churiyā, and in the south-west of the district में हो mundri. The spike of the blade which goes into the handle is north of the Ganges, नार nār, and south of it नार nār or सारो dantē or (South-West Shahabad) डॉड्री dānrē. Towards the east, we find, north of the Ganges, an optional variant सार lar, and in South Bhagalpur सार्व lārū.

61. A smaller instrument for scraping grass or weeding is called

when the blade is curved, खर्पो khurpi, and (south of the Ganges) when it is straight पस्नो pasnī. An optional name for the curved variety in Gaya is वैज्ञासा bankūā.

# CHAPTER IV.—IMPLEMENTS USED IN CONNECTION WITH IRRIGATION.

- 62. The beds formed in a field for irrigation are called বিষয়ে kiyārī. In South Bhagalqur, they are called বিষয়ে keārī. In South Munger, মঁহামা ganṛārī are smaller sized beds for the same purpose.
- 63. These are made with an implement with a handle and toard fixed at the bottom, like a rake without teeth. This is worked by a singleman, much as a rake is used. In the North-Western Provinces it is usually pulled with a rope, but not so usually in Bihār. It is called generally to the south of the Garges usel pharuhī, and in East Tirhut usel pharuhā. North of the Garges, to the west, it is called usel pharuhī. In South Bhagalpur, it is called usel pharuā, and in South Munger, usel pharahī. In Gaya it is called usel penranī.
- 64. A wooden shovel used in distributing the water in a field is called ছ্যা hathā or ছয়া hatthā. South of the Ganges, it is also called আমা ābhā, in South Bhagalpur হিন্তা chhittā and in South Munger করীয়া kathauā.
- 65. Other appliances used in connection with irrigation from wells, tanks, or streams will be found in the chapter on irrigation,

#### SUBDIVISION III.

#### APPLIANCES USED IN FIELD WATCHING.

### CHAPTER I,-THE SLING.

66. This is generally তলমাৰ dhelamās or টলৰাৰ dhelawāns. In Patna, Gaya, and (optionally) Shahabad, it is also called টেকবাৰা dhenkawāns. Another name current in Shahabad is ইক্সাৰ dhekuās.

In South East, Tirbut, it is also called টেলীহা dhelauri. In South Munger and South Bhagalpur, it is ভিটাই dingor, মুলল gulet or to the east, মুললা guleti is a pellet-bow.

#### CHAPTER II .- THE SCARECROW.

- 67. This is generally মুহ dhuh মুহা dhuhā, or মুহা dhuā. In Patna, it is মুবলা putalā, and in Gaya চহী dhahā.
- 68. A scarecrow pulled by a string and hung on a tree is north of the Ganges ट्वट्वर dhabadhahawā, उत्तरा thakarā to the west, एकट्विया dhakdahakiyā in South-West Tirhut, अज्ञासो akāsi in South-East Tirhut, and elsewhere, तारक छ्वा tārak chhajā or प्रा dhāā. South of the Ganges, it is in South-West Shahabad, सम्भाषा damhauā, elesewhere in the district, समनो damko. In Patna, it is सम्जोता damkaulā and in Gaya एक जीया dhalkauā. In South Bhagalpur and South Munger, it is हा जा or हड़ बा harkā.
- 69. Cultivators also usually put an old black earthen pot in a field to keep off the evil eye, which is called in Tirhut टोट् का totkā or in North-East Tirhut तोचा taulā. South of the Ganges, we find also टोट का totkā, with variants टोट मा totmā (Gaya) and टोट वा totwān (South Bhagalpur). In Shahabad it is called टोवा tonā of नचा गोचा nojur gojar, and in South Munger नजा गुजा nojar gujar. Another general name is करिखाद चाँड़ी karikhāi hānri or काखादि इंडिया karkhālā hanriyā, from करिखा karīkhā or कर खा karkha, 'soot.' Local variants of this last word are कर खो karkhā (Shahabad), कारिख kārikh (Gaya), and कर खो karkho (South Bhagalpur) Generally this pot is 'marked with lime (चुना chunā). Thus, a man of Ara would say इंडिया में करिखा बगाकचुनाक टोकर के खित में चे अवन जाजा hanriyā men karikhā lagā ke chunnā ke tik de ke khet men dhai āwal jālā,—he has come back after setting up in the field the rot on which he has laid soot and marks of lime.

### CHAPTER III.—THE WATCHMAN'S PLATFORM.

70. This is known as सचान machan, with an optional variant मांच manch in the west.

- 71. The shed over the platform has various names, viz. north of the Gangee miner i hompari and wind khampari generally, wut chhapri (North-West Tirhut), with ichhahi (North-East Tirhut), and will lagauri (South-East Tirhut). South of the Ganges, we have wut chhaparā to the west and norukā and wull chhaprī to the east.
- 72. महदे marai and also (in East Tirhut) मर्रा marra, मोदिया çohiya (South-West Tirhut) and प्लानी palani, is a shed on the ground without any platform

#### SUBDIVISION IV.

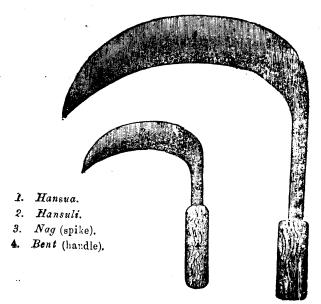
#### IMPLEMENTS USED IN HARVESTING.

#### CHAPTER I.—THE SICKLE OR REAPING-HOOK,

These are either toothed or with a sharp cutting edge.

- 73. (a) With a sharp cutting edge.—These are everywhere इंसुद्धा hansuā. A kind with a heavier blade is called पचरिया paghariyā or पचरूका pagharīvā, or बचरा badharā, बचरा badharī, बचरिया badharīyā or बचार badhāru. It is also called in East Tirhut चंगिया sargiyā, in South Bhag alpur डाब dàba, and in Gaya चिलोही chilohē.
- (b) With teeth.—These are called হ'বুলা dantulā, from হাঁন dānt 'a tooth.' They are also called ক্ৰিয় kainchiyā, of which ক্ৰিয় kachiyā is a variant in South-East Bihār.
- 74. इंस्की hansuli is a small sickle without teeth, principally used by girls for cutting spinach (साम sāg), and by toddy-sellers (पासी pāsi) for cutting palm-trees. The uससल pahasul is a fixed upright sickle, which is kept in position by the foot resting on the wooden base in which it is fixed, and is used for cutting spinach and other vegetables. In Patna and Gaya, कसा kotta is an instrument used by Doms for cutting bamboos and क्योंचा kyonchā is an instrument for barking wood
- 75. The above names are also used for the curved part of the blade. The straight part of the blade is called  $\pi(\bar{x}, n\bar{a}r)$  or (to the east)

बार lār. Other names are डाँड़ी dānri (South-West Shahabad), निया narijā (Gaya), and माच nāb (Patna). The handle is बेंट bent.



The ordinary Sickle (hansua), and that of the Toddy-seller (hansuli).

# CHAPTER II.—RAKES USED ON THE THRESHING-FLOOR.

76. This is चार्रेना akhainā. It is a kind of hooked stick used for pushing the sheaves under the bullocks' fect while the grain is being trodden out. This word is only used south of the Ganges. Lo al variants are दिन्। khenā and चार्रेना akhenā (Patna, Gaya, and South Munger), चार्रेन akhaina in South-West Shahabad, and उत्तेनो ukhaino in South Bhagalpur. When it has five prongs, it is called u चार pachakhā north of the Ganges, in South Munger, and in Shahabad, and utar pānchā also in the last district. This is also called in South Munger utae jānchakh.

#### CHAPTER III.-GRANARIES.

77 These are of four kinds-

lst.—A structure of straw or brushwood in the open air.—
These are बखार bakhār, बाखरो bākhārī, or काँडो kothi. Local names are berhi north of the Ganges generally, उन्न thek in South Bhagalpur, and बहारी balarī (also in South Bhagalpur) or मनहर munhar

in South-East Tirbut. In Tirbut, a मोली golī is a round कीर्टी kothi जब रा jabrā in Gaya is a small granary.

2nd. Upperground plts for storing grain.—These are everywher 6 खाइ khād, and also (south of the Ganges; खता khattā or खता khātā, local names are चौर chaur in South-East Tirhut, माट māt in Gayas and खाध khādh or खाधा khadhā in South Bhagalpur.

3rd.—Granaries inside the house.—In Sāran, উল্থা dehrī is a small circular closet for holding grain, and is generally made of wattle and mud. The কাটা kothī, কাতিবা kothīla, or কাতিবা kothīlī is every where generally made of sun-baked mud, and is larger.

4th.—A space surrounded by mats for holding grain is ত ক thek A granary made of straw only is in South Bhagalpur ৰৌৰ্থ khonchari and in South Munger ৰাঘ bāndh.

78. The support of the granary is गोड़ा gorā generally. Local optional names are व स्ना besnā (South-East Tirhut), व सक् baisak (East Tirhut and South Munger) खरा khūrā (Patna), and खोटा ota (Shah-

abad).

- 79. The cover of a कीटो kothī is everywhere except in South-East Bihār पेहान pehān or पेहना nehanā. In Sāran and Gaya, it also means the plug or stopper (see § 81). Local names are कारना jhapanā (South Tirhut and South Munger), प्रमा dhapanā (East Tirhut and South Bhagalpur), and चाक chāk (Patna, Gaya, and South Munger). The opening coverel by it is में ह खड़ munhkhar in Sāran. In the same district the cover of a बढ़ारी bakhārī is खाँग khomp.
- **80**. The bottom is called everywhere पँद pend, पँदा pendā, पँदी pendi, or पेनी penā. The South Bhagalpur form is, however, पँदी pendo.
- 81. The hole through which the grain is removed is generally अ न an or आना ana, local names being आधन aen or मोहला mohakha in East Tirhut and Patna, and सुद्ध munh north of the Ganges. The plug for filling the hole is देवतन debkan, or in the south-east म इन mundan. In Saran and Gaya, it is also पेष्ट न pehān (see § 79), and in South Bhagalpur देशी thepi.
- 82. A heap of grain is ট্রী dherī or মাধ্ rās. In Gaya it is also বিজ্ঞান. In South Munger a small heap is called ক্সাই kuddī.
- 83. Various earthen vessels are used for holding grain. These are north of the Ganges generally कूड़ा kunrā. माट māt, घेला gharlu, or इंड्या hanriyā, मटका matukā क्रोंट chhonrh, केला cherui are also used, but principally to the west. South of the Ganges, we have चल्या charua

- खुम khum, खोरा khorā, and महको mataki in Patna, Gaya and South Munger (the last two also in Tirhut); द्वांड् vhhonr in Shahabad, and क्रुड़ो kunrī in South Bhagalpur.
- 84. The covers of these are the same as those mentioned above; the local names are इक्त्वा dhaknā (Shahabad), भाका ना jhaknā (East Tirhut and Gaya), and मुन्दन mundan (East Tirhut and South Bhagalpur):
- 85. An earthen curboard similar in shape to the কাতিলা kothila but used for keeping cooking pots and card-dishes, &c., is called অন্তা jabrā.

# SUBDIVISION V. IMPLEMENTS AND APPLIANCES USED IN CONNECTION WITH CATTLE.

#### CHAPTER I.—THE FODDER-CUTTER AND TROUGH,

- 86. This is মঁড়াৰ ganrās, মহাঁৰ garāns, মঁড়াৰা ganrāsā, or মঁহাৰা ganrāsā. Local variants are মঁড়াৰ ganrīsī, in North-West Tirhut and মন্ধা garānsā in South Tirhut. The word মঁড়াৰা ganrāsī is the usual one. It has a short, heavy handle. Other similar implements are হাৰ্ dāw হ'মাড়া tangārā (Tirhut), and (in Patna, Gaya, and South Munger কালুই kākūt or কালুই kānkūt. The মঁড়াৰ ganrās and মঁড়াৰা ganrāsā are properly, heavy implements at the end of a long handle, four or five feet long. They are weapons rather than fodder-cutters.
- 87. The heavy wooden part immediately over the blade of the folder-cutter is called जाली jāli' जलिया jalıyā, मुँगी mungarī. Some times, especially to the east, it is simply called वेंड bent,
- 88. The blade is गंडासी ganrāsi, &c., as above. The handle is nort of the Ganges मुठ muth, or मूठी muthi and south of it वंड, bent.
- 89. The knob at the end of the handle has various names, viz. एड्र erā north of the Ganges generally, इर hūr in North-East Tirhut उस्ता thekwā in South-West Tirhut and in Shahabad, and आर क ārhak in South-West Shahabad. Elsewhere no special name has been noted, unless we include मुड muth and मुडिया muthiyā in South-East Bihar.
- 90. The spiked part of the blade, which goes into the handle, is खरा khurā or खरी khūrī to the west generally. Also, north of the Ganges, to the west, भोड़ा gorā, and in North-East Tirhut चोभी chobhī

A very general name is নাৰ্ nār (East Tirhut, Patna, Shahabad, and South Munger), নাহী nārī (Gaya), or আছে lār to the east generally.



Fodder-cutter (ganrasi) and block (theha).

- 91. The block on which the fodder is cut.—This is north of the Ganges and in Shahabad ইছা thehā. Another name is परिষৱ parīkath (Shahabad and North-East Tirhut), परিষৱ pariath (South East Tirhut and Gaya), पर्वाद्दी parakattho or पर ত paraitha (South Bhagalpur), and uহ্লা parhatā (South Munger). Other local names are কুল্লাইন kutukatana (Shahabad) and বিষয়ে মটামান (South-West Shahabad).
- 92. The feeding-trough—When made of earthenware, this is hit nad or the nand generally, a local variant being with lad or with two death.
- 93. In Champāran and North-East Tirhut, पाँच या prthiyā is a basket used for the same purpose; elsewhere it is आईसा oraisā. In the same tract, a wooden trough for feeding cattle is called नाच nāw, a general name for the same being सदरा katharā. In Shahabad चरन charan or चरनी charani, in Gaja गौरी gaurī, and in South Munger शोड़ी gonrī, mean a long feeding-trough of sun dried mud.

#### CHAPTER II.—THE MUZZLE AND BLINKERS.

- 94. The net cattle-muzzle, which is put on them when treading torn and at other time, is  $\forall i \neq j \neq k$ ; local variants being  $\forall i \neq k \neq k$  (Gaya) and  $\forall i \neq k \neq k$  (East Tirhut, Patna, and South Bhagalpur) North of the Ganges (to the west)  $\forall i \neq k \neq k$  means a smaller muzzle put on calves to prevent them eating earth. Instead of  $\forall i \neq k \neq k$  and  $\forall i \neq k \neq k$  is used in South Munger. Alti mohari in Shahabad is a rope attached to the head-rope of an animal to prevent it opening its mouth too wide.
- 95. The conical wooden frame put on a calf to prevent it sucking its mother is  $\sqrt[3]{a}$ , with for local variants  $\sqrt[3]{a}$  (Shahabad

and the east) and होनो dilo in South Bhagalpur. In South Bhagalpur, another name is क टे लो kantelo.

- 96. In Patna दाडी dhāthi is a piece of wood tied round a bull-ock's mouth to prevent it eating. Elsewhere strings are used, and are called in Tirhut बे रुझा beruā (west), काई kajaī or जगामी lagāmī (southeast), टेमा tema, (north-east), and ज्ञा jūnā (east generally).
- 97. Blinkers for cattle are in Sāran and Champāran अन्पट् anpat, and in Tirhut and the south-cast खोल्या kholsā. To the east generally they are also खोल khol or खोला kholā. In Shahabad they are छोपनी chhopanā or नोक्ता nokta, in Patna अधियारी andhiyārā, and in Gaya अधि जो andhelā. In Patna टोक्नी tokni or खोला kholā are the blinkers used in oil-presses or sugar-mills. The cloth tied over the blinkers is अधि हैं देनी ankhamundnā.

#### CHAPTER III.—THE WHIP AND GOAD.

- 98. The whip used in driving bullocks is पेना pena or पेना painā.
  The latter is sometimes spelt प्रना paënā.
- 99. Its lash is generally चाम क् chābhuk, with a variant चमुको chabhukī in the north-west. In North-East Tichut it is इट्टि chhītī. चाँटा sāntā is found in South Bhagalpur, and local variants of this are चाटा sātā in Saran and South Tirhut and चट्का satkā in Shahabad. क्या chharhi is used in Patna and Gaya, and मिही jhittī in South Munger.
- 100. The thong at the end of the lish is स्तब्ब jhabbā in North-West Bihar, (तरह (the knot) in North-East Bihar, प्रन्ता phunnā in Gaya, फिल् phik or पुर्ता phudnā in South Biag Ipur, and पुर्ता phundanā in Shahabad.
- 101. The spike at the end of the stick is आर्ड्रे araī, of which आरोआ arauā is a local variation in Patna and South Munger and आर् ār or आरआ aruā in South Bhagalpur.
- 102. An elephant-goad is अङ्ग स् ankus or आँजुस ānkus. A spear for driving elephants is भाजा bhālā, बरहा barachhā, बरही barachhī, or (in Shahabad and East Tirhut) बरज म ballam. Another name is गजान gajabāk or (Patna and Gaya) गजाग gajabāg. The wooden club studded with iron spikes, with which an elephant is beaten over the tail, is simply सुजार mukadar. The अञ्जारी akuri is a wooden goad for young elephants, and when made of bamboo, it is called (in South-West, Tirhut) कार्र kanār.
- 103. sin dang (East Tirbut and Patna), sin deng (Gaya), and size sontā, are short sticks which may be used for driving cattle

ছাञ्चन् chhākun, इञ्जनी chhakuni, or (South-West Shahabad) इटिवन् chhitkan, and (Gaya) पिटीर् pitaur, are twig whips used for the same purpose.

104. A horse wh'p is कीरा or कीड़ा korā or चादुक chābuk, and a spur वाँटा kāntā.

#### CHAPTER IV —HOBBLES FOR CATTLE.

- 105. These are छान् chhān or छाँद chhānd. Other local words are पें poirh or पेंडा pairhā or (in East Tirhut) पेंकर paikar or पेंकर painkar. and (in South Bnagalpur) गोइ। नी gorāni.
- 106. A piece of wood tied to the reck of a vicions or runaway-animal is दे कर thekar or (to the west) उक्र thakar. In South-We t Tirhut, it is दोक्र thokar, and in North-West Tirhut. दोक्रा thokarā. In Patna it is दे करा thekarā, and in South Munger, दे कर thekur. North of the Ganges we often find मुँगरा mungara or मुँगरी mungerī, and other local names are हाउन् dagaran (Gaya) and गरहर garahar or गर्हे विद्यानिकार in South Bhagalpur.
- 107. A cattle chain is सिकार sikkar, सीकार sikar, सिकार sikara \* or सिकारी sikarī. Sometimes these are spelt with a dotted r: thus सिका इ sikkar, &c.

### CHAPTER V.—ROPES.

- 108. A. Those used for cattle.—The rope of tethering cattle is everywhere पমন্ত pagahā, and also in South Bhagalpur লাহ jor or মঁতা genthā. In Sāran and Gaya, it is also নাম্ভা tagahā. The kaots or loops by which they are tied are লাহ jor or তাৰ্ব thekā.
- 109. In Gaya and the scuth-east, सेनो seli is a hair string tied from the neck to the feet of a calf when milking a cow. In Gaya it is also called संब sel.
- 110. A tethering-rope, by which cattle are tied to a peg, is क्रान chhān generally, or (locally) महा gūrhā (North-West Tirhut, Gaya, and Shababad), मोइंच gorānw (South-West Shahabad), मोइंच gorān (Patna and Gaya), मोइंचन gorāwan (Gaya and South Munger), दिशालीर derhaurājor (Gaya and North-West Tirhut), मजी malau. (South-East Tirhut), जोर jor (Champāran and North-East Tirhut), and जोरो joro or मोइंग्ने gorānā (South Bhagalpur). Most of these

<sup>\*</sup> As in the proverb गरहा गेलाइ सर्ग, छान् जगले गेलेन्डि gadha gelāh sarag chhān lagle gelainhi,—the donkey went to heaven and took his bobble with him; i. e, vices follow one to a future life.

refer rather to the kind of knot or loop with which they are tied than to

the rope itself.

- 111. A double tether for wild cattle, held by two men round the animal's neck, is north of the Ganges दोबागी dobaggē, or in South-East Tirhut दोबाबा dogahā, in North-East Tirhut दोबाबो, dobagalē. in North Bhagalpur दोबागी dobāgi, and in Sāran द्वाची dubagalē. South of the Ganges क्र्को chharkē is used in Gaya and Munger in the sense of this method of attaching ropes. It is also used for the mode in which a log is attached to an animal's neck.
- 112. নাঘ nāth is a head-rope for cattle, passing through the animal's nose.
- 113. खगाइ (or अगार) agār or अगाड़ी (or अगारी) agār ī is a head-rope for horses, a local name being गन खोर galkhor în Gaya and Shahabad. पिछाड़ी (or पिछारी) pichhārī is the heel-rope, which is also called (north of the Ganges) पछाड़ pachhār. बाग डोर bāgdor is a rope for tying horses तांत tānt or मोजम्मा mojammā is the thin leather rope tied round the horse's hocks. The halter tied round a horse's neck is गरींधन garaundhan [गर्दांच garadānw, or (in Shahabad) गर चौंघा gar aundha, and (in North-East Tirhut) गर्दम gardam.
- 114. To the west and north, पेकर् parkar, पेंकर् painkar, or पेंकरा painkarā is a head-chain for a camel, while to the south-east it is used for elephants. It is also used by travelling merchants for cattle. नकेंक. makail, नकेंक nakel, or in Saran नककोंक nakalol is the nose-rope of a camel.
- 115. B Ordinary ropes, —An ordinary rope is स्मी rassi, स्वी rassi, स्वी rassi, स्वी rassi, स्वी dor, होरी dorī, or ज वर् jemwar. जोर् jor is also used, and (in Tirhut, Patna and Gaya) जोरी juuri.\* स्मा rassa is a cable. A ship's cable is जहासी lahāsī, or in Sāran जहास lahās; and a two-rope, मून gūn or (in Gaya and the south-west) गाँच gon में ता gainta in Gaya is a rope for carrying beams. A coil of rope in the same district and in Champaran is अर्चीका ghurchīlā. For the ropes used by a पासी pāsī or toddy-seller see § 375. The string used in drawing water from a well with a brass vessel (जोटा lotā, &c) is called डोरो dorī; while the general name with other vessels is उन्हन् ubahan, उन्हन् ubahani, or (in South-Bhagalpur) उन्हन् ubahain, and in North-East Tirhut उन्न ughen. The knot round the neck of the vessel is north of the Ganges and in Shahabad जार्म ardwan, and in Patna, South Munger, and South-East

<sup>\*</sup> As in the proverb जीरी जरि शेख, ऐंडन डामे iauri jari gel,ain'han thame the rope may be burnt, but the strands remain (even though reduced to ashes); i.e., a rich man come down in the world retains his prid.

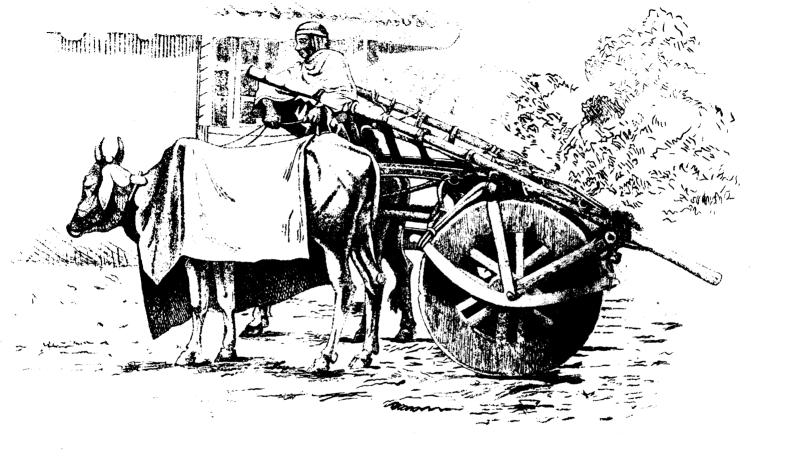
- Tirhut रोशा rannā. Other lecal names are पान phanāki (North-East Tirhut), पंदनी phandanī (Gaya). पांच phāns (East Tirhut and South Bhagalpur), and पंचर गांचा phansargāli in Gaya and South Munger. A small piece of roje attached to the vessel and then ticd on to the regular well-rope is generally पन्होर punchhor. A local name is होरी chho i (Champāran and South-East Tirhut). Its knot is मुधा mundhi in Tirhut and the north-west, and हो muddhī in Shahabad. A thick well-rope is रसा rassā or नरहा barhā.
- 116. The rope which is used in working the irrigation lever (আতা lathā, &c.) is ৰাষ্য barhā, with an optional variant ৰাষ্ট্ baral in South Munger. Other names are ছখৰাছী hathbarhā, and in Champāran and North-East Firhut ভ্ৰছিৰ ubahani. The short rope joining it and the bucket by a slip-knot is uৰ্ছাৰ panchhor or ছাবা chhorā everywhere with the following local names:—ছাব chhor (South-West Shahabad), জালা jotā (Sāran, Patna, and Gaya and the south-east), জালা jotā (Shahabad and South Munger), ৰাষা nāthā (optionally in Gaya), ৰাষ ৰ nathān (optionally in Sāran), and ৰাছা bagahā (South Bhagalaur).
- 117. The strings used in working the irrigation swing baskets (ভাৰ chānr, &c) are known as ভাষ্ dor or ভাষা dorā. In Sāran, they are জালা jotā.
- 118. The ropes used for dragging a harrow are, north of the Ganges, generally that hengahi or at the barki &c, as described in § 33.
- 119. To the west মালা mojar or নালা mojarā is a rope put round the roots of young trees to hold up the earth as they are being transplanted, other names (in South-West Tirhut) being মহল geruā or (also in Champāran) ৰাজনা banhnā. In West Shahabad and Gaya, it is মুটা gurhi, and in South Bhagalpur অভ্ৰমনা jarbandhna.
- 120. The generic term for a grass rope is ज्ञा ju na or ज्ञा jūnā, and in Patna and Gaya also जोरी jaurī, and in Champāran पत्तहर patahar. It is used for tying up bundles and for cleaning vessels. Another name in Tirhut is सर्पत sarpat. गतान gatān, or in Shahabad गता gāt, is a straw rope for tying up bundles. Ropes for tying up bundles of sugar-cane are जोती jotī, उखनेशना nkhabandhonā, गतीरा gataurā (South-West Shahabad), and पगर pangār (North-East Tirhut) or पगड़ा pagarā (made of sugar-cane leaves in South Bhagalpur). ग्रहा gurhi in Shahabad and north of the Ganges, to the east generally ज्ञास kachiā, and in East Tirhut जोरार odār, is a loosely twisted hen p

rope (but using may be either straw or hemp) for tying up bundles of crops.

- 121. A rope made of the stems of the cyticus cajan (rahar) and similar plants for tying up bundles is called বুলা bentā in Patna, Gaya, and South Mungar, and বুলা bentarī in South Bhagalpur. In Gaya, it is also called বুলা bandheri. বুলা junerā (Gaya) is a similar rope made of kus grass. Ropes made of thatching-grass are called north of the Ganges মালাম jhalās or মালা jhalasā. Bundles of mānj grass twisted up for cleaning vessels are কুলা lūnrā or কুলা nūnrā. A thick hemp rope is ৰাছা barhā, বাছা barhā, or (in Gaya and South Munger) ৰালা ba tā or বালা barti.
- 122. For most of the above, the word ুনা junā or (when the rope is made of straw) মবান gatān may be used, or a periphrasis may be used, e.g. ক্লবন্ যোগ kusak rasarī for লুনিগ junerī.
- 123. सूत् sūt, स्ता sūtā, or तामा tāgā, is ordinary thread for sewing and weaving. सत्ती sutarī or (rarely and only in the extreme west) सुतनी suta ī is twine. This in South Bhagalpur is called सुपरी sutharī. Twisted string is, south of the Ganges, उर रा tharrā. North of the Ganges and in South Munger, वांटल रस्ती būntal rassī, एंटल रस्ती ainthal rassī, or (to the west) बरल रस्ती baral rassī, is used.
- 124. To the west বাঁঘ chop is string made of the bark of the butea frondosa (ঘ্ৰাৰ parâs) or of the palm-tree. In Gaya it is called বাঁঘ chomp.

#### CHAPTER VI -PADS FOR CATTLE.

- 125. These are known generally as गही gaddī or पतान pālān. In Patna, Gaya, and Shahabad बख्रा bakhrā is leather sheet which goes over this. A खरिद्या kharahiyā, or in Sāran खरेया kharaiyā, is a pad stuffed with खर् khar, and under it is placed the कन्ह जो kanhelī. पेटार petār is, in South-West Shahabad a belt for tying them, and पळीजी pachholī a rope fastened to the animal's tail for the same purpose.
- 126. The pad for an ass is चेन्। lewā, local names being पिटिया pithiyā (Tirhut) and सुर्का surkā (also in East Tirhut) or तर हो taran-chhi (Shahabad). In North-East Tirhut and Gaya इस्जीन chhalaunī is the cover of the pad. That of a bullock is (besides गर् gaddā and प्रान् palān) north of the Ganges and in South Munger कन्हें की kanhelā, and south of it, to the west, इस्लावखरा chhallābakharā, and to the east इसा chhalābakharā, and to the east इसा



A COUNTRY CART (CHHAKRA) SHOWING THE USE OF THE BODY CLOTH (JHOLI).

Drawn by K.R. Banarji B.&O.D.O.

127. An elephant's pad is मही  $gadd\bar{\imath}$ , and in Shahabad also महा  $gadd\bar{a}$ . Underneath is placed a softer one called महेना  $gadel\bar{a}$ .

# CHAPTER VII.—GRAIN-BAGS AND PANIERS FOR LOADED CATTLE.

- 128. These are आखा ākhā, आँखा ānkhā, or तड़ी tangī\*; south of the Ganges they are also गेडिया gethiyā or पहा pattā. In Shahabad, however, they are जोश jorā or गोन gon.\* A large grain-bag carried on a bullock's back is in Sāran जहीरो ladaurī, or (also in North-West Tirhut) जगोरी lagaurī. In Gaya, this latter word means the cord by which the bag is fastened on the animal's back.
- 129. দ্বা khurji is a gunny (হাহ tāt) bag borne by asses and used by potters for bringing clay from earthpits (মহিলাৰ matikhān), and by others for carrying bricks &c.
  - 130. A rice-sack is बोरां borā or तङ्गी tangī.
- 131. In south Bhagalpur a bag borne by the bullock, in which the drivers put their luggage, is कटारी katārī, and in South Munger it is इंड्राय hanrawāy. In Sāran, it is खास् khās.

# CHAPTER VIII,—CANVAS, LEATHER, OR TARPAULIN COVERS.

- 132. These are বিহ্মাল tirpāl or (when made of হুলে chhā/, leather) হুলা cha/lā.
- 133. भू र jlūl or भोली jho'ī is a body-cloth put over bullocks in cold weather. In Gaya, it is also भोला jholā, and in Sāran छोट्ना oṛhāna. भूल jhūl also means an embroidered cloth spread over an elephant's pad.

# CHAPFER IX.—VESSELS FROM WHICH ANIMALS ARE FED.

- 134. The bag from which cattle are fed is न्तो तो jho'i, or in Champāran, न्तोला jholā. A horse's grain-bag is तीब ड्रा obrā. In Patna क्याइ kapāi is a fodder bag for cattle.
  - 135. Feeding-troughs are despribed in §§ 92 93.

### CHAPTER X.—DAIRY UTENSILS.

136. The milkpail.—This has various names, according to locality. North of the Ganges generally, they are নাৰছী jhaba' i or दुइছी,

<sup>\*</sup> As in the proverb केल न कूद कूद् तड़ी bail na kūde, kūde tangī,—a bullock does not leap, but his load does, of which the Shihabad version is वंस न कूद कूद गोन, इतमास देखे कीन् bail na kūde, kude gon, ī tāmasā dekhe kon.

कौटिया dudahi kanti ā; but they are also माँड्रा bhānṛā in Champāran, घुरला ghurlā in the North-West generally, and चपरे chapaī in North-Lest Tirhut. South of the Ganges, we have टहरी tahrī or पूरा pūrā in South-West Shahabad, and कॉटिय kantiyā in the rest of the district and East Bihār; चाँधी chāmpī, टेह्री tehrī, or पत्ला putlā in Patna and Gaya; इहनी duhnī, चक्की chukkī, कटिया katiyā, कटिया metiyā, कटिया kathlī or कटहे kuthaī, in South Bhagalpur; and चक्क टी chukrī or चक्का chukkā in East Tirhut and South Munger.

- 137. हादा dābā, हमही dabahī (also in Champāran), पाषा pātkā, दाइम rāis. or राजि rāsi, are large milkpails used in North Tirhut, and ध्या thaparī is a smaller one. वाँही kānrī or काई kathaī, also in North-E st Tirhut, वहा katthā, are in Tirhut wooden milkpails. In South Munger र स rās is used instead of राहम rāis.
- 138. Vessels used in making and keeping clarified butter (হা ghyu, &c.) and curds (হলা dahī, &c.).—This also has various names viz. north of the Ganges হছিবাছী হাঁড়া dahīyāhī hānrī or কালো kurana in North-East Tirhut. South of the Ganges, we meet মাড়া bhānra generally, with a variant মাছ bhānra in South Bhagalpur and হছিবা dahenī to the west. In Patna and Gay:, we have ক্যা champā, মন্থায়া mahārā, and বহিষা nadiyā. The last is also used north of the Ganges and in South Munger. In South Bhagalpur, other names are কোটা kantarī and হাঁছ chānchh.
- 139. There are sometimes special names for special sizes. Thus while इर्डा harrā er इंडिया harryā is everywhere used for the larger size, the next smaller size is in Tirhut कोच kohā or करना karunā. दोचा kohā is also used in South Munger, and पतिला patilā or पत्रको patukā is used with the same meaning in Sāran. The next smaller size is कोची kohā or कहत्रो kaha arī. A still smaller size is हाँ हो ch ānchhā, मटनूरी matakurā (of earth always) or मटनूही matakūrā (North-West Tirhut), and the smallert size of all is छाँ हिया chhanchiyā or निर्या nadyā.
- 140. The vessel for holding clarified butter is घिन्ही भाँडा ghiwahī bhānrā, काँडिया kantiyā, को हो kohī, राइस rās ('arge), सुका ciukkā (small), &c. Other names in North-East Tirhut are चिनक कड़िंदा ghiwak karhā (large) or चिनक करही ghiwak karahī (small). In Patna, Gaya, and South Munger चन्या champā or चाँयी chāmpī are used, and रसीची aro ī (lire) a d फेरचा p'eruā (small) are met in South Bhagalpur.

- 141. The leather vessel in which it is exported is न्या kuppā or न्या kuppā The latter is smaller than the former, and is also used for holding oil. In North-East Tirhut, it is also called चमड़ी chamari or चौकटी chaukatlā. नदोइ nadoi is used in Gaya, and गेरहा gelhā is a sim lar smaller vessel.
- 142. The churn.—To churn is মছল mahal to the west and মছৰ mahab to the south and east. The act of churning is মহাই mahāi or মহাই mahāi in Champāran and South Bhagalpur, and মহাই mothaī or মহাৰ mahan there and in Gaya and South Munger.
- 143. A churn is north of the Ganges, to the west, मटमहन mathamilani. In Tirhut and Gaya, it is जूडा kūnrā or (south-cast an also in Gaya and Champāran) नुष्डा kundā, and (north-east) खोर khor South of the Ganges, it is नमारी kimārā in South-West Shahabad लीका taula in the rest of the district (also in East Tirhut), घोरम हा ghoramānhā, north of the Ganges and in Patna and Gaya, and महांडा mahānrā in South Munger.
- 144. The stirrer or stick moved in the churn is হো rahi generally and also মছন mahanī to the west and in Tirhut. The latter has local variants, viz মঘলা mahanī (Tirhut and the West), মহাল mahān (West) and মহাল matonni (Gaya). Local names are মলহা gajahī (South-Eist Tirhut) হাটো chhoṛhī (South-West Shahabad and East Tirhut), and হানের ghorāthi (Patna, Gaya, and South Munger).
- 145. The rope with which it is twisted is generally स्वरो rasari or होरी dorī; but more specific names are नेन net (generally), with local v riants नेवत newat or नेवता newatā (east) and नेतो neto (South Bhagalpur). In fatna it is खिचनो khinchanī, and in South Munger हम. dam. Another name in South Bhagalpur is कोतो joiā.
- 146. Vario s vessels.—In South Bhagalpur, কাই kāin is a small vessel containing a quarter of a ser of milk. A দাঘা pāthā contains one ser, and a বুলা chūkā four sers. In Sāran, a বুলা chūkka contains a quarter of a ser.

#### SUBDIVISION VI.

# APPLIANCES USED IN THE CONVEYANCE OF GOODS OR PASSENGERS.

### CHAPTE & I.—THE COUNTRY CART.

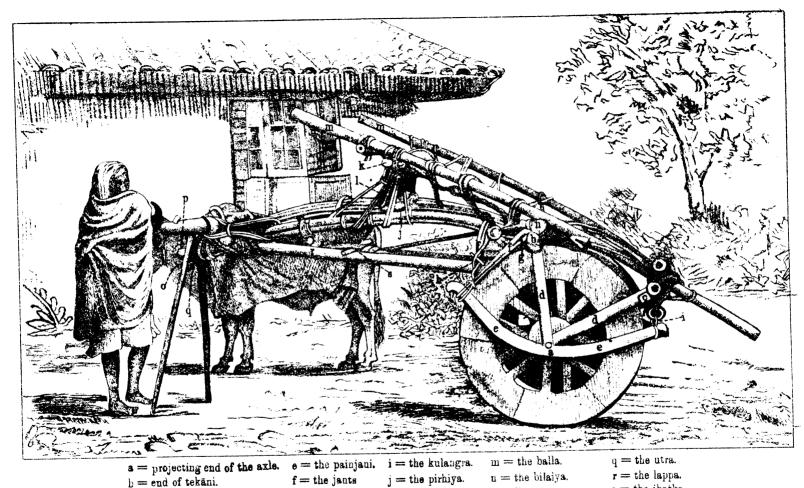
147. The ordinary cart is called everywhere at a care, but in Saran, it is more usually as garā. The seas i chhak rā or ats gārā

is the large complete full-sized cart, with long bamboo poles projecting from each side in front. In North-East Tirhut, it is sometimes called বছৰ মাছা chaghūs gārā. The ৰামছ saggara or ৰামছ sāgara is a lighter and rougher kind of cart for carrying country produce. In Gaya and Shahabad, it is also called অহাছিয়া larahiya.

- 148. For carrying presengers, the र्घ rath or रख rantha is a light four-wheeled cart used by rich people. A similar two-wheeled cart is called साँगी गाड़ी sāmwugī gārī or (in Gaya) सौंगी गाड़ी saungī gārī. It is also called संभोलो manjholi in Tirhut and Gaya, and बहल bahal generally, with variants बहेनो bahelī (Patna and Gaya) and बहला bahalī (Gaya). The एका ekka is a two-wheeled light trap, generally drawn by a pony. In Sāran, it is also called घोंड बहल ghor bahal. The क्रांचो kirānchi is a covered cart something like an omnibus on two wheels.
- 149. A cart drawn by a sin fle pair of bullocks is दोव म्दा dobardā or दोक डा dokrā. One drawn by two pairs is चौब १६१ chaubarda (but this hardly ever occurs). In a team of three bullocks the wheelers are called भूरी dhūrā or धार्या dhuriyā to the west and चोड़ी jorā to the east, and the leader बाँड binra or विडिया binriyā to the west and चिन्हों jhittā (also in Sāran) or नाटा nāta to the east.

#### CHAPTER II.—THE LARGE COMPLETE COUNTRY CART.

- 150. This is इक इंडा chhakrā, गाडा yārā, or चचस गाडी chaghū gārī (see Chapter I). Its parts are as follows:—
- 151. The wheel.—This is everywhere पदिया pihiyā. To the west, and also in Gaya and South-East Tirhut, it is also called ভ্ৰশ্ন chakkā.
- 152. The felloe is called মন্ত্ৰ mangar, except in Gaya, where it is লম্বিত jamot. It is made of six segments of sisu wood, called each মুহী putchi.
- 153. The nave is called  $\sqrt[nah]{nah}$ . In Gaya, it is also  $\sqrt[nah]{nah}$ , and in Sāran  $\sqrt[nah]{a}$ . Through this, the sp k s run completely through and through, each spoke terminating at each end in the felloe, each thus forming in reality two spokes. There are six of these double spokes altogether, making three pairs of two parallel spokes each (see illustration). These three pairs are of varying thickness. The first pair driven in is thicker and stronger than the second pair, and the second pair than the third pair. In crossing each other in the nave, the

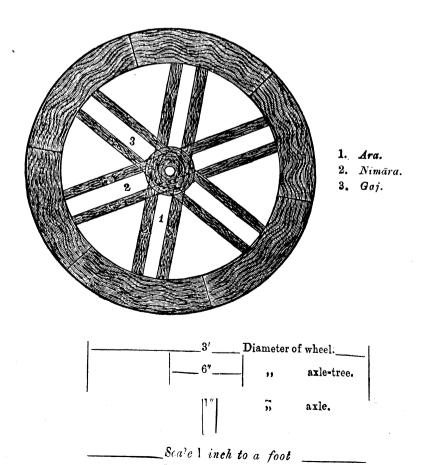


A full sized Bullock cart (Chhakra), side view

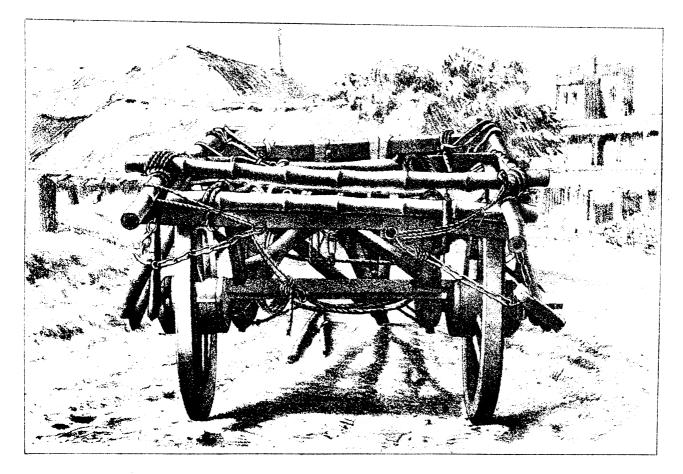
second pair runs through the first pair, and the third pair through the second and first. These pairs have names, viz.,—

- 154. The spokes.—1.—The first pair is called आस ārā. This is the thickest and strongest pair of spokes in the wheel.
  - 2.—The second thickest and second strongest pair of spokes is called निमास nimārā, other names being ने जो or ने जो belī (Tirhut and South Bhagalpur), नोम ध्री nīm dhūrī or नेवास nebārā (South East Tirhut), and जेवास lewāra (Shahabad).
  - 3.—The weakest and thinnest pair of spokes in a wheel is called no gaj.

To the west and in Giya, both the second and third pairs are called सज् gaj. The spokes are collectively called डॅडिया danriyā, and to the west, also आरामन् ārāgaj.



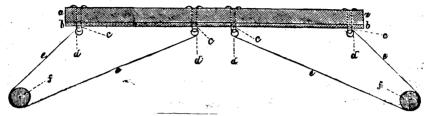
- 15%: The six segments of the felloe are fastened together by a wedge of wood called चा chūr or, in Gaya, च ल chūl, fitting tightly into two mortices, one in each of the two contiguous ends of the segment. This wedge is also called चाँदो chonhī generally, also चाँदो jonhī or जाँद्या jonhiyā to the west of the North Gangetic area and गाव जिला garab hhilla in Shahabad, Gaya, and South-East Tirhut. In Shahabad, it is also called चाँदो chontī or चेंदो chenghī, and in Patna च ल chūl.
- 156. The mortice in the end of each segment of the felloe is called छेट् chhed or भार bhūr, or in Sāran खोल kiol. The end of the wedge is called डांक नो dākni.
- 158. The *iron hoop* round the nave to prevent it from splitting is called a=0,  $b_{and}$  or a=0,  $b_{an}$ .
- 159. Inside the nave is sometimes tightly fastened an iron tube to receive the axle. This is called the নাই হা mohanri, and in Gaya also মাছ'হা mohanai.
- 160. The iron axle-box passing through the centre of the nave inside the मोहरी mohanri, when there is one, is called आवन awan, and also (in Champaran, North Tirhut, and South Munger) आओन् aon.
- 161. When the outside edge of the felloe is bevelled to prevent wearing, it is called north of the Ganges and in Shahabadizi र tāl, with variants ट्रेड आ taluā (East Tirhut, Patna, and Gaya), टलड़ा talahā in West Tirhut, and टलाइ talāh in South-East Tirhut. To the east, it is also called: महर mangar, मंगरा mangarā, or मेगर maigar, with a variant महरा megharā in North-East Tirhut. In South Munger, it is called कार मार kormār.
- 162. When the outside or the felloe is flat, it is called **unua** pathar, but this rarely occurs.
- 163. The tire.—When the wheel is tired, the tire is called to hal.
- 164. The linch-pin is generally ঘ্ৰেলা dhurkilli, local optional names being হৰমিলা rankilli (Gaya and South-East Tirhut) and কাল kil in Shahabad. In East Tirhut, Gaya, and South Bha salpur, it is ঘলাৰ packehar. The peg inside the wheel is দাৰ কিলা pharkilli, or in Saran মংকিলা pharkillā. In a ছকাৰ chhakrā, there is generally only one linch-pin, on the inside end of the axle.



FULL SIZED BULLOCK CART (CHHAKRA) -BACK VIEW.

- 165. The outside washer of hemp (सन् san) is चेनी cheni, चेंद्रो chendi, or (in Sāran) चेह्री chenhi. The Hindi name is (चंद्रा chindhi or चौंद्री chindhi. In Chhattisgarh, it is called चैंद्रारी chendkarī. That inside the wheel, is खानन् khānan, with variants खनन् khanan (Sāran), खंदन् khanhan (South-East Tirhut), खाँग् khāngan (South-West Shahabad), and खाँदन् khāndan (South Munger, Patna, and Gaya).
- 166. The axle.—Each wheel has an axle of its own, each supported entirely by struts descending on each side of the wheel from the side of the cart to which the wheel belongs. The axle is  $\sqrt{11} \ dh\bar{u}r\bar{u}$ . Sometimes a distinction is made,  $\sqrt{11} \ dh\bar{u}r\bar{u}$  being used when the axle is of wood and  $\sqrt{11} \ dh\bar{u}r\bar{v}$  when it is of iron; but this is by no means universal.
- 167. The outside supports of the axle.—The supports outside the wheel are two pieces of wood meeting outside the wheel in front of the nave, where at the point of crossing, they receive the axle. The upper end of one fits into one end of the front crossbar of the frame of the body of the cart ( $\overline{z}$  and  $tek\bar{a}n\bar{\imath}$ , &c.), and that of the other into one end of the rear crossbar of the frame of the body of the cart ( $\overline{z}$  and  $\overline{a}k$  &c.) (see illustration). These supports are called  $\overline{z}$  and  $t\bar{u}l\bar{u}w\bar{u}$ . They are factened to the body of the cart by chains or ropes, called  $\overline{z}$  and  $b\bar{z}n$  or  $b\bar{z}nd$ .
- 168. The curved branch of visu wood which passes under the point of the axle, where it projects from the বুৰাৰা tūlāwā, and thus further supports the axle, is called ঘূৰনী painjanī, with variants ঘূৰনী panjanī (Shahabad optionally) and ঘূৰনী pengani (North-East Tirhut). In Gaya, it is called হাৰ dāb. It is pulled tightly up against the axle by three ties, two in front and one behind.
- 169. The front ties fastened to the fore end of the ঘুঁলা painjanī are called অনা jant. The other end of each of these ropes is fastened to a hook, called কাই karī. One of these hooks is fastened to the said tekānī, and the other to the bottom of the cart, farther on in front, to one of the কাইছা karharī (vide post). The অলা jant are tightened by a stick called অমাটা amerhī, or in Sāran ঘলিয়া salaiyā. which passes between them and twists them together to the requisite degree of tightness.
- 170. The rear tie of the মঁজনী painjani is called সুল্মাঁড়া kulanganra, or in Sāran নুল্মাঁড়া tulanganrā. It generally consists of one iron chain. Two rings (ভাৰ ভাৰে kharkhariya) hang in two staples (বাঢ়ো konrhā) to the underside (মান্ত্ৰাক্ parāk) of the rear bar (মান্ত্ৰ

ak) of the cart. One of these rings hangs near the centre of the आक् ak, and the other at the end near the wheel. The chain is fastened to one, then passes round the end of the पंजन  $painjan\bar{\imath}$ , and the other end is fastened to the other ring. In this way, the पंजन painjani is held in its place. The accompanying sketch will make this clear.



a-a = the ak.

b-b = the parak.

c = the konraha

d = the kharkhariya.

e = the kulangra.

f = the rear end of the painjant

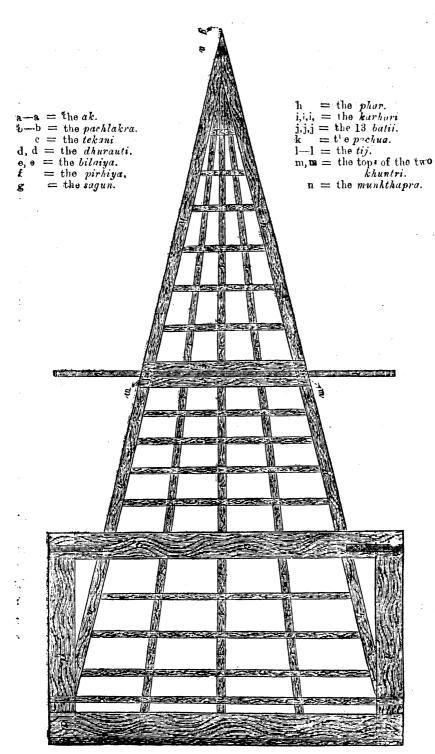
171. The b dy of the cart may roughly be described as a long triangle strongly built, lying on one surface, and arched so that its convex side is uppermost. Viewed from the side, it resembles a shallow arch, and from above, a triangle. Across the back, a strong square or oblong frame is laid. This serves as the foundation for the carrying lection of the cart. The annexed illustration is a plan of a cart taken from above.

172. The আৰু āk or আম āg is the main beam in the rear of the cart. It is made of sisu. In Shahabad this is called আৰু ānkh. Another and lighter piece of wood going underreath the আৰু āk to strengthen it, and also made of sisu, is called uৰুকে parāk. A slip of bamboo tied on behind the আৰু āk and forming the tail of the cart is known as uহুলক্ষা pachhlakṛā, with local variants, viz. uহুলক্ষা pachhlakṛā in Wést Tirhut, uহুলক্ষা pichhlakaṛā in Patna and Gaya and uহুলক্ষা pichhlakṛā or করা kaṛā in Shahabad. In South Bhagalapur, it is অমায় ankora or uহুল্মা pachheṛṇā.

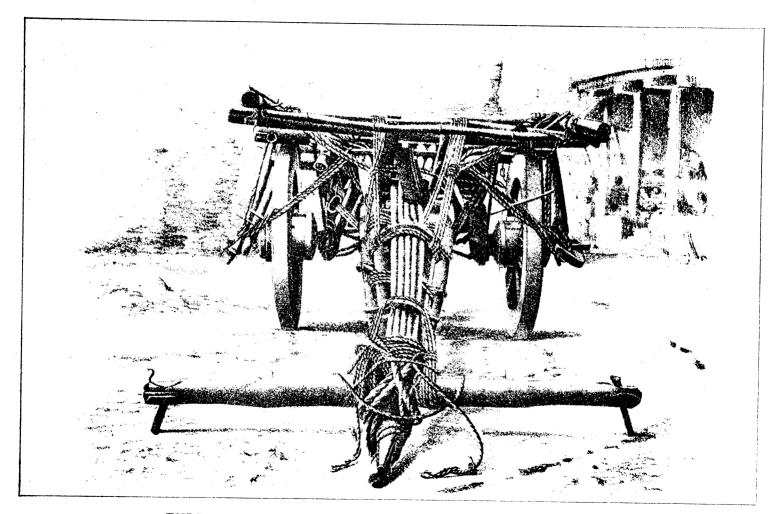
173. The front bar of the square portion of the cart is known as दे कानी tekānī. In South Munger, it is ते कानी tekānī with a dental t.न

174. The sides of the square part of the body, going over the wheels and joined at one end to the আৰু ak and at the other end fitting on to the top of the ইকানী tekānī, are called স্থানী dhārautē.

1.75. The piece of wood fitting over the end of each of the प्रीट।
dhārautī, where it joins the टेकानी tekānī, and holding the former in
to place, is called विशेषा bīlaiyī.



Plan of a cart (chhakra) from above.



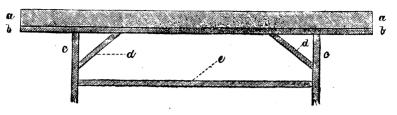
FULL SIZED BULLOCK CART (CHHAKRA)—FRONT VIEW.

- 176. The short stout cross-bar of sisu wood crossing the triangular body of the cart between the ইকাৰী tekāñi and the apex of the triangle, in front of the driver's seat, is called বিভিন্ন pirhiyā.
- 177. The point which is the front of the cart, and which forms the apex of the triangle, is called অনুন sagūn, or in Patna and Gaya অনুনী sagūni. The lower portion of this is called in Sāran আৰু thop.
- 178. The two long sides of the eart, forming the sides of the triangle, starting one from each end of the आक āk and meeting in the अनु sagun, are known as कर or कड़ phar, a local variant being के phair (North-East Tirhut). They are also called साँगा tāngā South of the Ganges and इर्डा harsa in Sāran and Champaran. They are sometimes strengthened with a band of iron, called पत्तर pattar, वन ban, or बन्ह band.
- 179. The whole bottom of the cart is called इञा chajja. It is composed of the पर phar, the आक āk, the टेकानी tekāni, and the पिटिया pirhiya, and has in addition three long strips running the length of the cart, called कर इन्हों karharī, and thirteen cross-pieces called बना battī, or in Saran बना battā, and in Gaya also चाली chālī. The कड़ इन्हों karharī are also called परो pharī in Patna and the south-west and चपोट chapot in Shahabad. North of the Ganges, they are also called प्रकार manjhā, पाँचा mānjhā, or भरानी bharānī. They are fastened in their places by pegs, called परिकार pharkillā, कट दिस्ती kathkillī, or दिस्ती killī, पद्म pachchar (&c.), or काँटी kānti. Of the thirteen बनी batti or cross-pieces, there are three between the आक āk and the टेकानी tekāni four between the टेकानी tekānī and the पिटिया pirhiyā, and six between the पिटिया pirhiyā and the सगुन sagun.
- 180. This completes the description of the main frame of the cart.

  We now come to the various contrivances for retaining good in the cart. These are the following, but they are not all used in one cart:—
- 181. At the rear of the cart, just in front of the आक् तंk, is tied a thick bough of wood. This is called the पहुंचा pachhuā. It prevents goods falling out behind.
- 182. Over the বিচিয়া pirhiyā, and of equal length to the ই মানী tekānī, runs a bamboo called the বীল tij, supported by two stout pillars about a foot high; each standing on one end of the বিভিন্ন pirhiyāt. These pillars are called the শুই্থী khuntri or শুই্থা khuntrā, local variant

- being खुँटहरी khuntaharī (Saran and South Tirhut) and खुँटहरी khunteharī or खुँटहरी khuntiharī in Shahabad. In Gaya, similar posts are called माचा mānchī.
- 183. Two very long bamboos now form sides, each resting on one end of the আৰু āk, on a বিলীয়া bilaiyā, and on one end of the বীল tij. Each projects behind the আৰু āk and a long way in front of the নীল tij, and is called ৰজা ballā. Other names are বাঁধ bāns, বঁড় বজা bansballi, বঁড়ীয়া bansaurā (Shahabad), or বঁহুবা chandawā (Patna).
- 184. Sometimes bamboos run from end to end. These are called चौच chip when they commence at the देखानी tekānā and run close under and fastened to the फा phar, up to the चान sogūn. They serve to strengthen the फा phar. When they run the whole length of the cart, from the चाक āk to the चान sagun, and form, as it were, the string of the bow formed by the body of the cart, running close to and parallel with the सद का ihatkā (vide post), they are called जाया lappā or (in Tirhut) जाया lappā. They are fastened to the body of the cart by ties known as दाँगजी dānglā in Sāran, दाँगजी daungri in East Tirhut, जायी bādhā in Shahabad, जींटा jaunrha in Gaya, and चाँच sonth in South Bhagalpur. Elsewhere they are simply रस्सा rassā, &c.
- 185. Sometimes the ৰহা ballā is raised behind by a pillar (মৃত্ বি khuntrī) at each end of the আৰু ak, and the space between it and the body of the cart filled up with a **rope siding**. This rope siding is then called ছঁখ্ৰাৰা hanthwāsā, or in Patna দাভূবা pharkā, and in Sāran দাভ়া erā.
- 186. The flat board forming the driver's seat is called मो इरा mohrā, or in South Bhagalpur मोद्रा morhā and in Shahabad, इंड्रा munhrā.
- 187. The parts underneath the cart supporting the inner end of the axle-tree.—There are two supports inside each wheel like the द्वादा tulāwā outside. They cross each other opposite the inner end of the axle which passes through the intersection. As each wheel has a separate short axle, there are therefore two independent pairs of these, one inside each wheel.
- 188. The rear one of each of these pairs is called মৃত্যি guiryā or মাড়িয়া goriyā, or (in Patna) দ্ৰল্পেন khajanā. Like the rear, নুমানা tulāwā, its upper end is fastened into the আক্ak. It is strengthened in its place in the আক্ak by a strut, called মহ্মান্ mehrab, and the two মৃত্যা guryiā are further strengthened by a cross-piece called

still dangheri, joining the two, which thus prevents them approaching each other. The annexed illustration will make this clear.



a-a = the ak.

d, d = the two mehrab.

b-b = the parak

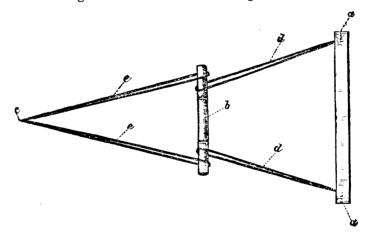
e = the danrheri.

e, c = the two goriya.

189. The front supports of these pairs are each called थोम thobk or थोप thop. The upper ends of these are fixed in the टे कानी tekānā.

190. The apparatus for keeping the body of the cart curved.—This consists of a set of strings called \( \frac{1}{2} \) it is kept tight, so that it keeps the whole cart bent exactly like a bow.

The following illustration shows the arrangement: --



a-a = the ak.

b = the danta.

c = the sagun.

d = strings fastened to the ak, passing round the darta and back to the ak.

e = string fastened to the sagun, passing round the dants and back to the sagun.

- 191. The ভাষো dantā, or in south Bhagalpur অমন্থ amerī, in the above figure is a stout piece of bamboo. It will be evident from the figure that it affords increased leverage, and offers a ready means for tightening the নাই না jhatkā when necessary. Sometimes bamboos run parallel to the নাই না jhatkā from the অমূল sagun to each end of the আৰু ak as further strengtheners. These are called আন্তা lappā or (in Tirhut) আন lappā.
- 192. The क्तिया chhatiyā is a slip of wood fastened across and under the body of the cart from योभ् thobh, to योभ् thobh which serves to hang baskets, &c., from.
- 193. The point which is the front of the cart, and which forms the apex of the triangle is as already stated, the समृत sagun or समृती sagunē. It is here that the yoke is fastened. Underneath it, to prevent the point resting on the ground, is fixed a stout peg, called उट्रा utrā. On the top of the समृत sagun, to afford a boss for fasting the yoke to, is fixed the मृद्धापूर् munhthoprā, मृद्धापूर् munhthaprā or (south of the Ganges) मोधापूर् mothāprā. In Champaran, it is, called मोद्धा mohrā.
- 194. The yoke is जूजा jūā, and also in Shahabad जूजड jūar, as distinct from पालो palo or जुजाउ juāth, a plough yoke (see § 14). The pegs passing through the ends of the yoke, outside the bullocks' necks to prevent them shirking thier work, are made either of wood or iron. The name समेल samail is generally applied to them when of wood, and समज semal, सममज sammal, or सिम्मल simmal when of iron but this distinction is not always observed. To the east, they are called कर्नेक kanoil. The inner pegs towards the middle of the yoke, on the inside of each bullock's neck, are called (in East Tirhut) चिर्या chiraiyā. They may be of either iron or wood.
- 195. Props.—When the bullocks are unyoked, the front of the cart is supported at the चगुन sagun, to prevent it falling forward, by the चिपाचा sipāwā or (in North-East Tirhut) सिर्पाया sirpāyā and (in Sāran) चिप्चा sipwā. The top of this is called in Gaya माँमा mānjhā The prop to prevent the cart falling back is एडा erā, उपस्था ularāā चिप्चाइ sidhwāi, or (in Patna) जन्मो larua.
- 196. The ropes which go round the bullocks' necks are জানা jotā. জানা jotā. জানা jotā. আনা jotā. আনা galjotā, When three bullocks are yoked, the rope which goes over the leader's neck is to the west বিভিয়া binrīyā or বিহিয়া biriyā, and in Sāran and the east, ক্লিছী jhittā. The rope (ম্মা rassī, &c.) by which the yoke is kept in its place, is called বিজ্ঞা bichhuā, or in North-East Tirhut কাকি jlonk.

- 197. The mat put in the bottom of the cart to prevent grain from falling out, is ব্যাহ chatāi generally, but it is ছবিষাহ hariyār in Patna and মঁডাই bhandāri in South Bhagalpur. The last is also used optionally in Gaya and East Tirhut. In Sāran, a canvas mat used in the same way is called ঢাৱা dhālā.
- 198. The iron chain for tying up the bullocks at night is generally बीकर sikar or जन् कीर janjer. Local names are पादी pāhī or डाँड्र dānṛar in Champāran and Tirhut, वेल bel in Gaya, and पेकल paikal, (also in Gaya) पेकर paikar, or पेकड़ painkar in Shahabad. The portion round the bullock's neck is called गर्दनी gardanī.
- 199. The above is the description, except where otherwise stated, of a very complete হৰ্ষ chhakṛā, which is itself the most complete kind of cart. Few carts are as complete as this; but they differ merely in being less complete, and in no other way.
- 200. As regards size, the cart of which the above is a description had the following measurements, a cubit being taken as equivalent to 1½ feet:—

			Cubits.
Length from आक āk to टेकानी tekāni		• • •	11/2
"	टेकानी tekānī to पिदिया pirhiyā	•••	11
**	पिढ़िया pirhiyā to सगुन् sagūn	•••	3
	Total length	***	6 cubits, = 9 feet.

The आवा ak, टेकानी tekānī, and तीज tij, were each three cubits long.
The बसा ballā were each six cubits long, and the खंदरी khuntrā one foot. The wheel was two cubits across.

The greatest height of the arch was at the पिद्या pirhiyā, where it was one cubit.

The height of the चंगुन  $sag\bar{u}n$  from the ground when supported by the चिपावा  $sip\bar{a}u\bar{a}$  was  $2\frac{1}{2}$  cubits, and that of the चाक  $\bar{a}k$ , at the same time,  $1\frac{1}{2}$  cubits.

## CHAPTER III.—THE LIGHT COUNTRY CART.

201. This is सागर् såggar, सागड़ sågar, or लड़ हिया larhiyā (see § 147). In Sāran, it is called गाड़ा gārā.

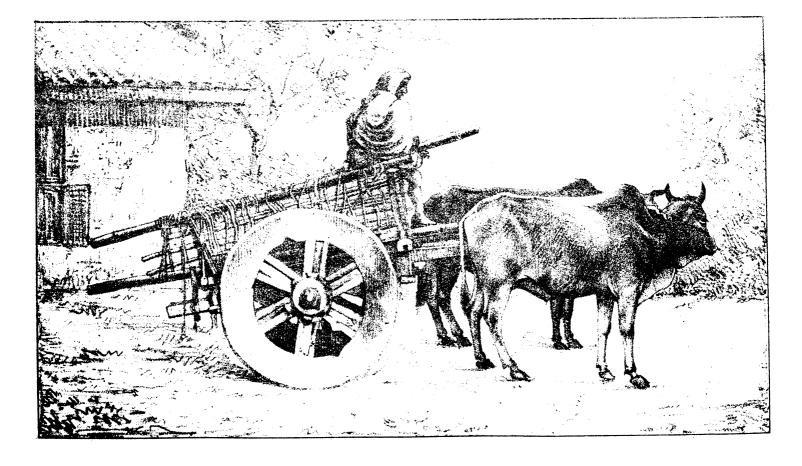
This cart is rougher, lighter, and cheaper than the 要有 写 chhakrā.

202. The wheel is the same as in the 要有 写 chhakrā.

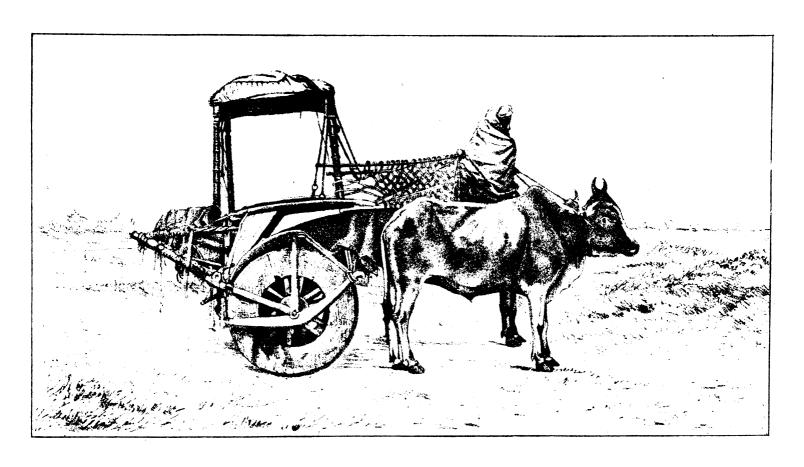
- 203. The axle.—There is only one axle (प्रा dhūrā), which goes right across under the cart, and on which both wheels run. It runs through a block of wood which runs across from wheel to wheel, and out of each end of which the ends of the axle project. This block is called मेंद्रा mandrā. The projecting ends of the axle receive the wheels, which are held in their places by outside linch-pins (घर किसी) dhurkillā, &c. (see § 164). Sometimes the wheels of the समझ saggar are protected by a board outside, one end being fastened to the आइ saggar and the other to the देवानी tekanā (see §§ 172, 173). Through this the end of the axle projects, and is made secure by the linch-pin. This board is called पैजनी painjanā, पँजनी panjanā (Shahabad optionally), or (North-East Tirhut) पँजनी pengani, and must be distinguished from the different wheel support bearing the same name in the इक्डा chhakrā.
- 204. The body of the समाइ saggar is not arched, as in the इन्हा chhakrā. It is simply a flat triangle of wood, principally bamboo. The two long sides of the body, commencing at each end of the आक āk and ending together at the समाइ sagūn, are called, as in the इक्डा chhakrā फड़ phar, &c. As the समाइ saggar has no तुनावा tulāwā योभ thobh, or गुड़िया guriyā, the body rests directly on the axle, being supported by two blocks of wood, called तेन्द्रा tetla, तेन्द्रा tetaliyā, or in Sāran तेन्द्रा tentulā, each of which rests on one end of the महरा mandrā, and on which, on the other hand, the corresponding पर phar rests. Along the पर phar, and underneath it, is tied a bamboo to strengthen it. This is called बाँगर bāngar.
- 205. In other respects, a सगर saggar differs little from a इक इर chhakrā, except that it is built lighter and almost entirely of bamboo. As the body is not arched, the former has of course no आर्का jhatkā &c.

### CHAPTER IV.—THE BULLOCK CARRIAGE.

- 206. When it has four wheels, it is called to rath or the rantha. This is rare in Bihar.
- 207. When it has two wheels, it is called बहुल bahal, with variants बहुली bahelī (Patna) and बहुली bahlī (Shahabad and Gaya).
- 208. This is almost exactly the same in principle as the इन इन chhakṛā, except that it is generally built lighter. On the square portion at the back is reared a kind of canopied seat, called सांचारी sāmwagī or सींगी saungī; hence the cart is also called a सांचारी गाड़ी sāmwagī gārī.



The light Country Cart (Saggar)



THE BULLOCK CARRIAGE (SAUNGI GARI)

209. Its parts are as follows:

The wheel.—As in a cart (see § 151 and ff.).

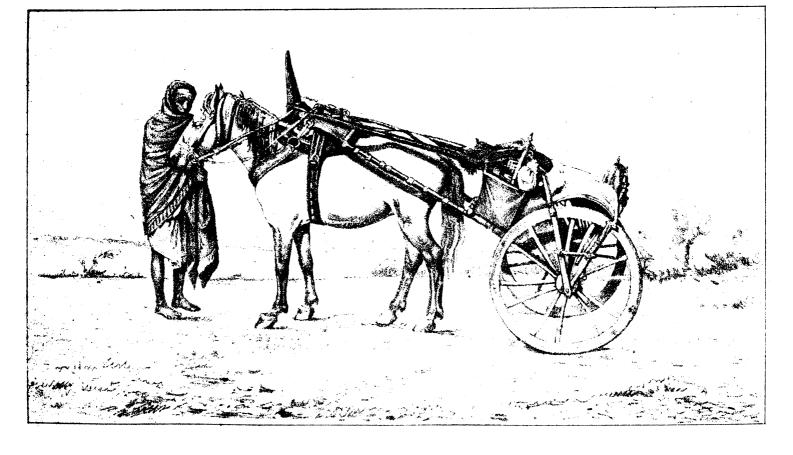
The leather washer is called चश्रती or चक्टी chaktī, गहा gaddā, or विद्धे bithaī.

- **210.** The axle.—As in a cart (see § 166).
- 211. The supports of the wheels and sxles.—These are the same as in a set  $\xi t \cosh akr \tilde{a}$  (see § 167 and ff.).
- 212. The body of the vehicle.—The lower part is like a क् क ्रा chhakrā. Over it is placed the following, the whole of which is called साँगी sāmwagī or सौँगी sāmngī.
- 213. The frame of the seat is पर्टी pattī, local variants being परटा pattā (East Tirhut and Patna), परिया patiyā (East Tirhut and the west), and बोराही bandandī (Gaya). Its supports are ख्रा khūntā or स्वार khūntā. On these are ornamental brass knobs, called फुलिया phuliyā. The posts supporting the awning are स्वार dandā or स्वार dandā (East Tirhut and the west). The top of the awning is स्वार chhatrī or (in Shahabad and Gaya) उर्हो thatrī, and the stuffed cover to keep off the sun is महा gaddā or महेना gadelā. In South Munger it is मही gaddī. The net forming the bottom of the seat is सावार sāmwagī or सामा saungī, and the leather guard of the body inside the wheels is समावा dhamākā.
- 214. The two long sides are called দুঙ্ phar, & ..., or নাঁমা tāngā as in the হ্ল ভ্ৰ chhakṛā. Between them are placed narrow planks called মাঁমা mānjhā.
- 215. The supports of the body behind are চক্তমা dharuā or টক্তমা dharuā, and similar smaller ones inside are বাৰ্দ্ৰী bāwlī.
- 216. The दंतुआ dantuā, or in Sāran ঢ়োলা dhālā, is the back seat for carrying luggage, and it is also called अङ्गि arānā in South East Tirhut and Champāran. होरो dorā are the strings forming the side of the awning, and पर्दा pardā is the side awning, which may be raised or let down as required. In Sāran, it is also called ओहार ohār.
  - 217. The rails on each side of the driver's seat are and balli.
- 218. In other respects, the bullock carriage is the same as the same (see Chapter II).

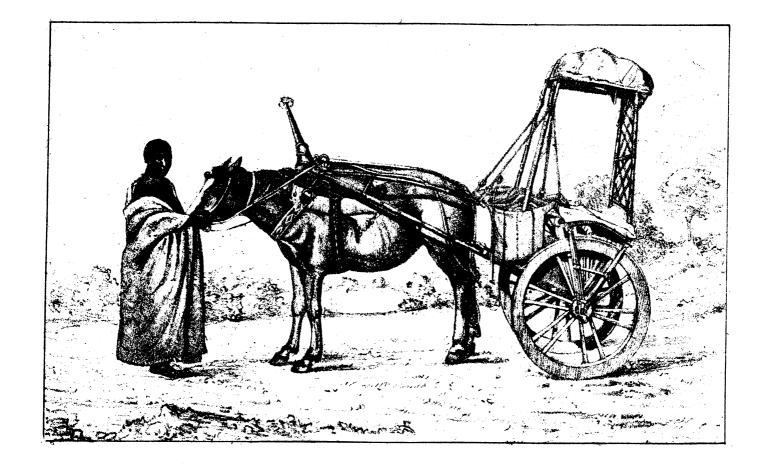
<sup>1.</sup> In Sone parts of Patna and Gaya, it is also colled पिउ उद्ना (pilh ladna) or simply कद्ना (ladna) or भर्ना (bharana).

#### CHAPTER V.—THE PONY CARRIAGE.

- 219. This is nearly the same as the bullock cart, on a smaller scale, except in the following particular: :--
- 220. The wheel is the same as in the bullock carriage (see § 151 and ff.),
- 221. The axle is पूरा dhūrā पूरो dhūrī, which is strengthened inside by a short metal tube. साँमा sāmā, सामा sāmā, or सामो sāmī. In North-East Tirhut, the latter is also called साम sām. There is one of these inside each wheel, and they act as a kind of washer. There is only one axle (प्री dhūrī), on which both wheels run. Outside each wheel, are a pair of तुलाना tulāwā, but inside there are no योम thobh or गुड़िया guriyā, as in the bullock cart (see § 187 and ff.). Round the ends of the देनाने tekānī, the आन āk, and the axle, forming a triangle outside the wheel, is tightly tied a rope called the अन iant, and just above the lowest angle of this traingle (i. e., just above the point of axle), is tied to it a short stick serving as a footstep, called सजाद salāi or सलेश salaiyī.
- 222. The हुलावा  $tul\bar{a}w\bar{a}$  are fastened to the आक्  $\bar{a}k$  and the टेकानी  $tek\dot{a}n\bar{\imath}$  (see §§ 167, 172 and 173) by iron hooks called अंक्रो  $ankur\bar{\imath}$  or (Champaran, South Tirhut, and South Munger) आँक्रा  $ankur\bar{\imath}$ . South of the Ganges, they are also called in Shahabad and South Bhagalpur, तुलाइ  $tul\bar{a}\bar{\imath}$ . हाल  $h\bar{a}l$  is the tire of the wheel. The leather splashboard over the wheel is तस्त्रा  $takht\bar{a}$  तस्त्री  $takht\bar{\imath}$ . In south West Shahabad, it is called पट्रा  $patr\bar{a}$ .
- 223. The props of the body are उक्षा dandā (west), उपरा dantā (east and Champāran), or खंटा khūntā. The top of the awning is कर्रो chhatrī, and the roof of it is इत् chhat or (in Gaya) तडक tarak गरेला gadelā or (in South-East Tirbut and South Munger) गर्हो gaddi is a cushion at the top to keep off the sun. The awning at the side is पर्दा pardā or in Sāran घटा टाप ghatā top, which is fastened by iron rings, कड़ी karī or (in Gaya) खोलो kholī. The ropes which support the awning poles are इथ्वाँसा hathwānsā, and the rope trellis between the two rear awning poles चाक् chauk. This last serves as a back to lean against.
- 224. The ভূঁহা khūntā or ভুঁহ্যা khūntrā are posts which support the body in front on the axle. চহুত্বা dharuā, চাহুত্বা dhāruā. or (in South Bhagalpur) ঢালুহা dha'nan, are the losts which support the body on the axle behind the ভুঁহা hhūnta. ব্ৰেলী baw'ই or বীকা



PONY CARRIAGE (EKKA), WITHOUT CANOPY.



AN EKKA WITH CANOPY

bauli are similar posts behind the Ezzi khūnta, but in front of the চৰ্মা dharua. They are quite inside the body of the cart. To the west of the North Gangetic tract they are also called us ganj. The पाँक्या ponchhiyā or (to the west) पिक् आ pichhuā are the pointed ends of the lower shafts behind. In South Bhagalpur they are called दमली daglī. तान tān are the four iron bars which support the body on the axle. Two of them are called खंडातान khuntatan or (in South-West Shahabad) गजनाग qajbāq. माँभा mānjha are similar wooden supports. The etant sanwagi or etal saungi is the twine net under the seat, and the straps which keep it up are the साँगी के नारी saungi ke nārī. The गोड़िया goriyā are side ropes which fasten the splashboard to the axile, and the untal dhamāka is the leather siding inside the wheels. The four curved bamboo shafts are atm tanga or (in Patna) टाँगा tāngā. The छाती के नारी chhāti ke nāri is a strap inside, fastening the body to the axle in front of the सौँगी के नारी saungi ke nāri. The जहाव ladāw are cross pieces of bamboo from shaft to shaft, forming the body of the cart. In North-East Tirhut, they are called দুৱা phathi, and in South Bhagalpur ৰুৱা battā. The net at the bottom is ভাৰো  $j\bar{a}l\bar{a}$ , and the সাহ ৰা jhatka is a strong rope behind and below, fastening the cross-pieces of the body.

- 225. The driver's seat is कारतने kartoli. The pieces of bamboo which run underneath from shaft to shaft, on which the driver rests his feet, are सत छोरा latklora generally north of the Ganges, or इंड्रो darenri in Sarān and इंड्रा denrerā in South-Erst Tirhut. In Shahabad they are सतेड़ा latera, in Patna and Gaya इंड्रिया danriyā, and तरेरा tarerā in South Bhagalpur. The शिड्या goriyā or (in South-East Tirhut) घोड़िया ghoriyā are pieces of wood which join the upper and lower shafts. पद्धी pankhi are pieces of leather joining the upper and lower shafts near the yoke. These shafts are also fastened by a leather rope called, north of the Ganges, सुद्धा muthrā, and to the south of it मोउड़ा के नाड़ी mothra ke nāri, or in Shahabad में इड़ा के नारो munhra ke nāri. In Patna and Gaya it is called छड़ा chharā. The मोधापड़ा mothapara is a brass cap fitting on to the ends of the two shafts.
- 226. Harness.—The pointed part of the saddle is জামাই khogīr, or in Shahabad and East Bhagalpur অমুহ khagūr. The pad is মহা gadi or মহা gaddi. The wooden block is কতহা kathra or (in South-West Shahabad) কতলা kathla. The rings through which the reins pass are কড়া kara or হাড কড়া rās kari. The leather sureingle going over the saddle, round the horse's shoulders and across his chest, is प्रश् तक pushtang or प्रश् तक

<sup>1.</sup> In North Shahabad and South Saran, it is some times called atta (agan).

pustang. Another name is जोत jot. The leather belly-band is सङ्घ tang. रास rās means the reins; तावा tāwa or (in South Bhagalpur) तवज tawak, the leather cover of the saddle; नाम ला nāgla, नाम nagla, or तम मा tasmā, the straps which fasten the shafts to the saddle; and केंची kainchī, the wooden side supports of the saddle. Other names for this last are केंचिया kinchiyā (Champaran and Tirhut), मोड्या goriyā (South Tirhut, Patna, and Gaya) दिक्टी के सक्ही tikthi ke lakri in South-West Shahabad, and देखी tetkhi in South Bhagalpur. दुमची dumchi or दुमक्चा dumkaja\* is the crupper. The bridle is पूजीपहा pūnji pattā, and the iron bit जाम lagām. The martingale is जेरबस jerband, the cloth over the eyes which serves as blinkers अधारी andhāri, the neck-crument करा kanthu, and the brass moon on the horse's forehead चाँद chānd.

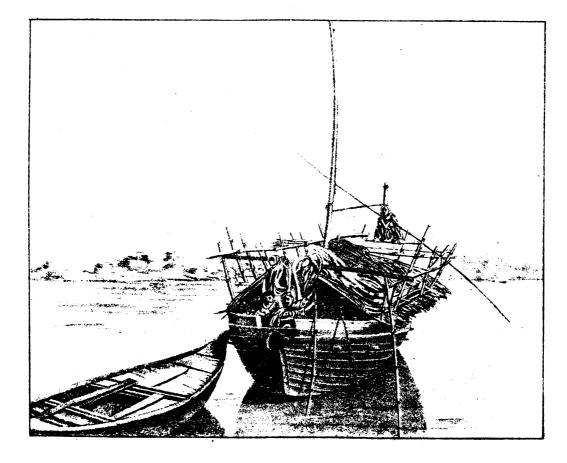
- 227. गॅनिया ganjiyā or तोन ड्रा tobrā is the bag hung on either side for holding the passenger's shoes, &c.
- 228. The above is a description of an Unit ekkā when the canopy is attached. When this is taken down, a back railing is added, need kataharā, instead of the rear posts, and instead of the two front posts two shorter opes are set up, one on each side of the driver's seat, called four such side of the driver's seat, called

#### CHAPTER VI.—THE COUNTRY BOAT.

- 229. Boats are of various kinds. The following may be noted:—
  The general term for a boat is नाव nāw, and to the west also नैया
  nayyā.†
- 230. The larger kinds of boats are उतांत ulānk (which has a long narrow bow overhanging the water in front), में ज ह्नो melhani (which has a broad bluff bow), पर जो pateli, or पर जो pateli, also called in Sāran कतरा katrā (on which the boards forming the sides overlap and are not joined edge to edge), कर् हा kachchha (which is shaped like square shallow box, without proper bow or stern, and is steered with two rudders. It takes great burdens, and will go in very shallow water), and the बरङ्गा sarangā, or in Shahabad खताना salīnā, and in Tirhut खरिना sarinnā (which has a round bottom for shallow water).
- 231. Smaller varieties are size do hat or in Shahabad size doet (which has a flattish bottom for shallow water, and has its bow and

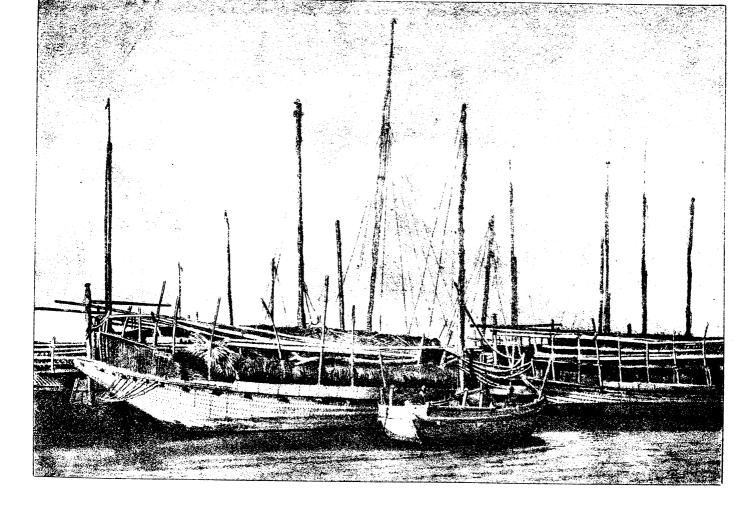
<sup>\*</sup> The fate of the ekka pony is well shown in the proverb द्वा वा घाड इउ साँभ दुमक्जा dāna na ghās, dunu sānjh dumkaia,—no grains or grass and the crupper on night and morning.

<sup>†</sup> नैया (Naiyā is a familiar or colloquial form of नाव (Naw) and is an example of the change that common names undergo in colloquial Hindi, ां गैया (Gayā) वाका(या (bakariyā) etc.

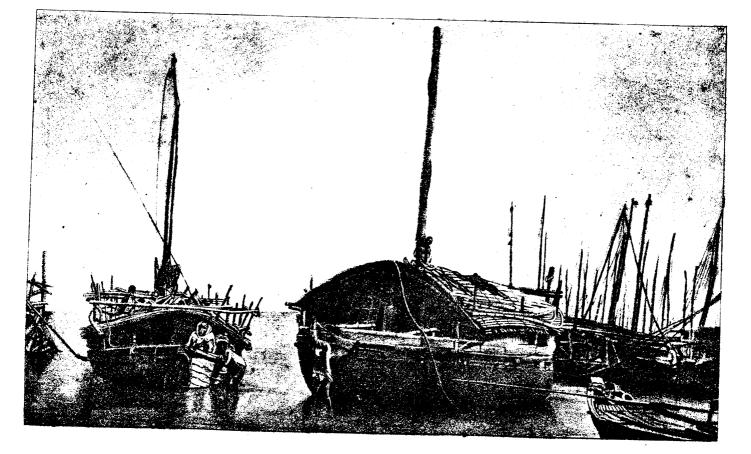


PALWĀR.

SARANGA,



A GROUP OF MELHNIS.



Stern of a Melhni.

Dohat.

Pansûhı.

Bow of a Dengi Machhua.

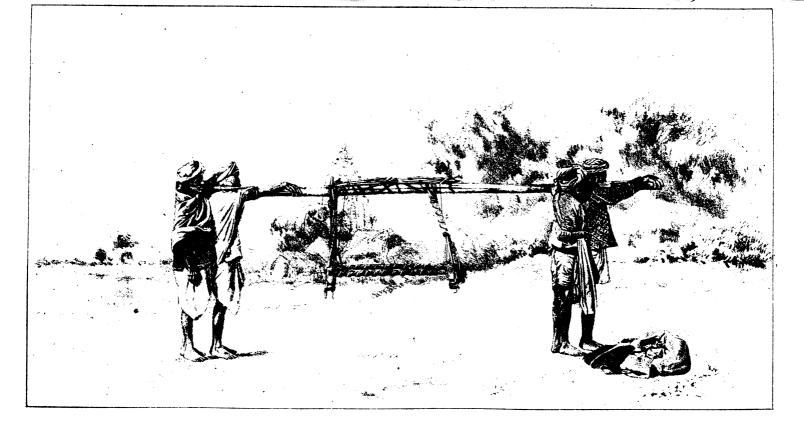
stern portions cut out of solid wood), and unu to pansuhi (which has a round bottom, but goes in shallow water).

- 232. The smallest kinds are प्रज वार palwār or skiff and एकटा ekthā or dug-out. The latter is also called व गाड़ा bangarā. Also the खोज ने या kholnaiya, with both ends rising like a gondola well out of the water and which cannot sink. Another similar boat is called the हेंगी मङ्खा dengi machhua, or dingy. घर नई gharnaī (South Bihar) is a temporary raft made of water-jars (घड़ा) ghāra and bamboos tied together.
- 233. The parts of a boat are as follows:—The thwarts are not gūrha and the ribs नाता bātā or (in Champaran) उड्याता tharbāta उड्या thariya (in Champaran and North-West Tirhut) मोक्स gochha (in Saran and South-West Tirhut), गुञ्का guchchhā (in North-East Tirhut), and काछ kāchh (in South-East Tirhut). Smaller transverse ribs are ata bank. The outer planking is ছাত hār or (in South Munger) बाक्स bākal, (in Champaran and West Tirbut) ৰমৰ bagal, and (in North-East Tirbut) कारूक पाटी kāchhak pāti. In Gaya it is जब महार jalmahar. In Shahabad the planks which run from end to end in the length of the boat are स्रहार ahār, and देवाल dewal is also used to mean the "wall" or side planks. The flooring inside the boat is uten patam or uzaza patawatan or in Saran water patauri. A long plank running over this is in Shahabad अपती apati. The grating above the bottom of the boat is चाजी chāli or (in South-West Tirhut) उद्धा urhrha, and (in North-East Tirhut) पटाइ patāi. In a uz al pataili the planks at the bottom which run from end to end are that, lewa and in other kinds of boats मश्चि mariya or (in North-East Tirhut) मर्चा merevā, and in Saran मोरिया moriyā. The platform on which the rower sits is पटौरी patauri or विटन bitan. When on the roof of a large boat, it is बीट. bit or पटाइ patai, or in Shahabad इस मचानी halmachani or मचान machān. The deck planks in the middle are पाटना pāinā. चाचर chāchar is brushwood put in the bottom to stand on. कड्वा karwā or क ड्वा kanrwa are the posts which support the thwarts. Sign jonka are iron rings to which the roof of the boat is fastened by ropes. In North-East Tirbut and South Munger they are called as kari.
- 234. When a boat is calked with the bark of the परास parās tree (butea frondosa) the calking is called रम्बत् raswat, and when with hemp it is तस्ती gahanī. चटार atār (in Champāran and North-West Tirhut) is string used for calking.
- 235. The keel, which is the first plank laid in making a boat, is বিদ্ধা sikkā. In Champaran it is মছৰ sahan, and uন ব patain or ভাছা dandā n South-East Tirhut. It runs the whole length of the boat, and hence

বিকাৰে sikkā is also used to mean the two ends of the boat. The length of the boat is হৰহ dawar, and is stern post মন্ত্ৰী galhi. The prow is মনজ malang, মালি māngi,\* or মান্ত্ৰীয় māng.

- 236. The rudder is पन्नार patwār or (in North Tirhut) पतियार privyār. In Gaya it is पट्नार patwār. This is properly the lower piece. The rudder post is गोल gol, (in Shahabad, North-East Tirhut and, optionally, South Munger) खन्हा khamhā, or in Gaya गोला gaulā, and it is fastened to the thwart by a rope called निषया nathiyā. The tiller is खेला sailā or (in South Munger and North-East Tirhut) खारा dantā, and the socket in which it works बनरा banarā or (in North-West Tirhut देल thel, and (in North-East Tirhut) दे हरी thehri. One rope, by which the rudder is fastened to the boat, is गंड्नखा ganṛkassa, and another by which it is held up, is चंक्निश्वा ankawāriyā. The steersman is माँभी mānjhi.
- 237. च व्ता sewtā or (in South-East Tirhut) चीता sotā is the wooden vessel used for baling out water. An oar is डाँड् dānṛ, a paddle करबार karuār, कारबार keruār, or in Saran करबारी karuāri, and the blade of it पाता pātā. A punting pole is काणी laggi or काणा laggā.
- 238. The mast is गुर खा gurkhā or मस तुल mastūl, or in Shahabad गुन रखा gunrakhā, and the yard is मोर नो morni. The mast is raised on a post to which it is spliced. This is दर स्था darsūdhā or जसोधा iasodhā in South Munger and Tirhut, जर सुधा jarasudhā in Champaran, and जन सधा jubsadhā there and in North-West Tirhut. The socket in the bottom, in which the post is stepped, is दर स्था के मिलया darsūdha ke maliyā or मस्ता malwā. The सत्त्वनिया satwaniyā is the thwart to which the post is tied. It is called in South-East Tirhut स्ता sūt. The pulleys are चिर्नो ghirnī, and the sail is पाल pāl, and in Shaha-abad सत्त sūrt or सत्वनियाँ surtwaniyān.
- 239. The tow-rope is गून एकँग or (in Gaya and the south-west) गोन gon, which is tied to pieces of bamboo called ब द्या berua or खूटा khāntā or in Shahabad बद्धा baruā, which the boatmen press against their shoulders when hauling a boat up stream. The man who tows is गुन्बाइ gunwāh. जहासी lāhasī is a cable, and जहार langar or गिरावी girābī the anchor. A large iron anchor is जोह्जहर loklangar or गिरावी girāmī.
- 240. To draw water (of a boat) is पानि तो इव pāni torab to the east and पानि तूरल pāni tural to the west, e.g., है कच्छा बहुत, कम पानी तूरत

<sup>\*</sup>The most comfortable seat is in the bow. Hence the proverb जनिका छेच।
निक् से खिला माँगि सवार anikā khewā nahin, se agila māngi sawār,—the fello w who hasn't money to pay his fare takes the bowseat.



THE ORDINARY COUNTRY LITTER (DOLI).

सा i kachchha bahut kam pāni tūrat bā—this kachchha draws very little water. To be aground is टोक्स tikab.

## CHAPTER VII.—THE LITTER.

- 241. The litter is खटोजी khatolī, ভাজী dolī, or (in North-East Tirhut) खोट्जी khotlī. ভাজী dolī is also used for the ornamented litter used at marriages, which is also called in South Bhagalpur খন্তাজ chandol or বছবভাগ tartarwān. The last word is said to be a corruption of the Persian তা কুলা takht rawān, or moving throne. In the west it is also called নাজ কা nālki or বিষল্পনী tiyahutī pālkī.
- 242. The bamboo pole is at bans, and from it the litter is suspended.
- 243. The litter itself is with a bottom made of rough twine (Hatl sutrī). The sides and ends of the bed are util pātī. In South Bhagalpur, the sides are called ut pattī and the ends (utal sirwā. At each end, two pieces of split bamboo run up from each corner, meeting about 3 feet above the bed, and thus forming a triangle. These bamboos are called thurst sipāwā, or in South Munger thurst sipāhā, and in Sāran thurst sipāwā, and they are fastened to the corners of the bed and, at the apex of the triangle, to the pole by a string called at an barkas. This string is also twisted round the thurst sipāwā to strengthen them. A bamboo stick passes through the pole just behind the rear thurst sipawā, and, descending perpendicularly, is braced to them by strings. This is called the same therefore it thereof is a sipping round. The illustration shows a litter as carried by four persons, but this kind is more usually borne by two.
- 244. The feet of the bed are called पौद्धा pauā, and the s.rings for tightening the bottom of the bed are छोर्चन orchan, and also in Shahahad चोरहावन ordāwan.
- 245. Fastened to the pole over the bed, and in a plane parallel to it, is an oblong framework of bamboo slips for supporting the canopy. This is called उर्शे thatrī, and in South Bhagalpur also क्ला chhatni or क्ला chhatnī; and the string braces descending from its four corners to the four corners of the bed, to keep this awning steady, are called तान tān.
- 246. The illustration shows a litter without the curtains. When a woman travels in it, the whole is enclosed in a set of curtains like a bell-monthed bag, called আহাত ohār or un হা pardā.

<sup>1.</sup> वियम्ती (biyahuti) means "appertaining to marriage."

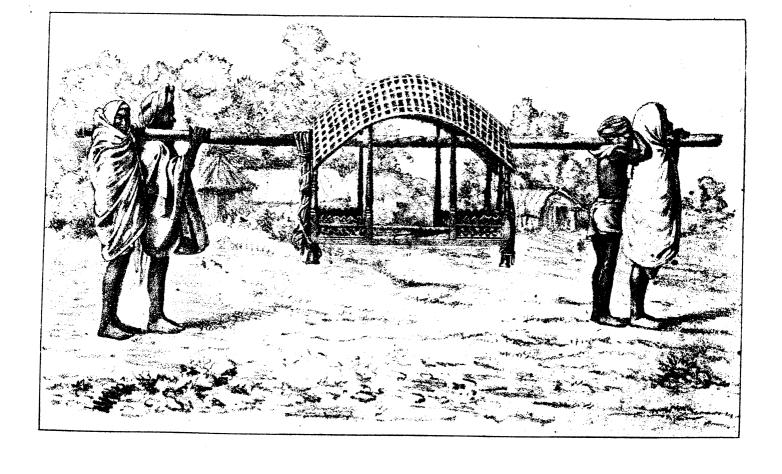
- 247. A superior kind of litter, used by richer women, is मेत्राना meānā, में आना menānā महण्डा mahapphā, डाँडी dānrī, or डाँड्या danriyā. It has a domed roof, called उट्शी thatrī, supported on eight pillars (four at each side), called उत्ता dantā. The side boards of the body are called हो बाज dāwā/, or in Shahabad दिल हा dilhā, and the doorway इडारी duhārī, or in South Munger दुआरो duārī. The rest is like the डोली dōlī.
- 248. The वर दरी bardarī, or in Shahabad वर इद्दी barahdarī, also called in Sāran खा खिर्य kharkhariyā, is the corresponding litter used by wealthy men. It is the native form of the Europeanized palankeen. In this the side-pieces at the bottom are called पाटी pātī or परिय patiyā the net bottom विनावट bināwat, the legs पोचा pauā, the side boards पट्टी patrī, the four pillars at each side खिपीचा sipauā, the doorway इहारी luhāri, and the roof क्व chhat. The shelf inside at the feet end of the litter is दराच darāj.
- 249. The poles are called बाँस bāns, and the curved end of the front pole घोष thop. The four iron struts at each end are called तान tān and they meet in a ring (चुक्सिया chukiyā or in South Bhagalpur सामो samā), which goes round the pole. The inner end of the pole rests in a socket in the end of the litter, which is also called चुक्सिया chukiyā, and also in South Munger सामो sāmā or खुक्या khubiya. The rope network filling up the space between the two lower struts at each end is called क्स. है kasāwat, or in South Bhagalpur क्सन kasan.

# SUBDIVISION VII.

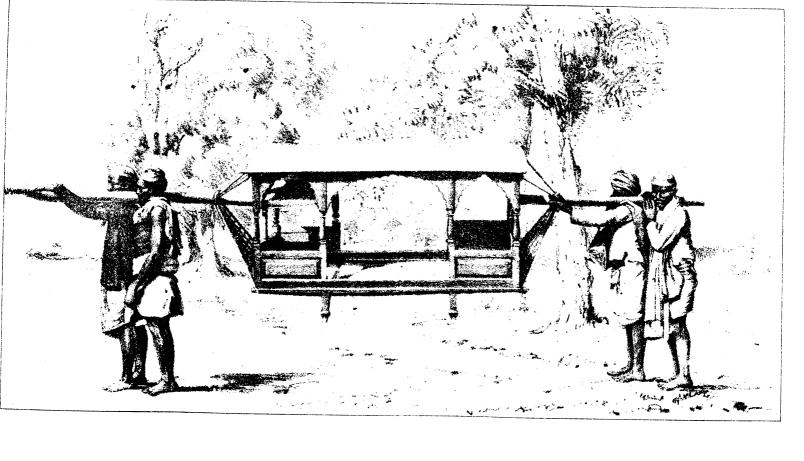
## APPLIANCES USED IN RURAL MANUFACTURE.

# CHAPTER I.—APPLIANCES USED IN THE MANUFACTURE OF OIL.

250. The oil-mill is known as कोल इ kolha or को ज इ kolhā throughout the Province. In Gaya it is also के ज इ kelhā. It closely resembles the sugar-mill, as described in the next section, and a detailed description is not necessary. Nevertheless, owing to the circumstances stated therein, it has been found inconvenient to give an illustration of a sugar-mill, and accordingly the following description of a Patna oil-mill is here given in order to explain the accompanying sketches. To these reference can be made in reading the section on the sugar-mill, in which the few points of difference are noted. A well-known proverb



THE LITTER USED BY RICH WOMEN (MEYĀNA).



BARDARI (COUNTRY PALANKEEN).



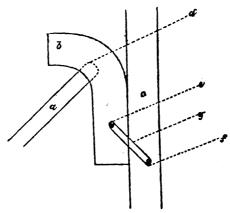
An orl-mill, showing the manner of yoking and blindfolding the bullock.

An oil-mill (kolhu)

about the oil-mill is देश खरी खाय गहि,कोल इ चाटे जाय del khari khāy nahin, kolh chātai jāy,—(the bullock) won't eat oil-cake when it is given to him, and yet it goes to lick the oil-press; i.e., stolen goods are sweet.

- 251. The hollow wooden block forming the bed of the mill. This is कील इ kolha or कील इ kolhū, and in Gaya also केल इ kelhū. In this the cavity in which the oil-seeds to be crushed are placed is known as पैट pet or হছে handā, or in North-East Tirhut, কু চু kūnrh and in Shahabad खान khān. In the oil-mill, this cavity is shaped like an inverted coné, the apex reaching to about midway down the block. There it is about two inches wide, and thence it widens again like an hour-glass till it leads into the back of the top of the faits niroh. The lower half of this hour-glass cavity is known as অথা athri. The lower end (মূহা mūnrī) of the pestle (महन mahan) is just wide enough to fit tightly into the narrow part of the cavity at the waist. The upper half of the cavity is that in which the oil-seeds are placed. It has a lining of a series of longitudinal pieces of hard wood, wider at the top and tapering to the bottom, which are very tightly wedged together. These are called up pāchar. Sometimes, when these get. worn away by the constant working of the pestle, a fresh lining is put. inside them. In this case the old lining is called styre tharpachrā: or in North-East Tirhut atuati tarpachra, and the new inner lining पेट्पच्रा patpachra.
- 252. The block is buried very deeply in the ground to steady it. The part below ground is called कहा janghā. Round the base a circular mound of earth is fitted, called भौता bhauntā, or in South Bhagalpur भौता bhauntho, in North-East Tirhut भन्ता bhattā, and in Sāran म नौटा manjhauta; and in this, below the exit for oil, a space is dug out for the vessel (द्वा chhauna) receiving the oil.
- 253. The exit for oil is the triangular hole at the bottom of the block over the above-mentioned cavity. It communicates at its upper end with the equil athri. This oil exit, together with the cavity for holding the vessel, are together called fixe niroh, and in Saran and Tirhut also fixe naroh.
  - 254. The flat top of the block is called WITT pārā.
- 255. The horizontal board to which the bullocks are attached.—
  This is called द्वारी katri. On it the oilman (त्वा telī) sits, and while he drives the bullocks he at the same time keeps pressing down the seeds into the cavity with his left hand.

256. The upright beam, or pessic, which moves in the hollow of the mill and crushes the seeds.-This is मोचन mohan or माचन māhan To the west it is also called जाउ jāth, or in Shahabad मोचन mohan, and in North-East Tirhut, मोचन mohain. The ball at the end of this beam which fits into the narrowest part of the hollow of the block, is मूद्रा mūnri. The ferrule round this is सद्यारी murwārī. The notch above this is कान्ह kānh or कन्दा kandhā. The upper end of the pestle rounded off is द्वार chūr or पूद्धा pūnchhī, and the curved piece of wood joined to this is दिना dhenkā, or in North-East Tirhut दिवास dhenkua. Thin curved block of wood connects the pestle with the upright post which is fixed in the horizontal driving-beam: thus—



- **257.** In the above sketch b is the  $\overrightarrow{t}$  and  $dhenk\overline{a}$ , a is the top of the star mohan fitting into it up to the point marked d. The upright post is e, which is fastened to b by a string g passing round the two pegs e and f.
- 258. The upright post is called मरयन् marthamh, or in Sāran मलित यम malik tham, the pegs e and f खंटो khūnti, and the string g नायन nādhan, or in East Tirhut जाय lādh and South Bhagalpur तथा leḍhā. The string is generally made of straw. The upright post is fastened to the horizontal board, कत्री katrī, by a wedge, गर्वकी garkilli, which goes through the former and under the latter.
- 259. The horizontal board revolves round the main block of the machine; at the end of the board nearest the block is fastend a thick lump of wood called well phentā, or in Saran well phenta, which acts as a kind of washer between the end of the board and the block, and which also rests against the latter, revolving in a horizontal groove (called with māndar) cut in the latter's exterior surface. A bamboo strut

runs up from the inner portion of the horizontal board to meet the upright post, so as to strengthen the joint. It is called ख्राजी kharchālē, or in North-East Tirhut खंड्यारी khanrchārē, and in Gaya and Shahabad खंड्या khanrchar.

- 260. The arrangement for stirring up the oil-mill.—This is called text rewt, or in South Bhagalpur Htell bharnath, or Takan, and does not exist in the sugar-mill. It consists of a peg, Takhuūt, standing up in the cavity amidst the oil-seeds, alongside the pestle; to its top is fixed a horizontal pole or handle, the other end of which is fastened to the upright post, Hture marthamha, by another peg, Takhūnt. The whole therefore revolves with the pestle, the first peg moving amongst the seeds concentrically with it and stirring them up. At the same time the stirring is rendered more effective by the peg being perpendicular and the pestle on a slant.
- 261. The yoking apparatus.—The rope which is fastend to a peg in the end of the horizontal beam, passed round the hump of the bullock and back again to the beam, where it is tied into a hole, is called काटा kārha, and the rope passing under the bullock's chest, joining the two traces thus made, is पेटी petī. The canvas pad on the bullock's hump is काँची kāndhī, and the cloth or wicker basket by which he is blindfolded is टोक नी toknī or खोजा kholā, or to the east खोजचा kholsa. The rope from the bullock's neck up to the curved block or देना dhenkā is प्राचा paghā, and the iron link fastened to this close to the bullock's neck is भौद कजो bhaur kalī. The rope round his neck, connected to the प्राचा paghā by this link, is गाइवानी gardawānī, or in North East Tirhut गाइवाने gardāmī and in Champaran गाइवाने gardānī and that going through the bullock's nose is नाय nath. A bullock employed in an oil or sugar-cane press is called a नाटाँ ने ज nāta bail.
- 262. Miscellaneous.—The circle in which the bullocks move is called ut paur or util paurē, and in South Bhagalpur also ut bhar.
- 263. The pot into which the oil drops is called छ्ना chhana. As much oil-seed as can go into the press at one time is called घानी ghānī. The oil-cake which remains after the oil has been expressed is called खन्ने khallī, or in Saran खरी kharrī, except the oil-cake of poppy seeds (पोसता posta), which is called पीना खन्नी pīnā khallī, or simply पीना pīnā.
- 264. To work the mill is पेर्व or पेड्व perāb.

<sup>1.</sup> All the words spring from the word क्ष्ट्रन्—neck.

## CHAPTER II.—APPLIANCES USED IN THE MANUFACTURE OF SUGAR.

#### A.-THE CANE MILL.

- 265. The cane-mill is known as कोल्ड kolha or कोल इ kolha throughout the Province. Patent mills introduced by European firms are known as कल kal..
- 266. It is apprehended that the following description of a country sugar-mill will be of little else than antiquarian interest, for such mills are fast disappearing from Bihar, being superseded by the Englishmade iron crushing-mill made at Bihia. To such an extent has the use of country mills died out, that the writer found it impossible to find a single one in the sadr subdivision of the Patna District which was in a fit state for a photograph to be taken of it. They had all been broken up for firewood, only a few dismantled ones being available. For a general idea as to its appearance, the reader is referred to the illustrations of an oil-mill in the last chapter.
  - 267. The following are the principal points of difference :-
    - (1) The hollow in the block has perpendicular and not sloping sides, and it is hence cylindrical, and not conical, in shape.
    - (2) The sugar-mill has no रेव्टी rewtī.
    - (3) In a sugar-mill the pestle and its appurtenances are on a much larger scale. The **मोइन** mohan is six or seven cubits long, while in an oil-mill it is seldom more than three and a half cubits, the rest in both cases being in proportion.
    - (4) The names of the parts differ.
- 268. The hollowed wooden block forming the bed of the mill.—This is generally known as wing kella or wing kollā. The cavity in this, in which the pieces of cane to be crushed are placed, is known north of the Ganges, to the west, as wind khān, or in Champāran was given handā or wind kunda or wind kūnra. In Shahabad it is known as with handā or wind hanroloā. In South Munger it is wint hānrā, and elsewhere south of the Ganges, will handha or win hānda. Round the edge, at the top of this, a rim of mud is sometimes placed to prevent the pieces of cane falling off. This is called uis pinr. An iron ring fastened round the block to strengthen it and prevent it from splitting is a ban, and in Tirhut also unit pattar, and in South Bhagalpur unit marro.
- 269. An iron ring is sometimes fixed under the block to prevent it being worn away by the crushing-pestle. This is geneally सौरवार

morwār, with variants मोर्बाइ morwāh (North-East, Tirhut), मुद्रवार murwār (Shahabad and Patna), मुद्र mūr (Gaya) मुद्रा murera or मुद्रारी murwār in South Munger, and चन्द्रा chanrā in Saran. The पाच इ or पाचर pāchar is a round piece of wood placed in the bottom of the cavity and on which the crushing-pestle moves. रोहा or रोरा rera is used for the smaller wedges of wood placed in the cavity above this to help in crushing the juice. These are also called च दिया chandiyā in Champaran and North-East Tirhut, and खोच hhonch to the cast. In Saran and Champaran रोन raun is canal cut on the surface of the block through which any juice thrown up may flow back into the cavity. In North West Tirhut this is called रेन rain, in North-East Tirhut स्वर्णन raspain, and in South-East Tirhut स्वर्ण hhūtā.

- 270. The drain for the juice cut in the bottom of the block is to the north नरहो ह nardoh; also in Tirhut नरो ह naroh, in North East Tirhut नरोही narohī, and in South-East Tirhut रसेड़ raser; in South-West Shahabad it is गुज्जर आ gujuruā, and in the rest of the district जोहा johā or रसहा rashā; in Patna it is रस्पार rasghāra or निरोह nīroh; in Gaya it is होनी chhonī; in South Munger, चोना chonā: and in South Bhagalpur. जर जो larlo.
- 271. The wooden spout through which the juice drops is पत्नारी patnārī. In the body of the block a channel is cut in which the block फेंटा phentha, of the driving gear works. This is called चर्रा ghurrā in Shahabad and महर māndar in Patna.
- 272. The horizontal board to which the bullocks are attached.—This is कत्रो katrī, with a variant, कातरि kātari or कात्र katar, in Shahabad, South-East Tirbut, and South Bhagalpur.
- 273. The upright beam or pestle which moves in the hollow of the mill and crushes the cane—For this three names are current, viz. মৌহন mohan (Tirhut, except the north-west, Champāran, Patna, and South Munger), with variants, মহন mahan, in Gaya and North-West Tirhut, and মৌহন mohan in Shahabad, আই lāth (Tīrhut and Champāran), and আই jāth (Tīrhut and Shahabad). The last word is used in Sāran only in reference to the oil-mill, and not to the cane-mill.
- 274. The ball at the end of this beam, which fits with the hollow of the block, is मूं इ mūnr, महा mūnra, महा mūnra. The notch above this is north of the Ganges and in Patna कान्ड kūnha or क्या kandha. In North-West Tirhut it is किन्डिया kanhiyā, and in South-East Tirhut प्रशा panjā. In Shahabad it is कान् kūn or जागरा longra. In Gaya it is

- मोहन्यमा mohanthambha, and in South Munger देना dhenkā. The upper end rounded off is च्र chūr or च्राया chūrijā, or (in North-East Tirhut) सङ् mūnr; and the curved block of wood joined to this is देना dhenkā or (in North Tihut, Shahabad, and South Bhagalpur) देनुवा dhenkuā and in Sāran देनुवा dhenkuā. This curved block of wood connect the pestle with the upright post which is fixed in the horizontal driving-board.
- 275. This upright post is north of the Ganges, to the west, द्वासा harsā or द्वासा harisā, and to the east (and in South Bhagalpur) भानिक यम maniktham or मानिकयम māniktham. In Shahabad it is मनसम mankham, in Patna and Gaya छ ्रा khūntā or माय म्ह marthamh, an मानिसम mānikham in South Munger. The pieces of wood which keep the beam of the driving gear in the channel at the base of the block are जोमा iībha or जिमिया iibhiyā, or in Saran the front one is called प्रा phentā, and the back one क्लेंब kanail or (south of the Ganges) कल्ले कितारिंग, and in Sāran करेंबी kanaili. In North-East Tirhut they are called जिविया jibiyā.
- 276. A rope of straw supporting the pestle by fastening it to the upright beam is north of the Ganges, to the west, नामन् nādhan, in Champār in नम्ना nadhnā, in Tirhut नमान् nadhān, but in East Tirhut जाध्य lādh. In Shahabad it is दे इना tanrnā, in Gaya नाम् बरता nādhā baratā, in Patna नामन् nādhan, in South Munger नाम्य nādhā or बर्म्ह barah and in South Bhagalpur चार्गी sārangī, or जिम्मा ledhā.
- 277. The bamboo strut attached to the horizontal driving-board and running up obliquely to meet the upright post, is called north of the Ganges द्वा चांडी kherchā rī, or south of it कमोरा kamorā (Shahabad), खंड्चर kharchar (also in Shahabad), खंड्चर kharchar or खर्चाली kharchā(in (Patna and Gaya), कुंड दिया kudanriyā in South Munger, and खर्चाल kharchārū in South Bhagalpur. This is fastened to the driving-beam by a rope, called नारन nāran or नाया nadhā, or in East Tirhut जारन lāran.
- 278. The part of the horizontal beam on which the driver sits in analy kātari, ana kātar, or an il katari as above.
- 279. The leather thong by which this horizontal beam is connected with the yoke is नाधा nadhā or (in Saran) कन्द्र को kanhelī, (in Gaya) नाधा ना anadha bartā, and in Patna माँका mānjhā. काइ kārh or (in North-East Tirhut and Shahabad) काइ। kārhā is a rope which is tied to a peg in the end of the horizontal board, passed round the hump of the bullock and back again to the board, where it is tied into a hole

and the rope passing under the bullock's chest, joining the two traces thus made, is us peti.

- 280. Miscellaneous.—The circle in which the bullocks move has various names, viz. तार्पोर gorpaur (Sāran), पोरं paudar (Campāran and Shahabad), पोरं paur or पोरी paurā elsewhere north of the Ganges, in Patna, Gaya, and South Bhagalpur, वही bahā also in Patna, and वहारा barharā in South Munger.
- 281. The receptacle for the cane before it is cut (generally a hole in the ground) is गेंड्यारी genriyārī generally, and गेंड्यार geriyār to the west. The receptacle for cane ready cut is टोनियारी toniyārī, with variants टोनियारी toniyātī (Sāran, Champāran, and South-West Tirhut), टोनियासी toniyāsī (North-West Tirhut), and टोनियासी toniyāsī (North-West Tirhut), and टोनियासी toniyāsī (South Bhagalpur). In Shahabad it is called जार वार angarwār.
- 282. A wooden mallet is used for pressing the cane under the crusher. This is will thap i; also in North-East Tirhut Haz milit.
- 283. The cane as it is crushed is stirred up by hand, and the man who does this is called **Hit att** morwāh or **Hit att** morwāh, or in South Bhagalpur an att ghanwāhā. This man sometimes drives the bullocks also, and when he does so he is still called by this name.
- 284. The pot into which the juice drops is called generally खोरा khorā or (in South-East Tirhut) खोर khor. other local names being नाइ nād (Shahabad) and ज्ञाडा kundā (Shahabad, West Tirhut, and Patna), or (generally) इसा chhannā. Over this is often placed a basket or earthen pot with the bottom rierced like a sieve. This is called generally इसा chhannā, रम इसा raschhannā, or इसी chhenā. Local names for this are तरीड़ी taraurā (Sāran and Champāran), इसा chhittā (also in East Tirhut). or इस्ति chhirhirā (Shahabad), and दिवया daliyā (South Munger), An earthen vessel for holding the juice is in Gaya द्वा hathailā.
- 285. From these vessels the juice is removed to the boiler in a pot called arts or asis karāh, or sometimes arts karāhā.
- 286. The blocks on which the cane is cut are north of the Ganges and in Shahabad निस्हा nisuhā, a variant being निस्दा nisuā in South Bhagalpur Other names are देश thehā (North-West Tirhut), परियेटा pariyethā (Gaya), कुकाट kukāth (Patna), पर कट parkath (South Bhagalpur), and टोन्कटा tonkatta or टोन्कट tonkat in South-East Tirhut and Munger.
- 287. The hollow in the mill is in Bihār cleaned by hand while the crusher is turning: hence there is no apparatus in existence for raising the latter, as there is in Gorakhpur and Asamgarh.

- 288. The basket from which the mill is fed is क्टो chainti north of the Ganges, with a variant, क्टोटो chhītī, in North-East Tirhut. In Shahabad it is चोड़ो orī (also in East Tirhut) or देंची khainchī, and in South Bhagalpūr चोड़िया oriyā. In Patna it is बहा battā, and in Gaya पिथा pathiya. The pieces of cane cut up ready for the mill are बंदी genṛā to the west and optionally in East Tirhut, and टोनी tonī in Patna, Gaya, and to the east. In South-West Shahabad they are चौरारो angārī.
- 289. As much chopped cane as can go into the press at one time is धानी ghānī, and as much juice as can be boiled at one time ताव tāw. The latter is also खे पान् khepān in South-East Tirhut, पाक् pāk in Patna, and रान् rān or रान्ह rān in South Munger and South Bhagalpur.
- 290. The cane after the juice is expressed is called **entry** khoiyā, with local variants **entry** khohiyā (Patna Gaya, and the east) and **entry** khoihā in South Bhagalpur. In Shahabad, it is also **entry** chephuā.
- 291. To work the mill is पेर्ब or पेड्व perab, and when several cultivators take it in turns, each turn is called भाँच bhānj, पारी pārī, or (Gaya) पच हो paltā. When men work it turn by turn, they are said to do it भाँचा चिर् bhānjā sire north of the Ganges, फेरा पारी pherā phārī in Tirhut, and elsewhere पारा पारो pāra pārā. Sometimes a mill is owned by co-sharers, and then their taking it in turns is भंच द्विया thanjhariyā, चिन्चे ती sajhiyaitā, or (Tirhut) चब्देती sabthaitā, and also in North-East Tirhut, चिन्चा sajhiyā. In South Munger दिन dhenk is the working of a mill by cultivators for a week in turn, one after the other, till the turn of the first comes again.

## 292. The men engaged on the mili are as follows:-

(1) The man who cuts the standing cane.—This man is चाँगेहीहा angerāhā to the west generally गँदविद्या genrwahiyā in the north-west प्रज्ञाहा pajwāhā and प्रार्थाह pagarwāh or पंगर वाह pangarwāh in Tirhut: In Shahabad he is also गँड होता genrchhīlā, or in the south-west of the district, होत्र वा chohlwa; in Patna and Gaya he is केतर पार ketarpārā (from केतारी ketāri, sugar-cane), पर ताहर partāhar, or पर निहार pharnihār, and in South Munger कतर पारा katarpārā or पत्र पारा patarpārā. In South Bhagalpur, he is घरकहा ghurkattā or कटनिया ka'aniyā:

In Saran and Champaran these men do their work without wages in money, their pay being the leaves of the cane which they out, which they take home and use for cattle fodder.

- 293. (2) The man who cuts the cane into lengths for the mill is जान, kānū in South Tirhut and Sāran. In Champāran he is पन्न हा pakwāh, and to the west he is गाँडिनाटा genrikātā or जार्वाइ angarwāh. Elsewhere he is टोन्नटा tonkatta, with a variant, टोन्निटा tonkatta, in South-East Tirhut. In North-West Tirhut he is simply called मन्या majūrā, and in North-East Tirhut sometime जन jān. In Sāran and Champāran the same person cuts the cane and boils the juice, hence his name.
- 294. (3) The driver of the mill is করে হৈছে katarwāh, with variants করি হৈছে katarwāh or করে বাছা katarwāhā, and in South Bhagalpur করে হৈছে katarwahā. In South-West Shahabad and in Tirhut he is called ভূকবা hankwā.
- 295. (4) The man who feeds the mill.—He is মাঁবোছ monrwah or মাবোছ norwah generally. In Patna and Gaya he is ঘৰ্ৰাই ghanwahā or (in South Bhagalpur and South Munger) ঘৰ্ৰহা ghanbahā.
- 296. (5) The man who removes the crushed cane.—He is ছলুআই haluāī in North Tirhut; elsewhere this is done by the man who feeds.
- 297. The buildings.—The whole manufactory, including both cane-mill and boiling-house, is called कोल्ड्डबार kolhuār, or in South-West Shahabad गोलोर golour. In Patna, Gaya, and the east it is called कोब सार kolsār.
- 298. The house in which the cane is cut into slips for the mill is called में इयार genriyar, or में इयारी genriyar to the west and टोनियारो thoniyar to the east. Local varieties of this last are टोनियासो toniyas in Nort-West Tirhut and टोन्खाइ tonkhād in South Bhagalpur.
- 299. Folklore on the subject.—Near the place where the cane is cut into slips the men make a round idol of a diety called HAIL AL makār bir, or in Shahabad HEAIL AL makkār bir, and in North-East Tirhut HEAIL makkār. He is said to have been originally a Dom, who once came to a sugar manufactory in the olden time and asked for juice, which the people refused to give to him. Thereupon he jumped into the boiler and was boiled to death. His spirit became defied, and is now worshipped by the workmen. The worship consists in pouring a little water on the

image when the cane is brought into the manufactory from the field, so that he may wash himself. Then five canes are put before him. They are then cut up and put first into the mill. The first juice that comes out is also poured over him, and then the rest may go into the boiler. In South Bhagalpur the diety worshipped is

#### B.-THEBOILING-HOUSE.

- 300. This is in Saran गुड़ीर guranr, and in Shahabad गोजीर golaur; elsewhere it is simply कोल इन्हार kolhuār or कोल सार kolsār as above.
- 301. The fireplace is चूल हा chulhā, or in South Munger गम हर gamher. The hole through which the fire is fed with fuel is generally सह muh or मह munh, but in Patua and Gaya it is मोह खा mohkhā. The hole through which the fire is raked is खाँकी sānsē generally north of the Ganges, नगहा nangrā in North-East Tirhut, जगहा langrā in Shahabad, उधान udhān in South-East Tirhut. Elsewhere it has no special name. In Sāran जगहा langrā is a receptacle for the juice when removed from the boiling-pan.
- 302. The outlet for smoke is धुन्नांकस् dhuānkas north of the Ganges and in Shahahad. In South-West Shahabad it is धुन्ना dhundhukā, in Gaya it is दिक्का hikka, in Patna होक् hink, and नेंग्ड़ा nengrā in South Bhagalpur and South Munger.
- 303. The stick used in a poker is खोरनी khornā, or in Patna खोरना khornā. Local names are खोरीना khodaunā (South-West Shahabad) जार पार lahwāī (Shahabad), and खाना anchnā (to the east). In Shahabad पारो pharuhā, or in the west generally पारो phahūri, is a piece of wood used for raking out ashes. The man who stokes the fire is called जान kānū north of the Ganges and in South Bhagalpur and Shahabad. Local names are ध्रामाया dhurkamiyā (South-East Tirhut), पुरुष्मां दो chuljhonkā (East Tirhut and Shahabad), पुरुष्मां दो chulhanchā (East Tirhut and Gaya), जाना anchwāhā (Patna), and खाना anchwāhār (South Munger).
- 304. The vessel in which the juice is collected before boiling is बाह nād or बाहो nādī, or (in Gaya) चढी chattī, (Nort-East Tirhut) बसरी gayrī or चंचा ghaila. Generally, however, it is kept in the इसा chhanna (see above), of which there may be several in use at one time.
- 305. The spoon for taking the juice out of the boiler is north of the Ganges, to the west, use kathahā or use used kathaharpī, and to the east (also in Shahabad) use saik or use saikā. Elsewhere south

of the Ganges, it is **ভদাই** saphaī or **ভদা** saphaiyā. In South-West Shahabad, it is, however, ভাছাৰে dohrā, and in South Bhagalpur it is ভদাৰী daptā or ভাষা dabbū.

- 306. The scraper to prevent the sugar resting on the bottom of the boiler is खर्पा hhurpī generally. In Sāran and Champāran it is खर्पा khurpā, and in North-East Tirhut कड खर्पी khathkhurpī, the meaning of which here is different from that in Sāran, Champāran, and West Tirhut. In Patna it is पेड्नो pernī, and डप्टन daptan in South Bhagalpur.
- 307. The iron ladle used as a skimmer पौना is paunā, or (North Tirhut) में ज इसा mailchhannā, (South-West Shahabad and South Bhagalpur) धापी thāpī (also made of wood), and में मारा jhanihrā in Patna, Gaya, and South Munger. Sometimes it is not necessarily of ironand then it is खरणा khurpa in South-West Shahabad, द्या kathā or, इत्या hatthā (of earthenware) in Patna, Gaya, and South Munger, and south Bhagalpur.
- 308. The boiling-pan is called कराइ, कड़ाइ karāh or कराइरे karāhī. The earthen vessel used for removing the cooked juice from the boiler is north of the Ganges चंक saik or चंका saikā, and in Shahabad it is पंगीरा pangaurā; in Sāran it is पोंड़ा paunrā. The pot in which the boiled syrup is placed is called महको matukī south of the Ganges, also (South-West Shahabad) आड़ी orī, (Gaya) नह ना nadwā, खोरा khorā in the South-East, and कुँड़ो kūnrā in South Bhagalpur.
- 309. नाइ nād is a hole in the ground dug for receiving the coarse sugar. North of the Ganges it is also पौड़ा paunra or पौड़ी paunrā. The sugar is collected and thrown into this with a bamboo fitted at one end with a roller, which is called गुर्दम gurdam or (in South-West Shahabad) गुर्दम gurdan. In Tirhut it is also called इन सन dabkan, and in South-East Tirhut चपदे sapaī.
- 310. In North-East Tirbut HIZ māt or with is the large vessel in which the juice is finally coagulated. These are in Tirbut gravit gurpaur, and in Champaran (made of sun-baked earth) with dehra.
- 311. IT  $r\bar{a}b$  is undrained raw sugar, and  $q\bar{c}$   $g\bar{u}r$  is  $r\bar{a}b$  boiled down for a longer time. Further particulars concerning these and the other products will be found in the chapter relating to sugar-cane (§§ 1014, 1015).

## C.-THE SUGER REFINERY.

- 312. A sugar refinery is known as चोनी के करखाना chīnī ke kar khānā or चीनी के गोहाम chīnī ke godām. South of the Ganges the word खंड्यार् khanṛṣār or खंड्यारी khanṛṣārī is also used. The house in which the sugar is refined is called चूल्हा के घर cnūlha ke ghar or कराइ के घर karāh ke ghar. In South Bhagalpur it is भटा bhatthā.
- 313. In making coarse sugar (कांची चोनी kānchī chīnī), a vat. a drain, a reservoir, and a treading-floor are used.
- 314. The vat is in Shahabad हो द haud or हो हो haudī, in Gaya पह वचा chahbachcha, in Patna खंड गरना khanrgarnā, and in South Bhagalpur गुर्हा gurhandī. North of the Ganges and in Gaya it is नाइ nād or नाइ nānd.
- 315. The drain is नाली nālī or नारी nārī, or in South Bhagalpur कर हा karha In Sāran it is also called खाता khātā.
- 316. The reservoir is north of the Ganges, and optionally in Shahabad, নাহ nād or নাহ nānd. In Shahabad it is ভাষা dobha, in Patna ছীহ haud or বৰ্ষা charuā, and elsewhere south of the Ganges বছ ব্যা chahbachchā.
- 317. The treading-floor is पटा pattā north of the Ganges. South of it, it is in Shahabad पाटा pātā, in Patna and Gaya चन्तरा chabutarā, and to the east चटी chattē.
- 318. In making regular sugar or sate sakkar, the drain and the reservoir are used as before. The bundles (Alexi) motrā, or in Patna are all nārgā, in Gaya vai thaiyā, and in South Bhagalpur nist gājā) of sugar are tied up in cloths [sivet lothā or (in Patna and Gaya) sate chhalnā], placed on a bamboo framework and pressed with weights of stone or sun-dried clay. The framework is called north of the Ganges sit khānch or site khānchā, or (in Champāran and East Tirhut) sei chhaintā. In Shahabad it is zeil thatrī or cast tikthī, in Patna and Gaya zast tekthī, and in South Bhagalpur site chānchrī. The weights are situ chāmpā, or, when made of stone, use pathal, or in Sāran utul thāpī.
  - 319. The following utensils are used in the boiling-house .-
    - (a) An iron boiler, কাছে karāh, কাছে karāhā, or কাছে karāhā.

      When an earthen boiler is used, it is called ভ্ৰম ভা khapṛā or ভাষাই khapṛā, or in South-West Shahabad and East Tirhut অধ্যা athrā.

- (b) An iron ladle for removing the scum. This is इंगीटा chhanautā or पौना paunā, also in Patna and Gaya भा मारा jhanjhrā.
- (c) An earthen pot with holes in it, used as a filter নাহ nād or নাহ nānd. In South-West Shahabad it is ইতিবাল নাহ thenthiwāl nād.
- (d) A filter of river grass, known as चैंबार semwār or खेवार sewār, or in North-East Tirhut सेमार semār.
- (e) A scraper for removing the layer of clean sugar. When made of shell it is called ঘিনুতা situā, or in South-West Shahabad ভিনহা situhā or মুনহা sutuhā. A curved knife used for the same purpose is ভিছাৰ নী sihornā in Sāran and Champāran, উদ্বাৰ না sehornā in Shahabad, and ভাছৰ না soharnā in North-East Tirhut.
- (f) The filtering-basket for cleaning the same is ভাষা khānchā or ভাষা khānchā. In Gaya it is ভল্বা dalwā, and in the east also ভলা delī.
- (g) The wooden or iron ladle for cooling the boiling syrup is north of the Ganges तासिया tāmiyā or (in Sā an and North-East Tirhut) तिसया tāmiyā. South of the Ganges it is इन् dabbā, (in Shahabad) गुर इन gurdan, or in South Bhagalpur संस्रा jhanjhrā.
- (h) The iron stirring ladle used for taking syrup from the boiler and larger than the last is নামা tāmā north of the Ganges; in Shahabad it is खर্चনী khurchanī or ভীছা dohrā; in Patna, and Gaya it is ছাল্নী chholnī; and in South Bhagalpur ভাছ লা dohlā.
- (i) The earthenware jug for pouring the syrup into the boiler is संका saikā, also इत्या hatthā in Patna and Gaya, and प्यानी panchnā in South Bhagalpur. A larger jug of the same kind is निम्हा nimrā north of the Ganges, and निया nibrā or पर का parchhā south of it; also तीला taulā in the east.
- (j) The wooden supports of the filter are north of the Ganges ভাষা khātā, or ভূঁৱা ৰহা khuntā ballā south of the Ganges. They are in Shahabad বিজ্য sirā (also in South Munger) or বিষয়ে tirpāi, and ইমাই tepāi in South Bhagalpur. In Patna and Gaya they are made of earth or brick, and are called মাৰা gorā.

- (k) The shovel for stoking the fire is पाउटी pharuhi or पाइरा phahurā in Sāran and Champāran, and पाउटा pharuhā or कोटारी kodārī in East Tirhut. In Shahabad it is खड़मा kharmā, or in south-west of the district पर सा pharsā. In Gaya it is काज़्नी karhnā, in Patna आग काज़्ना agkarhnā, and in the east कर इस karchhul.
- (l) The ladle for stirring the hot syrup in the cooling pan is বিনয় tamiyān north of the Ganges and ব'বিষা tambiyā in Shahabad. In South-West Shahabad it is ভক্ষু dabbū, in Patna and Gaya ঘত্ৰা ghatnā, and in the east also হাৰা dābā.
- (m) The piece of matting or cloth in which the sugar is dried in the sun is uাল pāl, also in South-West Shahabād पাহা pāta, in Gaya হৃদ্ধা tappar, in Patna হাহ tāt, and in South Bhagalpur ৰহা chattī.
- (n) The flat wooden pans for cooling the syrup are কারীবা kathautā or কারীবা kathautī, also in the east কারীবা kathaut, and in Saran কারবন kathawat.¹ In Saran and Champaran they are নাই nād or আৰীবা osāunī.
- (o) The vessel into which the juice drops as it is filtered is परका parchhā or (North-East Tirhut and Shahabad) तीला taulā.

# CHAPTER III.-APPLIANCES USED IN THE MANUFACTURE OF INDIGO.

- 320. Indigo manufacture is confined almost entirely to North-Gangetic Bihār. 2
- 321. The indigo beating-vat is महाद के होज (or होद) mahāi ke hauj (or haud), and also in North-East Tirhut महनिया होद mahaniyā haud. The water reservoir is खजाना khajānā. The upper or steeping-vat is बोन्साद के होद bojhāī ke haud, or in East Tirhut बोन्सिनिया होद bojhaniyā haud. The rake for agitating the fermented liquor is पहरी phahurī in Sāran and परहा pharuhā elsewhere. In North-East Tirhut it is also परमा pharmā.

¹ कठोती (Kathawti) is a diminutive form of कठोता (Kathawta) Cf. कटोग (Katorā) and कटोरी (Katorī).

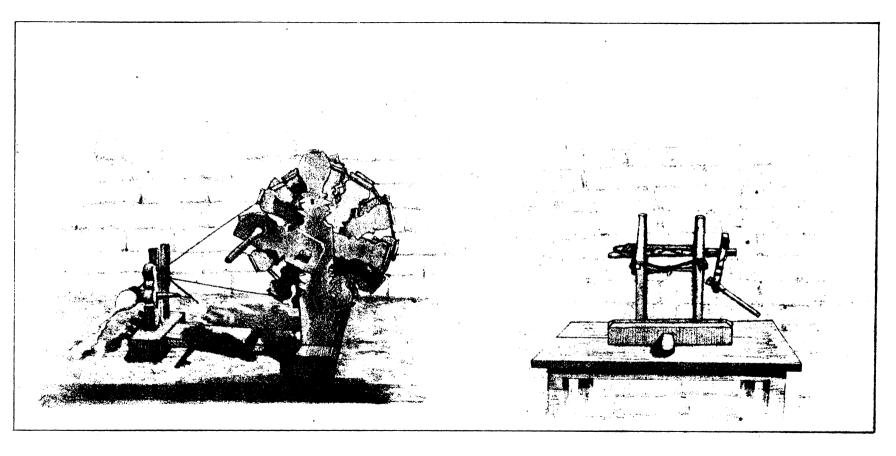
<sup>&</sup>lt;sup>2</sup> The author is indebted to W. B. Hudson, Esq., for much of the information contained in this chapter. The system of manufacture described is the old style, now only used by the Indian. In European factories the use of steam power has made considerable changes.

- 322. The beams of wood for pressing the plant are হ্ৰী হা dabautā in Sāran and Champāran, মহু নীয় saltīr in Tirhut and Saran হাৰ্ dāb or ঘ্ৰ dharan in North-East Tirhut, and ৰীম চইm in South-East Tirhut. These are supported on projections in the walls of the vat, called মলুমা majusē, or in Champaran নাৰ্ tān. In East Tirhut they are called বিষয়ে মাহা sirpāhā. Under these pressing-beams are placed, ৰহ্মা ballā, or in Saran কৰ্ kainch, which are bamboos laid immediately on the top of the plant.
- 323. The चौद्री handrī (Sāran and South Tirhut) or माल माड़ी māl jharī (Champāran and North Tirhut) is the small reservoir where the indigo juice collects to be taken to the boiler. The drain is नाली nālī or नारो nārī, or in Saran मोरी morī, and the छेकन chhekan is the door by which it is closed. The strainer is छन्ना chhannā, or in Scuth West Tirhut चहर chaddar.
- 324. The boiling-room is কাৰ্য হ karāh ghar. The মাজ mej is the wooden or masnory straining table in which the indigo is jut after being boiled. This is the name in Sāran, Champāran, and West Tirhut; to the east it is ৰাজু মাজ būlū mej or (in South-East Tirhut মাজ মাজ আৰু maīl mej.
- 325. The पोरिच pārich or पोरिस pāris is a corruption of the English word "press," in which the boiled liquor is placed in cloth and the water pressed out. In Sāran डाबा dāl,ā and elsewhere चलना chalnā, are the perforated boards placed above and below the indigo in the press. The screw of the press is पैच pench. The square boss or nut on it is दिन्दी dhibrā. The मोर नो mornā is the spanner or apparatus for turning the screw. In South-East Tirhut it is also ममोर नो mamornā or पेचकस pechkas. The large wooden beam through which the screw passes is देशा the hā in Sāran, and elsewhere स्वीटा dabautā or दान dāb; when it is made of iron it is called in South Tirhut नौक bānk. The कुटका kurkā are small pieces of wood placed below and above the डाबा dātā or स्ल्ना chalnā.
- 326. The machine for cutting cakes is with phurma, and the wires with which they are cut  $\pi i t \bar{a}r$ .
- 327. The cakes of indigo are बोटी gotī, and they are dried in a drying-house, बोटी घर gotī ghar, on shelves, called in East Tirhut मचान् machān, and elsewhere चाली chālī.

- 328. The following are among the implements used in indigo agriculture:—
  - (1) The धर्म जरूरी dharm laggi, a wheel for measuring land each revolution of which covers one जारी laggi.
  - (2) The great kudar or greats kudars, a mattock for digging.
  - (3) The Et har or plough, which is of two kinds—
    - (a) বিভায়ধী bilāetī, or English plough.
    - (b) देसी desi or कडौर kathaur, the country plough.
  - (4) टॉइी tānri, the drill plough.
  - (5) कारा kantā or खाखीर्नी khakhornī the rake or harrow.
  - (6) खर पो khurpī, the spud for weeding.
  - (7) इाँसू hānsū or इँसुआ hansuā, the sickle for cutting the plant.

## CHAPTER IV .-- THE SPINNING-WHEEL.

- 329. The following diary shows the process of spinning thread and making cloth in the subdivision of Madhubani, in North-East Tirbut, in the year 1879—
  - On the 20th September the writer bought 24 sers of cotton, being a day's plucking on a sunny day from about a bigha and a half of cotton field. The otton atn bāngā (see § 1016 for the various names and varieties) was of the kind called ana 21 koktī, which ripens in the month of Bhādon (August-September). It was pulled out of the husk from the tree.
  - 20th—26th September.—During this time the cotton has been drying in the sun, and now (26th) two old women are employed to clean it, picking out the dirty and immature cotton, called at at karkut: This is principally composed of seeds which have come to nothing and been worm-eaten. This cleaning is done by hand. It lasted to the 30th September.
  - 1st October.—Commenced to separate the see is, देशीर bangaur from the बाँगा bangā. This is done by a machine called चा का charkhi, which consists of two rollers, about an inch thick, of hard wood tightly wedged one above the



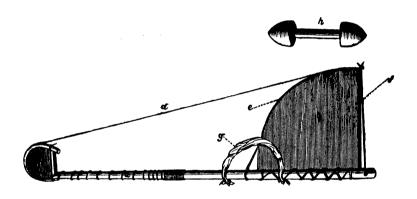
THE SPINNING-WHEEL (CHARKHA).

MACHINE FOR CLEANING RAW COTTON (CHARKI)

other; both rollers are supported in uprights, the ends passing through. At one end the lower roller is turned by a handle, and has at the other end, where it projects from the upright, a screw cut in it. The same end of the upper roller has a reversed screw cut in it, and these two screws fitting into each other act like cog-wheels; but when the lower roller is turned, the upper roller turns in the direction reverse to that of the lower one, so that they act as a pair of feeders tightly wedged together. The standard or uncleaned cotton is then applied to the feeding side of the two rollers, and on the handle being turned the cotton is pulled forcibly through by their revolution, while the seeds remain behind and fall down to the ground.

- 330. The two upright standards are called \( \vec{v} \) \( k \bar{u} n t \bar{a} \), and each of the rollers \( \vec{v} \) \( i \bar{a} t h \bar{t} \), or in Saran \( \vec{v} \) \( \ve
- 331. The पच रो pachrī are the wedges running sideways through each upright and tightening the two rollers together. The crank which turns the lower roller is called सक्रो makrī, and it is held to it by the किसी kulī or linch-pin. The handle at the other end of the crank, which is held in the hand, and by which the machine is turned, is called जागान lāgani, or in Saran चलान chalaunī and in Gaya ह्योरो hathaurī.
- 332. The base of the machine in which the uprights rest is called unt pērhā, or to the west untra pirhiyā, and out of this projects behind, along the ground, the unique majhwa, on which the foot of the operator is placed to keep the machine steady.
- 333. The cotton, when cleaned from the seeds by this machine, is called  $r\bar{u}$ ,  $r\bar{u}$ , or  $r\bar{u}$ ,  $t\bar{u}r$ ,—the last by women of the upper Hindu castes, and the two first by Musalmans and low-caste Hindus.  $r\bar{u}\bar{a}$  is used in Shahabad.
- 334. The above lasted three days. It was then again cleaned (त्नव tūnab, त्नव tūnnab, or (in Shahabad) त्मव tūm.b, to clean), the few remaining pieces of husk, &c., being picked out by hand.

- 21st October.—The cotton was to-day put out in the sun preparatory to being carded (খুল ৰ dhunab, to card).
- 22nd October.—To-day two cotton-carders (घ निया dhuniyā) came to card the cotton. Fach brought with him a machine, called a घ न की dhunkī, or to the west घ नहीं dhanuhī. In Gaya it is धुनेटी dhunethī, in South Munger and South-East Tirhut धुनेट dhunaith, and in South Bhagalpur धुनहर dhunhath.
- 335. It is composed of the following parts:



- (a) The flexible piece of wood cutting as a bow, called ভাটো dantī or ভাটো dantā to the east and ভাঁড়া dānrī to the west.
- (b) A board wooden board, called দাছো pharehā in North-East Tirhut. In South-West Tirhut it is দাইো pharautā, in South Bhagalpur দৰ্ভা pharuhā, and elsewhere as দুহো pharhā.
- (c) The bridge over which the string is passed, माँगो māngī. In Shahabad and also optionally in East Tirhut it is माधा māthā, in South Bhagalpur मध्ता mathwā, and in South Munger मग नासी māgwāsē.
- (d) A leather string, called বাব tānt. In Patna and Gaya it is also called বাহ্য rolā.
- (c) A leather strip acting as a sounding board, lying along the round edge of the দুইছা pharehā, on which the string rebounds, called দুইছে puckhet or ছিলা puckhetā generally,

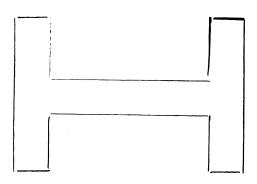


A Cotton-carder (Dhuniya) at Work

- पक्तीटा pachhauta in Tirhut, and काँकर kānkar in Saran and Champāran. In North-East Tirhut it is प्रशासिक pushdail, and an optional name in Shahabad is पुक्तीटा puchautā.
- (f) A stoot leather string along the outter side of the দুইছা pharehā, to one end of which the নাঁ ন tānt is attached, while the other end is fastened to the ভাটো dantī. It is used to tighten the নাঁ ন tānt, and is called ভিছে বা ghirchī or স্থানী ghurchī. When pages are used for tightening this, they are called ৰাহা bīrī or ৰিহিয়া biriyā.
- (g) The ছয় hathhar, ছয় মা hathgar, or ছয়কা hathkar,, is a loop of string under which the left hand is passed to hold the machine steady. The above is the name current in North-East Tirhut. South of the Ganges it is also called হয় কা hathkar, with variants হয় কা hathkar or ছয়কা hathkar in Shahabad. In North-West Tirhut it is ছয়বা hathrā, in South-West Tirhut and Saran হয়া hathā, and in Sāran and Champāran মুৱ নামা muthwārā.
- (h) The mallet for twanging the bow, of wood, shaped like a dumb-bell. It is held in the right hand, and the ताँत tānt is struck and twanged with it. It is called जिला jistā, and also (in Tirhut and South Bhagalpur) दिला distā. In Patna it is called दला dastā, and in South Munger दिला distā.
- 336. In using this instrument it is held by the left hand under the इथ कर hathkar, which passes over the wrist, and the ताँत tant twanged in the midst of the cotton by the जिला jistā, which is held in the right hand. This process loosens the texture of the cotton, and causes all the dust and dirt to fly out of it. The घुनकी dhunkā is not allowed to rest on the ground, but is supported in the air by the द्यकर hathkar passing over the wrist, and it springs up and down as the काँत tant is twanged.
- 337. The whole pile of cleaned cotton was called nice gothē. While this was going on, two old women were called in to make little hollow rolls of cotton to be made into thread. They are called to the east viel pēnē, and to the west viel peunē or vie ni pēwnē. A local name in East Tirhut is vie pēr. These are about four inches long and a quarter of an inch thick. A lump of clean cotton, the size of a walnut, is put round a thin skewer, called fue vie pinrhsari, and is then rolled on board, called fue viel pinrhiyā, with the palm of the hand. There are then tied up in bundles of about ten each, walled and mustice.

- 338. These पीनी pīnī are now ready for being made into thread in the spinning-wheel.
- 339. The spinning-wheel is বা ৰো charkhā, but in South-West Shahabad it is বহুৱা rahtā, and in the south-east ব্যা jarkhā.
  - 340. Its parts are as follows:-

The foundation.—This is in the shape of a double letter T: thus—



- 341. On one of the cross-pieces the driving-wheel stands, and on the other the spinning apparatus. This foundation is called पोड़ा pīrā or पिड़िया piriyā to the east, and पिड़ाई pirhāā to the west. The connecting har between the two cross-pieces is में मा वा manjhwā or माँका mānjhā, in latna and Gaya it is जात खोरा latkhorā, and in South Bhagalpur मन कार manjhāi.
- 342. The driving-wheel.—The supports of the driving-wheel are called to khūnta. The wheel itself is composed of two parts,—
  - (a) The central boss or nave, and
  - (b) The four spokes on each side of the nave.
- 343. The nave is called म इं mūnrī or मूड़ी mūrī south of the Ganges, and म इं munrī or म डिंग munrīyā north of it; in East Tirhut it is also तामा tāmā, and in South Bhagalpur and South Munger पेका pailā. It is about 5 inches long and 4 inches this k.
- 344. There are four spokes lying across each end of the nave from one circumference to the other; there are therefore eight radii on each side, and they are so arranged that the radii on each side are not opposite each other, but alternate. Each of these cross spokes is called মুনা putto or মুনা pūtō, or in South-West Shahabad কম া kamrō; sometimes they are also called ভাষা khūnta ভাষা khūntō.

345. These spokes are held in their places by a string, called অবাল awāl to the west, আবাল amwāl in Patna and Gaya, and আমাজ amāl or অমাজভ amālh to the east. In South Munger it is অমৃত্যে amhāl. This string goes round the extremities of each radius of each side alternately: thus—



It forms therefore a kind of edge or rim of a broad wheel, something like a paddle-wheel, and over it passes the driving-hand which turns the spinning apparatus. This paddle-wheel is about a foot in diamater and five inches thick.

- 346. The central axle of the driving-wheel is called जाउ /āth generally north of the Ganges and in South Bhagalpur. In Tirhut it is called जाउ jāth, and in North-East Tirhut also जाउ /āth or जाउउ jāth. South of the Ganges it is generally बेज ना belnā. It is caused to revolve by a crank end called मक्रो makrī, or in Shahabad and West Tirhut नाक nāk. It is दाड़ी dārī or दिख्या dariyā elsewhere south of the Ganges, except South Bhagalpur, where it is again मक्रो makrī. To this is attached a handle, called to the west and in Gaya जाना chalaunā, and to the east जरना larnā or जारनि lāranī. In South-West Shahabad it is called भौता bhauntī or भाँचत bhānwat, and in Sāran optionally जानी chalaunī.
- 347. The driving-band is called माल mal or मास्य mālha. It is rubbed with rosin (यूमन dhāma") and oil (तेल tel), and is then blackened with charcoal (कोएला kvelā). The driving-band goes twice round the driving-wheel and the spinning-axle, once passing through the मल काटी malkāthā (vide post), and once not.
- 348. The spining apparatus We now come to the spinning apparatus. There are three perpendicular uprights. The two outside ones are called ভাইন khūntī, and the middle one is called মাজ কাটা maikāthī. In Patna these three uprights are called together u ব্যৱসায় pachkathiyā, and in SouthWest Shahabad ভাইঘুলী khunthputtī. The two outside ones support the bearings of the spinning-axle, and the

centre one has in its length facing the driving-wheel and going right through its thickness, a long slot cut. One of the strings of the driving-band passes through this slot, and the other passes outside it so that the double turn round the spinning-axle can never get jammed up together, and so entangled.

- 349. On the two outside uprights, on the side furthest from the driving-wheel, project two stiff pieces of leather, called **THIG** chamrakh. These form the bearings of the spinning-axle, which passes through them.
- 350. The spinning axle.—This is called ugran takuā, and also to the west of the kuā. It is an iron skewer about 8 inches long and an eighth of an inch thick at the thickest part. It projects a distance of three inches beyond its bearing on the same side as the handle of the driving-wheel. This bearing has on each side two little pieces of wood fitting on to the spinning-axle, which act as washers, and are called the chluckehē. Outside the outer washer on the spinning-axle is a flat disc called the axle project beyond it.
- 351. The driving-band, after passing twice round the driving-wheel, passes through the मल काटो malkāthī, then twice round the spinning-axle, and then back to the driving-wheel outside the मल ाडेंगे malkāthī; and it is evident that even the slow turning of the driving-wheel will make the spinning axle revolve at a very high speed indeed
- 352 In spinning, the projecting point of the spinning-axle has a short length of thread attached to it, and then, while the handle of the driving-wheel is turned with the right hand, a roll of cotton (util pini) is held in the left hand between the finger and thumb, and the cotton, being quickly caught up by the length of thread, is drawn off in the shape of thread on to the quickly revolving spinning-axle.
- 353. When the projecting point of the spinning-axle is filled with thread, the whole is called a national kukrā, or in Saran national kukurā and is wound off on a winder, called utal partā or utal paretā. It is also called in South-West Tirhut action notwā, and in East Tirhut actional latwā or actional natwā. In South Bhagalpur it is called actionathar This is like an ordinary silk-winder. The handle (utal actional chalaunā) of the driving-wheel is taken out of its socket in the crank (utal makrā), and in its place is placed one end of the axle of the winder. The other end is held; in the right hand, and is revolved between the finger and thumb. The winder

is conical in shape, and does not need further description. It will hold half a quarter of a ser of thread at a time. When it is filled, the thread is taken off and tied in hanks. These are generally पोजा pola, पोजी poli, or पोजिया poliyā. Local names are नती nattī (North-East Tirhut), जती lattī (Patna and Gaya), and क्रां karchī in South-West Shahabad.

354. The diary breaks off here temporarily, as the spinning of this particular cotton was not done in the writer's presence. He wished the thread to be spun as fine as possible, and as this could only be done by Brāhmani women, who would not come to a strange house, this part of the work was done by them at home.

## CHAPTER V.-THE WEAVER'S LOOM.

- 355. The following is a continuation of the same diary.
  - 18th January 1880.—The skeins of fine thread were brought to me to-day, and were put in water to soak for eight days. This strengthens it.
  - 27th January.—After they had soaked this poriod I sent for a weaver. A Muhammadan weaver is जात हा jolha or मोमिन momin, and a Hindu weaver is तंत्वा tantwā or ताँतो tāntī. or, in Shahabad ताँतो tāntī. Sometimes the Hindi word जोताहा jolāhū is used instead of जोताहा jolhā.
- 356. The Musalman weaver or six zijolhā is the proverbial fool of Hindu stories and proverb. He swims in the moonlight across fields of flowering linseed, thinking the blue colour to be caused by water. He hears his family priest reading the Qurān, and bursts into tears to the gratification of the reader. When pressed to tell what part affected him most, he says it was not that, but the wagging beard of the old gentleman so much reminded him of a pet goat which had died. When forming one of a company of twelve he tries to count them, and finding himself missing wants to perform his own funeral obsequies. He finds the rear peg of a plough, and wants to set up farming on the strength of it. He gets into a boat at night, and forgets to pull up the anchor. After rowing till dawn he finds himself where he started, and concludes that the only explanation is

<sup>1 &</sup>quot;A madness from God came on the Herules [Heruli, a tribe of Huns], and, when they came to a field of flax, they took the blue flowers for water, spread out their arms to swim through, and were all slaughtered defencelessly". C. Kingsley, The Roman and the Teuton (1864), page 184. (Paulus Diacoras Lecture).

that his native village could not bear to lose him, and had followed him. If there are eight weavers and rine hukkas, they fight for the odd one. Once on a time a crow carried off to the roof of the house some bread which a weaver had given his child. Before giving the child any more he took the precaution of removing the ladder. Like the English fool, he always gets unmerited blows. For instance, he once went to see a ram fight and got butted himself, as the saying runs:—

करिग्रह् क्लाड् तमासः जाय नाइक् चोट् जोलाद्या खाय। Karigah ckhār tamāsā jāy, Nāhak chot jolāhā khāy.

- He left his loom to see the fun, and for no reason got a bruising.' Another story (told by Fallon) is, that being told by a soothsayer that it was written in his fate that his nose would be cut off with an axe, the weaver was incredulous, and taking up an axe kept flourishing it, saying यौं करवा त॰ गोड़ काटवों, यौं करवा त॰ हाध काटबाँ. और याँ करबा तब ना-, yon karbā ta gor kātbon, yon karbā ta hāth kātbon, aur yon karbā tab nā-, -if I do so I cut my leg, and if I do so I cut my hand; but unless I do so my no-, and his nose was off. A proverb जील हा जानिथ जी काट jolhā janathi jau kātai, — does a weaver know how to cut barley, --refers to a story (in Fallon) that a weaver, unable to pay his debt, was set to cut barley by his creditor, who thought to repay himself in this way. But instead of . reaping, the stupid fellow kept trying to untwist the tangled barley stems. Other proverbs at his expense are कौन्ना चनल बास की, जील हा चन्न वास वे kauā chalal bās ken, jolhā chalal ghās ken,— the weaver went out to cut grass (at sunset), when even the crows were going home; जोत हा सतिरेकाइ तौसी खेत jolhā bhutiailāh tīsī khet, —the weaver lost his way in the linseed-field, an allusion to the swimming exploit already recorded. His wife bears an equally bad character, as in the proverb बहुबलि जोलिहिनि बापक टाटी नीचे bahsali jola lini bāpak dārhī noche,— a wilful weaver's wife will pull her own father's beard.

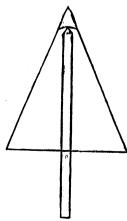
357. The weaver proceeded to set up in the ground seventeen pairs of sticks in two lines, at a distance between each pair of about one and a quarter cubits, and between the lines of about two cubits. At each end of each line a stout bamboo post is fixed, and close to each of

those at one end another smaller staff. Round these sticks the thread s twisted as follows.—



A, A, A, are the tops of the bamboo posts, and the dots are the tops of the smaller sticks.

- 358. This operation of setting the warp is called तानी कारब् tānī karab, or in Shahabad ताना कारब् tānā karab. The bamboo posts are called खुँटी khūntī, and each stick, सर् sar. These last are called in Sāran, Champāran, and North-West Tirhut सर्का sarkā.
- 359. The sticks immediately in front of the bamboo posts are called to the west इन्हा chhituā, in Shahabad इन्नि chhipkī, and to the east इन्हा chhituā, also in North-East Tirhut डोरोक सर dorīk sar. The whole apparatus is called तानी tānī, or in Shahabad ताना tānā, and the thread to be stretched is put on a kind of pyramidal reel called सर्वो charkhī. It spins on a spindle, called इम्नो dagnī, or in Shahabad दाँगी aāngī, and in the inside of the apex of the cone is a cup called योड़ी thorī, or in Shahabad योज री tholrī, in South Munger योड़िकी thorlī, and in South Bhagalpur टोई toī, which rests on, and revolves on the point of, the spindle: thus—



360. The spool is composed of 14 slips of bamboo, forming the framework of the cone, fastened at equal distances round the

circumference (चक्क र chakkar) of the base of the cone, and converging to a point at the top.

361. The spindle of the spool is held in the left hand, and the weaver walks up and down between the two lines of thread, directing the thread by a hook called a khūnrī or a khūnrī, or in South-West Shahabad sur khundā, in South Munger sur khundī, and in North-East Tirhut and Shababad sur khūnrā, and shaped as follows:--



The hook at the top is made of iron.

362. 5th February 1880.—The warp having now been all set upon the sticks (ৰহ sar), they were, with the ভুই khūntī, pulled up, rolled up, and put by till to-day. To-day they were unrolled and laid out in a long line on the grass. The ext khunti were then carefully drawn out, and a bamboo staff, called terre sirār (or सिरारि sirāri), put in the place of each. It will be remembered that the EU sar were in pairs, and that at each pair the thread crossed thus \_\_\_\_. Another kind of HT sar is now taken, made like a long show except that the string is made of a thin strip of This bow is called an a sutri, or in Tirhut ৰুহুৱা banhakā. The arch of the bow is also made of bamboo. The bamboo string is called sit dori. The arch of the bow is now passed through the threads where one of the old ex sar was, and the bamboo string through where the other sar of the pair was, so that the cross of the threads is still preserved. The bow and string are then fastened to each other at

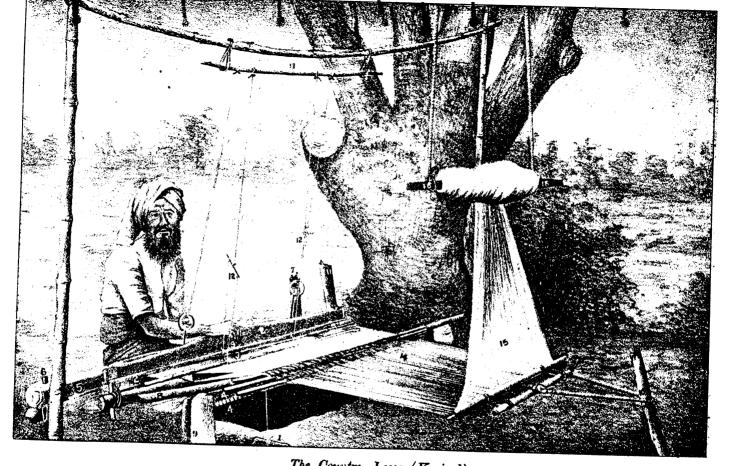
each end. The arches of the various bows all face one way. The warp is then laid out on the ground, and the threads neatly spread out upon the bows in parallel lines, to the width of the future piece of cloth:

362 A. 9th February.—The thread thus arranged was rolled up, dipped into, and well wet with cold rice-water (#15 mānr), to which some मुद्द आ maruā seeds had been added to stiffen it. It was then unrolled and stretched out horizontally at a height of three feet from the ground and brushed with a large brush, called क् च  $k\bar{u}nch$ , dipped in mustard oil and water, which smooths the threads and takes away any knots or inequalities in the thread. This brush is also called মল লা mainā in West Tirhut मांचा mānjā in! South Bhagalpur, मांचन mānjan in South-West Shahabad. The cross sticks on which the thread rests are called niest mānjhā and the cross bamboos at each end are दे वनी or thenghni or बाठी डोर lathi door to the west, गोडा gorā to the east, खस्या khasraiyā in North West Tirhut ਫ਼ਰਾ dhatthā also in North-Fast Tirhut ਫ਼ਰਾਂ dhantha in South Bhagalpur, and sist lathi also in South-East This brushing is hard work, and takes eight men to do it properly. The brushing is along the threads and not across them. The bristles of the brush are made of खम खम khashhas, called also in Saran कत्रा क जर katra ke jar, such as is used for tatties, and are about two and a half inches long. The brush itself is about a foot long and two inches wide. The brushing went on for three days, and is called uts att pāi karab, and also in East Tirhut तासन करव tāsan karāb. The phrase sit ut ai pai means the brushing and preparations, and there is a proverb, sits के छाइ पाइ, चमरा के वी हानू jolhā ke āi pāi chamrā ke bīhān,- when a weaver says the cloth will be soon ready, as he is now brushing it, don't believe him, any more than you believe a shoe-maker who says "the boots will be ready to-morrow".

363. When this was concluded, the threads were put into the loom and woven at the rate of a yard a day. The loom is little different

from that used in England. It is called atlas karigah to the west and at use kargah to the east. It consists of the following parts:—

- (1) The shuttle.— This is ढरको dharkī in Gaya and to the west and कपर विज्ञी kaparbinnī, or कपर विज्ञी kaparbinī, to the east. In North-Fast Tirhut it is called कपरनी kaparnī
- (2) The needle inside the shuttle, on which the thread in wound, is fast tire, and the tube which revolves on this क् की chhuchchi, or in Shahabad क को chhuchi. When thread is wound on this tube the whole is called नरी narī also in East Tirhut खरि larī. This is held in its place in the hollow of the shuttle by a pin made of a feather. This is called पदानरी pakhanarī to the west and in South-East Tirhut, विर् bir in South Bhagelpur, and पख विर pakhbir or पखे आरी pākhearī to the east. A weaver estimates his work by the number of  $\pi i$  nari which he uses up, as in the proverb in which he is supposed to address a man who has seized him to carry a load, दंग वह तः टाँगह निहँ त॰ नौ नरीक इरकति होएत् tungbah ta tangah nahin ta nau nurīk harkati hoet,—if you must load me, load me quickly, otherwise the time of nine shuttles will be wasted.
- (3) The wooden frame suspended from the roof, which after the shuttle passes is pulled forward by the weaver and drives the thread home. This is ছথা hathā or ছবো hathā in West Shahabad, Patna, and West Tirbut ক্ষেইড় kamhanr in the west generally, ক্ষেইড় kamhar in the north-west, and ক্ষেইড়া kamhandā, in Gaya In North-East Tirbut it is বাৰা tanā, and in South-East Tirbut বাৰা tānā. In South Bhagalpur it is বৰ্ষ tankar.
- (4) The comb of reeds or bamboo in this bar, which keeps the threads of the warp apart, is called tree rāckh.
- (5) The heddles, which alternately raise or depress the threads of the warp, are at bae or a bai.
- (6) The set of three reeds which is placed in front of the heddles to keep the two sets of the threads of the warp apart



The Country Loom (Kariyah).

- 1. Hatha.
  2. Rüchk (comb).
  3, 3. Bai (heādles).
  4, 4. Sar.

- 6. Chaupat (roller).6. Jibhela.
- 7. Bamwari. 8. Kharkhaut.

- 9. Kanaili.
- 10. Agela, 11. Dorbandha, 12, 12. Nachni (heddlo-levers),
- 13. Kar (upper beam)
  14. Päi (woof).
  15. Sirāra. 16. Tangni.

is अत्रावन atrāwan north of the Ganges, generally and in Shahabad, and तारावन tarāwan elsewhere south of the Ganges. Another set of three reeds also used is called मंज्नी bhanjnī in Champaran, North Tirhut, Gaya, and South Munger. and the two sets together are called in North-East Tirhut अत्रावन भाज atrawan bhānj. In Patna and the south-east the reeds are also called सर sar.

- (7) The elastic bow which keeps the woven cloth stretched in front of the weaver is usam pannik south of the Ganges north of the Ganges it is usam pannik, and also usanni in East Tirhut.
- (8) The wooden roller behind which the weaver sits, and on which the cloth is wound up as fast as it is made is in the north-west, in west Shahabad, and in, South Munger অম্ভ্ৰ lapetan,; elsewhere it is ভাষাৰ chaupat.
- (9) This is supported by posts called আঁহা khūntā,; also the right and left ones have different names, viz. the right-hand one, which passes through the roller and prevents it turning round, is ভাম লা jibhcla, everywhere, in North East Tirhut also ভিছুলা jibhclā, and in South-East Tirhut also ভিছুলা jihelā. In South Bhagalpur it is মালা ভূঁৱা galā khūntā. The left-hand one, against which the roller rests, is ভৃঁছলা banghelā north of the Ganges everywhere. Also, in East Tirhut, as also to the vest and Gaya, it is ভৃঁছলা bamwarī or ভৃত্যো bamwarīyā, in Shahabad it is also uছ লা pachhelā, and in South-West Tirhut ভৃঁছলা kandhelā. In South-East Tirhut it is also called ভ্ৰম লা bamaila. In South Bhagalpur it is simply खटा khuttā.
  - (10) The woof is supported at the end opposite the weaver by piece of wood called खर कोट kharkaut to the west and खर कोटो kharkautī to the east or खरकटो kharkūtī in South Bhagalpur, which is held up by pillars called कर्ने को kanailī to the north and west, खंटो khūntā in East Tirhut, ध्रम thūm in Patna. ध्रमी thumbhī in Gaya, and ध्रमा thumbhā in the east, and also खरको खंटो kharho khūntā in South Bhagalpur.

- (11) The woof is held tight by a string, which is fastened to its end and passes round a peg at the extreme end of the loom and back again up to the weaver, where it is fastened within his reach to another peg. He is thus able to slacken the woof as necessary. The first peg is called आ जा का के खंदा agela ke khūntā, or in Tirhut सर्कोनी के खंदी sarkaunī ke khūntā, ; the second peg is called डोरबन्या के खूँदा dorbandha ke khūntā, or in South Bhagalpur क निकस की kankillā.
- (12) The treadle, which the weaver moves with his foot, is ঘীঘাই pausānr, or ঘৌষাই posār generally, and in East Tirhut ঘষাই pasār. The knob on this, held between the weaver's toes, is ঘীনাৰ pautān.
- (13) The upper levers, to which the heddles are attached, are বৰ্ষ nachnī, generally. In East Tirhut they are জীম্ৰী lochnī, and in South Munger আম্ৰী lachnī.
- (14) These levers are fastened to an upper beam, which has various names, viz. অম হ abher, to the west, মিন্ম হা bhitbherā, in Saran and Champaran, ঘদানা dhachānā in South-West Tirhut, ঘদান dhachān, or অবাধী akāsī in North-East Tirhut, ভ্ৰম uparkar in South-East Tirhut, কৰেন karbār in Gaya, and কা kar in Patna and South Munger.
- 363. Th loose end of the woof (पाद pāi) is called सिरादा sirārā and it is wound up on a टॅंग्नी tangnī, which is hung up out of the way.

## CHAPTER V1.—THE SALTPETRE MANUFACTURER.

- 365. He is called नोनियाँ noniyān. The round vat in which he dissolves the saltpetre from the saline earth is नोटी kothī north of the Ganges, and south of it आह री ahrī. The mother liquid thus produced flows out through a drain called पनार panār in Tirhut and to the east, and पौनार paunār to the west; also in Saran मोहान mohān, and in South-West iShahabad पर नौहा parnauhā. It flows into an earthen vessel fixed in the ground, called नद्शा nadha, नाद nād, or नादा nādā also पर हा parchhā in Tirhut and towards the west, and नद्शा gaṛnī in South-East Tirhut.
- 366. The mother liquid is called to ras, or in South-West Shahabad unter agras. After the salpetre has been deposited, the

refuse liquid from which salt can be educed is called uহাই pachhārī, or in South-West Shahabad কাছা kāhī. In Sāran কাছা kāhī means the liquor from which salt is educed, and uহাই pachhārī the refuse which is thrown away.

- 367. Over the round vat are placed bamboo rafters, which are called কাই koraī to the west, কাই koro in North-East Tirhut, and ঘহৰহৰ patwatan in South-East Tirhut. These are supported on bricks in intā, and over them is spread straw, called হাল chhājā, হিছী chhitlī, or আন khar.
- 368. The mother liquor is boiled in a large iron pan called कराइ. karah, or (to the east) तीला taulā. When made of earth it is called कुरहा kundā, or in Sāran खोर khor. The fireplace is called च ज्या chūlhā. The pot for cooling the boiled liquid is इंडिया hanriyā, or to the east तीला taulā.
- 369. The iron curved spud by which the saline earth is scraped from the ground or wall is द्वापा khurpā, and the mattock for digging is कहुरा phahurā to the west कोदार kodār in Tirhut, and कुदारी kudārī in Sāran. The basket for carrying the saline earth is टोक्ड़ो tokṛī, and that for carrying the saltpetre क्टो chhaintī.

## 370. In South-West Shahabad-

- (a) जत्या सोरा jaruā sorā is saltpetre prepared by boiling;
- (b) द्यावी सोरा abī sorā is saltpetre prepared by evaporation by the sun's rays; and
- (c) कवमी सीरा kalmi sorā is refined saltpetre.

# CHAPTER VII.—A DISTILLERY OF COUNTRY-LIQUOR.

- 371. भट्टीहार bhatthdar or आब्कार abkar is a distiller. In Saran he is also called राँकी rānkī. कलाल kalāl is a Muhammadan who sells country-wine; कलवार kalwār is a Hindu who does this. कलाल kalāl and राँकी rānkī are caste names. When a man of another caste sells liquer, either on his own account or as a servant, he is called महोवान gaddīwān. भट्टी bhatthī is a distillery. कलाली kalālī or मही gaddī is a place where country-spirits are sold.
- 372. The still is called ਸਟ੍ਰੀ bhatthī, and consists of the following parts:—
  - (1) हेन deg or हेन deg, the boiler.—This has a baked earthen cover called अध्वाद adhkār, or in Sāran अध वर adhkar,

- (2) Over this is inverted a wide-mouthed globular copper vessel; this is called athle tāmmī, or in Sāran afhat tamiyā. It serves as a condensing-vessel. The spirit rises into it, and over its outside surface runs continually a supply of cold water.
- (3) The water reservoir is বাহ nād. The water flows from this through a pipe called **पौनस्त** paunallī, or in South Bhagalpur **पन**াকী pannālī, and in Sāran also টোনা dhonga, on to the top of the condensing-vessel.
- (4) The spirit thus condensed flows out through a pipe called 
  মঘ নহা madhnarī.
- (5) The spirit is collected in an earthen jar called zin tānk or #द्वा matukā, and in this it is carried to the place of sale.
- (6) The refuse left in the boiler is হয় ras; also, in Gaya,
  ৰক্ষা baksā, and in South Bhagalpur also মীহা gorā.
- (7) **ৰাখন** sājan or **ছাৰন** chhāban is water used for diluting spirit, so as to increase the quantity for sale.
- (৪) The liquid for distillation is made as follows. Liquid
  (মে ras) and sweet preparation (মারা mīthā) are mixed
  and buried in the ground. This mixture is called
  ক্ষীতা kasaunjī. When it is ripe মন্ত্রা mahuā is
  poured into it. This act of mixing is called ম্বো
  bhartī. When the mixture is sufficiently fermented
  for distillation it is called ৰামাহ bojhāi. The constituents
  of the মে ras and of the মারা mīthā vary, and are not
  detailed here.
- (9) Earthen cups for drinking country-spirit are বুকাৰ chuhkar মুৰ্কী gurkī, or ঘিতী আ pitauā.
- (10) Fots for keeping the spiritin the shop are called माट māt कीरेना korenā, or in Shahabad कीरेना kaurenā and बदयाम् baiyām. In Sāran another name is करावा karābā.
- 373. Ordinary weak country-spirit is होकानो dokānī, and also in Sāran खिंचा khasiyā; the next strongest (when made of गूर gūr only) is कन्दी kandī or when made of other materials) होनारा dobārā; the next strongest is खेंगी saumphī,\* or in South-East Tirhut सेनारा sebārā; and the strongest of all, महरहार mahardār.

<sup>&</sup>quot;It means " mode of Saunf "

#### SUBDIVISION VIII:

# APPLIANCES USED BY MISCELLANEOUS VILLAGE TRADERS AND PROFESSIONALS.

## CHAPTER I.—THE PALM-JUICE SELLER.

- 374. The palm-juice seller is until pasi.
- 375. In climbing up the palm-tree he uses a heel-rope, which ties his feet close together. At the same time he has a stout rope passing round the tree and his body. He leans back against this rope, and presses the soles of his feet, thus tied together, against the tree. He then climbs up the tree by a series of hitches or jerks of his back and his feet alternately. The heel-rope is called मकरो makri, or to the west पक्कि pakusi. In Shahabad it is uatel paksi, and in Tirhut and Patna फेरिया phandiyā. The body-rope is generally इंड्रांच danrwāns. In the east it is also the rassā, and in South Munger बार ता bārtā.
- 376. The longish earthen pot in which the juice is collected is called जव नो labnī, or to the east उद्दा urharh. Round its neck is tied string, called to the west आ रव न arwan and to the east फानी phannī or फानकी phankī, or in South-East Tirhut रीना raunā. This string is hooked on to a hook, आ जारा ankurā, or in Sāran आ जारा ankurhā, in Shahabad आ जारी ankusī, and in South Bhagalpur आ जारा ankorā, which is tied to the man's waist by a rope, देवार lewār, or in Sāran इंद्राख danrkas, in Champāran डाइन dānrā, and in South Bhagalpur पेटा र petār.
- 377. The sickle used for cutting the palm-tree is इंसुली hansulī to the west and इंसुला hansuā to the east. It is sharpened on a piece of wood called जीटा lauthā, and also, to the east सींटा sontā, or बलुखड baluath in South Bhagalpur and जेंद्रा balethā in South Munger.
- 378. A इपोना hathaunā or तर्कट टो tarkattī, or in Sāran ल बना labnā is a large longish earthen pot for holding toddy (ताड़ी tārī). In South Bhagalpur तौचा taulā or कुण्डा kundā is an ordinary vessel for holding it. नापा nāpā or in Sāran नप् हो naphī, is a small earthen pot used for measuring it, and जो रवा jorwā, वरस्था barariyā, and गोच्या golwān are in South Bhagalpur earthen vessels in which toddy is sold.
- 379. A toddy palm-tree is লাহ or লাছ \* tar, and the juice is লাহী or লাছ tarē. There are two kinds of this tree—the female one, which bears fruit and is called দল লাহ phaltar, or in South Bhagalpur দলা phalla, and the male one, which produces hairy flowers and is

\*Cf. Sanskrit ताल (tāla) palm.

called बच तार baltār or पुलतार phultār, or in North-East Tirhut पुल्हों phuldo, and in Sāran बिल्हा ba'ihā. A खंगरा khangrā, खारा khagrā, or खारी khagrī is young palm-tree. A सीही korhi (North-East Tirhut) or a विद्या bahirā (South-East Tirhut), बाँमो सिस्वा bānjhī siswa or अवाउ anāthu (South-West Tirhut), is a palm-tree which does not produce juice; a बसन्ती basantī is a tree which produces juice in spring, and जेड आ jethuā, or in Sāran साल sāl, one which does so in summer, while चोद् ghaud is one which does so all the year round. In the east चौर ghaur is a tree which produces juice in the rainy season.

380. To cut a palm-tree for the juice is द्विव a chnewab.

#### CHAPTER II.—THE BIRD-CATCHER.

- 381. The bird-catcher or मिर्सिकार mirsikār, or in Shahabad बहुर्सिया baheliyā, uses a number of नज nal or नर nar, which are long shafts of bamboo tied together like a fishing rod, of which the top one is called बस्पा kampā, or in South Bhagalpur खोचा khonchā. On this last is applied bird-lime (जासा lāsā), and the bird-catcher cautiously approaches the bird, concealing himself behind a टही tattī or screen of leaves and branches. When the bird is within distance it is struck with the limed कस्पा kampā, and thus caught. The चौंगा chongā is the bamboo tube for keeping the bird-lime.
- 382. The फाँद phānd or फाँदा phāndā and चौगोड़ा chaugorā are two kinds of nooses. बटियारो batiyārī is a net used in the day-time, and चातर chātar, one used at night for catching birds.

## CHAPTER III.—THE BARBER.

383. The barber is इनाम hajām, टाज़र thākur, नाइ nāī, नाड nāu or नोखा nauā. In North-East Tirhut he is also नहींर neherī, and in Sāran sometimes ओस्ता ostā. He has his लोख र lokhar or किस मत kīsmat, किस बत kisbat, or किसबर kisbad, which is his instrument-bag. Also he has a समीटा chamautā or समीटो chamautī, or piece of thick leather used as a strop, a मोचना mochnā or tweezers, and a ह रा chhūra or अस्त रा astūrā, or to the east खूर khūr, or razor. His nail-parers are नह रनी naharnī, but in Champāran they are नहरून nahran, and जहरूनी laharnī in East

Tirhut. His whetstone is सिक्षा sillā or सिक्षी sillā. केची kainchā is his seissors, कटोरी katorā his brass cup for water, दर् पन् darpan his looking-glass, and जङ्गी lungā the cloth which he spreads in front of the person he is shaving, and on which the hairs fall.

#### CHAPTER IV.—THE COUNTRY SURGEON.

- 384. The country surgeon is জ্যোছ jarrāh, লয়ছ jarāh, or হল্ম, hajām.
- 385. Among his instruments are অনুহা jamurā, a tooth-extractor বামা chobhā or ব্যৱহাৰ, a lancet for the arm, and তৰ্কা thunkā, lancet for the head.
- 386. For circumcision (মূলন sunat or জ নৰা khatna) he has জন্দী jantrī, ঘাৰী ghorī, or in South Bhagalpur ঘু হা chūntā which are nippers of bamboo and ৰনাহ salāi, which is a bamboo needle for holding up the foreskin.

#### CHAPTER V.—THE FARRIER.

- 387. The farrier or ৰাজ ৰাজ nāl band has the following appliances:—
- 388. A मेखारी mekhārī or किंच बत kisbat, which is the bag in which his tools are carried, a द्वा chhūrī or curved knife, a सुम्तराच sumtarās or large curved knife, a जम्म मृत्राच sumtarās or large curved knife, a जम्म मृत्राच jambūr or pincers, a रेत ret or file, a वज् का balkhā or मार्तीज mārtaul or small but long hammer, a राजाजी doālī, or in South Bhagalpur वज् का balkhā, which is a leather for holding up the horse's hoof, a पुज्ञमाज pujmāl or hair string for tying the ear of a refractory horse, a दलका halkhā or iron ring, and a समजदी sumkattī or chisel for cutting the horse's hoof.

#### CHAPTER VI.-THE WASHERMAN.

389. The দ্বাৰী dhobī or washerman uses a মহ স্থা pathā or pāt, which is the washing-board, of which the support is in Shahabad ই সুআ thaihuā or নৰ্নত newnath. In South-West Tirhut it is

called चौकी chaukī, and, when made of stone प्रयक्त pathal. His iron is इस्तिशे istirī or (in North-East Tirhut) .सिस्तिशे mistirī. His ironing cloth is बेटन bethan and his strach इस्त्रप् kalap or क्रम kalaph.

- 390. When the article to be washed is too heavy for him to lift up and dash upon the washing-board, he beasts it with a mallet, called रंगरा mungrā or मंगरी mungrā, or (in Sāran) डॉसन् dânsan, (in North-East Tirhut) घोटा sontā, and in South-East Tirhut जाटी lāthī. In South-West Shahabad it is called कह का kathka, and in South Bhagalpur घोष डॉग dhobdāng. The clothes-line or drying-frame is तनाव tanāw His bundle of clothes is बक्का bakuchā.
- 391. The act of beating the clothes is कुन्दी kundī, and to beat the clothes is पोटब pītab, or घोएल dhoël north of the Ganges, विक्रब bichharab (in Patna), विक्रब nichharab (in Gaya), विखारल nikhāral (in Shahabad), खाँचब khīnchab (in South Bhagalpur), and क्राँटब chhāñtab or पाँचब phīnchab (in South Munger and Shahabad).
- 392. South of the Ganges clothes which are well washed are निमाड़ nimār or in South Bhagalpur गोवर सार goburjhār. In Chāmparan they are निसार nikhār. The half-washing given to new clothes is खम बो khāmso, or in South Bhagalpur खामचो khāmso. In Gaya the washing of a cloth after it has had patterns printed on it is विद्या को bichharnī.
- 393. The honesty of the washerman and his tenderness for the clothes committed to his care are not considered of much account in Bihar and there are numerous proverbs coined at his expense, e.g. धोबो पर धोबो बसे, तब कपड़ा पर साबुन पड़ dhobi pard hobi base,tab kaprā par sābun pare no soap ever touches clothes unless many wahermen live together (when owing to competition they wash well). Again, धोविक, बाप केर किछ बहिं फाउ dhobik bap ker kichhu nahiñ phat,-nothing belonging to a washerman's fathers is ever torn by him (i.e. those are the only clothes about which he is careful). It is also a wise precaution, which according to-Bihār ideas should universally be adopted, to disbelieve a washerman when he says the clothes are 'nearly' ready. A washerman's donkey is a bye-word, as in the provorb गदहा केन दोसर गोसेंगां घोषियां. के न होसर परोद्दन, gadhā ken na dosar gosainyān, dhobiyā ken na dosar parohan -an ass has only one master (a washerman), and the washerman has only one steed (a donkey). Again घोबो नास दर्जी, ई तीनू अल्यारकी dhobi nāŭ, darjī i tīnū algarjī,—there are three careless peorle, the washerman. the barber, and the tailor.

#### SUBDIVISION IX.

# TOOLS AND APPLIANCES USED BY COUNTRY ARTI-ZANS.

#### CHAPTER I.—THE CARPENTER AND TURNER.

- 394. The carpenter is बड़ही baṛhī, or in East Bihār optionally क्यार kamār. In South Bhagalpur he is also called महें या maṛaiyā. His workshop is क्रमर सायर kamarsāyar or वहृष्ट्री खाना baṛhī khānā. A proverb about him is है ब्रिक्त ग्राम् करेता ह जनिका रखान न बमुला ī buribak gām kamaitāh, janika rukhān na basūlū,—this fool (of a carpenter) would serve the village when he has neither chisel nor adze; said of one who undertakes to do a thing without possessing the means. He uses the following tools:—
- 395. The adze.—বৰুলা basūlā or, especially in South and West Bihar and South Bhagalpur, বস্তুলা basulā. In South Munger it is alwailā. A similar tool is হন্ধা tāngā, হাঁনা tāngā, হাঁনা tāngā tāngā
- 396. The large saw.— আহা āra, and south of the Ganges also আহা arrā. The small saw.—আহী ārī.
- 397. The large hammer—इथोरा hathaurā, or in South Bhagalpur विश्वाद lihāwar. The small hammer.—इथोरो hathaurī, मारतीन mārtaul, and in West Tirhut and south of the Ganges also चन ghan. In South Bhagalpur it is called मरिया mariyā.
- 398. The बर्मा barmā or बर्मो barmān is a revolving awl or drill, worked with a bow and string, and used as a gimlet or centre-bit. The bow used with it is कमानी kamānī, or in South-West Shahabad कमानक kamānak. The handle round which the string goes is गुल्फी gulphī or गुक्की gullī. In South and East Tirhut, the word is कुलफो kulphī. In Gaya it is मूड mūth. The cap at the top, on which the palm of the hand rests to press the awl, is टोपी topī, पेला pailā, इवनी dabnī, or इवीडा dabautā. The awl itself is बर्मा barmā or बर्मो barmān. The string is north of the Ganges दोजाली doālī, and south of it डोरी dorī or जोती jotī, or in South-West Shahabad जेंबर jemwar.

## 399. The following are various kinds of chisels:

- (a) The কাৰাক্ kachchak north of the Ganges, and the ৰহাইী
  batārī or ৰহাজী batālī south of the Ganges, is broad
  at the base and narrow at the point. In South
  Bhagalpur it is called কাৰ্যাক kajjak.
- (b) The रक्त ramba is a long chisel for making mortice holes.
- (c) The चौरसा chaurasā is broad and straight; another name in Gaya and Shahabad is बतासी batāsī.
- (d) The ব্ৰান্ rukhān or ব্ৰানী rukhānī is like the kachchak, but is larger and thicker, and is used for coarse work. It is also generic term for all chisels.
- (e) A small chisel with a rounded edge for making lines on wood is north of the Ganges মালক ৰুক্ৰ ছোৰ golak buruj khāb. South of the Garges and in Saran it is বিষয়ে girdā or মাইবাহ কোৰে gordār randā. In South Bhagalpur it is also ছৌলিয়া kholiyā.
- 400. Gouges are गोलक golak, गोलख golakh (Gaya), गोना रखानो gola rukhānī, or गोर्टार् रखानो gordār rukhānī; other names are गोन् gauch (South West Tirhut) and गिर्भिट girmīt (? gimlet), North-West Tirhut. A large gouge for heavy work, such as hollowing out rice mortars, is बाँक रखानो bānk rukhānī. A square gouge is क्चक्रसानो kachchak rukhanī.
- 401. The common plane is द्वा randa, of which the blade is पत्ती phalli, or in Shahabad पर्चा phalsā, and the body कुद्धा kundā. The wedge for holding the blade has various names, viz, north of the Ganges खंदी khūntī, ठेकी thekī or चेली chai/ī. South of the Ganges it is in Shahabad खंटी khūti or उपी thepī, and to the east पची pachchī पच्छी pachṛī, or पचड़ pachchar. When the blade has a coarse edge for rough work, it is भर्गा रन्दा jharna randā; also दाँत् रन्दा dānt randā in South-West Shahabad. A plane with a fine blade is साफी रन्दा इकिhī randā. The द्राच darāj is a narrow plane for squaring the edges of boards.

# 402. Grooving-planes.—There are—

- (a) The plane for cutting square grooves.— ৰুক্জ ৰোৰ buruj khāb, or (South of the Ganges) ৰুক্জ (or সুকুজ) ভাগে buruj (or guruj) khāp.
- (b) The মজ বা galta is for cutting round grooves. In West Bihār and South Munger it is also called বিহুৰী khirchī or জ্বিবা khiltī.



TURNER (KHARĀDI) AT WORK.

- 403 The following are files:
  - (a) ইনী retī is the common file.
  - (b) The file for sharpening saws is generally কন্য katra. Local names are কন্য katrai in North-West Tirhut, কন্যায় katrohā in East Tirhut, বিদ্ধা tephal in Gaya and Shahabad, বিদ্ধা tephallā in Saran, and ক্ৰামা kanāsī in West Shahabad.
  - (c) सीहन् sohan, or in East Tirhut सोहेन् sohen, is a coarse rasp.
  - (d) The चीर सा chorsā, or to the west चौर सा chaursā, is a broad file.
  - (e) The निम्तिविद् nimgirid is a half-round polishing file. In South Bhagalpur it is मैतिश maigirē.
  - (f) The चौरस रेति chauras reti, or in South Bhagalpur चौपहल रेती chaupahal reti, is a square file.
- 404. The square, or gnomon, is बटाम batām, गुनियां guniyān, or चलता बटाम chalta batām. The compasses are पर्काल parkāl. A blunt point for drawing lines is खत क्स khatkas, or in South Bhagalpur कोर्म त korsāt. Sand-paper is सरेस कन्ना sares kannā, सरेस कागाज sares kāgaj, or सरेस पत्ता sares pattā. In South Bhagalpur it is काफी sāphī. The pincers for drawing nails are जन्द्रा jamhūrā जम्रा jamūra or सङ्सो sanṛsā. Glue is सरेस sares. प्रस्त patthal, पथल pathal, or सिंक sil, is the grindstone. The block on which the man works is उत्ति thīha, उत्ता theha, or in South Bhagalpur दिया thiyā, दिसा thihā, or पर्क तो parkattho. In Gaya and Champaran it is called परियादा pariyāthā.
- 405. The English auger is also used, and is called अव गर् awgar, or in Tirhut गिर्मिट girmit (? = gimlet).
- 406. A lathe is खराइ kharād, and the man who works it is ख्राही kharādi, a turner.

## CHAPTER II.—THE BLACKSMITH.

407. The blacksmith is जो द्वार lohār generally, and in South-East Tirhut he is also टाजुर thākur or कमार kamār. His smithy is कमर्च यर kamarsāyar. In Saran it is also जो इ यारो lohsārī, and in South Bhagalpur it is कमर्यारो kamarsārī or महो maraī.

- 408. His anvil is বিশ্বাহ nihāi or বিশ্বাহ nehāi; but in South East Tirhut it is অভাহ lahāi, and in South Bhagalpur বিভাহ lihāi. This is fixed in a block called ত ভা thehā north of the Ganges, তীছা thihā in Shahabad, and in South Bhagalpur তিয়া thiyā, মাত্ত parkath, or মাজ্যান gariyās. In Patna and South Munger it is ঘটো parethā or মাজ্যান parhatthā, and in Gaya ঘটিয়াতা pariyāthā. In South-West Shahahad it is আলোৱা ānkuth. A well-known proverb about an anvil is মুলা মাত কিছাহক হাঁহা sunna chot nehāīk mānthā,—if the anvil has nothing on it, the bellow falls on its head.
- 409. The चन्मचो chanmudhā is the swage block or perforated anvil on which iron is placed when being pierced with holes, and बोरी bīrī or बोर bīr (east generally, Patna, and Gaya) or इसा hannā (South Bhagalpur) is the round block of iron placed on this, also pierced with a hole. This latter is also used for making heads of nails, and another name for it is चप्रावन chaprāwan, चप्रोना chapraunā, or चप्रोनो chapraunī.
- 410. The large hammer for weilding is चन ghan; smaller than this is the हथौर hathaur or हथौरा hathaura; and smaller still the हथौरो hathaurā or मरिया mariyā.
- 411. The जम्हा jamhūrā or जम्दा jamūrā is a pair of pincers or tongs round at the tips; other names are महुजा gahuā (Champāran, West Tirhut, and Patna), रंड् सो sanrsī (Shahabad and South Bhagalpur), and वंगुरी bangurī (South West Shahabad). Everywhere संड् सो sanrsī is used for a pincer adapted for taking a hot piece of iron out of the fire, tightening nuts, &c. To the west the समहो sugahī is a pair of horn or wooden pincers.
- 412. The iron poker for stirring the fire is north of the Ganges आं आड़ा ankurā; in Gaya and Shahabal it is आं आरा ankurā or आं आरी ankurī; and in South Bhagalpur आंकोरा ankorā or आंकड़ा onkrā. North of the Ganges, to the west, it is also आज तारा kultārā; while in Patna, Gaya, and South Munger it is कीज टारा koltārā.
- 413. The cold chisel is छ्नी chhenī, and the chisel for making holes in iron is टोपन topan, with a variant टोपना topnā in Patna and Gaya; another name is समा sumbhā south of the Ganges or सम्मा summa or सम्मी summī north of the Ganges.
- 414. The fixed bellows is মাখা bhāthī, and also (south of the Ganges) মাখা bhānthī. The hand-bellows is হৃহতা duhanthī when worked with both hands, ত্ৰুছতা ekhanthī when worked with one hand,

and सुपीन्त्रा supauā in South-West Shahabad. In the south-east it is also कट भाँची kathbhanthi. The end of the bellows pipe which goes into the fice is मड़ा mūṛā, मड़ी mūṛī, or माइया muṛiyā. In Saran it is अंतुड़ा ankuṛā; in South Bhagalpur, मही mūrhī or सालक salak; in Patna मोह्या mohkhā; and in South Munger, मोख हो mokhrī. The pipe itself is फं. क. phūnk; also north of the Ganges and to the west क्रं की chhunchhī or ze zet chhuchchī; and in Patna, Gaya, Saran, and East Tirhut चो गा changā, or in South Tirhut चो गो chongā. The clay pipe over this is आरन aran or अरनी arni, or in South-East Tirhut आर् ar. In East Tirhut it is also माटइम् matiham, and in South-East Tirhut मेटम metum. The wooden sides of the bellows are तख ता takhtā; also in Patna, Gaya, and South-West Shahabad पटरा patrā. The leather sides are चमडा chamṛā ; also चाम chām (optionally south of the Ganges) and खाल khāl in Champaran, Patna, and Gaya. The valve is ust pankhā or usi pankhī also (in Patna) viest pankhrī. In South-East Tirhut and Champaran it is nel gaddi. The pivot on which the pair of bellows works is काँडा konra north of the Ganges; also in North-West Tirhut सर सा sursā. South of the Ganges, to the west, it is भूते dhūrī, and म् भारा ankurā to the east and also in Shahabad and Champāran. pillars which support it are than bha north of the Ganges and to khuntā south of the Ganges and in South-East Tirhut. The upper iron bar is as st barenrā or as a barenrī north of the Ganges, and ator barethā in Patna and Gaya. In Shahabad it is वे ड्या benriyā, in South Bhagalpur sui dandā, and in South-East Tirhut sui dantā. lever which works the bellows is a quechtip in the North Gangetic tract, and also डाटा danta in Tirhut; south of the Ganges it is जाट lāth or जाउ। lāthā, and in South-West Shahabad इन्हा dandā. In South-West Shahabad a small bellows worked by both hands is मंड्रा आंधी manraruā bhānthā. A well-known saying about the bellows is तुलसी आह गरीव के हिर से सहल न जाय, मुखना चाम का पूर्व स लोह असम हो जाय tulsi āh garīb ke hari sen sahal na jāy, mualā chām kā phūnk sen loh bhasam ho jāy,-O Tulsi! God cannot withstand the sigh of a poor man: the blowing of dead leather (in a bellows) reduces iron to ashes.

415. The बासा birma is a revolving awl or drill worked with a bow, कमानी kamānī, with a leather string, तस्मा tasmā. Sometimes a string is used instead of a bow, and this is called दी बाला doālī or जाता jotī, or in South-West Shahabad ज्वर jemwar. The iron spike of the awl is north of the Ganges दाही dandī to the west and प्रसी phallī to the east. South of the Ganges we have दांच dāns in Shahabad, दाहो dantī in Patna and Gaya, and प्रसी dandī again in the south-east.

- 416. The fixed vice is बाँक bānk or (in South Bhagalpur and South Munger) वेस bais (?=vice), and the hand-vice is इथ् कल hath-kal or (in Patna and Gaya) इर्ग् कल hānthkal. The two sides of the vice which grasp the iron are पक्षा pıllā; the screw is म परा musrā, or in North West Tirhut क्वला kablā; and the socket for the screw to work in is इ ज्ले chhuchhī, except in Shahabad, where it is चाँगा chongā. The handle for turning the screw is north of the Ganges मस्या musrā or चलीने chalaunī. The latter name is also current in Shahabad, where in the south-west of the district we also have इथ्करा hathkarā or उखा dandā. In South Bhagalpur it is इर्ज़ hātul or इत्या hathkā, and elsewhere it is इथ्रा hathrā. The spring is क्यानी kamāni.
- 417. The tap and die for making screws is north of the Ganges बॉट्या bāndiyā or बहीया badīyā; the latter is the usual form in North-East Tirhut. South of the Ganges, in Gaya and Shahıbad, it is बिह्या badiyā, and elsewhere बिध्या badhiyā. In South Bhagalpur it is also called धाइ dāi (die). Of this the female screw is ज़दका kutkā, the tightenning screw चुट्को chutkī, and the nut-maker पेच्कस pechkus. दिन्शो dhibrī, or in Sāran कान्का kabla, is the nut of a screw.
- 418. The common files are रेता retī, and the round files गोलक् golak or गोलख golakh, and in South Bhagalpur गोल रेती gol retī. The half-round file is निम्गीरिट nimgīrid, and the triangular file in Sāran तिन्मक्षा tinphallā, in Champāran तिर्माल tirphāl, in Shahabad निर्म्हल tirpahal, in Tichut तेम् ल tephal, in Gaya तेम्हल tepahal, and elsewhere तिन्महल tinpahal or तिर्महला tirpahlā.
- 419. The compasses are पर्काल parkāl or कम्पास kampās. The mould is साँचा sānchā, and the vessel for cooling hot iron पनिहारा pani. hārā in Champāran, West Tirhut, and Gaya; पनिहारा panihandā or पन्हारा panhandā in Shahabad and South-East Tirhut; चाहा chāhā (also in South Munger), जवेरी laberī, जावर lābar, or जवेर laber also in South-East Tirhut; नवेर naber or नमेर् namer in North-East Tirhut; and नवेरी naberī in Tirhut generally. In South Bhagalpur it is पन्चाहा panchāhā.

## CHAPTER III.-THE MASON OR BRICKLAYER.

- 420. The mason is called राज rāj, also राज मिस्त्री rāj mistirī north of the Ganges, राज मज्र rāj majūr in South Bhag dpur and South Munger. In Sāran and Champāran he is also चवह thawai.
- 421. He uses the agai to w.ī, which is a pointed hammer for cutting bricks. In Shahabad any tork is an iron hammer for breaking stones

- 422. His trowels are (1) कर् नी karnī, the largest, for mixing mortar; (2) मं भोजा manjholā or (in South-West Shahabad) अध्जा adhlā, a smaller one; and नच्चा nahlā, or in Tirhut and the west कलम् kalam or कलमो kalmī, the smallest one, for polishing the surface of the mortar.
- 423. Mortur is संवाजा masālā or (in North-East Tirhut) गच् gach when made of brickdust and lime; when made of mud it is गिलावा gilāwā, also गर्री garrā (Patna, Champāran, and North-East Tirhut) गारा gārā (Saran and the east), बाहो kādo (South-West Tirhut), and खेड leë (South-West Shahabad).
- 424. The wooden beater for consolidating and smoothing plaster is मुंग्री mungri or यापी thāpi. The रोख rol or रोख raul (South Munger, Patna, Saran, and Tirhut) is a long stick for smoothing the plaster. Other names are पहरा pahtā or पाटा pātā, पैटा paitā, पेट्टा paihtā (South Munger), and परमा pharmā in Gaya. In Shahabad and South Bhagalpur चिर्ना chīrnā is a slip of wood used for the same purpose. The scoop for making moulding is north of the Ganges and to the east generally गोजानच golākas, and also to the east गोजा golā. Elsewhere south of the Ganges and in Champaran it is खर चने khurchunī.
- 425. The plumb is साम् इंग्रंगियी. The string is मृत sūt, and in Champāran and South-East Tirhut also होरी dorī; and the small piece of wood fixed on the string are केंद्रा kenrā or केंद्रा kainrā in Tirhut, Shahabad, Patna, and Gaya, पत्तो pottī in Sāran and Champāran, फिट-किसी phitkirā also in Champāran, East Tirhut, and South Munger, फिरकी phirkā in South-West Shahabad, and फेट किना phetkinā in South Bhagalpur.
- 426. The square is गोनिया goniyā, गुनिया guniyā or गुनिया guniyān to the west, also सीधनी sādhnī in Patna, Gaya and north of the Ganges generally, and रिवस rabil in South-East Tirhut and North Bhagalpur. To the west and in Gaya it is also बटाम batām.
- 427. The maul-stick is मिस्तर mister in Patna, the North-West and South Tirhut. In Tirhut, Gaya, and the west, it is निस्तर nistar. In South Bhagalpur it is चोष chāp.
- 428. The whitewashing brush is क्यारिक kūnchi; in South Munger it is also भार नी jharnī.
- 429. The ladder is बोढ़ी sīrhī, and the scaffolding माँच mānch or मान machān to the north of the Ganges. South of the Ganges the latter is घाढ़ pārh generally, or पाउ pāth in Shahabad. In Champaran, Patna, and Gaya it is also पाचा chālī.

- 430. The तगार or तगाइ tagār (also तगाइ।) tagārī in Tirhut is the pot in which the mortar is mixed. The mortar-pot is नाइ nād or नाँइ nānd. The mortar-trough when made of clay is हाँड़ी hānri, also को हा kohā in East Tirhut, and optionally अथरा athrā south of the Ganges. In South Bhagalpur it is also का दि harhāī. When made of wood it is कउ रा kathrā or कडीती kathauti.
- 431. The bricks are ground into powder ( gt a) surkhi) by a crusher, द की dhenki or in Champaran) जाउ lath. Of this the pestle is म् सर् mūsar cr म् स्रा musrā, or (in South-East Tirhut) समाउ श्वकंबेरी. The piece of wood on which the bricks are sometimes crushed is specified okhrā north of the Ganges; south of the Ganges it is আৰু লা okhlā in Gava, उत्त वा ukhlī in South Munger, सिर्गि bhuriyān in Patna, and कां इयो kanrıyā elsewhere. It is supported by pillars, which are ख्टा khūntā or खुटरा khuttā in East Tirhut and south of the Ganges. In the latter tract they are also called खमा khambhā. In West Tirhut and Saran and Champaran they are sign janghā or with khāmā. The axle on which it works is called अखीता akhautā in Patna and Saran. उखीता ukhautā in Gaya, and also अखेला akhailā in Patna. In Champaran and North-West Tirhut it is माँभा manjhā, in South-West Tirhut किसा kielā, and in East Tirhut EUZI dantā. Sometimes a hammer is used for breaking the bricks, which is called HITT mungrā or (in Shahabad) इचजुटा hathkultā, and in Saran चापौ thāpī.
- 432. The large earthen pot for water is चेना ghailā, also दिनिया thiliyā in Gaya and मारी gagrī north of the Ganges. The smaller pot is हाँदो hānrī or ह दिया hanrīyā, also कोहा kohā in East Tirhut. South of the Ganges the pot with a spout for pouring water on the plaster is वधना badhnā. In South Tirhut it is वधन badhan, and in South Bhagalpur भारो jhārā. North of the Ganges generally करना karwā or किटिया kāntiyā is used, and in East Tirhut also प्रची phuchchī.

## CHAPTER IV.—THE GRAIN-PARCHER.

433. The grain-parcher is कानू kanā or काँद kandā, with a variant काँद्र kāndān in Champāran, Patna, and Gaya. In Champāran (optionally) and in South-West Shahabad he is called गाँद gonr, and north of the Ganges and to the south-east he is also known as भइभ जा bharbhānjā. Parched grain is भू जा bhānjā, or in Shahabad सुजा bhunjnā. When it bursts in the parching it is called जावा lāwā or प्रदा phutahā.

<sup>1</sup> तमानो is a diminutive form of तमान, of कठात and कठाती.



GRAIN-PARCHERS (KANDU) AT WORK.

- 434. His parching house is चोन्सार ghonsār or घोनसारी ghonsārī to the west, and also to the west of the North Gangetic tract, अन्सारी thansārī. In South-West Shahabad it is अर्म्य bharsāin. The name कन्सार kansār or कनिसार kanisār is current in East Tirhut and to the east of the South Gangetic tract including Patna and Gaya. In Tirhut it is also कनसार kansārā.
- 435. The fit eplace is चूरहा chūlhā in Tirhut and to the east of the South Gangetic tract, including Patna and Gaya; also भार bhār generally, and भन्दार bhansār north of the Ganges and in Gaya. and चोनसार ghonsār in Sāran. In South-West Shahabad it is भर्दांस bharsāïn.
- 436. The place in front of the stove, on which the grain falls, is पदं paruī in Shahabad and पदचा paruā in South Munger. In Patna and South-East Tirhut, it is पौर paur; in Gaya, South Bhagalpor, and North-West Tirhut पौरी paurī; and in Saran and Champaran पारी pārī. Another name more or less current north of the Ganges is चौत्रा chautrā.
- 437. The earthen pot in which the grain is parched is खापड़ khāpar or खपड़ा khaprā when it is large with a wide mouth, and खपड़ो khaprā when it is smaller. The latter is also called north of the Gances ज़ुष्टा kundā or जू ड़ा kūnrā, to the west, and तीजा taulā to the east.
- 438. The iron spoon for taking out the hot sand is ৰাজ হল kalchhul in Sāran and Champāran and South Munger, and ৰাজ হলা kalchhulā in Patna and Gaya. In Shahabad it is ৰাজ kaluchh or (in the south-west) ৰাজ kalus. In South-East Tirhut it is ৰাজিয়া sarahiyā In South-East Bihar it is called ভাৰ dabbū. When made of earth with a bamboo, handle it is called ভাৰ dabknī north of the Ganges and in South Munger, or ৰাজ্য sarwā in North-East Tirhut.
- 439. The flat wood stirrer is called इविज्ञा dabilā to the west. In North Tirhut it is इविया dabiyā, and in South-East Tirhut दाव dāb and in Gaya कुट्टर kurūr. A kind of broom made of four or five reeds tied together is आट ihārū (Patna and Gaya), मुंजनाठो bhunjnāthī or बोट नी borhnī to the south-east, बट नी barhnī to the east generally, अर्ना larnā or जाइ नि lārni in North-East Tirhut, किए नी chhipnī in South-East Tirhut, and चजीनो chalaunī north of the Ganges.
- 440. The sieve is चल नी chalnī generally, but चल ना chalnā in South-West Shahabad and चाल नी chānī in East Tirhut. To the west it is also भार ना jharnā, and also in South-East Tirhut सुष sūp.

<sup>1.</sup> The proper word as actually used in Patna and Gaya is কলছ লবা which is a familiar or contemptuous form of the word কলছুল, cf. খিতাৰ and মিত্তৰা.

- 441. The poker is खोर ना khornā or खोर नो khornā north of the Ganges and in South Bhagalpur and South Munger; elsewhere south of the Ganges it is खोड़ ना khornā or खोड़ नो khornā. In South-East Tirhut and Champāran it is खोर नाडी khornāthā.
- 442. The basket for the grain is north of the Ganges होरा daurā or होरो daurī. South of the Ganges we have बट्टी batrī in Patna, मोनी maunī or मोनिया maunivā in Gaya and South Munger, भौती bhaunkī in Shahabad, and डिल्या dalivā in Champaran and South Bhagalpur. In Champāran and Gaya, the सत्वा satgharwā, and in South Munger the चांड chānr, is an earthen vessel with seven or more divisions for various kinds of grain, and in South-East Tirhut a केट की baithkī is a similar one with four divisions, and इसा chanā one with six. को हा kohā or कंटिया kantivā in North-East and South-West Tirhut, and करना karwā in Champaran, are earthen pots for grain, and कर रा kathrā in Patna and Gaya, or कटीती kathautī elsewhere south of the Ganges. is a wooden pan.
- 443. The grindstone is জালা jāntā or (in South-West Shahabad) জাল jānt. Its axle is কিলা killā or (in South-East Tirhut) কাল kīl, and it is made to revolve by a handle, which is ছঘ্যা or ছঘ্যা hathrā generally, and জুআ jūā to the west, also ছাঘ্য hathar in South-East Tirhut.
- 444. The wages in grain paid to the grain-parcher is भार्  $bh\bar{a}r$ , or in South Bhagalpur भारो  $bh\bar{a}ro$ , as in the proverb जी जरि ग्रेज, भार जा बान्हज की jau jari gel,  $bh\bar{a}r$  la  $b\bar{a}$  nhal  $chh\bar{i}$ ,—the grain-parcher has burnt my barley and has tied me up for his fee (adding insult to injury). The quantity of grain parched at one time is चानो  $gh\bar{a}n\bar{i}$ .

## CHAPTER V.-THE BAKER.

- 445. The baker is generally नान्वार nānbāi with a local variant नन्वार nanbāi in Shahabad. In Gays, he is नान्पन् nānpoj. He is also called रोडोवासा rotīwālā. He is proverbially a rude fellow, and नान्वार ने खिङ्गा nanbāi ke khingā is popularly used to mean a stout rude fellow.
  - 446. He uses an oven, तन्र tanur or त दूर tandur.
- 447. His roasting-spit is south of the Ganges सीख sīnkh, and elsewhere सोख sīkh. In North-East Tirhut it is also सीक sink. This is fixed on supports, which are सिक्टा hichchhā to the west of the North Gangetic tract and in Patna, and कावाब हानी kawāb dānī in South-East

Tirbut, Shahabad and South Bhagalpur. In Gaya they are Tange chakkas.

- 448. The bolling-pot is देशची or देशची degchī. South of the Ganges and to the west it is also called पतीकी patīlī when made of earthenware.
- 449. The cup is रिकाबो rikābī, the saucer रिकाबो rikābī, or कटोरा katorā, and the wooden spoon होइ doï, and also in East Tirhut चमच् chamach or (to the west) चम्मच chammach.
- 450. The large wooden stirrer is called ক্ষম্য kaphchā in North Bihār, ছীলা doā in North-East Tirhut, and ছাঁমা dongā in South Tirhut In Patna it is ভাষা dābhā, and elsewhere south of the Ganges ভল্ল dabhū when made of iron, or ক্ষম্মাই kaphgër (west generally) when made of wood.
- 451. The cushion by which he places the cake on the side of the oven is रफोटा raphīdā, or in North-East Tirhut गर् gaddī. The इम्रतग्ना hushtagnā is an iron bar hooked at the end, and the अर्रा arrā an iron bar flattened at the end. They are used in taking cakes out of the oven. The one is held in one hand, and the other in the other. The two together are called जोड़ी jorī, or in Champāran कन्यो kansi.
- 452. The instrument for making ornamental marks on pastry is north of the Ganges साँचा sānchā; south of the Ganges it is चीक् र chokan in Shahabad, चीक्नी chokai in Patna, and elsewhere चोका choka.
  - 453. The खरचनी khurachunī is an implement for cleaning vessels.

## CHAPTER VI.—THE CONFECTIONER.

- 454. The confectioner is ছলুআছ haluāi in North, and ছলবাছ haluāi in South Bihār. His fireplace is ঘুৰছা chūlhā, and also in Champāran and South Munger মহা thatthī, of which the stoke-hole is মুছ্ munh, and also in Gaya and South-West Shahabad হুআহ duār.
- 455. His open cauldron is कड़ाही karāhī generally, also कड़ाइर karhāï or ताबा tāwa in Gaya. Of this the handles are डाटी dantī, कड़ा karā, or कज़ा kannā, with a variant कड़िया kariyā in South Munger.
- 456. The skimmer is कार ना jharnā in Patna, the north-west, and East Tirhut, इनीटा chanautā generally north of the Ganges, पीना paunā in the north-west, Tirhut, and south of the Ganges. In Patna it is

- also **पौनिया** puniyā, in South Bhagalpur चही chattī, and in Gaya, South Munger, and Sāran सांभ रा jhanjhrā. The large stikrer is केंद्रीचा keonchā, and the small stirrer कोज नो chho nī. In Champāran and North Tirhut it is also खर पी khurpī, and in South Bhagalpur खर चनी khurpā.
- 457. The wooden rolling-pin is बेल ना belnā, which is worked on a paste-board. This latter is called चल्ला chaklā when it is round, and चौको chaukī or पटरा patrā when it is oblong. Other names are तस्ता takhtā (North-East Tirhut), पिंद्या pirhiyā (Gaya and South Bhagalpur), and पौदा pīrhā (Gaya and South Munger). The pestle for beating the dough is दावा dābā, (South-West Shahabad) दावो dābī, or (North-East Tirhut) दाव dāb. Other names are गुर दम gurdam or सुबद musad (Champāran), उपट्रन daptan (Patna), and मंगरा mungra (South Bhagalpur).
- 458. The spoon is  $an \in kalchhul$  or in North-East Tirhut  $an \in karuch$ . The brass ladle with a wooden handle for removing the sugar from one vessel to another is  $an \in karuch$ .
- 459. The wooden platter for sweets is तिर दा girdā north of the Ganges and in Shahabad, खोन चा khonchā north of the Ganges and in Gaya and South Munger, खान चा khānchā in South Bhagalpur, and खांचा khānchā or डगरना dagarnā in Patna and Gaya.
- 460. The brass salver is খানে thārī generally, with local variants খানি thariyā in Shahabad and East Tirhut and খাল thāl in Champāran and East Tirhut. In Saran and Tirhut it is also called হোগা chhīpā The deep brass pan is খানে parāt.
- 461. The sweetmeats are exposed on stands called तरीना taraunī local variants being तरीना taraunā in Champāran and South-East Tirhut and तरेनी taraunī Champāran. In South Bhagalpur they are टेख्ती tekhtī.
- 462. He has also a wooden basin, called कठ रा kalhrā, कठ वत kathwat, or कठोतो kathautīj; a large ladle, डोह् री dohrī; and a pair of scales, called generally तराचू tarājū, तर जुद tarjuï; or ठेकोरी tekaurī. It is also टकौरो takaurī in Tirhut and the west, and नर्जा narjā in Champāran.
- 463. चलुआर के दोकान, दादा के फते हा haluāi ke dokān, dāda ke phatehā, is a well-known proverb. A phatehā is a feast in honour of the dead, at which sweetmeats are given away for nothing. When a person wants to get a thing for nothing, which he has no right to expect, the proverb, which means 'a confectioner's shop is not my grandfather's funeral feast,' is said to him.

#### CHAPTER VII.—THE TOBACCO MANUFACTURER.

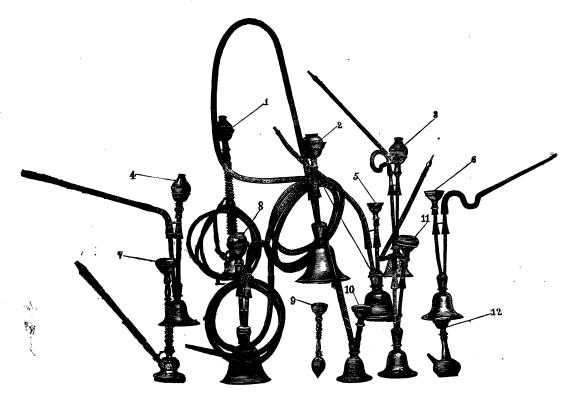
- 464. The tobacco-seller is तमाञ्चवाला tamāku-wālā, तमाञ्चपरोध tamāku-pharosh, or तमाकुल्बाला tamākul-bālā. He crushing-lever, हैंकी dhenkī, with a peg, मुसर् mūsar, सुसरा musrā, or समाउ samāth, fixed in it. It is supported on pillars, खूटा khūnt ū खाटा khuntā, or (in the west) अङ्ग janghā or जंचिया janghiyā, by an axis-pin, किहा killā or अखीता akhautā. It falls on a hollow bed called श्रीखरी okhri or श्रीख की okhli, on which the tobacco is placed. When the crushed tobacco is being removed, the beam is supported by a forked stick, which is called टेक्न् नी teknī, टेक्नानी tekānī, or (in Shahabad) ত কা thekā or তকাৰা thakwā, or in Saran তকাৰা thekwā In East Tirhut it is called ठ क नो theknī or अस गनी alganī, in Champaran अर्गनी argani, and in South Bhagalpur देंगना thengna or उच जन uchkun. Sometimes a string, tall rassi, is used for this purpose An illustration of the similar crushing-lever used in pounding bricks will be found opposite § 431.
- 465. The fragments of tobacco are collected by a broom, आह़ ihārā or बढ़ नी barhnī, which is also called कूंची kūnchī or कूंचा kūnchā towards the west and खर्द्दा kharharā in Patna. The tobacco is sprinkled with water from a water-pot, called पन्द्रा panhandā, इंडिया hanriyā, कड़ाडी karāhī, पियाचा piyālā मटकुरी matkurī. In East Tirhut it is called खय्रा athrā.
- 466. The balls of manufactured tobacco are generally पिजवड़ा pilandā or घोषा dhodhā. Other names are जोड़िया lohiyā (Champāran) जोजा golā (Saran and the East), होंदा londā (South Munger and North West Tirhut), जिंहो littā in Patna and South Munger, and पिवड़ा pindā in Shahabad. टिकरी tikrā are smaller balls.
- 467. In a tobacco shop the broad flat metal plates are, northof the Ganges, सेनी senē, and south of it खान्या khānchā or खोन्या
  khonchā. The tobacco-pots are मांडा bhānrā, चत्या charuā, or चत्रं
  charuī. The cloth covering the stand for the vessels is खब्या kh ruā,
  भांप jhāmp, or पर्हा pardā, and the board on which the tobacco is
  mixed is पट्रा patrā or पोट़ा pīrhā. When of stone it is पटिया patiyā.
  Instead of पोट़ा pīrhā, पिट्या pirhiyā or तख्ता takhtā may be ueed.
- 468. Among the spices used in manufacturing tobacco are जहां ससो jatā masī, इन्होंना chharīlā, सगन्द वाला suganaa wālā, and सगन्द बोलिना sugandā kokilā. Plain tobacco is called साहा sādā, that which is spiced or scented खंबीरा khumbīrā or खमीरा khamīrā, and a mixture of the two दीरस doras or दीरसा dorassā.

#### CHAPTER VIII. -- THE PIPE-MAKER.

- 469. The maker of gurguries (vide post), who is a करेरा kaserā or brazier, uses a kind of lathe, which is called खराइ kharād. Of this ख्रा khūntā, or in South Bhagalpur कुट kunda, is the block which holds one end of the stem as it is being turned. In it is fixed an iron spike called यूज gūnj. पर हो pharhī is a piece of iron which keeps the stem in its place as it is being turned, and व्यक्त baghelī, or in South Bhagalpur व्यक्त baghailā, is a piece of wood through a hole in which the stem is passed during the operation
- 470. The workman uses the revolving awl, बर्मा harmā, moved by a bow, कमानो kamānī, of which the string is तस्मा tasmā, डोरो dorī, or जोती jotī; a broad chisel, जीरमा chaurasā, and a narrow gouge, नम्द्रनी naharnī, or in South Bhagalpur नेम् ना nehnī; an adze, वसुना basrlā; a small saw, आही ārī; a knife, द्वही chhūrī; and files, रेतो retī.
  - 471. The maker of hubble-bubbles (नरियर वाला nariyarwālā) uses a रेती retā (of which the point is हूर hūr), आरी ārā, बर्मा barmā, and गण gaj.

## 472. The pipe (sat hukkā) is of various kinds-

- (1) The निर्यर narivar or निर्यास narival, which is the ordinary country hubble-bubble, in which mouth is applied to the cocoanut itself. It is smoked principally by Hindus. Of this the stem bearing the bowl for burning the tobacco is नीता botā or गहा galtā The short smoking-stem sometimes applied to the cocoanut, to save the hands from being blackened, is निगासी nigalā or नर nar. The bowl is चिस्तम chilam or चिस्तम chilam. In South Bhagalpur पाँगी pongā is a temporary pipe made of the leaf of a tree. In South-West Shahabad दम्मी dammā is a wooden pipe used by travellers, and हम हमाचा damdamāchā a pipe used by women.
- 473. (2) The other kinds stand on the ground, and are more or less similar to each other in shape. The general name is using gurguri when the smoking stem is joined to a tube rising from the brass bowl, and usure gargara when it issues directly from the brass bowl. They are generally made of metal or earth. Another name is pharsi. The tube arrangement for carrying the



# A collection of pipes.

- Penchdār gargarā. Satuk or penchwān. Jilebiyā kulphidār. Kulphidār chaugani.

- Simple chaugani, Arhai Khamhe.
- Simple gargarā. Phatah penek.

- 9. Hubble-bubble or nariyar 10. Iharhiyā. 11. Kehunidār. 12. Gauraiyā.

bowl is the same in principle as in the cocoanut kind The difference is in the smoking-stems (नेचा (naichā).

#### Of these there are-

- (a) कुलपोदार kulphīdār, that with joints ( कुलपो kulphī), allowing the mouth-piece to be moved in any direction, A के हनीदार कुलपो kehanidār kulphī is a joint like elbow and a जिल विया कुलपो jilebigā hulphi is a twisted joint.
- (b) আহে আছো arhai khamhā, that with two large bends and one small one.
- (c) इंट खन्हा derh khomhā, that with two bends,
- (d) टिंड्या tarhiyā or टिया thariyā, with a short straight stem—used only by poor Musalmans.
- (e) चौगाना chaugāni, the simplest kind—used by the poor.
- (1) गौरें या gauraiyā, a simple kind, made of pottery.
- (g) जटक latak, which bends downwards.
- (h) হুল হাত chhalledār, ornamented with gold or silver rings (হুলা) chhallā.
- (i) ৰহল satak, ম বৰাৰ pevhwan, ম বহাই penchdar, or দাবছম ব phatah pench, are various kinds with the long, snake-like, flexible tube.

## CHAPTER 1X.—THE PIPE-STEM MAKER.

- 474. The pipe-stem maker (नैचाबन्द naichāband or नेचाबान naichābān) uses an awl जान gai or (in Patna) सो क sìnkh; a polishing-knife ह्यो chhurī; a pair of scissors के चो kainchī or में क रोन mekraj; a saw, आरों ārī; and a pair of tweezers, मोचना mochnā. He also uses तरसा tarlā or reed, and चिन chin (Panicum milacem), a superior kind which comes from Sylheti.
- 475. For making the longest snake-like stems, पे चवान pechwān a board (takhtā), a string (डोरो dorā, and a mould (कालिब kālib are also used. The embroidered work on a pipe-stem is called in South Bhagalpur पानदार pāndār or मोरस्सा morassā. The silk work on it is सरासर sarāsar or भरावड bharāwat, the flowered silk work on it बढ़ी butī, the silver work on it सल्पो alphī and the ornamental cloth work, उन्नही चीन ultīchīn.

### CHAPTER X.—THE COTTON-CAR DER.

- 476. The cotton-carder is stand dhuniyan. For a description of him and his instruments, see \$ 384 and ff.
- 477. In addition may be mentioned the ঘ্ৰনৰ patkan which is an instrument for teasing cotton. It is also called মাল gaj in Tirhut, Shahabad, Gaya, and South Bhagalpur, and আহি sati in Champaran and Shahabad. The মুহুলা phatkā or মুহুলি phatki is a simple bow used by village women for carding cotton
- 478. A lion once met a cotton-carder in the forest, and seeing his carding-bow, mistook him for a hunter. To avoid being killed, the lion addressed him हाथ धरुष्टि कान्हें बान, कहां चले दिस्तीय जान hāthe dhanuhi kānhe bān, kahān chale Dilli Sultan,—with bow in hand and arrow on shoulder, where is the emperor of Delhi going? The cotton carder was equally frightened, but at length mustered courage to reply बन में रहना बन में खाना बहें की बात बहे पहचाना ban men rahnā, ban me khānā bare ke bat bare pahchanā although he lives and eats in the fore-t, only a gentleman can recognise a gentleman. These sayings have passed into proverbs, the meaning of which is obvious.

## CHAPTER XI.—THE SHOEMAKER.

- 479. The shoemaker is मोची mochī or माँची moncchī in cities and चमार chamār in the country. Among his tools are—
- 480. The thick iron pounder for joining the edges of two pieces of leather which have been previously smeared with paste, which is जोड़िया lohiyā north of the Ganges generally, also जहाँगा lahdungā to the west of that tract, and पिट्ना pitnā in North-East Tirhut. In Patna Gaya and South-West Shahabad it is जोड़िहा lohangā and in the rest of. Shahabad and in South Bhagalpur it is जोड़िहा ehongā or दिशा tipnā In South Munger it is जिल्हा singthā. The paste used is जाई leā or to the south-East जह lai. In South-East Tirhut it is खरी kharā जास lasam is a similar paste made of pounded boiled rice.
- 481. The knife for scraping the surface of the leather is in North-West Biltar this rampi or this rapi. In Tirhnt, the west and South-East Bihar, it is also equit khurpi. In Gaya it is equit khurpa and in Patna this rampa.
- 482. The large awl is सुतारी sutārī, with a variant सुतता sutalī in Gaya. Tolthe east it is also जीवर lokhar, in Champara

- जाइखर  $l\bar{a}hkhar$ , and in South-East Tirhut आर  $\bar{a}r$ . The awl with a hook at the end for sewing is कटरनी katarni. In South Bhagalpur it is टकन takan, and in South Munger टिपू को  $tipun\bar{\imath}$ . The medium-sized awl is म भोजा  $manjhol\bar{\imath}$  or म भोजा  $manjhol\bar{\imath}$ .
- 483. The horn for greese is ৰিন্ধা singā; south of the Ganges it is also ৰিন্ধ singh.
- 484. The last is দম্মা pharmā or (north of the Ganges and the South-East) কলৰুন kalbūt; south of the Ganges it is also, in Gaya ৰাজৰুহ kālbūd, and কাজৰুহ kalbūd elsewhere.
- 485. The wedges of wood or leather fastened to the last to make it fit are মৰেছা paratahā (also in South Munger), or মাবাছা paratāha in Shahabad, and মুখা pachchā in the south-west of the same district. In South Munger they are কাছে বা kapachherā,
- 486. The chisel for paring the edges or the sole is खरणे khurapī The sort of wooden chisel for smoothing the surface of the leather is बंगा bengā to the east, बंजा beūngā north of the Ganges, or बंजांगा or बंजांगा beongi elsewhere south of it. In South Bhagalpur it is पंजन pelan.
- 487. A wooden block for beating the leather is ছাঁমা hāmmar in South Munger and Gaya and ঘাঁমা ghāmmar in South-West Shahabad. The block on which the leather is cut is বিভিয়া pirhiyā, or in South Bhagalpur বিজা silā, and in Saran বিষয় pirahī.

## CHAPTER XII.—THE BLANKET-WEAVER.

- 488. The blanket-weaver is মাউছৌ garerī south of the Ganges and মাভিছাই bhenrihār north of the Ganges; also in East Tirhut মাৰ্ছ marar.
- 489. He uses a simple loom. The stick on which the blanket is wound as it is woven is आखर okhar south of the Ganges. North of the Ganges it is चिचाय sinjoy also चिज्ञो sinjo in Tirhut and कमस् kamhar in Champāran. The supports for this beam are खट्टी khuttī खाँदि khanti or (in Gaya and East Tirhut) खंटा khuntā, In South-East Tirhut they are also गांच gāli and गल्लो gallī or गांचियारो galiyārī in Champaran. In Shahabad the left support is called बर्नी barnī, and the right hand one गांची galī In the same district the support furthest in front of him is प्रा dhūrā, and in Champaran प्र dhūi.
- 490. The beam to which the web is fastened at the opposite end from the weaver is satellited ohari. The beam or a beno is a wooden imple-

ment which is passed between the thread of the web to drive tight each thread of the woof. In South-East Tirhut it is also called set hathà.

- 491. The movable sticks placed at intervals to separate the threads of the web are নামহা tagdhārī in Tirbut and Saran and মালা bailat elsewhere, except নীলা bailath in Shahabad and মান barat in Champaran.
- 492. The heddles, or implement for alternately raising and depressing the threads of the web, are ব্যাল chapmi; also in South West Tirhut দুৱো phatthi.
- 493. The wooden scraper for removing knots or excrescences from the thread is खिखोरना khīkhornā or खिखोरनी khikhornā north of the Ganges, also खिद्योरना khidhornā in Champaran. In Patna it is खिजोरना khilornā, and elsewhere south of the Ganges खिजहोरना khilhornā.
- 494. The thick iron needle is ৰুষা suā, or in South Munger মৰ suj. The shuttle is ৰামাঁ sargān in South Munger and north of the Ganges, and ৰাম্ব serang or ৰাম্বা serangā south of it.
- 495. In Saran and South-West Tirbut the High bhanri is a thick bamboo which is placed between the two threads of the warp. In Champaran it is used sasat, in South-East Tirbut usus sānsar, elsewhere south of the Ganges used, and elsewhere unit changā.

## CHAPTER XIII.—THE FANCY SILK OR FRINGE-MAKER.

- 496. This man is called पट वा patwā or पटहोरा pataherā. In Saran he is called पटहोरी patheri.
- 497. He uses the কাব্য katarā or কাবলা katala a piece of wood with four holes, in which four threads are fixed for winding.
- 498. The wooden reel furnished with a handle is बटनी batani generally. The small wooden reel is अवडी auti or चरख charakh An optional local name is गर्टो gattā in South-West Shahabad. गोली golā, or in Tirhut and South Munger पंचक pechak, is a ball of thread The winding-stick is तोली tālā in Patna, बेजन belan in Shahabad and जटॉइ latāin in North-West Bihar.
- 499. His scissors are kaınchī. The coarse needle for smoothing roughness in thread is বলাহ, 'sālāi, also হলুমা takūā in East Tirhut, and ই কুমা tekūā in Champāran. The ivory smoother is মহাই mathār

or in Saran सठरना matharnā. The large darning-needle is सूचा बर्बे. The fine needle is सूद्दे sāi, also नम्हिया nanmuhiyā.

- 500. The iron hook with a ring which goes round the toe is ज करा or अंकुड़ा ankurā, also अंकुड़ा ankusa and अंकुड़ा ankusī in Gaya and North-East Tirhut. This hook is supported on a stand called थून thūnū in Patna, थोना thaunā in Gaya, थहा thalla in South-West Shahabad, धीना dhaunā in the rest of the district, and थम thum to the east generally.
- 501. The drum of which the thread is wound is पर ता paretā परता paratā, or परती parati in North-West Bihār. The Bamboo frame on which the thread is wound is बढ वा natwa or बढ वा lutwa. In Patna it is बढाइ natāā, and in Gaya and the South-East बढाइ netwa.

#### CHAPTER XIV.—THE EMBROIDERER..

- 502. The embroiderer is जरहोज jardoj or (south of the Ganges) कारचोबो बाला kārchobiwālā, and he makes embroidery (कारचोबो kārchobī) on the कारचोब kārchob or embroidery-frame, on which the work is streeched. This frame is rectangular; and of the parallel pairs of sides, one pair is called (in Patua) समसेर samser or (in Gaya and the west) समसेरक samserak, and the other तोलो tīlī in Patua, फरह pharad in Gaya and Sāran, and पहो patti in Shahabad.
- 503. The small needle is सूद्दे sūi, and the sewing-awl सुतमान sutemān north of the Ganges, सुतवान sutawān in Gaya and Shahabad सूत्रा sūa or विद् सूद्दे bari sūi in Patna Gaya and South Munger.

## CHAPTER XV.—THE DYER.

- 504. The dyer is रंगरेच rangrej, in opposition to the रंगसाज rangsāi or painter. In North-West Bihār he is called रंगरेचा rangrejā.\*
- 505. He uses a vat or pot sunk in the ground for his dyes. This is called north of the Ganges মাত māt. In Patna it is মাত mānt, and to the east মাত māt. In Shahabad it is ফ্রাঁড় chhon; and in the south-west of the district কুড়া kundā. In Gaya and East Tirhut it is কুড় kūnr, and in South Bhagalpur and East Tirhut নীকা golā.

<sup>\*</sup> This word is often confounded with the word আঁমতো Angrejī 'English and in jest, or when speaking facetiously, the English in India are called হাঁমেৰ rangrei, or 'dyers.'

<sup>88</sup> R. & J.

- 506. His half-round pot is অথবা athrā or বাছ nād north of the Ganges, in Shahabad, and South Munger. In South-East Tirhut and South Munger it is also called কড়াছা ikarāhī. In Patna and Gaya it is ছাই hānrī, and in South Bhagalpur কড়ছাই karhāï.
- 507. The wooden filter-frame on which the cloth is hung like a bag with the dye inside is माँची mānjī or मझी manjī generally. In South West Tirhut it is सिरला mirlā, in North-East Tirhut मोरो jhorī, in Gaya माँमो mānjhī, and in South Bhagalpur चम्मल chammal. The string tied to the cloth is क्यन kasan, and the cloth with the dye inside it in South Munger and Patna प्रसार of phulgarnā.
- 508. The stirring-stick for mixing the dyes is ভাতে danti, or in South Munger ভাতা dantā, in South Bhagalpur ইন্ধনী tekhtā, and in North-East Tirhut জানো larnā.

#### CHAPTER XVI.—THE WOOD-PAINTER.

509. The wood-painter is रामाज rangsāj, as distinct from the rangrej or dyer. He uses two kinds of paints—one असर astar, which is a paste made up with chalk and gum, and the other रोगन rogan, which is made up with resin and oil.

## CHAPTER XVII.—THE TIN-MAN.

- 510. The tin-man (कलेगर kalaigar) uses a bellows, called आधी bhāthī south of the Ganges and in East Tirhut; elsewhere it is called धोकनी dhaukani. Another name current south of the Ganges is एकहरा भाषी ekhutthū bhāthī. The two sticks used as handles are north of the Ganges and in South Munger इत्यो hatthī or इत्या hatthū, and south of it, and also in Tirhut, इत्या dantā. In South-East Tirhut they are also इत्या hatthā. The bamboo pipe is चौगा chongā, also in North-West Tirhut नरीचा narauā, in Gaya and Shahabad नराउँ narāun, and in South Bhagalpur चौगो chongā.
- 511. The solder is रांगा rāngā, and the soldering-iron कैया kaiyā. He also uses cotton-wool, उर्दे ruī, and pincers, सरसी sarsī or संद्रभी sarsī. The ठिक्का thikrā or खोरिया khoriyā is the flat title for melting the solder.
- 512. The tin-cutter is क्यो kainchī, and he also uses the small hammer, इयोरो hathaurī, and the compasses प्रकास parkāl. The tin-scraper is नेइनो nehnī or लेइनो lehni; also खुरुनो khurchunī in South Bhagalpur.

<sup>1.</sup> Tel (danti) is really a diminutive of Test (danti).

513. The सबरा sabra, सबरी sabrā, or (in South Bhagalpur) सावज sābal, is a small kind of anvail, made of a bent piece of iron, with one end pointed and stuck in the ground.

## CHAPTER XVIII. THE JEWELLER.

- 514. The jeweller is बोनार sonār, or in Gaya बोनी sonā. In Cham pāran and North-West Tirhut he is बोनगा आ बोनार songarhuā sonār.
- 515. Amongst his implements are the tongs, which are चंद्रश sanrsā or चंद्रश sanrsā.
- 516. The pincers have various names. Large pincers are বিদহা chimtā in South-West Tirhut, also বস্তুলা sahunā generally to the west বাছলা sohnā to the east and in Gaya, and বুঁহা chuntā in Patna. Smaller ones are বিদহা chimtī, বস্তুলা sehunī, বাছলা sohnī, or বুঁহা chūntī. Another kind is মন্তুলা gahuā, which are the large pincers. Nippers are মন্তুর্ব gahuā, or in South Bhagalpur মন্ত্রা gahulī. The বামন্ত্রা kagmuhān are nippers twisted at the head for holding the crucible in the fire. These may also be called বামব্রা bagsanrsī in North-West Bihār and বামন্ত্রী bagmuhān in Tirhut and Champāran.
- 517. The जनहा jamūrā or जनहो jamurī are wire drawing-pincers, and the perforated wire plate is जन्मी jantrī south of the Ganges, in North-West Bihār, and East Tirhut, जैंदो jaintrī north of the Ganges generally, and जनहो jatrī in Champāran and North-East Tirhut.
- 518. The iron needle-shaped tool for making links of chains is ইনুৱা tekulī to the north-west, হল্লা takuā to the east and south-west, ইনুৱা tekuā in Saran, Patna, and Gaya, and ইনুৱা tekurī in South Bhagalpur.
- 519. The compasses are प्रकास parkāl or कम्पास kampās, or in South-West Shahabad चर्चांकी chalānkī.
- 520. The chisel with a round knob for embossing circular ornamentation is আৰক্ষা khalnī, or in Tirhut ভাৰনা kholnī.
- 521. The cold chisel is छेनी chhenī, and a smaller variety is क्रांस halam south of the Ganges.
- 522. The cutters are কৰা kainchi, and also to the south, except Patna, ক্ৰৰেণ katarni.
- 523. Amongst hammers प्योरा or स्योदा hathaurā is the largest. The medium sized is मरिया or मस्या mariyā, with a variant मरेया mareyā in North-East Tirhut; in Gaya it is महरनी matharnē. The smallest

is गोवमद्दाँ golamunhān or गोवम्द्दीँ golmuhīn; another name is खोवमरिया kholmariyā in East Tirhut.

- 524. The small pointed anvil is समहान samdān. The curved anvil is एकवाई ekwāi, or in East Tirhut एकाचे ekābe.
- 525. The bell-metal anvil sunk with several depressions for making repowsse work is কাঁমুলা kansulā in North-West Bihar, কাঁমুলা kansulā in South Tirhut, কাঁমুলা kānsulā in South Tirhut, কাঁমুলা kānsulā in South-West Bihar, and ক্ষলা kaslā in South Bhagalpur and South Munger.
- 526. The square-headed anvil is বিশ্বাহ nehāi, or in Champaran and North-East Tirhut ব হাছ nehāë, and বস্থাই nahāī in South-East Tirhut. In South Bhagalpur it is বিশ্বাহ lihāī,
- 527. The anvil blocks sunk in the ground are বাছা chāha in Saran and South-West Shahabad. In Champaran and West Tirhut they are ইয়া thehā. In Shahabad they are হাৰো ekthā. In Patna, Gaya, and Tirhut they are ম্বার parkath, and in South-East Tirhut also মিন্মিরী pirgithā.
  - 528. The blow pipe is बन्ननार baknār, or in Saran बन्नन baknal.
- 529. The hollow cane for blowing up the fire is নহা narī, with local variants নাহা nārī in Gaya, জাইা lārī in North-East Tirhut and South Bhagalpur. In South-East Tirhut it is optionally দুজাতা phukāthī. The fireplace is আঁলা angaithā north of the Ganges and আঁলা angethā south of it. Another name of this last is আহা borse. The fan for blowing up the fire is uছা pankhā or uছা pankhī; also in South-West Shahabad it is ৰ নিয়া beniyān. In North-East Tirhut মহুৱা bhethī is the dry powdered earth used for cooling the hot metal.
- 530. The small clay crucible is चिंद्या or चिर्या ghariyā. It is made of a mixture of clay and rags called in Shahabad कंपरीट kampraut, and in Champaran कपरीट kapraut.
- 531. An ingot not beaten out is जामी kāmī, or in Gaya एकवाइ ekwāï. In Saran it is ध्वा thakkā, in Champāran and North-West Tirhut ऋषकी chhalkī, South-East Tirhut गही gaddī or थाक thāk (also in South Munger), in South Bhagalpur थोक thauk, and in Tirhut generally except the nort-west ऋषकी chhilkī. A block of silver beaten out flat is चौरवा chaursā.
- 532. The iron ingot mould is ঘ্যান্নী pargahanī to the west and ঘ্যান্নী paraghanī in Patna and Gaya. In East Tirhut it is চোহা dhārā, in Saran কম চাহা kam dhārā, and in South Bhagalpur নাৰী nālē

- 533. The moulds of various sizes into which metal is beaten are कटकिरा katakirā north of the Ganges, कटकिरा katakirā south of it to the east, उस्था thassā in Saran, and उपा thappā in Gaya and Shahabad. In Shahabad similar moulds are बहुका bahakā, कहिरया, laheriyā, मोसल् gokhlū (also in South Bhagalpur), and मोतिया motiyā. To the west रहटवार rahatwār is a mould in which round articles are beaten into shape, and मंजरो gunjarī is a similar smaller one. In the same tract पगड़ी उसा pagari thasā are milling moulds, such as those in which the edge is given to a rupee. The last are called in South Bhagalpur खोरा विद्यो khirā bichchī, वाँच bānh, or पगड़ा pagrā.
- 534. Pattern stamps for ornaments are stat thousa in Shahabad, stat thāsā in Gaya and South Bhagalpur, stathāns in Patna, and stat  $chh\bar{a}p\bar{a}$  in South-West Shahabad and South Munger.
- 535. The कटोरी katori is a box or cup for holding scraps of silver. In North-East Tirhut it is called ভিবিষা dibiā, and in Tirhut and to the east सित्हा situhā or रंगेहरी rangehars.
- 536. The polishing-brush is बरोंकी baraunchhi. In South. East Tirhut it is also called नुची kuchchī. The polishing stone is जोपनी opnī or पोत pot.
- 537. The touch-stone is क्योटी kasautī. A jeweller's wages is महाद्दे garhāī.

## CHAPTER XIX-THE LAPIDARY.

- 538. The lapidary is इकाक hakkāk, or in South Bhagalpur मोइसी बोहार mohli lohār, and he uses a revolving grindstone or बान sān or in Shahabad चकरबान chakarsān made of corundum powder and lac. The bow for turning this is कमाना kamānā or (to the west) कमानी kamānā. Its props are क्रिंटा khūntā, हेवासी dewolī, or एकटा ekthā. Its wooden axle is बाँखा sānkhā in Patna and Gaya, चढ़ lattū in Shahabad, and कृत kūn to the east.
- 539. The agate burnishers are चाँटा ghontā, and the round ones चिन्नी sillā; the princers, चंटो chuntā in Tirhut, Patna, Gaya, and the east, चिन्नटा chimtā in Saran, and च हुनी sehunā in Shahabad; the iron graver is चलाइ salāi; the cutters, के चो kainchā; the small hammer, ह्योरी kathaurā; the anvil, निहाइ nihai; the pincers, चंद्री sanrsā; and the revolving awl चिन्ना चान jila sān or खर चान khar sān.

### CHAPTER XX.—THE SEAL-MAKER.

- 540. The seal-maker is मोइरका moharakan, and he uses a machine called a चरख charakh, of which the principal portion is a revolving awl, बरमा barmā.
- 541. The hammer which he uses is मधनी mathani or मिर्या mariyā; the stone to which the metal to be engraved is fastened is देमा dhemā; and the diamond pen is क्लम kalam.

### CHAPTER XXI-THE GOLD-WASHER.

- 542. The gold-washer is called नियरिया niyariyā or नियारिया niyāriyā north of the Ganges and in Patna; elsewhere south of the Ganges he is called सनधोन्ना sandhoā, and South Bhagalpur नियार घोन्ना niyār dhoā.
- 543. He uses the করে katharā or wooden pan for washing the ashes of jeweller's shops. Another name current in Patna and Gaya is কঠানা kathautī. The ashes are বিযায়ে niyārā or ন আয়ে neārā, and they are collected by a scraper, ভাষা khurapā, and a broom, কুমা kūnchī or মুৱা muthā. South of the Ganges the पত্তী pakhurī is an iron instrument for collecting the ashes.
- 544. His sifting-pan is কুলে chhattan, or in Patna and Gaya চন্দ্ৰা dhakanā. In South Bhagalpur it is বীস্থয় chauhattā.
- 545. His bellows are भाषी bhathī; his blow-pipe, बसनार bakanār or in Shahabad बसनस bakanal; and the earthen pipe of the vessel which remains in the fire, सुसदा suswā north of the Ganges and ब्रुंसा sūnsā south of it. In Saran it is also नरीसा narauā.
- 546. His pincers are संद्यो sanrasi, or in North-West Tirhut बनना sansā; and the iron stirrer स्वीक sīnk north of the Ganges and बाँख sīnkh south of it. Another name of the latter is बनाइ salāi in North-West Bihar.
- 547. The earthen crucible is a squared or a star ghariyā, also sin dib in Patna and Gaya and assumed addā in South Bhagalpur. These crucibles are of two kinds: the first only destroys the dirt, leaving all the metals behind, and is called analist  $baglaut\bar{\imath}$ . The second destroys all the baser metals left by the first, and leaves only the gold and silver untouched. It is called year punhar.

# CHAPTER XXII.—THE BRAZIER.

- 548. The brazier is তইহা thatherā, but in Shahabad he is also called কাইবা kaserā, which properly means a brass-founder. In North-East Tirhut he is তইহি thatherā. He is famous for his powers of swindling, as in the proverb তইহি তই হৈ বৃদ্ধি ৰহলা ছাম thatheri thatheri nahin badlā hoy,—braziers don't traffic with each other (for if they did, it would be diamond cutting diamond).
- 549. He uses the বিহাৰ nihāi or বিহাৰ nehāe, or anvil. In East Tirhut this is also called বিহাৰ lehāe, and in Patna, Gaya, and South-West Shahabad ঘ্ৰাৰ pathal. The सমহাৰ samdān is the pointed anvil, which is also called in Gaya and Shahabad ঘ্ৰাহ ekwāi. The सমহা sabrā or, in the south-east सাৰহ sābar, is an anvil round at the top. The circular anvil for shaping the mouth of a vessel is चीका chaukā south of the Ganges and ৰাজমাৰ্থা bagalabharuā north of it. South of the Ganges the মাহ্য geriyā (Gaya) or হুমাহা dugorā (west) is a sort of wooden anvil or block. The মালা মহা golā sabrā is a kind of anvil for pushing up any indentations. In South Bhagalpur it is called মালমাৰহ golasābar. The হাই kharwe or in Shahabad হ্ৰা dabthā, is a kind of anvil on which hollow vessels (মাহা gagrā) are hammered out. It stands on the two-legged হুমাহা dugorā, also called হাহে kharāt.
- 550. The cutters are ক ৰা kainchī, also কান kāt in Gaya and North Tirbut.
- 551. The stirrers are —(a) for stirring solder, कैया kaiyā south of the Ganges and सराइ sarāi north of it; also जीपन lopan in East Tirhut: (b) the iron stirrer for mixing up the flux, पबदेनी pandenī north of the Ganges and Gaya, पेनेनी penenī in Shahabad, and पनकाटो pankāthi (of wood) in South Bhagalpur.
- 552. The pincers are समसी sansī or संस्थी sanrasi, also गहुआ gahuā; the file रेती retī, and the hammers हथोरा hathaurā or हथोरी hathaurī, also मटना mathanā north of the Ganges and to the west, मरिया mariyā in East Tirhut, and धन ghan in North-East Tirhut.
- 553. The vessel for holding the flux, बोहाता sohagā or पाएन pāen, is कटोरो katorī. In South Bhagalpur it is पनवाला panawālā.
- 554. The bellows are মাথী bhāthi; the crucible, ঘড়ীয়া or ঘৰিষা ghariyā; the tongs, ঘন্ধী sanasī; and the perforated cover for the crucible, আইছে ohār north of the Ganges, South Munger, and South-West Shahabad; also: আইছি jhāmp in South-East Tirhut and South

Munger, क्लॉपन jhāmpan or क्लॉपना jhāmpnā in Patna and Gaya, क्लिपोना chhipaunā elsewhere in Shahabad, and करहाइ karhāi or सुन्दन mundan to the east.

555. The mailet is मंगरी mungrī. The scales are तराजू tarājū or तरज दे tarjūī. The polisher is क्लाबनी chholnī or लेक्की lehnī. In South Munger it is also नेक्की nehnī.

# CHAPTER XXIII.—THE BRASS FOUNDER.

- 556. He is कसेरा kasera, and in Gaya also तम्हेन्र tamherā.
- 557. He uses moulds of various kinds, called बाँचा sanchā, or in Shahabad बमारना kamadharnā. His lathe is खराइ kharād, or in Shahabad and South-East Bihar कुन्द kund. His large pincers are बँड्सा sanrasā or सनसा sanasā. His crucible घरिया ghariyā, of which the mouth is सुँच munh. His broad chisel is चौरसः chaurasā or चौरसी chaursi, also सच्ची lehanā in Shahabad and द्विनो chhenā in the south-west of the same district.

# CHAPTER XXIV.—THE BRASS BANGLE-MAKER.

- 558. The brass (कॉस kānsā) bangle-maker (उउँ रो thatherā or उउँ रा thatherā) makes बॉस्ट्रो bānhi, which are brass bangles worn by the lower classes. To the east they are called बतिसे batisā, and in South Bhagalpur बस्ती bastā. When a number of these are worn, those at each end are called बन ban or (South-East Tirhut) क्या कितिराक्षेत्र and (Saran) क्या katarā. Of these the one highest up the arm is called अगुआ agua or अगोला agelā, and that nearest the hand, पशुआ pachhuā or पश्चिता pachhelā.
- 559. He uses the following implements. Variants of the names already given in other chapters will not be repeated here:—
- 560. ने हाय nehāy, the anvil; हथोरी hathaurī, the hammer संदेश sanṛasi, the princers; रेतो retī, the file; हेनी chhenī, the cold chisel; भाषी bhathī, the bellows; घड़िया ghariyā, the crucible; and ढाड़ा dhārā or सांचा sānchā, the mould, in which कामो kāmi is the orifice through which the molten alloy is poured.

### CHAPTER XXV.—GLASS-MAKER AND GLASS BANGLE-MAKER.

561. These are the बीबा ढरेवाला sisā dharewālā or glass-manufacture; the मन्दिर manihār, who makes glass bangles; and the चृदिहार

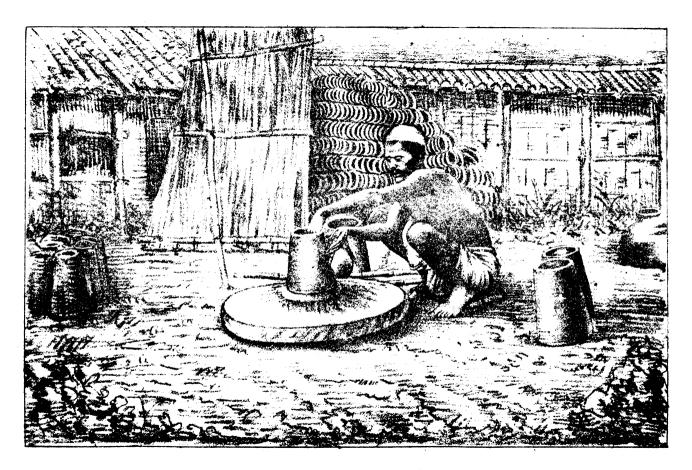
or मुड़िशार churihār or मुड़िशा churiyā, who makes the embossed ornaments on glass bangles.

- 562. Their furnace is called भही bhatthi, of which the opening through which the melten glass is removed is बारा bārā north of the Ganges, मोइड़ा moharā in Shahabad, and elsewhere र्याजा darwāiā This is closed by a cover called चोजवारो olwāri north of the Ganges and in South Munger, चोजवारो olwāri in South-West Shahabad, उपीना dhapaunā in Shahabad, and elsewhere मापना jhapanā.
- 563. The earthen crucible is তিন্ধ thikkar or তিন্ধ thikarā generally, also নৃভাছা karahī in South-East Tirhut, and ভিৰম dibarā in Patna and Shahabad.
- 564. The spoon for putting the glass into the crucible is करह उ karchhul. The iron hook for taking out the glass is अंद्वारी ankurā or अंद्वारा ankurā in Patna and the west, अद्वारा ankurā in South East Tirhut द्वारा ankurā in South Tirhut, द्वारा ankurā in South Bhagalpur, and द्वारा अद्वारा dharni akurī in Champaran. The instrument for turning the glass in the crucible is अद्वारा akurā generally, and क्वाइना kılchhulā to the west.
- 565. The stone on which the ring is shaped is प्रस् patthar or ঘ্ৰেল patthal north of the Ganges, and ঘ্ৰহা pathrī south of it. The mould with a handle for shaping the bangle is কাৰেৰ ম kālbūt north of the Ganges, and কাৰৰ হ kalbūd or ভাৰা sānchā south of it. The handle of this is ভ্ৰেম্ভী sarkandī.
- 566. The long iron poker on which the glass is melted is बचान salāg; the flat iron instrument for shaping the ring is माला malā; and the instrument for widening the ring to the required size व धवार bedhwār in North-West Bihar, वचवारो badhawārā in Patna and South Tirhut, and वधरना badharnā south of the Ganges. The क्लोट वध्वारा chhoti bedhawārā &c., or क्लोट बच्चा chhoti akurā, is the instrument for taking the ring off the mould. In South Bhagalpur it is घरनो gharanni.
- 567. Other instruments used by the glass bangle-maker are হৈতেই tikhthā, which are bamboo slips for holding the bangles in the fire; unit pannā, leaves of solder; unatā phokāthā (Gaya and South Bhagalpur), মাঘা phonphā (West Tirhut and South-West Shahabad), or মানা narā (Patna, South Munger, Tirhut and rest of Shahabad), which is the pipe for blowing up the fire; the আমতা angethā or আমতা angethā which is the fireplace; and মুহা chuntā (Shahabad), মুহা chuntā (Tirhut, Gaya, and South Munger), মুহা chuntā (South Bhagalpur), or মোহা chimatā (generally), which is the pincers.

- 568. In Shahabad a famous maker of glass bangle ornaments was one Samman Churiyā. It is said that when boys he and a king were pupils in the same school, and each promised that on his marriage he would show the other his wife. Samman married first, and did so. When, however, the king married, he refused to carry out the agreement and show his wife to Samman. The latter thereupon disguised himself as a female bangle-maker, and gaining admission to the female apartments, sold some ornaments to the queen in the presence of the king, who praised the workmanship, saying the bangles were like ivory ones. Next day the king began to boast of his high character, and how he would never allow his wife to be seen by an outside man, when he was interrupted by Samman reciting the following verse, which showed the other how he had been made a fool of :-- सम्मन चुरिया ज गढ़ें च्यों इस्ती के दन्त, बाँह पक्ष इस सेत हैं, बैठे हों कल Samman Churiyā ū garhen jyon hastī ke dant, banh pakari ras let hain, baithe dekhen kant,-Samman the bangle embosser makes bangles like ivory. He held her by the arm, and had the pleasure (of seeing her) while her husband was sitting by.
- 569. The stamp for making embossed ornaments on the bangle is ছাঁছা sānchā (Tirhut and the south-east), কালো কলো karailī katnā (Champaran), তথা thappā (South-West Shahabad), and ছাণা chhāpā (Tirhut and elsewhere in Shahabad). In Champaran and South-West Tirhut লাম togar is an instrument for embossing.

# CHAPTER XXVI.—THE LAC BANGLE-MAKER.

- 570. Thelac (আন্ত lākh or আছ lāh) bangle-maker is অইন lah erī or আইন laherā. He uses a block of wood with a handle, on which the bangles are fitted, which is called কুল kund; a ঘাঁলা sanchā, which is a brass mould for embossing ornaments; and a সুমন্ধা chubhkī (and also to the east সুমনা chubhtī), which is an ivory mould for embossing. His bamboo pipe for blowing the fire is ন্ম narī or নামা nārī, also দুনাতা phukāthī or আনে lārī in South Bhagalpur and দুনাতা phukhāthī in North-West Tirhut.
- 571. A bangle whether of glass or lac, is বুরা chūri. The latter variety is also called অহল lahathē. Of these the thickest, or keeper which prevents the thinner ones slipping over the hand, is মানি kanganē. The end bangles of a set are বাৰ band, or in South Bhagalpur বিশেষকি, and the intermediate ones মুখো surkē, and in South Bhagalpur মুখা pahatā.



Potter (Kumhar) at work

# CHAPTER XX VII.—THE POTTER.

- 572. The potter is generally called जुम्हार kumhār or जुरस्रा kumharā; in the east he is also called पण्डित pandīt, and in Patna and Gaya also प्रजापत parajāpat. In Shahabad he is जु हार kumhār, and in the south-west of the district जोहार kohār. Concerning him there is a proverb, निचिन्त सूते जुम्हरा, मिट्या न से जाय चीर nichint sūte kumharā, matiyā na le jāy chore,—the potter sleeps secure, for no one will steal clay. His wife is known as जुम्हें नि स्वात्त kumahaini or जुम्हर्ग kumahaini as in the proverb तेजी वैज जा जुम्हर्ग स्वात्त teli bail lā kumahaini satti,—for the sake of the oilman's ox, the potter's wife has become suttee, i.e., she interests herself in other people's affairs.
- 573. His wheel is चाक chāk, which is turned by a stick, चकेंट chakaith, or in North-East Tirhut छरि chhari, on a peg, which is कीजा kilā or किसा killā to the west, and खूँटो khūntī or खुडी khuttī to the east. In South Bhagalpur it is, however, सिसा sillā.
- 574. The implement for mixing the clay is ज इसुर lehasur north of the Ganges and जहार lahasur south of the Ganges !generally. In Shahabad it is कटनी katani, and in South Bhagalpur पहा pattā.
- 575. The rammer for consolidating the clay is पोटन pītas when made of wood; when made of earthenware it is पो इ pīnr north of the Ganges generally and in Shahabad, पिट्रेंट pinhaur or पिट्रेंट pinhaur in Patna, and पिट्रेंट pinhaur in Gaya. In South Bhagalpur it is पिनौरी pinaurī. The clay is smoothed with an instrument called मिलोना milaunā north of the Ganges and in South Munger, and also मजनी majanī in South-East Tirhut and South Bhagalpur.
- 576. The moulds for shaping vessels are अध्यो atharī generally. Other names are कटअध्यो kathathrī in Patna and करध्यो karatharī in South Bhagalpur. The pots when ready are severed from the wheel by a string called इवन chkewan; also क्लोनो chhaunī in Patna and इवनो chhewnī to the east. In South Bhagalpur it is क्लोनो chhewno. Another name is कमटो kamathī in North-West Tirhut. The समा sanchā or साँचा sānchā is a mould used in making tiles.
  - 577. The Kiln is estat āwā.
- 578. The clay-pit has many names, viz. चुचाँ chūān (South-West Tirhut), खंदार khanrar (Patna), महिखान matikhān (West Tirhut, Gaya, and Shahabad, महस्त्रा matakhana South-West Shahabad and Tirhut), महस्त्रा matakhabha (South Bhagalpur), महस्त्रार matakore (Patna and

South Munger), and महियार matiyār (South-East Tirbut). Other names are कोइंड्सर kohanragar in Saran and महस्म matakham in North-West Tirbut.

579. The earthen pot in which the water which the potter uses while making the vessel is kept is called चन्नवर chakwar in the northwest; also अथवानी athawāni in North-West Tirhut, इथवानी hathawāni in Gaya and South-East Tirhut, and बहेड kadaith in South Munger. In South Bhagalpur it is चनीड़ी chakorī or इथपानी hathapāni.

#### CHAPTER XXVIII.—THE FIREWORK-MAKER.

- 580. The firework-maker is আনমৰাৰ ātasbāj or আনম্বাৰ ātasbāj. In Shahabad and South Bhagalpur he is বৰাহ ঘৰাৰা rawaisawala. In South Bhagalpur মাঁড়ী yonrā is the name of a caste whose employment is to make fireworks.
- 581. He uses a grindstone, which is चन্ধী chakkī to the west and in South Bhagalpur, and আবা jāntā in Tirhut and to the east; also in East Tirhut चन्दरी chakarī. In South-West Shahabad it is चিন্ত sil.
- 582. His ramrod for ramming the powder is क्लाइन kalabad generally, with a variant क्लाइन kalabūt in South-West Shahabad. In the rest of Shahabad it is सुखा sumbā, and in South-East Tirhut optionally समृद्धा sumbā when made of iron. In Saran it is गज gaj. The wooden roller used in making a Roman candle is खोजकड़ा kholakrā, and in South Bhagalpur also खोजनो kholanī.
- 583. His saw is चारो āri; his knife, छूनी chūrī. A flat heavy one is बाँको bānkī in Saran and Champaran, बाँक bānk in Shahabad, द्वाब dāb in Tirhut, and द्विया dabiyā also in the north-east of the same district. His awl is बरमा baramā, and his file is रेतो retī.
- 584. His wooden platter is कढरा katharā to the west, कडोती kathautī or कडोत् kathaut in Patna, Gaya, and East Tirhut, and कड़ाइ karhāi in South Bhagalpur अथरा atharā, in Tirhut, Gaya, and South-West Shahabad, is a kneading-troach, similarly used.
  - 585. Among the fireworks which he makes are-
    - (a) The hand Catherine wheel, ব্যাল charakhi, and that which is mounted on a pole, বন্ধু chakkur, হাই বন্ধু radhe chakkur (South-East Tirbut), or ব্যুৱাৰ chakaraban (Shahabad).

Of these, the pipes in which the powder is placed are नाल nāl, or to the east बाज lāl or जाजा lāla, and in South Munger नज्ञा nallā. The pipe in which the axle works is also called नाज nāl. &c., as above; also पुरत्तो pullī in South-West Shahabad कुलपो kulaphi in South Bhagalpur and in South-East Tirhut द्नियाजो daniyālā. The axle itself is मजरो makarī or इन्हो chhuchchi north of the Ganges generally, and also पोपो phonphī to the west. The spokes and rim of the wheel are दांचा dhānchā to the west or दंगो dhancharī in Saran, टाट that in Tirhut, मजरो maṣarī in South Munger, and में प्रा menṣarā in South Bhagalpur.

- (b) There are various kinds of bombs; amongst them are सुचन्य bhuchampā or सुच्या bhuchappā (north of the Ganges) or सुद्दं चम्पा bhuin champā (south of it), अनार anār (generally), कुल्डिया kulhiyā (north of the Ganges) or जोको laukī (east generally), बमगोजा bamagola (generally) or मोजा golā (Champaran and North-East Tirhut), तड़ाका taṇakā (south of the Ganges), नाच पाच nas pāl (generally) इतिका dantuā and तोरना toranā (Shahabad), A long kind of bomb is north of the Ganges चड़का chahakā.
- (c) The balloon is ùহায়ে petārā south of the Ganges, and ফহাঢ়ো petārhā or মাৰায়ে gobārā north of the Ganges, to the west.

  In North-East Tirhut it is ভ্ৰৱা ফ্লাডো urtā petārhā and in South-East Tirhut ভ্ৰৱ ফ্লাডো uran petarha.
- (d) The **rocket** is ছবাছ hawāi or অধ্যান বাহা asamān tārā; also ছম্ভী chharī in North-West Tirhut. In South-West Shahabad, Saran, and Champaran বান bān, and in North-East Tirhut অভী বান jangī bān, is a species of rocket.
- (e) The Roman candle is মছবাৰী mahatābi generally, also হল্লী
  dastā north of the Ganges and মৰ্লহ gallar in Shahabad
  and East Tirhut.
- (f) Other fireworks are महताब mahatāb, खजूर khajūr, किसा kitā (a miniature fort, of which the bastions are बुग्जी burjī), गञ्ज चितारा ganj sitārā, कहम गास्ट्र kadam gāchh, चाहर पड़ाकेहार chādar parakedār, खाहा चाहर sādā chādar, चाहर chhādar or (East Tirhut) खीसन के टही sauson ke tattī चांह् चरबो chand charakhī, पटेबाज patebāj, किरिन kirin or

(North-East Tirhut) दिश्व चन्तर kirin chakkar, कृष्टन्दर chhuchhundar (West Tirbut and South-West Shahabad), जर्वे jalebī (South-West Shahabad), मुर्श murarā or मरहा marahā (South-West Shahabad and Gaya), चन्दर कला chandar kalā (South-West Shahabad), पड़का paraka or (South-West Shahabad), บุรเส patākhā (Chinese crackers), มือเรื murhā, दीपक dīpak, जुद्दी jūhī, रसपाल rasapāl (Saran and Champaran), आर्दाना aradānā (East Tirhut), देव deb or हेव deo (a flying monster), नटबान natabāi or सरत देव larat deb (fighting monsters), कैत बान kait ban (a round rocket), फारसी गोला phārasi golā, टट्टी लील पर tatti lilu phar (south of the Ganges), घन चक्कर ghan chakkar (south of the Ganges), मोर चक्कर mor chakkar (south of the Ganges), मोर बाज mor bāj (south of the Ganges), पंचरखी pancharakhī (Shahabad), चौताना chautānā (Shahabad), इनार बीन hajār bīn (Shahabad), चौधड़ा chaugharā (Shahabad) ভুলাৰ huluk (Shahabad), and ৰুৱাৰা batāsā (Patna), which is also called अंगारी angārī in Shahabad. In South Bhagalpur anal lauki and ugan padukā have been noted.

# CHAPTER XXIX.—THE BOOKBINDER.

- 586. The bookbinder is in North-West Bihar इमदरी daphadarī and in East Tirhut इफ्तरी daphatarī. In South-East Tirhut he is also called काग्ली kagajī. South of the Ganges he is जिल्हा jildband, or in Shahabad जिल्हार jildgar.
- 587. His screw-press is सिनंदा sikanjā. Another kind of press is सकरी makri. The wooden boards for putting between the books in the screwpress are तक्ता takhtā or (in Patna and South Bhagalpur) तक्तो takhtā. In Shahabad and North-East Tirhut they are uzरी patarā; in South-East Tirhut, पिर्या pirhiyā; and in South-East and North-West Tirhut, निम्नार्ग nishakardā.
- 588. The paper cutter is कतर्नी kataranī, or (in Champaran) पार्ट pārh or बार् bārh. The scissors are केंची kainchī, or in North Bihar also म कराज mekrāj.
- 589. The iron mallet is इयोश hathauri or मार्तील mārtaui, and the awl सूचा sūā north of the Ganges generally and in Shahabad and South Bhagalpur, सराखो surākhī in Patna, सनाखो sulākhī in Gaya,

सुतारी suturi north of the Ganges, and टेक्झा tekuā optionally in South-East Tirhut. The needle is सुद्दे sui.

- 590. The embossing-wheel, which is an instrument with a small revolving wheel for embossing the binding, is पिरकी phirkī in North-West Bihar and South-East Tirhut, चक्की chakkī in Tirhut and Patna, चक्का chakkar in Gaya and South Bhagalpur, and चक्का chakkā in Shahabad Other dies for embossing are प्रा phūl or (optionally in Champaran and Tirhut) उपा thappā; also आवर ihālar, चनकोरा janjāra, and होद्द्वी dosūtī.
- 591. The cutter for paring edges is নামা jhāmā north of the Ganges and Patna, and ৰাছৰ sohan elsewhere. A file for the same purpose is বৌ retī.
- 592. The wooden tool for smoothing the binding is खरेख sales (corruption of English 'slice'). It is also called तिज्जो tilli or तीजी tīli, and in East Tirhut कमचो kamachī.
- 593. The leather-scraper is खुर्पो khurapī, also north of the Ganges दिलानी chilani. पत्थर patthar is the flat stone on which the leather is scraped.

# CHAPTER XXX.—THE ROPE-TWISTER.

- 594. The rope-twister is ক'লং kanjar in North-West Bihar and Gaya, and লাঁহ chain in West Tirhut. In Shahabad and Gaya he is হৰবহো rasabantā. The art of rope twisting is ৰহনাহ batnāi.
- 595. His rope-twisting implement is called धिर्नी ghirnā or धिरनदे ghirnaī, also घड़ी gharā in South-West Tirhut. Of this the भौरक्षण bhaunrakalā is a flat stone with a hook, to which the rope is fastened as it is being twisted; semetimes a peg, खूँडो khuntā, is used for this purpose. The board or bamboo fixed in the ground and perforated with holes, by which the strands, जर lar, pass is called गड़ाड़ी garārā north of the Ganges, गरारी gararā in Patna, घरो ghararā in Gaya, and घरनी ghiranā in Shahabad. The strands are fixed to the ends of pegs, बे बन belan, which revolve in these holes.
  - 596. The string used to move the machine is चिरना ghiranā.
- 597. When cables and thick ropes are made, an instrument called (north of the Ganges) ছব্যা ব্যক্ত hatthā charak and (south of the Ganges) মুৱা muthā is used. This is a grooved block, in the grooves of which the strands are fixed to secure uniformity in the twisting. A man holds it in his hands, and carries it forward as the strands are twisted.

598. A simpler kind of machine is called use charakh or used charakh. It consists of only a bent wooden handle, used dandi, and a perforated board. The strands are fastened at one end to the handle, and the other ends are twisted by hand.

### CHAPTER XXXI.—THE WEAVER'S BRUSH-MAKER.

- 599 The weaver's brush-maker is called কুৰ ৰ'ঘৰা kunch-bandhawā. The brush is called কুৰা kūnchī, কুৰ kūnch, &c. (See Chapter on Weaving.)
- 600. He uses the चाँचा sānchā, which are two moulds for keeping the brush in order while it is being prepared. He beats the brush with a टोक्न thokanā; and he has a flat piece of wood called पटरी patari for keeping the bristles in order.

### CHAPTER XXXII .-- THE BOW-MAKER.

601. A bow is कमान kamān, or in North-East Tirhut कमडा kamathā, and its maker is कमनगर kamangar. He has no special implements.

# CHAPTER XXXIII.—THE WEAPON-CLEANER.

602. The सिक्तिगार sikilgar or arms-cleaner uses a रहा randā; or in North-East Tirhut साम thām, which is a kind of plane for cleaning off rust; a गुज्जो gullī, a piece of hand stone for a similar purpose; कुरून kurun, a kind of stone powder. He also uses a सिंदीटा singhautā or polishing-horn, a मसद्भी masakali or iron instrument, and गहा gaddī or thick cloth, both used for varnishing.

# DIVISION II.

# DOMESTIC APPLIANCES AND UTENSILS.

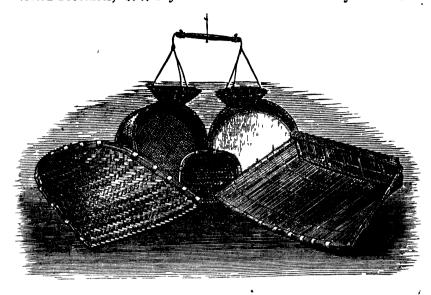
#### SUBDIVISION I.

APPLIANCES USED IN THE PREPARATION OF FOOD.

#### CHAPTER I.—SIEVES.

- 603. The winnowing-sieve is चूप sūp or कोलसप kolasup. The former is also used for sifting grains of various sizes. It is made of reeds. The latter is used for winnowing only, and is woven of bamboo slips. They are both oblong in shape, and have a low wall round three sides, called in East Tirhut महा mararā. Other names are कोनिया koniyā (North-East Tirhut). and डारा dagarā (see § 47) in Gaya, Champāran, and North-West Tirhut.
- 604. The चालनो chalani, or (North-East Tirhut) चालनि chālani, is a woven sieve for sifting bran from flour, as in the proverb concerning an extravagant man, कोन पूर्यक भेज गाय, चालनि के दुद्दाने चाय kon pūrukhak bhelahuñ gāy, chālani lai duhāwa jāy,—of what man have I become the cow: he has brought a sieve into which to milk me. Again, चालनि टसल स्प क, जनिका सद्दस्योट छेद chālani tāsal sūp keh, janikā sahasar got chhed,—the sieve, which had a thousand holes, sneered at the winnowing-basket, i.e. the pot called the kettle black.
- 605. The चित्रवन chilawan, or in Sāran, Patna, and Gaya चिन्ने प्र chilaunj or चित्रोंद chilaund, and in South Munger चित्रोंन chilaun, is a kind of sieve used for catching fish, and also (according to Crooke) in the North-Western Provinces for straining sugar-cane juice. Other names are आरसी ārsi or जङ्गा janghā, both used in South Bhagalpur, and the latter in North-East Tirhut and the former in Sāran.
- 606. The ব্লব্ cholanā is a sieve for cleaning grain. Other names are কাৰো jharanā south of the Ganges, বছৌ tarchhi in Champāran and মুৰ্ব্বৰ gurchalanā (North-East Tirhut).
- 607. The चाँगी angi or े शिया angiyā is a cloth-bottomed sieve for sifting fine flour. It is called हाँगी hāngi in Gaya and अध्यस् 88 R. & J.

 $kapardh\bar{u}r$  optionally north of the Ganges. In Azamgarh, in the North-Western Provinces, आँचो  $\bar{a}ngh\bar{i}$  is a leather sieve with very fine holes.



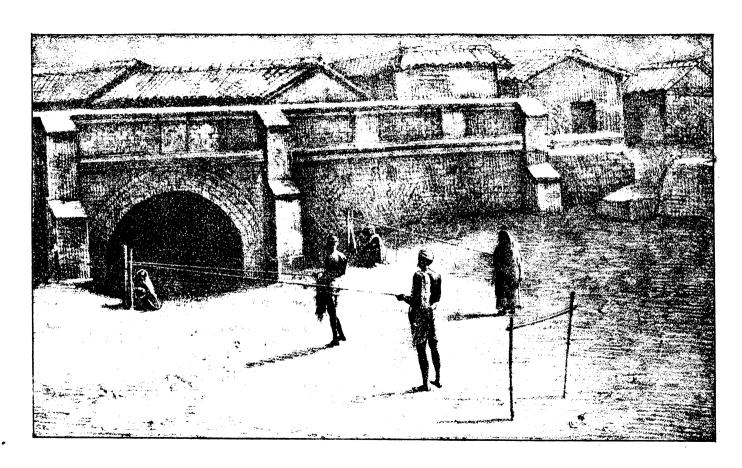
Taraju.

Chalani. Supuli. Ángi.

Kolasup Sup.

# CHAPTER II.—THE PEDAL FOR HUSKING GRAIN.

- 608. The whole apparatus, and also the movable beam, is called continuous or (in Shahabad) continuous or continuous dhenkā or continuous dhenka and (in Sāran) continuous dhenkul.
- 609. The pillars on which the beam rests are জালা janghā in North and East Bihār আঘা jānghā in Shahabad, and অভায়া jangh·yā in North-West Tirhut. In Tirhut and the west they are thuntā, in Patna and Gaya ভুলা khuntā, and in South Bhagalpur and South Munger ভুৱা khuttā. In South-West Shahabad they are called ভ্ৰম্ম khambhā.
- 610. The peg in the beam which crushes the rice is THE musar to the south and west, and HHII musarā in Tirhut, Patna, Shahabad, and South Bhagalpur. In Saran, another name is UNTATI paharuwā. In South Munger, Patna, and Giya it is HHIZ samāth or HHIZ samauth and HHIMI samauā is the iron ferule round its tip.



A Native Rope Walk.

- 611. The axle is generally অন্তান akhaut or আনীনা akhautā, local names being মানা mānjhā in Champāran and North-East Tirhut, and ভাষা danda also in North-East Tirhut. In Patna it is বেকী ranakī, in South Bhagalpur অধকাৰে askalai, and in South-West Shahahad ভাষা sārā.
- 612. The hollow wooden bed in which the rice is crushed is बाबरो okhri north of the Ganges, or as a local variant बाबर okhar in North East Tirhut and the north-west. बाबरो okharī and सुन्ते bhundo occur also in South Bhagalpur, and उबरो ukharī in South Munger. In South-West Shahabad it is कांडो karrī in the rest of the district सुन्या bhuriyā, in Gaya सुद्दे बाखरो bhuiñokharī, and in Patna सुन्ति bhunraki or युक्तो ghundī. The stick used for stirring the grain while it is being pounded is in Gaya and South Bhagalpur उन्हा thekarā.
- 613. The hand-rail which the workman grasps is अख्यम astham north of the Ganges and यमनी thamani or अखानो algani in South Bhagalpur. It is टँगनो tangani in Patna and South Munger, also अङ्गनो arāni in South Munger, and इस्थी hatthī in Gaya. In Shahabad a rope (रसा rassī) is used.
- 614. The ped I or place where the worker rests his foot is पौर्ष paudar in Patna and Shahabad, पङ्चर pachhahar or पङ्ग pachhār in Sāran and Champaran, पुरुष्ण puchharā in North-East Tirhut, पर्दोश pachhaurā in South-West Shahabad पङ्चा pachhuā in South Munger, पङ्गा puchhāyā in South Bhagalpur, पोद्धी ponchhā in Gaya, and जातमरा latamarā in North-West Tirhut. The pit into which this is depressed is in Gaya गोरपीरी gorpaurī, and in South Bhagalpur गाना gatto.
- 615. This implement is practically the same as the lever for breaking bricks, for an illustration of which see § 431.

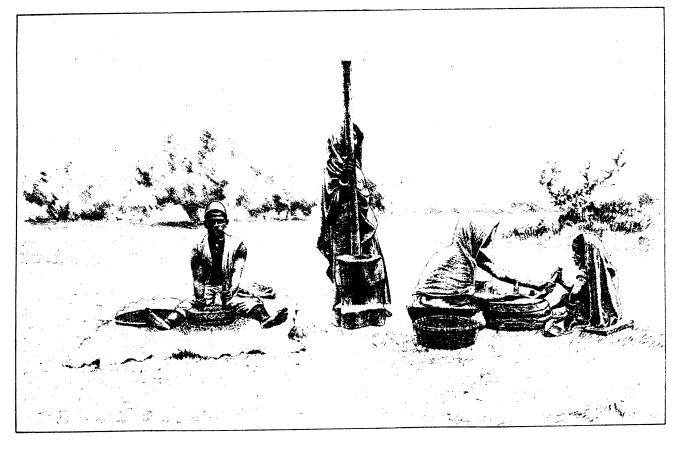
# CHAPTER III.—THE PESTLE AND MORTAR USED FOR HUSKING GRAIN.

- 616. The mortar is ओखरी okhari generally, local variants being ओखर okhar in North-East Tirhat and Shahabad, आखरा okharā in South-West Shahabad, and ओखनी okhalī in Gaya. In Patna an optional name is कुरदन kuradan, and in Saran धनकुट्टो dhankuttī.
- 617. The pestle is Hat musar to the West and whis samath to the east. In Patna both words are used.

618. The iron ferule at the bottom of the pestle to prevent it splitting is बाम sām, or in Patna, Gaya, and the south-east समीचा samauā, and in Saran optionally समया samayāñ.

# CHAPTER IV .-- THE HAND GRINDING-MILL.

- 619. This is known as जाँत jānt, जंतवा jantwā, or जाँता jāntā. This is worked by two women. The smaller kind, used for breaking pulses and worked by one person, is चनरो chakarī generally, or चन्नो chakkī to the west. North of the Ganges चन्ना chakulā is a mediumsized one.
- 620. The upper stone is ভাষাীতা uprautā, and the lower stone ন্যীতা tarautā, and also south of the Ganges বলীতা talautā.
- 621. The handle of the large variety is ত্যেই hāthar in South-East Tirhut, and elsewhere ত্যা or ত্যুই hatharā. In Shahabad it is ভ্যা jūā. That of the smaller variety is ফুটা khūnti. The axle is কিলা killā or (in South-East Tirhut) কাল kīl; and the feeding channel, মৃত্ত munh generally; also মালা gālī in Shahabad, Gaya, and South Bhagalpur, মলা gallī in Saran and North-East Tirhut, মলাভা galausī in Champaran, ভাইত khoñich or মাল্যাই galiyāri in North-West Tirhut, মলা gatto in South Bhagalpur, and ভাইয়া ghariyā in South-West Tirhut.
- 622. The handful of grain poured into the mill is मौक jhīnk local variants being भौका jhīnkā in Saran, Patna and South-East Tirhut and भौका jhīkā in South-East Bihar. In South Bhagalpur it is also जायो lappo.
- 623. The wooden seat on which the woman sits is पीटा pirhā. A local variant is पीटी përhī or (East) पीटिया pērhiyā. A similar mud seat is ब सनी baisanē, or in Champaran ब उनी baithanē, and in South-East Tirhut ब सन baisan. In South Munger it is ब सना baiskā, and in South Bhagalpur ब सनो baisko.
- 624. To roughen the stone with a chisel is north of the Ganges टाँगब tangab or द्राव tāngab to the west and जूटब kūtab to the east. South of the Ganges, to the west it is जूटल जाइब kūtab jāib, and to the east जुटाएब kutācb or क्टिदेब kūtideb. The man who does this is called जनजूदा janākuttā. He uses a chisel, छनो c'heni, and a hammer, प्राथा thapuā or ह्योरी hathaurī.
- 625. The act or profession of grinding corn is पिसान pisan प्रियम pisana, or in Champaran पिसना pisanā, and in Gaya पिसार pisāi



PULSES (Chakri)

MILL-STONE FOR PESTLE AND MORTAR (Okhri).

FLOUR-MILL (Jant)

and its wages पिसाइ pisāë. A well-known proverb is आरक्षी पटना जोड़ा एक जाँत, jaīchhī patna joṛā ek jānt,—'I go to Patna for a pair of mill-stones,' something like a Newcastle-man going to London to look for coals.

## CHAPTER V.—The GRINDSTONE FOR SPICES.

- 626. This is स्वित्तवर silarat or सिलीट silant, and in Saran सिलावर silāwat; also in Patna, Gaya, and South-East Tirhut कील sīl. To the south-east it is also पाटी pāti.
- 627. The stone roller used with it is and lorhā to the west and another name is as battā.

### CHAPTER VI.-THE ROLLER FOR MAKING PASTE.

- 628. The rolling-pin is वेलना belanā ; also बेलन belan in Patna.
- 629. The paste-board is ज़ीकी chauki to the west and पक्ता chakala to the east. In South-East Tirhut another name is पकीका chakola, in Gaya चौकल chaukal, and in North-East Tirhut चक chak or चांक chāk.
- 630. The dry flour sprinkled on the board to prevent the past sticking is पर्यन parthan generally, with local variants पर्यनी parthanito the west and पर्वेचन palethan in Patna and South Munger. In South-East Tirbut it is optionally called माङ्ग mārā.

# SUBDIVISION II. DOMESTIC FURNITURE.

# CHAPTER I.—STOOLS.

- 631. Stools made of bamboo or reeds are माँदा monrhā when large, and माँदिया monrhiyā when small.
- 632. When made with a woven twine seat, a wooden framework, and four legs, they are called मचिया machiyā. Another name is मचीला macholā, current in Champāran.
- 633. When it has three legs, it is called fauts tipāi north of the Ganges, and auts tepāi or aus tepāi south of it. In Shahabad a three-legged stool is called unench.

- 634. A wooden stool is, according to size, uীঢ়া pīrhā (large), ঘীটো pīrhī or ঘিটি pirhi (smaller), and ঘিটি pirhiyā (smallest).
- 635. The wooden platform for sitting, sleeping, or bathing is when large, तखतपांच takhatpos, and when small पटरा patarā. चौकी chaukī is used for both large and small kinds.

#### CHAPTER II.—THE BED AND COT.

- 636. A bed or cot is खाट khāt, खटिया khatiyā, or पलक्न palangā. When an ordinary bed, it is specially called चारपाइ charpaï or चरपाइ charpāï, and when a cot, खटोला khatolā or खटोलो khatolā; also in South-East Tirhut खटला khatūlā. Another name is, पल गिया palangiyā or पल गरी palangarī in Shahabad and South Munger; another name is सजेबा sajeā or सेजिया sejiyā, which is used principally in poetry.
- 637. The pillow is तिक्या takıyā or ताकेंग्रा takeā, also मेर्ग्रा geruā in East Tirhut and किए। ना or सिहीनी sirhāni in Tirhut and the west. The bolster is बालोस balīs, बिल्ला balīsā, or (in South-West Shahabad' बिल्ला bilasta. The side bolsters are बाली तिक्या baglī takiyā, and the heavy thick bolster for resting the back against is मसनद masanad or भी तिक्या gau takiyā. The bed clothes are बिहामीन bichhāna बिह्मीना bichhanaā, or गेटम getam. The mattress or its equivalent is तीसक tosak. In Tirhut महिल्लाकी ochhāna or महिला ochhanaā are the bed clothes over the body. A patchwork quilt, &c., worn by the profer orders is गेर्ड्स gendarā, (also in Champaran and to the east) दिम्हा khendhara, or सीननी sojni in South Bhagalpur, Patna, and Gaya, खेनरा khenara or सुननी sujni in Sāran and West Tirhut, हेंद्रा lendra in Shahabad, and गुद्रा gudara or खेना lewā to the west generally. In South Bhagalpur it is भोषरा bhotharā. See also § 731.
- 638. The legs of the bed are पौद्रा pauā, पाया pāyā, or पाता pāwā. The side pieces are पाटी pātī or पटो pattī generally, also पानी pāxī in Tirhut and South Bhazalpur. The end pieces are चूर chūr or चूल chūl. The head of the bed is सिद्दाना sirhānā or सिद्दानी sirhānī north of the Gauges, also म्यारी murthārī in North Tirhut and सिर्मा sirmā in North-East Tirhut. South of the Gauges it is सिर्द्दाना sirahānā (Shahabad also सिर्दान sirahān) or म्रयारी murthārī, also सिर्दानी sirwansī in South Bhagalpur. The foot of the bed is गोर्थारो gorthārī or गोरथिया gorthariyā. In Shahabad it is गोड़नार gortār, and in Sāran गुनथारी gunathārī; also गोननारो gonatarī north of the Gauges generally and in South-West Shahabad, पथीनो pathaunī in South-East and

प्रधाना pathānā in North-East Tirhut. South of the Ganges we find optionally पैताना paitānā in Shahabad and Patna, पौताना pautānā (also in South Munger) or पोषानो pothāni in Gaya, and पौषाना pauthānā in South Munger.

639. The network at the bottom is fagigat binawat or fagig bināi, or in East Tirhut घोराइ ghorāi. In Patna and Caya it is बोनन binan or विनौट binaut, in Shahabad विनाव binaw, and घोरन ghoran in South Bhagalpur and South Munger. When this is made of one string, the bed is said to be ए कविषया ekabadhiyā; of two strings, हो विध्या dobadhiyā; of four strings, चौविध्या chaubadhiyā (west); and of six strings, इन्चिया chhabadhiyā. In South Bhagalpur the words एक-गोटिया ekagotiyā, दुगोटिया dugotiyā, चरगोटिया charagotiyā, and इगोटिया chhagotiyā are used. In South Munger they are एकजोरिया ekujoriyā, &c. The strings at the bottom by which the netting can be tightened at pleasure are आइचन orchan or ओइइवानी oradawānī in Tirhut and the west. In Saran and Patna they are ओरचन oraclan or ओरवाइन odawain. In the east they are अर्डिश aranch. Other local names are आनचन onachan in South-West Shahabad, ओहाइन odāin in Gaya, अहेबाइन ardawāin to the east, ओहान odan in South Munger, and बाध badh or सतान gitan in North-East Tirhut. The thick rope at the foot to which the netting is tied is विधवानी sidhawāni in the north-west; also माँही mānhi in Champāran. In South-East Tirhut it is अजवादन ajawāin. In Patna it is माद māin, in Gaya में आर meār, in South Munger माइन māin, and in South Bhagalpur बान bān or में न māin. Elsewhere it is also called आरहवानी ordawani. The string tied to the side as the netting is being made is बर्बा baruā in the north-west and south. In Tirhut and the east generally it is जोका oj hā, or in South Bhagalpur also जमौजा jamauā. When the netting is finished this string becomes useless, and villagers believe that if it be thrown across the door of a house the members of that house will quarrel amongst themselves. The sin sog or sin sok are the large spaces in the netting along the frame of the bed.

# CHAPTER III.—THE WEIGHING-SCALES.

640. The large fixed scales are হাবল rātal. local variants being বাবেল rātul in Shahabad and হাবেল rātan in North-East Tirhut. In South Bhagalpur they are কাঁৱে kāntā, which elsewhere means the small scales. Another name in the same place is মৰকাঁৱে mankāntā. The small scales are বাবে tarājū, local variants being বাৰ হ tarjūš

in the north-west, বৰে tarajū in East Tirhut and South Munger, and বৰে আ tarajūā in South Bhagalpur. Other names are কাঁহা kāntā and হকীৰ takaurī in the west and Patna and Gaya, and परিযানী pariyānī in Patna and Gaya, which principally refer to goldsmith's scales. In South Bhagalpur নুৱা tāl is a weaver's scale for weighing thread or cotton.

- 641. The pans of the scale are uলহা or (in Patna and Gaya) ঘলভ়া palarā. In South Bhagalpur they are also called ভলনী dalanī or uলা pallā.
- 642. The strings of the scale are called ননী tanni (except in the east), a local variant being নানা tānī in Gaya. In the east they are জানা jotā or (in South Munger) জানা jotā. In Patna optional names are ভাষা dorā and ৰাঘা bādhā.
- 643. The weights are बटाइरा batakhara or बाट bāt. make weight put into one scale to make the balance true is पर्वश pasangha local variants being (East Tirhut) पासंघ pāsangh and (Patna, Gaya, and South Bhagalpur) पर्वश pasangā. In Patna and Gaya and South Munger it is also called धारा dhārā.
- 644. The beam of the scales is उड़ी dandī. In the south-east the beam of a jeweller's scale is नित्तो nittī or नित्ती nīktī. The indicator is सूद sūï.
- 645. A false balance is नेवत newat or नेवता newtā to the west and in Gaya. In East Tirhut it is जैवत lewat, and in Champaran नवता nawatā. In South-West Shahabad it is जीयत jīyat or जीता jitā, and so also in Gaya and South Munger. In Patna and Gaya it is म्ह कत jhukatā, and in South Bhagalpur जीती joti.

# CHAPTER IV.—NETS.

646. A small fisherman's net is जाल jāl or जाती jālī, and a सहाजात mahājāl is one of a larger size. North of the Ganges and in Shahabad a जुरेल kurail is a net fixed in the water with six sticks and worked by one man. In South Bhagalpur it is खरेल kharail. A similar net with three sticks is विचारी bisārī north of the Ganges and in South Munger; also विचारी bisari in Champāran, and विचार bisār in Champāran Gaya, and South-East Tirhut. In North-East Tirhut, however, it is called खनचारी khansārī, and in South Bhagalpur चौंचा chaundhā. A casting-net is पंत्रेल phekail in Patna, Gaya, and Sāran, उप khep to the west, and चुमीचा पाल ghumanā jāl in Tirhut and South Munger; also

in North-East Tirhut खिप्यार khapiyar. In South Bhagalpur it is पेका phekā. The iron or earthen sink-balls attached to it are बहिन्द batiwan and azan batawan to the west, and util paunri in North-West In South Bhagalpur they are Hiteut bhontiyā. A net attached to two poles and worked by two fishermen is sign donner in Patna, Gaya, and the west, and sit dong in Champaran. Other fishing-nets are बतेनी ghanaili and पचर pasrā to the west, and शिरमिरा girgāirā, a small variety, used in Gaya and the south-east. In the same district and in Champaran आका okā is a bag dragged through the water for catching fish. In Champaran and North-East Tirhut टापी tāpī, in Shahabad डाप tap, and in South Bhagalpur आरसी arasi. is a kind of bamboo fish-net, and बाँच gānj or बाँची gānjī is a horn-shaped baske t for catching fish. The man who works the last is called notice gajawah. In this connection may be mentioned a fish-trap used in Gaya called चित्रीं chilaund (see, however, § 605). Fish caught in this are kept in a pit, called styr āpā. A kind of pit used for catching fish is called in Gaya परका pharkā. A net for catching birds is घनी ghanī north of the Ganges; also पान phan or पानी phani in Champaran and Tirhut, and पाँदा phanda in Shahabad. South of the Ganges the बटियारी batiyari is a net used in the daytime, and TIGE chatar one used at night for catching birds.

- 647. North of the Ganges the mini jholā or mini jholā is a net used by cartmen for feeding bullocks. To the west it is mini jhorā and elsewhere south of the Ganges जाता jallā. जाता jālā is a net for carrying grass. A local variant is जाता jallā in Sāran and South Munger. In South Bhagalpur it is aut kapāi.
- 648. To the west (including Patna and Gaya), and in Tirhut দৈনত sikahar is a net for hunging up pots, &c., in a house, Other names are আনি sīnkā (Patna and Gaya), আনা sīkā (Sāran, Champāran and the east generally), and আন sīk also in North-West and South Rast Tirhut. তালী khānjī in North-East Tirhut is a net for holding fruit.
- 649. The stick or rope for hanging up clothes is अर्गने aragenī in Sāran, Champāran, Patna, and North-East Tirhut, अरगने araganī in Shahabad and Tirhut, अस्मनी asaganī in Tirhut (optionally), Shahabad, Patna, and Gaya, and रंगने regani in Shahabad. Other names an टंगन tanganā in Patna, Gaya, and South Munger, टंगने tanganī or दीन daunī in Patna and South Bhagalpur, and चिया iiyatā in Shahabad 88B. & J.

A frame used for the same purpose is seen thatari to the west and settle chhatari in North-West Tirhut.

- 650. A cord net for carrying goods on the head is small jalakharā in West Tirhut and to the north-west, and small jālā in Shahabad, South Munger, and Tirhut. In the south-east it is small jallā.
- 651. The net used by bearers with the sling pole (बहुंगी bahangi or, in North-East Tirhut, बहुंगा bahingā) is generally सिक्ष sikahar, but सोका sīkā in the south-east, सिका sikkā in Gaya, and सोक sik (optionally) in North-West and South-East Tirhut.

# CHAPTER V.—THE PAD USED FOR SUPPORTING WATER-POTS &c., ON A WOMAN'S HEAD.

652. This is बिट्डा bitthā, बीटा bītha, or बीटो bitho to the west and in West Tirhut. In Patna, Caya, and the south-east it is नेटो netho or नेट आ nethuā. Another name is मंड् आ genruā to the west and in Gaya and South Munger, मंड् जी genrulī in Patna and Gaya, and मंड्डी genrurī in Tirhut. Another name (only noted north of the Ganges) is विडिया binriyā in Champāran, विड्डो binrari (a small kind) in Sāran, बॉड़ो bīnro in East Tirhut, and विंड्डा binruā in Tirhut generally; yet another name is जज़री lajurī in South-West Shahabad.

# CHAPTER VI.-THE STICK.

- 653. The ordinary long stick is बाडो lāthī (also बड lath in Patna). Other names are बीर laur (north of the Ganges) or बोडर lāur to the west, and बडका satakā north of the Ganges. The butt end of this is बूरा hūrā north of the Ganges and in Patna, हुरी hurrā in Shahabad and the south-east, इत्या hutthā in Gaya, and गोचा goā in South Munger optionally.
- 654. बाँटा sontā or बांटा sotā is a stout short stick. It is also called बाटा dantā, and in Champāran बटोबा dataukā. A thin stick is कही chharī, and to the west, including Patna and Gaya, मोजो gojā. Other names are काकन chhākān in Champāran and North-West Tirhut क्रियो chhākan in South Bhagalpur. A thick walking-stick is क्रियो dan, and also, to the west, जबहा labadā and a similar one, used includive by old or lame men is उच्चा thenghuni. This last is also thegunrā in Champāran and Nest Tirhut, उम theng or

same district. In South Bhagalpur it is दानी thengani, and elsewhere देशी thengi. वेसाखी besākhī is a crutch. In Shahabad पटकव pıtakan is a walking-stick. A piece of split bamboo used as a stick is पट्टा phatthā, पटी phatthī, or पराठी pharāthī. It is also called वंसपट्टा bansphattā or वंसपेटा bansphentā in Patna and Gaya, and बत्तो hattī in the south-east. A heavy stick is वाँग bong, or to the north-west वजर वाँग bajar bong.

655. The following Hindi lines in praise of the stick are very popular in Shahabad, a district famous for its club-men:—

साठी के गुन बहुत ह सदा रिख्ये सङ्ग ।
गहिरी निदया नाम जहं तहां बचावे अङ्ग ॥
तहां बचावे अङ्ग भपट कुत्ते की मारे ।
दुसमन दावागीर हो उन के मस्तक फारे ॥
कह गिरधर किव राय बात बाँधो यह गाँठी।
कमर किये तरवार हाथ में राखो लाठि ॥

Lāthi men gun bahut hain sadā rakhiye sang, Gahirī nadiā nala jahan takān bachāwe ang. Tahān bachāwe ang jhapat kutte ko māre, Dusman dāwāgīr ho un ke mustak phāre. Kah Girdhar kabi rāy bāt bandho yah gānthī, Kamar liye tarwār, hāth men rākho lāthi.

A stick has many virtues, you should always have with you:—
If the water in a river or canal is too deep, it saves your limbs.
It also at once saves you by hitting dogs,
And if you meet wicked enemies it can dust (lit. trans.) their heads.
Saith Girdhar, the prince of poets, Ever bear this in mind
Wear a sword in your belt, but carry a club in your hand.

# CHAPTER VII.—BOXES.

656. North of the Ganges बहुख sanākh or (in Sāran and South Munger) सन्दा sandākh is an ordinary box. South of the Ganges it is सन्दा sandāk, and in Patna and Shahabad सन्दा sanāk. A small box is कार्तीर kanator or बाक्स bākas (box). South of the Ganges it is संदुक्त sandukachā, or सहस्ता sandukachā, the latter chiefly in Shahabad and the extreme east. पीता pautā or पीती pautā, or (in South

Bhagalpur) पाँतो pauntī, is a little box made of bamboo slips, and सोना monā (Champāran) or मौनी maunnī are similar ones made of straw or of bamboo slips.

- 657. पेटाटा petārhā or पेटाटी petārhī, and also south of the Ganges पेटारा petārā or पेटारो petārī, is a light travelling box or basket for clothes, &c., carried by a man on a sling bamboo, as in the proverb थाकल बरह के पेटार भारो thākal barad ken petār bhārī,—for a tired bullock even a basket is too heavy. Other names are बखारी sakhārī in South-East Tirhut and भाँपो ihāmpī south of the Ganges and in Champāran. The sling bamboo is called बहेंगी bahangī, or in North-East Tirhut बहिंगा bahingā; also सदला suilā in Champāran and North West Tirhut, and खिक्यटर sikpatāi in East Tirhut.
- 658. The ভিৰিষা dibiyā is a small box for jewelry or other valuables. In Patna and Gaya it is ভিৰম dibbā, and in Sāran also ভাষা dībā.
- 659. The चुनौटी chunautī is a box for carrying the line (चून chūn or चुना chunnā) used with betel. In Champāran and North-West Tirhut it is called चुनहा chunhā.
- 660. The box in two parts for holding betel, &c., is प्रवट्टा pan-battā or वेजहरा belaharā. Local names are प्रनीटी panautī (Shahabad), प्रवट्टी panbattī (Champāran and South-East Tirhut), वेजहरी belahra-(Patna and Gaya), and विरहरा biraharā (Champāran and East Tirhut).
- 661. The box in which the व्यवस्य abatan, or cosmetic which is rubbed on the bride at a wedding, is kept is जोनी doki in Shahabad, and जातिका sogila or वनवातिका sansogila in the south-east. Elsewhere it is माजा mālā, &c. See below.
- 662. The box used by women for carrying red lead is सिंधारा sindhorā when large, and कीया kīyā when small. The box in which they carry the vermilion which they put on the parting of their hair is इंगरीटी ingrautā or वियोश kiyaurā. It is also स्थिश hingorā in North-East Tirhut and सपरी sapri in South-East Tirhut.
- 663. A HIST mālā, HIST malwa, or HIST maliya is a box for holding oil. It is also called HIST malasī in North-East Tirhut, August telahandā in Patna and Gaya, and August telbhangā in Shahabad.

# CHAPTER VIII.—METAL VESSELS USED IN COOKING AND ORDINARY DOMESTIC PURPOSES.

- 664. The vessels ordinarily used by Hindus are as follow:—
  त्वका tasalā or त्वकार tasalawā, made of brass (पोतर pētar), a
  round vessel used for boiling rice. About two sers of rice can be cooked,
  in it.\*
- 665. तबना tasali, a similar vessel of smaller size. In Shahabad it is called तौना taulī.
- 666. ৰহ আ batuā or ৰহ<sub>a</sub> battū, a vessel made of alloy [ছুৰ phūl নাৰ্ছ kasakut, or (Gaya) মাহেছ bharith]. This is used for cooking rice, and about a ser of rice can be cooked in it. It is comparatively higher and narrower than the নাৰ্ছা tasalā.
- 667. बटलोही batalohi or (north of the Ganges) बटलो batuli, a smaller similar vessel, used for cooking pulse or meat.
- 668. utant patili of copper (at a tambā) or alloy. It has a narrow flat mouth, and is used for boiling meat.
- 669. इन्हा handā, होंद्रा hanrhā (Patna and the south-east), खरखण्डा kharakhandā (Gaya), or खंखरहरा khankharaharā (Champāran and North Tirhut), is a very large copper vessel for boiling rice. When used by mendicants (पन्तीर phakīr) it is called by them डोक्स tokanā.
- 670. तामो tāmi or तिमया tamiyā, is south of the Ganges a large brass vessel, broad at the bottom, for cooking pulse at marriages, &c.
- 671. a six karáh. This (to the north-west and in Gaya) is a large iron pan capable of boiling as much as twenty sers of rice.
- 672. sagat baraguna. This (in North-West Bihar) is a small brass vessel with an erect rim for boiling rice, pulse, &c.
- 673. क्राही karāhī or कड़ाहो karāhī, and to the east and in Champāran जोडिया lohiyā, an iron or brass broad shallow pan with handles (क्रा or कड़ा karā), generally used for cooking vegetables.

About this vessel there is a story. Once upon a time all the people of Bhojpur, in Shahabad, were robbers. When a traveller passed through one of these villages, they used to seize his cooking-pot, saying " and all all tasela terki more,"—"Is the pot mine or yours?" If the traveller replied "Hit more," "mine,", they would set upon him and beat him and rob him of the vessel by force. If he said "all tor," "yours," they used, on his own admission, to take it from him and let him go peaceably. Thus, in any way, they plundered him. Hence the saying and all tasels for ki more has passed into a proverb, of which the application is easy to see.

- 674. वहसूना bahgunā, an iron or brass cooking-pot with straight edges and a handle.
  - 675. तमहेंची tamheri, a round copper vessel.
- 676. तवा tawā, तावा tawā, or (Patna and Gaya) ताइ tāï, an iron griddle plate.
- 677. कहोरा katorā to the south and north-east, कचोरा kachorā in Sāran and Champāran, इसा dubbhā in Sāran and Champāran बाटो bātā in Tirhut, and मेडिबाटो menhibātā in South-East Tirhut is a vessel used for eating from, with a projection at the bottom on which it stands.
- 678. The নঘনহা tasatarī (north of the Ganges and in Gaya, Patna, and South Munger), ছিড্ডা chhipulī to the east and in Patna, Unit jām in Patna, Gaya, and the south-east, and অনন্য kasatarī in Shahabad, is like the কঠানা katorā, except that it is flat-bottomed, and has no stand.
- 679. In the south-east the भारता jharakā is a deep pan for eating; the कथन पूरी kanchan pūrī, a shallow one; and the आगरेल agrails one with the edges straight and short.
- 680. The धारी thārī or धरिया thariyā, also छोपा chhīpā, and in l'atna and Gaya) खोरी khorī, is a flat pan from which food is eaten. The मलंगिया धारो malangiyā thāri has straight sides, and the मिर्नाप्री mirjapurī has curved ones.
- 681. UTTA parāt, a large flat pan like the uttl thārī, except that its sides curve gradually up to the top.
- 682. sīst thānthī or sīst tanthī is a dish like the पारी thārī but made of bell-metal (कांबा kānsā).
- 683. इन् dabbū, a brass or iron spoon, of which the bowl is deep and broad, principally used at marriages.
- 684. क्याङ्ग kalachhul or कार्ट्स karachhul is a spoon. जनस् kalachha in South-West Shahabad means an iron spoon, and क्याङ्गी kalachhi in Sāran, Patna, and Gaya a brass or iron one.
- 685. North of the Ganges and in Shahabad इनोटा chhanautā or पाना jharanā, and in Patna, Gaya, and the south अनेभारा jhanjhrāi is a cullender or iron sieve with a handle. In North-West Tirhut it is also called बनोटा sanautā, and in North-East Tirhut आंक jhānjh.
- 686. पौना pauna or (South-East Tirhut) पौनिया pauneyā is an iron cullender or straight-ladle.

- 687. The जोटा lota is used for drawing water and drinking.
- 688. The new geruā or was hathahar north of the Ganges, Patna, Gaya, and Shahabad, also and sobarnā in North-East Tirhut, and anti jhāri in Champāran, Patna, Gaya, and to the south-east, is a kind of lota with a spout (Filt tontā). It is generally made of a white alloy (um phūl). The ansatum mādhab singhā (North-East Tirhut) is a kind of drinking-vessel invented by Mādhab Singh, a former Mahārāj of Durbhanga. It is shaped like a globe surmounted by a funnel. The globe has a spout, and the whole stands on a pedestal.
- 689. ন্মছা tamahā north of the Ganges, and স্নারী jhārā south of it, is a similar vessel made of red alloy (ন্যন্ত kaskut). Both the last two are used for drinking.
- 690. अवस्तीरा abkhorā or अमसीरा amakhorā is a drinking-vessel, the sides of which are broader towards the mouth, and it is provided with a stand (गोड़िया goriyā) at the bottom. It is also called खोरा khorā. In Gaya हुम्मा dubbhā is a large cup, and in South Bhagalpur जोड़की lotakā.
- 691. Instead gilās (glass), similar to the last except that the sides are straight or only slightly curved. It sometimes has no stand and is flat-bottomed. It is, in fact, modelled closely on the lines of a European peg-tumbler, but is of metal.
- 692. বৃহা battā (Patna, Gaya, and North-East Tirhut), a kind of large metal cup. বৃহা bātā is a small one.
- 693. गगरा gayrā, or (in Champāran and Tirhut) तमचेल tamghail or तमचेला tamghailā, (in Gaya) बसनी basānī, and (in Champāran, Patna, and to the south-east) क्लासी kalasi,—a copper or brass vessel used for drawing water from a well.
- 694. ज्ञेल dol or कूंड kūnr, an iron vessel for drawing water from a well.
- 695. A small iron pan. In the south-west also used for drawing water from a well, like en dol. North of the Ganges it is also called a said lobigā.
- 696. इति chhonrh or मह का matukā, a copper or brass vessel for storing water in.
- 697. The स्राही surāhī or बाराही sorāhī is used for keeping water. जनहार jaladharī (North-East Tirhut) is a water-pot;

- 698. ञ्चलताचा aphatābā or ञ्चलताया aphatāyā, a water-ewer used for washing.
- 699. चित्रिमचो chilimachī north of the Ganges, चित्रिमचो chiliphachī in North-West Tirhut, चित्रमचो chilamachī south of the Ganges, and चित्रपची silaphachī amongst Mahammadans, used for washing.
- 700. बरपोस sarposa, एकना dhakanā, or एपना dhapanā, a cover for other vessels.
- 701. मिखवा maliyā or (Gaya) मिल्ह्या malhiyā, a small cup for holding oil. Sometimes it is made of wood.
- 702. होयट diyat or होवट diwat or चिर्कहान chirakadan (north of the Ganges), बरह्वान baradoan (Gaya), and चिरामहान chiragadan (Shahabad and South Munger), is a lamp-stand. In North-East Tirhut it is होचाँड diathi, and in South Bhagalpur हिपरा diparā or दिपरा dipaharā.
- 703. चिमटा chimatā or चिजंदा siūnthā, also चूंटा chūntā, a pair of small tongs used for arranging the fire or turning over cakes on the griddle.
- 704. संद्वी sanṛaṣī, or (to the east) बावली bawalī, or in South-East Tirhut बगुली bagulī, tongs used for removing the pot (बट, जी batulī, &c.), from the fire.
- 705. खोरना khoranā or खोरने khoranī, also बराइ sarāï (North-West Tirhut), उटकन utakan (Patna, Gaya, and South Munger), एकटा ekathā (Champāran), and जीपन lopan (East Tirhut), is an iron or wooden poker. पिरुद्धर pshakar (Shahabad) is a wooden poker.
- 706. इसाम जिल्ला imam jistā or (to the south-west) द्वावन इस्ता hawan dastā, or (South-West Shahabad) निमद्त्ता nimadastā, or (South Bhagalpur) इसाम द्वित hamām distā,—a pestle and mortar for grinding spices, &c.
- 707. पिक्रान pikadān or पिक्रानो pikadānī, also to the west and south उग्रवहान ugaladān, (in l'atna and Gaya) optionally चिर्मिचो chirmichchī, and (in South Bhagalpur) पिर्गहान piragdan, a spittoon. To the east and in Patna it is also पिरिक्रान pirikadān.
  - 708. पनदान panadan or पनवहा panabattā,—for keeping betel.
- 709. day lewā, or in Patna and Shahabad day lewan, and in the south-west of the district day leo, is ashes plastered on the cooking-pot to save it from fire.

- 710. The handful of straw, &c., used for cleaning metal vessels is a vi lunga or a strained. In South-East Tirhut it is optionally a vi nunga. In South Bhagalpur it is a nunga, and in South Munger sur nunda.
  - 711. Musalmans generally use the following vessels :-

पतीना patila, a large copper vessel for cooking rice.

पतीकी patīlī, हमची degachī, or डेमची degachī, a similar vessel smaller in size.

हैत deg or डेंग deg, a somewhat larger pot for boiling.

बचना badhana, the same as the Hindu जोटा lota, but with a spout.

वसनी badhānī, a similar vessel of smaller size.

बहोरा katorā, similar to the Hindu vessel, but made of copper.

पियाको piyālī, a cup.

पियाचा piyālā, similar to the last, but larger.

रिकाबी rikābī, a saucer.

तवाक tabāk, जिन्मा jibbhā in Champāran, or तवास्व tabākh south of the Ganges, a broad flat washing-vessel.

चिमटा chimatā, &c., the same as used by Hindus.

सर्पोस sarposa, एकना dhakanā, or एपना dhapanā, cover for other vessels.

चिलिसची chilimachi, &c., the same as for Hindus.

खपताबा aphatābā, the same as for Hindus.

तबत tasat or (when smaller) तबतरी tasātari, a broad flat dish.

सनी sens or (in South-East Tirhut) चैन sain, a broad shallow tray.

ग्रागर् gagarā, &c., as for Hindus.

स्तान lagan, a large vessel for storing water.

कराहो karāhī, &c., the same as for Hindus.

भारना jharanā, इनीटा chhanautā, &c., as for Hindus.

unus panabattā, &c., as for Hindus. The হ্যুনহান husundān or (Gaya) নুমা kuttā or নুমী kuttā is similar, and contains additional compartments for lime.

खाबदान khasadan, for keeping pan or betel, with a cover.

The खिजाबट्टी khilabattā is used for keeping ready rolled up betel leaves, with the nut and lime inside ready for use (खिझा khillā).

पिकदान pikadān, &c., as for Hindus.

सोराही soraki, &c., as for Hindus.

Lamp-stands, viz., फतील बीज phatīl soje, and in Sāran also पटील बीज patīl soje, of brass; चिराग्रहान chirāgadān, of wood; हीवट dīwat, &c., (see Hindu articles) of iron; and बहवान badawān, of bamboo slips.

तावा tāwā, &c., as for Hindus.

इस्तपनाइ dast panāh or दस पना das panā, tongs.

सिंखचा sinkhachā or चीख sīkh; also north of the Ganges गाज gaja spit.

हन् dabbū, as amongst Hindus.

#### CHAPTER IX.—EARTHEN VESSELS.

- 712. The number of these is very large, and varies in each district. The following list does not profess to be exhaustive. It is in alphabetical order.
- 713. When a new earthen vessel is taken into use, it must first be used by a member of the family and not by one of the servants of the house; otherwise it is considered impure. This is considered as a dedication of the article to family use. To dedicate an article thus is ভাষাৰ urāhab, or in South Bhagalpur ভাষাৰ urhāeb, and in Sāran ভাষাৰাৰ urāol or ভাষাৰৰ anwāsal.

East Tirhut it is made of brass. In North-

ज्ञास्त atharā, a pan for making dough. ज्ञासी athari is a smaller one used (in Gaya) for holding water, washing clothes, and roasting poppy-flower cakes.

अञ्चल adhakar (east), a vessel used in distilling.

ख्यादा abakhorā, a drinking-vessel.

कंटिया kantiyā or कटिया katiyā, a little vessel with a long neck. Cows are milked into it.

कती kattī (Patna, Gaya, and Sāran), or गती gattī (Shahabad), a round potsherd used by boys in playing.

कपटी kapatī, a kind of cup.

karaī (South Munger), a water-vessel with a spout.

करना karanā (Sāran), an earthen vessel in which milk is boiled, also (North-West Tirbut) used for holding curds.

नारवा karawā (West Bihār and South Bhagalpur), a water-vessel with a spout.

करिया karahiyā, for boiling milk=कराही karāhī.

butter ( $\mathbf{z}_{\mathbf{z}} ghy\bar{u}$ ) is cooked or milk boiled.

क्षासा kalasō, कासी kalsi=a चेता ghailā, especially when ornamented with lime and colours at weddings, &c.

कासतार kasatarā (south-east), a saucer for holding curds.

कसतरी kastari (south-east) = तसतरी tasatari, q.v.

कूंड  $k\bar{u}nr$  (west and Patna), a large vessel for holding grain and food.

কুৰে kūnṛā (north of Ganges), an earthen vessel in which sweetmeats or balls of rice mixed with sugar (ক্ৰাই kasār) are given to daughters when going to their father in-law's house. In South Bhagalpur it is ক্ৰো kundā.

क्राह्यिः kurhıyā (South Bhagalpur), a small vessel for milk.

নুদ্ধে kundā (Champāran, Shahabad, and South Bhagalpur), a large flat jar. See also কু' ভা kūnṛā.

कोहा kohā or पहुन्ती patukī, a small round wide-mouthed vessel for curds, or for cooking. कोडिया kohiyā (Gaya) is a smaller variety.

खपड़ा khapara, tiles.

earthen griddle for making bread or parching grain. When used for parching grain it is made by breaking off the top of a चैं जा ghailā, but that used as a griddle is specially made by the potter. In South Bhagalpur it is also called चिंद्या chariyā.

खपरीका khapraurī (Gaya and West Tirhut), a pot for removing the afterbirth, &c., when a child is born.

स्ताची khalachī (Shahabad), a little platter.

खापदि khāpari. See खपड़ी khapaṛi.

खादा khāwā (South Munger), an earthen cooking-vessel.

ala khikhi (Tirhut), a vessel for holding oil.

an khūm (Patna), a large flat jar

round earthen vessel used by saltpetre-makers (ने(निया noniyā) for holding the mother liquor; also (to the east and in Gaya) a large jar used for various purposes.

सगरी gagarī, a vessel used for drawing water.

गत्ती gattī,—see बत्ती kattī.

गमजा gamalā, a flower-pot.

गुड़की gurakī, a drinking-vessel, epecially for drinking spirits.

घड़ा ghard,—see चे जा ghailā.

चरिल gharil,—see घेला ghailā.

चरिया ghariyā (Shahabad), a drinking-vessel.

बुची ghuchchā (Sāran), a little dish with a narrow neck.

द्वारको ghurili, a little vessel with a narrow neck.

चेबा ghailā, चैलो ghailī, चड़ा gharā, or चरिल gharil, a vessel for holding or drawing water. (See बसनी basanī, डावा dābā.)

चटी chatti (Patna and Gaya), an earthen cooking-dish.

चित्रा chariyā,—see खपन्डो khapandī.

ব্ৰুৱা charuā, ব্ৰুৱ charuī (south of Ganges), a vessel for holding grain or for cooking = ব্ৰুৱা cheruā.

বিনাৰী হ'বি chikani hānṛi, a vessel for cooking vegetables, pulse &c. After using it for several months it becomes polished and durable owing to the oil and butter cooked in it.

चिराक chirāk (South Tirhut and the west), चिरास chirāg, a lamp-saucer.

चित्रम chilam, the bowl of a pipe.

चक्रो chukari (south-east), a drinking-vessel.

चक्ती chukanī (Gaya), a small earthen jar.

चुकाइ, चुकाइ chukkar, a vessel with straight sides and a very short neck, used for drinking.

चुका chukkā, a drinking-vessel.

चेदजा cheruā, चेदरें cheruī (north of the Ganges and east), an earthen cooking-dish or for holding grain = चदजा charuā.

चौपो chanmpi (Patna and Gaya), an earthen vessel in which milk s boilled.

ह्यान chhanān (Tirhut, Patna, and Gaya), a vessel with cloth at the top for straining toddy.

क्राँ chhonrh (to the west), a large earthen jar.

क्रोंड़ो chhonrhi (north-west), a vessel for keeping water or grain.

चाला jālā, a water-jar.

कार्या jhajjhar, a croft for keeping water.

mati habahī, an earthen vessel into which cows are milked.

भारो jhāri, a vessel with a long spout.

टरिया tariyā (Champāran and the east), a small oil-pot.

टाइ tār, टाइा tārā (Gaya), an oil-pot. A smaller variety is टाइो tari.

टर या tuneyā, a drinking-vessel.

द्वां tūān. द्वें tuīn (Patna and Gaya and South Munger), a drinking-vessel with a spout.

टे हरा teharā (Gaya and South Bhagalpur), a kind of pot for milk.

टॉटिया tontiyā, tile used as a water-spout at the eave of a house.

डिलिया thiliyā, a vessel used for drawing water.

ंडबरी dabarī,—see डिबरी dibarī.

डावा dābā, a vessel used for drawing water smaller than a वसनी basani and a चेला ghailā. In South-East Tirhut, used for boiling milk.

डिनरो dibarī, and also in Shahabad डनरो dabarī, same as उन्हल sānahak, but smaller.

दक्ता dhakanā or (east) टाक्ति dhankani, a cover for ether vessels. टक्ती dhakani is a smaller one.

CHAT dhimaka (South Bhagalpur), a saucer used as a covering for other vessels.

त्वकटो tarakattī, the vessel in which palm-juice (ताको tārī) is collected at the foot of the tree.

त्वाक tabāk (Patna and Gaya), a little platter (generally of iron).

सस्तरी tasatarī, a saucer used by Muhammadans. When made of brass, also used by Hindus. Cf. क्यतरी kasatarī.

att tāi (south of Ganges and Champaran), a griddle for making bread; a kind of shallow pan, with an edge for lifting it up by.

सेवचाँकी telahanre, सेवच्चा telahanda, a vessel for holding oil.

নবাৰ telāy, an earthen vessel for cooking oil or clarified butter অু(ghyū).

तौता taulā (north of Ganges, Gaya, and the south-east), a large earthen dish for cooking.

चपरी thapari (Patna and East Tirhut), a vessel for measuring milk.

द्वकान dabakan (Gaya), a saucer used as a cover for other vessels.

ट्यास dawāt, an ink-stand.

चाल thal, a platter.

इंड्रे dahenri or (Patna and Shahabad) इंड्रे dahari, for holding tyre (इडी dahi).

दियरी diyari (north of the Ganges and south-west), दियारी diyāri (North-East Tirhut), a very small lamp-saucer.

दिखरो diuri or दिखली diuli, a very small lamp-saucer.

होप dīp, a lamp-saucer.

होया dīyā, a lamp-saucer.

Fill diri (south-east and Gaya), a very small-saucer.

En deg, a cauldron.

निद्या nadiyā, for keeping tyre (दही dahī).

नदोद nadoi (Gaya), an earthen cooking-vessel.

निया nariyā, a kind of tile (खपड़ा khaparā).

नाइ  $n\bar{a}d$  or (east) जाइ  $l\bar{a}d$ , a large earthen basin or bowl used as a feeding-trough and for other purposes.

पतिला patila (Saran, Patna, and South Munger) or पतीला patila (Saran and Gaya), an earthen cooking-vessel.

पत्ता patuki (west), a small round wide-mouthed vessel for keeping tyre or for cooking.

पनचोरा panachorā (south of Ganges), a vessel used in distilling.

परका parackhā (West Tirhut), a large jar for water.

पदाइ parāi (South-West Shahabad), a saucer used as a cover for other vessels.

परिया pariyā (Patna), a saucer used as a cover for other vessels.

पिटौबा pitauā (Patna), a small earthen pan.

पियाचा piyālā, पेचाचा peālā, a drinking-oup.

yel phuchchi (South-East Tirhut), a vessel for measuring milk.

 $\mathbf{v}$   $\mathbf{v}$   $\mathbf{v}$   $\mathbf{v}$   $\mathbf{v}$   $\mathbf{v}$  (South Bihār), a saucer used by Musalmāns in feasts of the brotherhood.

वधना badhanā, a water-vessel with a spout.

वरका barukā (South Tirhut), a drinking-vessel.

बसनी basanā, a vessel for holding or drawing water, smaller than a देशा ghailā and larger than a दावा dābā.

बहुन्। bahanā (Patna and South Munger), a large flat jar.

विधार bithar (Patna), a large dish.

समका bhabhakā, a vessel used in distilling.

भक्का bharukū or भक्की bharukī, a drinking-vessel.

Hist bhan  $r\bar{a}$  or His bhan r, a vessel with a neck for milk or clarified butter ( $\mathbf{z}_{a}$ ,  $ghy\bar{a}$ ).

सरका bhurakā, सरकी bhurakī (in Tirhut), a drinking-cup.

भोनद्दी bhojaharī (south-east), an earthen dish used by Musalmans at marriages.

मंत्ररा mangarā, the tiles along the ridge of a roof.

सटका matakā, and also (south of the Ganges and in Champāran) सट का matukā, an earthen vessel for holding water or grain.

मट्का matukā = मटका matakā, q. v.

मरतवान maratabān, मरतवान maratawān (south of Ganges), मिरतवान miratawān (north of Ganges), an earthen vessel with a wide mouth ornamented with lac (बाइ lāh).

मजना malawā (West Tirhut, Shahabad, and South Munger) or मजिया maliyā (North-West, West Tirhut, Patna, and South Bhagalpur), a vessel for holding oil. It is equally often of wood or metal.

मांट mānt (Gaya), a large flat jar.

मिरतवान miratawān = मरतवान maratawān, q. v.

मिटिया mitiyā or मेटिया metiyā, a round vessel with a short neck for water.

मेटिया metiyā = मिटिया mitiyā.

मेटा metā (South Bhagalpur and to the west) = मिटिया mitiyā, मेटी metā (South Bhagalpur), for holding tyre. मीन maun, a vessel for holding date-juice.

रमकरवा ramakarawā (South-East Tirhut and Champāran), a drinking-vessel.

रकेबी rakebī = रेकाबी rekābī, q. v.

समुका ramachukkā (Patna and Gaya), a drinking-vessel.

TIES  $r\bar{a}is$  (East Tirbut), a little vessel with a narrow neck, used for holding milk and similar purposes.

रिकानी rikābī, a saucer.

रिकेवी rikebī = रेकाबी rekābī, q. v.

रंकाबो rekābī or (Patna and Shahabad) रकेबो rakebī, or (south-east) विकेश rikebī, a saucer.

जना labanā (Patna and Champāran), a water-pot in the shape on an ellipsoid.

जबनो labani, the vessel in the shape of an ellipsoid, in which palmjuice (ताड़ों tārī) is collected from the trees.

लाइ lād - नाइ nād, q. v.

सनको sanakī (South Bhagalpur and Gaya), a saucer used by Musalmāns.

सनस्क sanahak, सनस्की sanahakī, a broad flat dish used by Musalmāns for eating boiled rice.

सर्वो sarabī (South Bhagalpur), a cup for distributing pulse, &c. from the cooking-pot. Used at marriages.

सराची surāhī,—see सोराष्ट्री sorāhī.

बेपाली sephālī (Patna, Gaya, and Shahabad), a flat earthen dish.

ETET serahā, a vessel for drinking spirits.

चाराहो sorāhī (north of Ganges) or स्राहो surāhī (south of it), क water-vessel with a long narrow neck.

देखिया hanriya, diminutive of श्रांकी hanri, q. v.

हेंचीबा hangolā, diminutive of हाँदी hangā, q. v.

इयोग hathaunā, a vessel for collecting date-juice, larger than a san labanī, used when the juice (ताको tārī) flows freely.

हाँदी hānrī or हेदिया hanariyā (small) or हेदीजा hanrolā (small), a Yessel for cooking or holding milk, tyre, &c.

#### CHAPTER X.—WOODEN VESSELS.

- 714. The কঠান kathaut or কঠানা kathauti is a large wooden dish for kneading flour. It is also called কৰে kathra south of the Ganges and to the west নমাছা tagāri in Tirhut and Champāran. ভামা dagra in Champāran and Gaya is a large flat dish made of wood. The ভকাই uldi in the west, কঠা kathuli in Shahabad and South-East Tirhut, কঠালা katholi in North-East and South-West Tirhut, and কঠলা kathli or আহিয়া arhiya in Shahabad, is a small wooden dish for scraps. In Patna, Gaya, and the south-east it is पैना paila.
- 715. The क्षकील kaskaul (Patna) किस्ता kista (Gaya and the south-east), and कंवाडल kamwandal (generally), is a wooden cup carried by mendicants. In the north-west नरियरी nariyari is an oval one. तूमा tuma, त्या tumma, or तुमा tumba, is the mendicant's gourd.
- 716. चंबती sewti or (North-East Tirbut) सौथी sauthi is a wooden platter used by sailors.
- 717. डोक्नी dokni (Sāran and Champāran) and ढक्ना dhakno North Tirhut) are small wooden dishes.
- 718. The ভাই doi or (south of the Ganges) ভাষা doa, or (South-West Shahabad) ভাষা doki or (south-east) ভাষম doid, is a wooden ladle used by Muhammadans in cooking pulse. The corresponding word amongst Hindus is, in North-East Tirhut, হাবি dābi and in Champāran হাবা dāba. ঘটনা ghatna in Gaya is a machine for stirring pottage as it is being cooked.

#### CHAPTER XI.-LEATHER VESSELS.

719. South of the Ganges the মন্ত্রা maliva is used for holding oil. In Champāran it is মন্ত্রিয়া maliya. স্কুল্মা kuppa or কুল্মা kuppi is for holding oil or clarified butter (আ ghyu). নহার nador is used in Gaya for the same purpose. In North-East Tirhut ঘারুরা dhokra is a sack used for the same purpose, as in the proverb মুকুর বাই ঘারুরা un gāra chot dhohreñ punu jān,—it's only the vessel that knows the pain (or weight) of the molasses, i.e., only he who suffers, knows the pain. মিহা gelha is a similar smaller vessel.

गेल्हा gelha or (in South-East Tirhut) चमड़ी chamri is also a vessel for carrying molasses.

720. मोट mot or मोटि moti is the large leather bucket for drawing water from a well. होत dol is the smaller one. मसक masak is the leather water-skin borne by water-carrier. इस्रो करपा dasti kuppa is the small leather bag used by torch-bearers (मस्ताची masālchi) for carrying oil.

#### CHAPTER XII.—LEAF-PLATTERS.

721. The दोना dona is a small round leaf-platter. In Patna, Gaya, and the north-west it is also called खोना khona, and in Shahabad खरोना khadona. The पत्तक pattal is a broader and flatter kind, and is also used as a kind of basket at Hindu marriages when a number of guests are to be fed. It is also called पत्रो patri in Shahabad, पत्ता patta in South Bhagalpur, and पत्रोदो patrauri or पनमाद्रा panmāra in Champāran and North-West Tirhut.

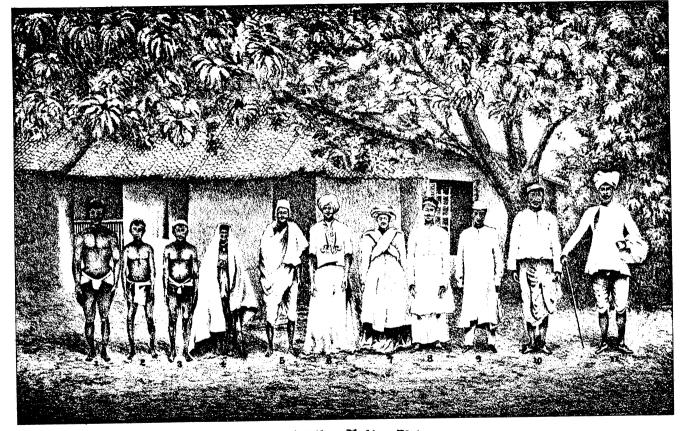
## CHAPTER XIII.—STANDS FOR VESSELS.

722. These are made of mud or brick, and known as चिर्चिटी ghirsirhi in the north-west, east, and Patna, चिर्चिटी ghisiri in Sāran, चिर्चिटी ghirsindi in Patna and Gaya, चिर्चिट ghirsir in Patna and Shahabad, and चिर्चिटी ghirsandi in South Munger. Other names are चेलारी ghailsāri in South-East Tirhut, चलवारी ghaleāri in South Bhagalpur, चलचरी ghalthari in North-West Tirhut, चलीची gharaanchi (South-West Shahabad), and चीत्रा chautra or छोटा ota (Champāran).

## SUBDIVISION III. CLOTHES AND ORNAMENTS, &c.

## CHAPTER I.—CLOTHES.

723. The general terms are आपड़ा kapra, चीर chīr, and ज्ञा lūga. The last has local variants, न्या nūga (South-East Tirhut) and ज्ञा lugga, जुड़ा nunga, or न्या nūnga south of the Ganges. Other names, current principally to the west, are पद्धावा pahrāwa, बद्धार bastar, or



A Bihar Fushion Plate CLOTHES WOEN.

- 1. Chit.
- 3. Topi blag wa. 4. Tuhbund khendhra.

- Kanjhappa, dohar. dhoti.
   Muretha, nimāstin, kulidār, paijāma.
   Payri, chaddar, juma, Ehaltedār paijāma.
   Changoshiga topi, aohkun. khaltedār paijāma.
- 9. Chaugoshiya topi, aba. churidar paijuma. 10. Bubhnuu topi, mirjui, dhoti. 11. Muretha, dhathu. kurta. chaildar. dhoti.

कपड़ा जता kapra latta. A suit of clothes is called पाँची ट्रम कापड़ा pancho tūk kapra. and consists of a turban, loin-cloth, jacket, sheet, and bathing-cloth.

724. Amongst men's clothes are-

The turban.—पात pāg, पतिया pagiya, पान्नो or पारी pagri is a piece of cloth woven for the purpose. The inner portion of the made-up turban (ब्रुत के पान्नो būt k pagri) worn by the more respectable people is called फेंटा phenta. म्रेडा muretha is a piece of ordinary cloth, or even a garment, such as the गमका gamchha. चहर chaddar, or निपटरा dopatta, worn round the head. चीरा chāra is a checked turban. A piece of cloth wound under the chin and over the head is दाउा dhādha; also गलीबी galaudhi in Patna and East Tirhut, गलमोक्षा galmochha in Tirhut and to the east and (optionally) south of the Ganges, and गलीब galjin in North-West Tirhut and Gaya.

- 725. The cap is रोपी topi or ताखी tākhi. The round cap covering the ears worn by Brāhmans is म एरा munda in Sāran and North Tirhut, नाचीवाज kāsīwāl in South Tirhut, ताच tāj in North-East Tirhut, Patna, and the west, and बमनी babhnau in Shahabad and South-East Tirhut. होपिजया dopaliya is a long cap made of two pieces, and the चरपिजय charpaliya or चौगोभिया chaugoshiya is round and made of four pieces. The कनरोप kantop, कनम्मप्पा kanjhappa (both of these also to the west and in Patna), and कानहार रोपो kāndār topi (all north of the Ganges), is a piece of cloth worn loose over the head. South of the Ganges it is कुरही kulhi or कनम्मप्पो kanjhappo (Patna and South Munger) क्राम्भप्पो kanjhappi (Gaya), and कानमोपा kanjhopa (South Bhagalpur). क जिल्ला kulhiya in Gaya is a boy's cap. चोंघा ghongha in Gaya is a wide umbrella-shaped hat of tāl leaves, worn in rainy weather.
- 726. The loin-eloth.—This is धोती dhoti: North of the Ganges and in Shahabad it is also called मरदानी mardāni, and in Shahabad, Patna, and Gaya सङ्घा lungi. The small loin-eloth is संगोटा langota or संगोटी langoti: also in Patna सङ्गोट langot. Other names are सोपिन kopin, in Champāran कोपीन kopīn, and in the south-east नंगोट nangot or नंगोटा nangota. सप्पा kappa (east) in a small cloth worn round the waist by the poor. The भगवा blagwa, or in Sāran भगई bhagoī and North-East Tirhut धरिया dhariya, is a small dhoti principally\* worn by

<sup>\*</sup> It is not always worn by boys. Compare the proberb चोरत सगदा डाही chorak bhagwa dāhī,—burn a thief's loin-cloth, i.e., disgrace him as much as possible,

boys. The fauti, or in Gaya fam thichhuti, is the scrap worn by poor boys. The small tight cloth worn hy wrestlers, and also the usual cloth tightened up to allow of free play of the limbs in violent exercise, is atet kachha or aut kachekha. Other names are utat charna (Champaran, Patna, Gaya, and the east), faz chit (Patna) समालो samāli (Gaya and the south-rest), भरकङ् or भड़कङ् bharkachh\* (North-East Tirhut), and মঙ্কাফ bharkāchh (South-East Tirhut). तहमह tahmad, or in Shahabad तहब्द tahband, and Champaran तही tahi, is a loin-cloth worn by Musalman mendicants (fakīrs). The tag of the loin-cloth tucked in behind is पिक्का pichhud or पक्का pachhua to the west. To the east it is ह का dhenka or ह किया dhenkua The loose end which hangs down in front is खूंड khant, साँची sanchi (North Tirhut), and y puchchh (South-East Tirhut). In South Bhagalpurit is कौंची konchi. The knot in the loin-cloth for holding money, &c., is with phanr, with phanra, or will phanda. They are also called Te ehent or Te tent towards the west and un pench in North-West Tirbut. Other local names are इहिड़ा harira (North-East Tirhut), एँड्हा airha or मृद्धी marhi (both South-East Tirhut).

- 727. The drawers.—These are पेजासा paijāma, also south of the Ganges रजार गंवेंग and खिसकर khiskat (apparently a corruption of the Persian के khishtak). In South Bhagalpur they are also called तमान tamān, and in North-West Tirhut स्वास surwāl (a corruption of the Persian के shalwār). According to the Kānūni Islām. the ijār and surwāl are not so wide as the paijāma. Tight drawers are चुड़िरार churidār, also चुन्त chust to the west and in South Bhagalpur. If loose at the ankles, they are मोहरिदार mohridār; also खनते दार khaltedār in Patna and to the west, बरकाबर barkābar in Gaya, and पेचरार painchedār elsewhere. If loose, with pieces let in along the thigh, they are किवार kalidār. जिंध्या janghiya are tight-fitting short drawers, such as those worn by wrestlers.
- 728. The jacket.—This is মিহলুই mirjai and also জুতিয়া আঁমজো khutiya angarkha.
- 729. The coat.—This is অস্ত্ৰা anga, আঁমহো angarkha, or ব্যক্ত chapkan. Those worn by Hindus open on the right breast, and those by Musalmans on the left, It is tied at the neck by a string, স্ত্ৰী

<sup>\*</sup> Compare Manbodh's Haribans, which is a Maithil poem. কংমান বৰ আচি মঙ্কন্ত মাহি kadamak taru charhi bharkachh māri,—(Krishna) mounted the kadam-tree and tightened his loin-cloth.

ghun li or चूं हो ghūnri, and also to the east and south सुग्रो bhundi or भूं डो bhūnri, and in South Bhagalpur सुग्रा bhundo, which runs in a hem सक्सा tukma, or (in Patna and Gaya) गाली gāli. The उपचकन achkan is a long loose coat buttoning right down the front. The काचा kābu or (south of the Ganges) कवा kaba is an outer coat open at the chest and sleeves. The निमास्तीन nimāstīn (also called नीमा nīma south o the Ganges) is a jacket the sleeves of which reach only to the elbows, while the प्रमुक्ता shaluka and सर्शे sadari leave the arms bare.

- 730. The sheet.—This is ৰাহ্য chaddar or বাহ্য chādar. This is of various kinds, viz, the হাছ্য dohar is a doubled sheet hemmed all round. The মিউম gileph, ৰজ্যা salga, or ৰৌজ khol, is similar, but is not hemmed all round, and is generally made of coarse cloth (মাহিয়া motiva). The एकपटा ekpatta or एकजाई eklāï is a sheet made of one breadth of cloth. উট্টোহা derhpatta or ইটোহা derh patti is a sheet whose whole breadth is made up by sewing together two cloths, of which the breadth of one is half that of the other. The হামহা dopta or হামহা dopatta is a sheet whose breadth is made up sewing together two cloths of equal breadth. उत्तर utri to the east is an outer garment. To the west it is used (a) for the string tied round a corpse's neck, and (b) for the mourning garments worn for ten days by the জালা karta, or person who lights the funeral pyre.
- 731. The stuffed quilt.—These have various names, according to the amount of cotton-wool in them, viz. जहाम lehāph (five or six sers); रजाइ rajāi, ने हाजी nehāli, or (South Bhagalpur) जहाजी lehāli, all of which hold from one to three sers; and the दोजाइ dolāi, चीर्ज sirak, or (in South Bhagalpur) त्राइ turāi or चीर्ग sīrag, which contain less than half a seer. The stuffing of the quilt is भर्ना bharna or (to the south) भराष bharāw or भराना bharāna. Bits of old cotton padding in a quilt are जाजा anga north of the Ganges. A similar quilt made of patchwork is गुद्रा gudra or गुद्री gudri. When made of rags it is सद्रा khendhra: also optionally in Tirhut, Patna, Gaya, and the east गुद्रा gendra, and in Shahabad जाद्रा lendra or चिद्रा ledra. See also § 687.
- 732. The long cost worn by well-to-do people is with  $\bar{a}ba$ . The kind of court dress consisting principally of flounced petticosts is with  $j\bar{a}ma$ .
- 733. The bathing-cloth, worn round the loins while bathing and used for drying the body afterwards, is named differently by Hindus

- and Musalmans. The former call it उमीहा angaüchha or ममहा gamchha, a local variant being आमहा angochha to the west. A smallar kind, or handkerchief, is अमोहा angauchhi, ममहो gamchhi, साफी sāphi, तीनी tauni (East Tirhut), or तिउनी tiuni (North-West Tirhut). The Muhammadans call the bathing-cloth सङ्गी lungi or स्नी lūngi. The इज्या hajuriya is a similar bathing-cloth worn by Hindu mendicants (बेरामी bairāgi)
- 734. The purse.—This is ऐसा thailu, ऐसी thaili, बट ट battu, बट सा batua, or बट ई batui. The भोरा jhora is a larger bag. In Gaya and to the west it is also घोषी ghoghi or घोकरी dhokri. The बगुली baguli or तिलहानी tildāni is a tailor's housewife. जीखर lokhar is the case in which a barber carries his razors, &c. The last is also called किसमत kismat north of the Ganges and किसवत kisbat south of it. The moneybelt is डॉइ। donra or डॉइइ। donrha.
- 735. The shoes.—These are জারা jora, জুনা juta (or জুনা juta), জুনা juti, or ঘনহা panahi. জিয়েহে jerpār, ফ্রেমা kharpa, or (south-east) বহনা chatka, are usually the shoes worn by women. The wooden bathing-patten with a peg to go between the toes is ফ্রেমা kharānn, ফ্রেমের kharānn, or ফ্রেমার kharānn or ফ্রেমারি kharānn) or অনুব chapta. and clog held on the feet with strings or straps is বাঘা bādha or বহু badha. In Sāran and South-West Shahabad জন্ম latri are old shoes.
- 736. The Brahmanical cord is জনব janew, জনত janew, or (to the south-east) অনিজ্ঞা janeüa. The knots in the cord are মুহ্ব parwar or মুহ্ব parwal. In Tirhut and South Bhagalpur they are also মুহ্ব parbal. The ভুৱ বিজ্ঞা sūt sikha is the projecting part beyond the knot. The length of the cord is measured by handbreadths (খীআ chaua). A Brāhman's cord is 96 handbreadths long, and so also a Rajpūt's, but the knots are different.
- 737. The blanket.—This is कामा kammar, कामा kammal, or कामा kamra. In South-West Shahabad it is also राज rāl. A small blanket is कामा kamri or कामरिया kamariya. In Champaran and the south-east प्रस् ती मेंग्र or प्रस् सा ती uses is a thick kind of blanket. प्रस्त्यो pach-hatthi is a large blanket five cubits long, and क्षत्या chhahattha or क्षत्यो chhakatthi is six cubits long. चीची ghoghi is a peculiar way of tying a blanket over the head to save the wearer from rain. In South-West Shahabad it is also called चीची ghonghi, and in Patna and North-East Tirhut का bukki. The blanket forms the subject of many

proverbs: thus ज्यों भोजे व्यों कस्मर भारि jyon bhīje, tyon kammar bhāri,—the more a blanket is allowed to become moist, the heavier it gets, i.e., delays are dangrous.

- 738. A Patch on the clothes is पेवन pewan, local variants being पेवन्द pewand south of the Ganges and पौना pauna in South-West Shahabad. It is also called पाटी pāti or परिया patiya to the east. Another name is चेपड़ी chephri in North-East Tirhut.
- 739. When cloth is doubled, the outer plece is হাৰ্য abra or (in South Bhagalpur) uলা palla and the lining হালা astar or (in Champāran and North Tirhut, নহী tahi.

## 740. Among women's clothes are-

The sheet.—This is सारी or साही sari generally, with a variant Estal saring to the east. To the west and in Patna and Gaya it is also called खिन् चा khilua. It is also called न्या luga, with, in East Tirhut, a variant, न मा nuga. In South Bhagalpur it is called वरहतथी barhatthi (when 12 cubits long), and in South Munger Tait khānri or खणडा khanda. An old torn sheet is ज्यारी lugri, as in the proverb नई घोबिनियाँ आइलि, स्नारिये साबुन लाइलि nai dhobiniyan aili luorive sahun lāili,—the new washerwoman has come and applied soap even when washing rags, i.e., a new broom sweeps clean. A proverb of similar import is नाया नोकर खरगोस पकड्तारे noya nokar kharyos pakartare,—a new servant will catch a hare, or, as they say in Ireland, a sharp fellow won't let a hare catch him. The smaller sheet worn by poorer women is जनानी घोतो janani dhoti or ज्यारी lugri. Over the माडी sari is worn another sheet, called चहर chaddar or चाहर chadar, or (in Gaya and South Munger) पिछौरा pichhaura. This may be दी गटा dopta or दीपट टा dopatta, as in the case of a man's sheet. The small sheet worn by little girls is utaget parkhanda to the west and in South Bhagalpur and Gaya वरकी barki in Patna and the south-west. It is फालिया phaliya in Saran aud North-West Tirhut, มเัสป์ ganti in South Bhagalpur, and फरिया phariya in South-West Shahabad. We also find खेरकी kheruki or खन्नी kharuki, खन्ना kheruka or खन्ना kharuka, north of the Ganges, and प्रतान putli in South Tirhut, Patna, and South Munger.

741. The hem of the sheet is generally आँचर anchar, and also अंचर anchra or अचरा achra. This is also the part which covers the bosom. The first of these words is the nominative, and the other are more properly used with postpositions. Thus दे आँचर वह नीमन वा र anchar bar noman ba,—this border is very beautiful; but अचरा में वान्य

Eth achra men bank delin, -I tied it up in the hem of my garment. The end of the sheet gathered up and tied in front is unant phuphuti, प्राप्तनी phuphuni, or प्राप्तनही phuphunhi to the west, and कोचा koncha or कोंचो konchi to the east. The pocket in front formed by loosening the part tied round the waist is wist is whoinchla, and in the extreme south-east खोणहा khoechha or खाँका khonchha, as in the proverb ब इवक कान याँ को नो धाना खोइ का burbak kanean ken nau ana khoinchha,—it's a fool of a bride that only gets nine anas in her pocket (for wedding presents). The loose fold on the left side is nimalzi gojhnauta. In the south-west it is fuelt wichhaura. When a woman is modest and meets a strange man, she draws her sheet or veil (see below) before her face. This action is called হাছা yhoghat, or in Gaya मुग्ना ghuggha, in South Bhagalpur घोषो ghogho, and to the northwest ध्रुघ ghūgh or घोघ ghogh; and when a woman wish s to be extra modest, she pulls a great deal over her face. She is then called 48 घोषट bar ghoghat.\*

- 742. चडदार chasdār is a dyed cloth with a double-hemmed border worn by women in Shahabad. In the same district मसार, masārhu is a dyed cloth used by females of the lower orders, and भिम्मकी jhimki is a cloth printed with flower patterns. क्वरेंचा kahreja is a purple, and साज sālu a red cloth, much used everywhere.
- 743. The petticoat.—This is generally जंदगा lanhga. A looser kind is चंद्रा ghanghra in Gaya and to the east, चंद्र ghanghar in the south-east, and चाँद्र ghānghar in Shahabad. The चंद्री ghanghri is a girl's petticoat. काह्य kāchha is a mode of tying it under the leg. The waist-band through which the string is run is नेपा nephu, and the string itself is द्वार बन्द ijār band, or in the case of a bride or bride. groom नारा nāra. The hem is also called कमरतोद kamartori.
- 744. The bodice.—This, if it reaches to the waist, is जुरता kurta, मूजा jhūla, or in North-East Tirhut क्यनि kasani. If it is short, only covering the breasts, it is अज़िया angiva or चोली c'oli. A similar short bodice, worn chiefly by prostitutes, is called महरम mahram. This last in North-East Tirhut is called चोली choli.
- 745. The veil or cloth worn over the head is আঢ়েনী orlini. When a veil or a sheet (বাহে chādar) has a dyed border, it is called বুৰুৱা

<sup>\*</sup> As in Manbodh's Haribans, where the wife of Akrūr, although very modest still wanted to look at Krishna when he came to the house, ৰভ ঘাঘত দুৱা নক্ষা বাছিন্ত bar ghoghat punu takalo chāhia.

chunri पुरिश chundri, and also in Saran किसकी jhimki. The border is called in North-East Tirhut पाक्षि pāri or पश्चिम pariya.

746. The drawers are पेजामा paijāma or (in North-West Tirhut) सरवाज surval.

747. Toilet requisites.—The antimony put on the edges of the lower eyelids is THI surma, and the lampblack applied to the eyeball is काजर kājar, as in the proverb ठाँव गुन काजर, कठाँव गुन कारिख thâmw gun kājar, khuthāmw gun kārikh,—in the right place it is collyrium, and in the wrong place, soot. Lampblack is kept in a box called antict kajrauta or anticl kajrauti. The coarser red lead put on the forehead and on the parting of the hair is tigt sendur or tigt senur. The finer kind placed between the evebrows is \(\frac{2}{3}\) are inqur. The silver spots put on the forehead are called tand tikuli, and the round silver spot between the eyebrows is farel bindi. The small silver or gold spots surrounding this are, in North-East Tirhut, बेनी beni or बेनीया beniva. The comb is many kakha, many kakhi, or miny kangahi. It is also कन्दा kakwa in Patna, Gaya, and South Bhagalpur. The जिल्लाइनी likhgahni is a kind of comb used in Gaya. The hair-brush is उन्हों or चनारी thakri. To the east भारती ihurni is a kind of brush made of the stem of a cocoanut leaf. A tooth-brush is इत अन datuan It is made by biting one end of a spring of wood till the fibres form a brush-Hindus use a fresh one every day, but Musalmans keep theirs for a fortnight at a time.

748. Washing of clothes.—See §§ 389 and ff.

In making clothes, the following terms are used by the tailor or darji:

पस्त pasāj is running, त रपदे turpaī hemming or felling, उस्सा urma is top-sewing, जज़ langar tacking or basting, and ज्य chān gathering. बखिया bakhiya or बखें आ bakhea is stitching, चाँपा बिख्या chāmpa bakhiya is long stitching, and जोरी दे के बिख्या dori de ke bakhiya stitching-in piping-cord. जवा jawa is a long stitch and a short stitch alternately, and कौ । पोड़ी पिख्या kānta phori pakhiya is a kind of stitching for which there is no English name. सजराव जोरी sultān lorhi is a mantua-maker's hem, चरिको sārjī is herring-boning, and जाती jāli a kind of herring-boning for joining two cloths but not bringing their edges together. द्या daraj is a run-and-felled seam. When it is narrow, it is called गोज gol; when wide, रमजपत्ती imalpatti; and when very wide, चौरा chasta. There are false hems of various 88 R. & J.

kinds. When the edges of the two pieces meet evenly, it is called पही patti; when the edge of the added piece extends beyond the edge of the main piece, the false hem is called, if it is narrow, मानी magji, which properly means the overlapping portion. If it is wide it is called सम्जाम sanjāph, When the overlapping portion is very wide, the false hem is called सम्बाम lakhanwila sanjāph, or in Shahabad सम्बाम takhnauāl sanjāph. नाम kāj is button-hole stitch, and मूस hūl eyelet-holing.

749. The thicknesses of muslin are sewn together. The under one has holes out out in it which are embroidered, and are visible through the upper one. It is used as an ornamental border. In the list similar to the silentra, except that patterns of various leaves, &c., and not holes, are cut in the lower muslin. The singhara is an embroidered scolloped or vandyked edge. It is sorāhi is a piece of calico cut into an ornamental shape and appliquéd on to the shoulder of a coat. In the lower musling an armhole with piping cord. In the shoulder of a coat wantha is a rounded collar sewn in front of the coat. A sleeve is said to be Interest churidar when it is goted to fit tight at the wrist. A gore is It ghor. There is no Bihāri equivalent for "dart," "pleat," or "tuck."

#### CHAPTER II .- CARPETS AND MATS.

- 750. A floor-cloth is कालीन kālīn¹ south of the Ganges, north of the Ganges जानिस jājim, or (to the west) प्रस् pharas. A carpet is दरो dari, or when larger सतर जन्मी satranji. A मस चा galaicha or मजीचा galīcha is a thread mat चही chatti in South Bhagalpur is a canvass mat and चाली chāli in Gaya is a coarse kind of mat made of bamboo slips tied together.
- 751. चटाइ chatāi or चटेनो chataini is mat made of various reeds or bamboo slips. A गोन्दी gonri or गोंद्दी gondri is made of the gond reed. In Paina, Gaya, and the south-west सप saph is a long gond mat used when a number of people are assembled at a marriage, &c. In the north-west it is दादा dhārha, in Soush-east Tirhut चटान chatān, and in North-West Tirhut चटान barhattha. A तदाय tarāy to the east is made of palm leaves, and a नदा taraī in Champāran of reeds. चित्रस्पादी sitalpāti is a fine mat for sleepling on in the hot weather. When a number of Musalmāns say prayers together on one carpet, it is called चानिमास jānimāj, or in South Munger नायनेमास jaynemāj; and when on a mat, it is called सप saph.

A distinction is generally made between (kalin, and "jajim" the former is de of wool, whereas the latter is a sh

#### CHAPTER III.—JEWELRY.

752. The following are some of the varieties of jewelry commonly worn:—

## a.—Worn by Men and Boys.

- 753. On the ears— बालो bāli or (in Shahabad) वारी bāri. This is a ring. Also the क्वीची kanausi (Patna and Gaya, where it is worn by Hindus only). Other ear pendents are मोती moti, गोहला gakhula (and to the west also बारखल gorkhul) (an ornamented ring), ज्यादल kundal (a large ring), जोर lor (worn principally by Goālās), and क्वाला kanbāla. चीना sona is a plain ear pendent, and अन्ती anti is a plain stud fixed in the lobe of the ear. (परकी phirki is a double gold ring.
- 754. On the arms.—The बांक bank and चौकटा chauktha are worn on the right upper arm. So also the विश्वादट bijawath or विजीटा bijautha, which is, however, more properly a female ornament. The भागना anant and सावीच tāwij. are various kinds of amulets.
- 755. On the reck.— The HIGH māla is the head necklace. The GETTE udrāchh is one made of the seeds of the GETTE rudrāchh (Eleocarpus ganitrus). The GETTE kantha is a necklace with gold and silver ornaments or sacred relies attached to it. The HIGH mungwa is a coral (HIMI mūnga) necklace, and the HIGH HIGH mohar māla or HIGH HIGH mohan māla is a long necklace of gold mohars and coral. The HIGH gop is a made of twisted gold wire, and it is also called gold ghunsi in Champāran, North Tirhut, and South Munger. The Gett sikri is a long chain going round the neck.
- 756. On the fingers.—This is अंगुठी anguthi, ए द्वा ainthua (Gaya), or बाँडी ounthi. The मोरख धन्हारो gorakh dhanhari or बोरख धंचारी gorakh dhandhāri is a puzzle-ring which takes to pieces and is difficult to put together again. संदर्श mundri is a ring worn on the right little finger. मोस gol (Shahabad) and पेरखा pherus (Patna and Gaya) are kinds of rings.
- 757. On the wrist.—These are बाजा bāla or (Patna and Gaya)-बज चा balea, पहुंची pahunchi, and also (south of the Ganges) पहुंचारी pahunchāri, कहा kara (south of the Ganges), बेरा bera in Gaya and to the west, जिला jigga in Sāran, मिटिया mathiya in South Bhagalpur, and तोड़ा tora in South-West Tirhut. These are worn principally by boys. तींदी tainti is a kind of amulet in South Munger, Gaya, and Shahabad.

- 758. On the waist.—The chain hung round the waist is करधन kardhan or करधनी kardhani; also ছरहरा karhara in the east. A kind of belt is जींगरा, and of this जवा jāwa or जवारी jawāri, जांगडा langra and जहें jaē, are portions of the clasp.
- 759. On the ankles.—A boy's anklet is nie to garānw, nie to gorāin, or set kara. South of the Ganges we also meet nie et gorha are thoughur, or grand ghunghru (fitted with bells, used also in Tirhut, and sitted chaurāsi (when it carries 84 beads).
  - 760. On the toes.—अंगुटा angutha is toe-ring.

## b.-Worn by Women.

- 761. Ornaments for the head.—The ornamented hair-pin is viel chonts.
- 762. Ornaments for the forehead.—The sinclass mangtika or and banni is an ornament tied in the centre of the forehead by three strings, one passing round each side and the other over the top of the head. They are fastened in the hair. Of this the ornament is called size chanktha, and the strings size is ikri. The spangles or wafers gummed on to the forehead are to size to take it. Another name in South-West Tirhut is size half or size chand. In Shahabad scattya is a wafer made of embossed paper and gummed on the forehead.
- 763. Nose-ornaments.—The nose-stude fastened on to the outside of one nostril is the chhuchchhi, in South Bhagalpur and akchanda, and in Patna and to the south-west and laung. It is not an easy thing to steal, hence the proverb and a sayad, chorāwai lai chhuchchhi,—by name he is a saiyad, but he can steal even a nose-stud. The ring passing through the outside side of the nostril is an nath. A smaller kind is a saiyad and that worn by girls and nathuni. The game bulāk or and besar is a ring hung from the centre cartilage of the nose, and the interpolation is a similar one worn by women of the Rauniyār caste. It swings backwards and forwards, and is ornamented with beads.\*

Nose-ornaments are peculiar to females. If a mother loses a first-born son she endeavours to persuade the demon who kills children that any future boys born are only girls, and hence not worth killing. To do this, she often makes the boy wear nose-ornaments, and calls him by some nick name, as Bulāki (wearer of a mose-ring), &c. There are other similar customs, such as giving opprobrious names to such sons who are born after the death of a first born, which it would take too much space to mention here.

- 764. Ear-ornaments.—Ear-stude fastened to the lobe of the ear are करनम स karanphul or कनपूज kanphul and खोटजा khotla, or in East Tirbut w zam khutla or wz z khutti, to the north-west wzam khutli, and in Gaya and Shahabad खटिका khutila. The क्रेनेका kanaili is a stud worn on the cartilage just where it leaves the head under the hair. Rings worn in the lobe of the ear and bali, and those worn in the upper part of the cartilage जतर्गा lutrana. Broad plates worn across the ear are पात pat पता patta, and तरको tarki. A smaller kind worn in Gaya is alled गोतवा golwa. Amongst pendents are the भूमक jhumak or भूमक jhummak, which has two round pendents, and the भिम्मिसिया jhimjhimiya, which are flat pendents. The मक्सिया machhriya is a pendent shaped like a fish. In South Munger it is called मक्तिया machhaliga. The जोर lor and ariel kandus form a set of ear-ornaments. The first are round plates with a square cut cut of the inside, forming a kind of ring with a square inside. One of these is hung in the lobe of each ear. The latter is a ring. One is hung in the upper part of the cartilage of the right ear, and two in the upper part of the cartilage of the left ear. When a hole bored in the ear for an ornament is not in use, it may be filled up with a plug, called 3 a thek. When the ornaments worn are too heavy for the ear to carry without tearing, a chain is fastened round the ear so as to support the heavier ornaments. This is called teach sikri. Other ornaments for the car are are bir (Tirhut), कांप kāmp, and खिचरा khubiya in the south-east, and विज्ञका bijli in Patna and Gaya.
- 765. Neck-ornaments.—The unit clandar har is a long chain. A state tawij is a similar one with an amulet attached. A set of three chains of various lengths is state telri, and also to the north-west state; of five chains under packlari, and of seven chains under satlari. The state sikri is a long chain, and the unit baddhi is a long chain crossing the chest and going behind round the body. The humel is a necklace fitted with bells. Bosses tied to the throat are unit under champa kali, und jugnu, and state under the hard state is principally worn by the bride at a marriage, and is the first ornament put on before the marriage ceremony. The under hansuli is the solid necklet open in front which goes round the neck, and the under tawak is similar with pendents in front (worn by Musalmans). Under sati in North-East Tirbut is a kind of neck-ring.

galsatka, बार्बानी gardawāni, and बार्बी garsi, are various neckornaments used in Gaya. Other neck-ornaments are चित्रजा (SouthEast Tirhut), करेबर katesar (Champāran, Patna, and South
Bhagalpur) or करबर katsar (Tirhut and South Bhagalpur), and
ब्रिया khambhiya 'South Bhagalpur). दार hār or द्वा harwa is
the general term for a necklace, and मोती माला moti māla is a pearl
necklace, or one made with beads of the shape of pearls. जबरी
lalri and रूपव darpan are two ornaments worn on the breast in
Gaya and South Bhagalpur. A देवल haikal, or in Champāran
देवल hailak, is a long necklace composed of flat pieces, generally
nine in number. When a man marries a second wife, an ornament
is made representing the first wife, which the second wife wears.
On the first occasion on which the second wife applies vermilion to
her hair, she first puts some on the ornament before applying it to
herself. This ornament is called बोदिन sautin, or in South Munger बोद

766. On the clothes.—মৰীহী manori are ornaments on the veil (ধাহী sāri), and ভাৰহী anchri on the hem of the sheet.

767. Arm-ornaments.—The following are worn by all classes Highest up on the arm is the arm bāju, or are bāju band, which is a wide armlet. Below it the famines bijawath, famines bijaetha, or fault bijautha, which are five ornaments strung together; below that the [attal birkhi, which is smaller. Another name is बिरेटी birenti. Below this comes the बांक bank, made of one piece. It is worn by Hindu women on the right arm, but by Musalmans on both. Lowest down comes the वस्टा babhuntā, or to the west वहुत्या bahunta, of five pieces and round. Arm-ornaments worn principally by Hindu women are अनम anant and टार tar or टरिया tariya. Similar to the last is also another ornament called बहुदा bahutta. सिकरी sikri is a chain worn on the upper part of the arm. आविया ihabiva is a kind of inverted cup hanging from the arm, and to which bells (4441 bachwa) are attached; and gul ghundi little ball pendents hinging from the बाज bājs or from an अनन्त anant. सन्धी mundhi is a clasp. बरेखी barekhi in South-West Shahabad is an arm-ornament worn by women of the Goāla caste. Arm-ornaments worn principally by Musalman women are,—on the upper arm, जीवन jausan, पात pate (a flat piece tied on), and वजूसा bajulla, or in Saran विज्ञति bijuli (worn immediately below the atm baju; and on the forearm alant naunag or (in North-East Tirbut) नवया nabgrah of (nine stones). An

ornament worn on the back between the shoulders is called by Hindus पान pān or पनवा panwa, and by Musalmāns बलसटार balamtār.

- 768. Wrist-ornaments are कंकना kankna, कंकनो kankni, or कंगना kangna, or in Champāran ककना kakna, कचरा kachra (Gaya and the south-east), कतरो katri, कंघोटी kansauthi (Gaya and the south-east), खिया khasiya, गोलवा golwa (Gaya and the south-east), खिया khasiya, गोलवा golwa (Gaya and the south-east), खिया khasiya, गोलवा golwa (Gaya and the south-east), क्र chân or इन्ह chhand, जरे jai, जिला jigga, टोड़ा tōra, तिनखण्डी tinkhandi, तिननगा tinnaga, तिचीयोटा tisiauta (Gaya and the south-east), नद्वरो naghuri or निश्चिरो nigihri, or (in Gaya and the south-east) लघुरो laghuri, पचला कि pachkandi, पहला pachhala or पहलिया pachheliya, पटरो patri पटना patwa, पहुँची pahunchi, वंगुरी banguri, वड्डा barhara, or in Gaya वड इर् barhar, and in Champāran व लघुरा belahra, वाला bāla, वांचू banhu, वेर् bera, वांखा baunkha (Gaya) (made of thread), मिटिया mathiyo, क्योटो rupauthi (Gaya and the south-east), and लघुरो iaghuri (see नघुरो naghuri). The समसेवन्द samseband is a keeper worn on the wrist to prevent the चूर chūr falling off.
- 769. On the fingers.—A ring is दंगुटी anguthi. A round soild ring is हाडा chhalla. Other names are बाँडी aunthi and एंड्या ainthua. The गोरख घन्हारी gorakh dhanhāri, &c., is the same as that worn by men; so also the गोल gol and पेरखा pherua. Other rings are तिमह जिया tinchhaliya, बहलोली bahloli, अंगुस्तामा angustāna, खारसी ārsi (which has a small mirror attached), मुँदरी mundri, जोमेक्या lobharua (south-east), दरयावाही daryābādi (ib.), पथरीटी pathrauti (ib), चिरोतिया chairaugiya (ib.), खंखबा ankhua (South Bhagalpur), मथानी mathāni (South-East Tirhut), बहामी badāmi (Tirhut), पोर por (ib.).
- 770. On the waist.—Waist-chains and bands are क्रधनी kardhani, कमरक्ष kamarkas, क्लेबा jhabba, or क्लिया jhabiya, गठौरा gathaura, खंबरा amwara, कोचबन, kochtan कमरजेब kvmarjaeb, सोपी sīpi जापरी japhri. The कोचकी kothli is a kind of pocket to the waist.
- 771. On the feet.—The ormament fitting on the ankle and covering and fitting on to the upper part of the foot is utake pānw ieb. Like it are utak pāwat ut pairi, and utak universankar. Over this comes the sect charra, or sect chhara a number of fine rings like the util chūri on the arm; over this again the sect kara; and at the top the chūr. The usal painini are anklets with bells; so also faisal kinkini and saw ghughuru or sign ghunghuru in Gaya and North-East Tirhut.

772. On the loes—are wiggt angutha and parchhalla, which are rings. An ornament fitting over all the toes is a technique. In Gaya and the south-east again baluri is a toe-ring to which bells are fastened.

#### SUBDIVISION IV.

## APPLIANCES USED IN WORSHIP.

- 773. The appliances of a Hindu temple are as follows:—The Ates as a sort of mat made of kus grass, wool, &c., for sitting on.
- 774. A spoon for throwing water on the lingam is known as आंचमनो āchmani; also अचमनो achmani in South-West Shahabad, आंचीना anchauna in Gaya, अंचीनो anchauni in Sāran, and अवस्थि kalehhi in South Tirhut.
- 775. The saurat jalpātar is a vessel in which water is kept, and a smaller kind is utsurat panchpātar. The surat argha is the saucer made of stone or metal in which the stone representing the lingam is placed. The utsuration or utsuration pindi is the platform on which the lingam is placed. Other names are utsurate (optional) in South-East Tirhut, utsurate in South-West Shahabad, and sure jakhār in the rest of that district.
- 776. The ghanto of the Ganges are ghant, are goings or bells, and the fauther bijghant is a kind of going with erect edges. The ghanta specially means a bell; the jhānjh (small) or the jhāl (large) are the cymbals. The sankh is the conch.
- 777. The idol is मूरत murt, also म्रती murti in South Bhagalpur, and परिश्वत pārkhat optionally in South-East Tirhut. Its throne is विगायन singāsan or (in Patna and Gaya) विद्यायन singhāsan.
- 778. ছাৰো horsa, or in the south-east ছুৰো hursa, is the round stone for grinding sandal-wood (বহন chandan). Another name is ঘ্ৰোল chandrauta. The vessel in which the ground sandal-wood is placed is কটো katori.
- 779. The censer is north of the Ganges guages dhupdan, in Patna and Shahabad gueral dupdani, in Gaya guages dhupahara, and in the south-east gues dhuperi.
- 780. The दिपदान dipdan, दिपदानी dipdani, is the lampstand holding only one lamp or wick. One with four or five wicks is called बारती arti.

- 781. The ब्रामानी sumini north of the Genges and बमान sumarni south of it is the rosary of nineeteen beads. In Champāran and Gaya it is also बमार sumer. माला māla, or in Sāran and Tirhut करमाला karmāla, is a similar rosary of one hundred and eight beads. बमाना sumarni, &c., are also used for the large head at the end of a माला māla. A जायमाला /āpmāla is a large rosary containing as many as a thousand beads. The अग्रावारी ashtotari or अरोतारी athotri is a rosary which is kept in a small bag called मोरा jhora. Into this bag the worshipper puts his hand and turns the beads. The उराह rudrāchh or उर्शाह udrāchh is a rosary used by worshippers of Shiva, as in the proverb वापक गर मेगरी, पन क गरे वहाइ bāpak gare mungri, pūtak gare rudrāchh,—the father has a club on his neck, and the son a rosary, i.e., the father is a scoundrel and the son a devotee.
- 782. The तुमा tūma, तुम्मा tumma, or तुम्मा tumba is the hollow gourd carried by religious mendicants (बाधू sādhu or चोग्री jogi). It is also called कटारी kathāri or चागर sāgar in Sāran and Tirhut. The तुमदी tumri is a small gourd. The कम्मा kamandal is a similar vessel used for drawing water in a temple. A उद्ध कम्मा dand kamandal is a similar vessel made of metal (brass, copper, gold, &c.)

88 R. & J.

21

## DIVISIONILL

#### SOILS.

#### CHAPTER I.—CLASSIFICATION OF SOILS.

## 783. Soils may be classified-

- (a) According to their distance from the village site.
- (b) According to their constituent elements.
- (c) According to the crops for which they are prepared, or which they usually produce.

## CHAPTER II.—SOILS CLASSIFIED ACCORDING TO THEIR DISTANCE FROM THE VILLAGE SITE.

- 784. The concentric circles (ছলনা halka) are generally, but not always, three in number. The nomenclature and division differ according to locality.
  - (a) The belt near the homestead, which is better manured, more carefully cultivated, and adapted for superior kinds of crops. The homestead is called water abadi, six dih. बस्ती bastī; and the belt of land गोएंड goënr. गोएंडा goenra. Mic 7 gonrha, or Alici gaunrha or Alu bādh ; also कोरार korār in Patna and to the west. दिशास dihāns (Shahabad, Patna, and Gaya), प्राची gharbari in Patna and South Munger, and Tel bars in South Bhagalour. The land actually in the homestead is specially called six dih, Tests dehans, or (in Tirhut) Atar bhitha, and in Champāran भीड bhīthā. डीइ dīh is properly an old village site or mound. If there are two clusters of dwellings of the same name some distance apart, the older one will be called डोच dih. खबादी abādi is properly settled or cultivated land. The land near the village which receives the drainage of the houses is a gokan in Shahabad. 'A homestead is also called sign diffra or sign diffra in south Bhagalpur'.

- (b) The next furthest belt from the village site is बहरसी

  bahārsi to the west and in Patna and South Munger.

  This belt is also called सरेइ sareh to the south-west as long as crops are standing on it. It is also called ताथी

  tādhi (Champāran), बहरम् baharbhām (Sāran and Tirhut),

  टास tāl (South-East Tirhut), बहियार bahiyār (North-East Tirhut), and बहार baihār (South Bhagalpur).

  In Hazaribagh it is called खिड़ा singha.
- to the west, also and third belts are only considered as one. There are also, however, separate names for the third belt, viz. ZIE tār, ZIE tānr, or ZIE tānri, which is used to mean high extensive wastes of infertile or gravelly soil, or of hillocks and ridges such as are found in Gaya, and Tiechaunr, which means low open marshy country. In South Bhagalpur Hiel bhūtho is the land far from the village site which only produces bhadoi crops with much labour, and a still futher circle is attabaran, which bears no produce. In Sāran and Tirhut taran, or islands formed by rivers.

## CHAPTER III.—SOILS CLASSIFIED ACCORDING TO THEIR CONSTITUENT ELEMENTS.

785. Sandy soils.— वाला bāla or बालवा balwa, बलया balthar (North-West and in Patna and in Gaya), बलवाहा balwāh (South Bhagalpur), and बलयूस baldhās (Champāran), are soils principally composed of sand. Sandy loams are बलसन्द balsundar or बलम्दा balsundri, with local variants बलसन balsun or बलसम्हो balsumhi in South Tirhut बलसे balkası in South-East Tirhut, and बलसम balsum in North-East Tirhut. They are also called बलगढ baluat to the west, and बलिस्ट balimat in Shahabad. North of the Ganges and in South Munger बलस्य balua is land with sand on the surface and clay at some distance below. In Champāran and South-West Tirhut यस dhūs oryसो dhūsi is an arid and sterile soil consisting of an admixture of sand and clay. A loose candy subsoil, in which a clay well will not work, is बेगा benga बेगारा bengwa. In South-East Tirhut it is also

सुबनी bhusni. In Shahabad भी ब bhīs is fine compact sand, and बाला bāla loose coarse sand.

786. Clayey solls.—The principal is महियार matiyar, or in Gaya महिमर matigar, which is a brown clay soil, well adapted for rice. It contains about 60 or 70 per cent of clay. A stronger kind, containing about 85 per cent, is called नेवास kewal. This is also called करार karār in the south-east केवाल kewāl in South Munger is of three kinds, viz. करका harka, which is black; गोरिखडा goriatta or in South Bhagalpur nittel goranti which is yellowish; and चनकी chanki or गारी केवाल gagri kewal, which is mixed with fine gravel. This last is also called unifer pathrativa in South Bhagalpur or (when it is of a reddish colour) गोरॅंडिया पचरौडी gorentiya pathrauti. In South-East Tirbut केवाल kewal is of two kinds, viz., गोरी केवाल gori kewāl, which is light-coloured, and तेलिया केवाल teliya kewāl, which is dark. करेल karail to the west is a bluish-black soil, which contains more organic matter than महियार matiyār. In Shahabad it is divided into two kinds, viz. बाँगर करें ल bangar karail, which is apt to crack on driving, and होमा करेल doma karail, which is of more bluish colour than the other. A clay which feels greasy when rubbed in the hand is called दुधी dudhi or चिकन मिट्टी chikkan mitti or चिकनी मिट्टी chikni mitti; and सुसुरी bhusuri (west) and कचीच kachaus (east) are clay soils which soon dry on the surface. Takhaur is a similar soil mixed with ashes, which is called in South Munger भचाइ bhasurāhi. चनकी chanki, or to the west चित्रता sigta, are hard soils, which split and crack when dry. In Patna and Gaya कहादा kachhuiya is a loose clay met in digging wells. जनकी मिट्टी lalki mītti north of the Ganges, तर् geru south of it, and काविस kābis in South-West Shahabad, is a red clay. नरम naram, and also to the east जारम laram. mean soft when applied to clay. North of the Ganges, to the west. and in South-Munger, SATTE akrāh is a hard clay soil mixed with fine gravel. In South-East Tirhut it is इराही chharāhi. रोरियाड rativah or that rorka is land which goes into hard lumps the size of eggs after preparation. कमरोटी kumrauti, or in Saran नमहीटी kumrhauti, and in Tirhut कारी माटी kāri māti, is potter's clay.

787. Loamy soils.—The चच्च chahal or करोड kadoi is that which is never drier than mud, and in which crops are planted without ploughing. Lait dhabri or Lia dhāb is land which is part of the year

under water and part of it dry. होस्स doras, or (in Patna and Gaya) रोसाही dorsāhi, and (in South Bhagalpur) प्रसीती parsoti, and also पंचतर स panchkatail in Tirhut, is a clayey loam; while बलसन्दर balsundar (see sandy soils for other names) is a fine sandy loam. In Champaran बमनो babhni is a light red soil.

#### CHAPTER IV.—SOILS AND WATER ACTION.

788. Land thrown up by fluvial action is no util gang barar (also spelt बहार barar), and that cut away गङ्ग सिकस्त gang sikast. छार्न chhāran is land left by the retrocession of a a river. zis tanr in South-West Shahabad, and uzue patpar in South-East Bihar, is newly-formed land so situated as to receive an annual accretion of alluvial deposit; but in Saran and South Tirhut yeur patpar is barren alluviated land. In Saran ATAU mamas is rich alluviated land. In Tirhut, Patna, Gaya, and the south-east तरी tari means moist soil in hollows and at the foot of slopes. It also even means water. Thus they say, 'Are you going सरी tari (by water) or खसकी khuski (by land)?' In Saran तरयानी taryāni is similarly used. तरी tari is also applied to lands recovered by retrocession of a river. In Shahabad they are HINT bhagar, and in the south-west of that district इन्हिलिस्या chhichhlahiya. They are also called क्टारन chhāran. दीयर diyar or दियारा diyāra is fresh land thrown up by the shifting of the course of a river. In Patna, and also in Champaran, it is called दिअरा diara, in South-West Shahabad डीका dila in South Munger Fitt dira, and in South Bhagalpur Fitt dira. The alluvial deposit left by revers while still wet is called at kadai. करोइ kadoë. or पाँक pank or पद्म pank (see § 789). Land rendered useless by deposits of sand is called कोरा बाल koru bāl (in Sāran) and बलाब balan (North-West Tirhut.)

## CHAPTER V.-MUDDY AND WATER-LOGGED SOILS.

789. Land in the bed of a tank is in Patna and Gaya বারি tan. In Sahabad is it কৰি kinch, and to the west generally কাৰা কিছা kano hichchar. Marshy or muddy soils and quagmires are মাৰ bhas and ইক্লী dalki to the west and in Patna, and the latter also in Gaya and South Munger. In Tirhut, Saran, and Patna they are হলহল daldal, in Patna and Shahabad पঁকাৰা pankha, and in the southwest of the last district বিশ্ব hhanchra. Lands usually saturated with

water are प्रमार panmar north of the Ganges, सुत्रार sugra in South-West Shahabad, सिंद्राइ siñrāh in the rest of the district, सिद्राहर sirāha in Patna and South Munger, सीद्रा sīra in South Bhagalpur, and सेकत seūt in Gaya. धसना dhasna is land liable to be submerged In is called गाँची gaunchi in Gaya and जलको jalki in South-West Shahabad; in South Munger it is गाँदि gaunchii. The old dry bed of a river is हारन chhāran or (in North Tirhut) मरन maran. Other names are बांद bānr in Patna and Shahahad and मोर jhor in the south-west of the last district. पाँक pank, पाँकी pānki, or पद्म pank is earth wet and soft so as to yield to the tread, adhesive and rotting. Nothing will grow in it. कादो kādo, कादो kadoï, or कादो kadaï, is mud in which crops will grow.

#### CHAPTER VI.—HIGHLANDS AND LOWLANDS.

790. Highlands, as contrasted with river valleys, are उपाचार uparwār in Patna and to the north-west, बहुम baharhhūm in South Tirhut, and उपाच uprār in East Tithut, South of the Ganges दिश्चां dihāns is used in Patna, टाँड tānr in Gaya and South Munger, दोल dīl in Shakabad, and दोह dīh in South Bhagalpur. In Hazāribēgh other names are उचास uchās and दोषा dhībar. In South Munger बाद gād is the corresponding word for a lowland. भीज jhīl or चाँच chauñr, or in Sālan काक kūchh, is low marshy land. In Patna, Gaya, and South Munger it is चाह jāh. भन man is a large sheet of water of considerable depth, and in Tirhut चान jān is similar but something smaller. खाल khāl, खलान khalwa, or in the north-west खलार khalār or खलार khalhar, is a hollow with or without water.

## CHAPTER VII.-RAVINES AND MOUNDS, &c.

- 791. Land cut by ravines and broken ground is বিশ্ব bihar or (in Gaya) ৰাইৰ bihanr. In South Bhagalpur it is আহিবান arian. The elevated soil in the midst of ravines is চুম্ব dhūh or চুম্বা dhūhi in South-West Shahabad, তাল dīl in the rest of the district, হিলম tilka in Patna, Gaya, and South Munger, and হিলম tikkar in South Bhagalpur.
- 792. In Patna, Gaya, and South Munger Equitation or atest nāla is a ravine. The latter word is also current to the west, and is only used when the ravine is also a water-course. In the south-east the word is six danr. Et alan derh kaua is also used in Patna.

Uneven ground is उभर खाभर ubhar khābar to the north-west and in South-East Tirhut, and मटहा matha or डावर dābar (also in Champaran), in North-East Tirhut. South of the Ganges we have जवर खावर ubar khābar in Patna, Gaya, and South Munger (also noted in Saran), उपाल unch khāl in Patna and to the west, जखर खावर ūkhar khābar in Shahabad, and उपली uchli in South Bhagalpur. A high river bluff is कराश karāra, जाश arra, जाश arār, जाशि arāri or कहाइ kachār or कहाइ kachāra. Other names are जाइ dhāh (north generally) and कॅमलिया kanganiya (North-East Tirhut). The sloping bank of a river is in Shahabad तासवार tarsiwāi, and in South Munger तरी tari.

793. A mound generally is হিডছা tilha, or in South Munger হৈছে হাক্য tilha tākar. In South-West Shahabad it is চ্ছ dhūh, চ্ছা, dhūhi (also Saran), ভাল dīl, or ভালা dilla, in the rest of that district হিম্ম tipur, and in South Bhagalpur হিকাম tikor or হিক্ম tikkar. In South-West Shahabad মহম্ম patpari is a hill with a flat top. The sites of ruined villages are ভাছ dīh; also মাহা bhītha in South Munger. The sites of old villages are often covered with potsherds, hence such sites are also called হিক্মান thikrahu in Patna, হিক্মীল thikraul in Saran, হিক্মীয়া thikariya to the east, স্মাক্তীয়া jhiktaur in Patna, Gaya, and Champāran, বিক্লীয়া sikraur or ক্লিক্মীয়া jhiktaur in Shahabad, and ক্লিক্সোম jhiktiya in South Bhagalpur, the words for potsherds being ক্লিক্সা jhikta, ক্লিক্সী jhikti, or তীক্য thīkar or হিক্জা thikra, also বিক্জা sikra in Shahabad and ক্লিক্সা jhikta to the west.

## CHAPTER VIII.—STONY SOILS.

794. Gravelly soils are बंबाही kankrāhi in Saran and Patna, अ वर्ष व ankrail in Saran, and अंबहोर ankraur to the west. Gravel generally is in Patna and to the west আंकड़ ānkar, and to the east मञ्चर gangat; also everywhere कहुड़ kankar. In Champāran and Tirhut it is देवही inkri, and in Champaran and Gaya क्वितरों jhikti or गरांबर garāngat. Coarse gravel is in Shahabad क्वितर्य ankra, and fine क्विरेश ankri. To the south-east it is गगरा gangta and गगरी gangti. Soil mixed with coarse gravel is गगरियाहा gangtiyāha in Patna, Gaya, and South Bhagalpur, and गगराहा gangtāha in Patna and South Munger. चराब chatān is a hard rocky soil. Other names are क्विर dohar in South-West Shahabad, and प्रशेष pathrehar in South Munger. Soil mixed with coarse gravel is also क्विरोटिया kankrotiya, and hard rocky soil प्रयोगी pathrauti in South Bhagalpur.

#### CHAPTER IX.—CULTIVATED AND WASTE.

- 795. Classifying soils according to cultivation, we have cultivated land known as अवाद abād or अवादी abādi. It is also known in the south-east and Gaya as पह pah, in Patna as खील वेटाओल khil baithāöl, and Shahabad as खिलमार khilmār.
- 796. An inhabited village is बसिंगत basgit or बसती basti, and a deserted village वे ऋष्पर be chhappar (unroofed), and also in South Munger निचिराकी nichirāki (without a light) and in Gaya इसका damka. Other names for the latter are उनड़ ujar, उनास ujral, उनाइ ujār, उनाइ ujra or (optionally in Tirhut) डोइ dīh.
- 797. Waste land is ম্বান parīt (Patna, Gaya, and South Munger) or ম্বো parti. Land which has accidentally gone out of cultivation is specially ম্বান parti in Sāran, ম্বানা parāta to the north-west, and ম্বান parānt or ম্বো parta in North Tirhut. Waste land broken up for the first time is ভাল khīl, or in the south-east স্বাব kurdo, ভিলমত khilkat or ভিলমতা khilkatti. In Tirhut it is also called ভিলমায় khilmār. The second year after it is broken up it is ভাল khil to the north-west, মৃত্যু pah in Tirhut, Shababad, and the south-east, স্বান্ত kunil in South Bhagalpur and মৃত্যু pauh in Patna and South Munger. The third year it is called ভাল khet or (in Champāran) মৃত্যু pahi, and North-East Tirhut মৃত্যু pah.

#### CHAPTER X.-FALLOW.

- 799. Lands left fallow for a time to recover their strength are utal parti generally. Other names are utal parta in North-Tirhut 88 R. & J.

and चांच chānch or पण परती pah parli in South Bhagalpur. Land which never lies fallow is खबाई abād or खबाई। abadā. Another name is उठता uthti in Champāran. North of the Ganges रखी rulli or (to the east) रखी runni is poor light land which requires to be left fallow for a year or two. It also means land which has lost its fertility. Other words in use are मूच jhūs and इज़क haluk to the north, west and in Patna, मूची jhūsi in North-East Tirhut, कोटो korhi in Patna, छाँछ chhānchh in Gaya, बाराइ bangrah to the south-west of that district, तिस्विया कोटो tiliya korhi in South Munger, and खनारो algi in South Bhagalpur.

## CHAPTER XI.—RICHNESS AND POORNESS OF SOIL.

800. बरियार bariyār or महरा gahra, or in South Munger जैयह jaiyad, is the general term used for rich soils. Others are जीगर jīgar (Patna) and चोखा chokha (North-West, Gaya, and South Munger). Poor soils are इनुस्त haluk (North-West Bihār), रसी runni (see § 799), तपनाइ tapnāh (North-East Tirhut), and उस thas, अवद् abbar (also in Chāmpāran), or उसत usath south of the Ganges.

#### CHAPTER XII.—JRRIGATED AND DRY LANDS.

801. Land artificially irrigated is परीचा patana or परीई patani to the west. Other local names are पटीना palauna South-East Tirhut, and पराजीस patāöl North-East Tirhut and परहुवाँ patahuāñ in Shahabad. In Gaya it is Eufaftz hathghiset, and in South-West Shahabad भरे या bharaiya. Land irrigated from tanks or ponds is इतिन chhanan in Saran and Patna, Wit phor in South-West Shahabad, and elsewhere south of the Ganges मेलबानी melwani or (South Bhagalpur) मेलानी melani or व्हिटा chitta—Irrigation from walls is कुँड़िया चास kunriya chās in South Bhagalpur. When irrigated from wells it is मोटवाही motwahi to the west. Un-irrigated land, or land which does not require irrigation, owing to its being, or its capability of being, flooded is squat apta If watered after ploughing, it is व्हिंशिकनी chhirikni to the west, परीका pachauan in South-West Shahabad, and पनीला panaula in the rest of that district. विष्वियाँ nipaniyan are in Patna unirrigated crops. In South Munger lands which require irrigation are ETT runa, and there and in Saran those which produce crops without irrigation are halki.

## CHAPTER XIII.—LANDS WHICH RETAIN AND WHICH DO NOT RETAIN MOISTURE.

802. This is the division most common amongst natives themselves. The moisture in land is ছাল hāl. Land which does not retain it is बांगर bāngar, and that which does is भीड bhāth, or in North Saran भाउ bhāth. Under these divisions come other subdivisions, such as बल बा बांगर balur bangar (which is sandy), मिट्यार बांगर matiyār bāngar (which is clayey), and so on, and बल्बा भीड balua bhith, मिट्यार भीड matiyār bhīth, and so on. Crops on bāngār lands cannot be cultivated without irrigation, and the expense of cultivation is therefore greater, but the yield more than compensates the outlay, being a third, and sometimes double the amount of bhīth produce. The latter lands are sometimes irrigated and sometimes not.

## CHAPTER XIV.—LANDS BEARING A SINGLE AND A DOUBLE CROP.

803. Lands which produce only one crop in the year are एक्फबिसा ekphasila or एकफिसती ekphasila. In Champaran they are called एकसिस्या eksaliya. चीनास chumās lands (also called एकस्य palihar to the west) are kept free from crop during the rains, and tilled for the cold weather crop. Lands bearing two crops in the year are सोफिस dophasila or सोफिस dophasili, or in Champaran सोसीस्या dosaliya. In South Bhagalpur they are सोसीस dosāl. Land on which crops are grown all the year round is किन्मिसिसा tinphasila.

## CHAPTER XV.—TERMS USED IN CONNECTION WITH DIF-FERENT CROPS.

- 804. The following terms are used in connection with different crops.
- 805. Sugar. cane.—Land prepared for this crop is ভাৰাৰ ukhanw or ভাৰাৰ ukhāo. Land constantly ploughed for cane or any other crop from Asārh to Māgh are মহাৰ maghāt in South-East Tirhut, মহাত or মহাৰ maghār in Sāran, Patna, and South Munger, মহাৰ mughra in Gaya and the south-west, and মহাৰা maghua in South Bhagalpur. Land under cane is ভাৰাৰ ukhāri in Shahabad. অভাৰ iathahan in South Munger is land cropped in the previous year with cane.
- 806. Cereals.— Telest harjinea are those lands which grow all crops except transplanted rice.

- 807. Garden crops.—Land suited for growing garden crops is जोरार korar in Patna and to the west and कोरियार koriyār in Patna and Gaya. Other names are कोरांट korant (South Tirbut), केरियार kairiyār (Shahabad, बारी bāri in Tirbut, and जात्वहानी latihāni in South Munger. These names apply rather to the use to which the land is put than to the kind of soil, most of them being connected with the word कोर्रो koïri, which is the name of a well-known caste of garden cultivators.
- 808. Cotton.—In Shahabad the following kinds of land are suited for the various kinds of cotton:—

Cotton.			Land.
(1) रिंड्या rarhiya	•••	•••	करेल karail.
(2) वंड्क्र banrchha		•••	कोडार korār.
(3) Faal henwti	•••	•••	षरियार bariyār.
(4) मनवं manwan	•••	• • •	नद्वांसी nadwansi.

- 809. Pulses.—Land under gram is called देता charta in South Bhagalpur.
- 810. Maizes, millets, &c.—Land under these crops is tigit dotura north of the Ganges. The word means properly land in which both a rainy season and a cold weather crop can be sown.
- 811. Spring crops.—Light friable soil suitable for these crops is called भীত bhīth or भীতা bhītha, also in Gaya भिতাহা bhithāra. See, however, § 802.
- 812. Rice.—Rice land is धनहर dhanhar. In Gaya it is called धन-नियारी dhankiyāri, and in South-West Shahabad धनखर dhankhar.
- 813. Land under trees, brushwood, &c.—Forest are बन ban or चल्ला jangal. L grove is बर्गचा bagaicha or माही gachhi. बाम bāg is a garden, and बिगाया bagiya an orchard. पुलवारी phulwārs is an orchard, enclosed, irrigated, and stocked with fruit-trees. A खाने वाम khāne bāg in Champāran and Patna or नगर वाम najar bāg in Gaya and Shahabad is a grove attached to a shrine or other building, and growing flowers as well as fruit.
- 814. A mango grove is आम के बगैचा am ke bagaicha, or in Tirhut गाही gāchhi; a clump of bamboos is बांच के कोटी bāns ke kothi in the north-west, उंचवारी banswāri north of the Ganges generally, and बांचक बीट bānsak bīth in North-East Tirhut. In Patna it is बसेंड baser, in South-West Shahabad वंचवार banswār, and elsewhere south of the Ganges वसाड basār. In South Bhagalpur it is also called बीटो bito or

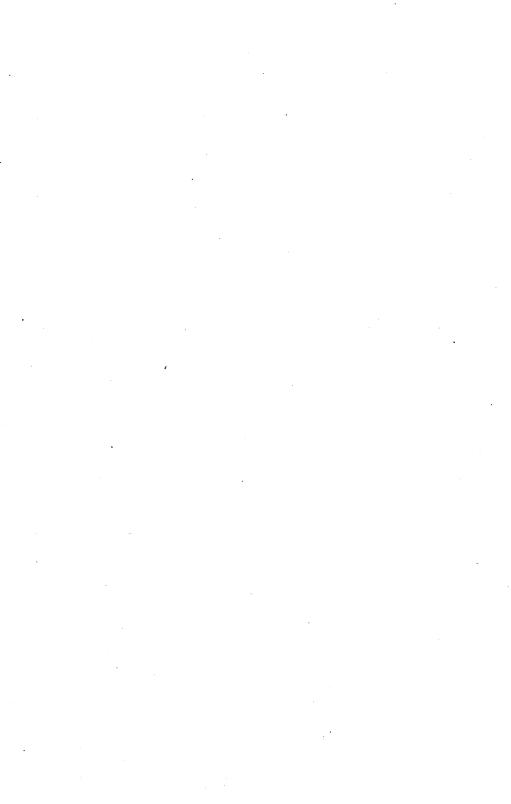
<sup>.</sup> YESTE literally means a place for flowers, i.e., a flower-garden.

वैरो bero and in Tirhut छोध odh. A young grove of fruit-trees is महला gachhuli north of the Ganges, also नौराष्ट्री naurāhi in Champāran, नरोद naroï in Champāran and Tirhut, and लग महली lub gachhuli or नव महली naw gachhuli in Tirhut. Another name is नव पेटा naw pera. South of the Ganges it is जोगाहरी laugāchhi or नौगाहरी naugāchhi to the south-east, केटवारो kerwari in Shahabad, नरोद naroïn in Patna and South Munger, and नौकेटा बगेचा naukera bagaicha in Gaya. A belt of trees on either side of a road is पाँची pānti or पंतियारो pantiyāri, and also रखराँव lakhrānw to the west and पाँचा pānta in Tirhut.

815. Land producing brushwood is ATT jhāra (Sāran and Patna) or ৰণ কিছলী ban chhihuli (South-West Shahabad). Brushwood is The jhar, The ilarha, or to the north-west and in Patna and South Munger भार ihūr. Small stunted brushwood is भाखनी ihakhuli or भाखरी jhakhurs north of the Ganges and in Patna, रौत्री raunji in Patna, and भारतारी jharkanti in South-West Shababad. Land producing tall thatching-grass is aclt kharhaur or acla kharhaul, or south of the Ganges खरहर kharāhur. Other names are सुचवानी mujwāni, कंडबानी kānrwāni in the north-west, and सुंचवान munjwan in Shahabad. In South Munger it is खरेंडा kharaitha. The principal of these grasses are पटेर pater, खर khar or खर्द kharai रारी rari, डाभी dābhi, इक्कर ikkar or इकरो ikri, मूज munj or भावास jhalās. Of the last, मूज mūnj is properly the bark used for making string, भाजास jhalās the leaves used for making rough thatches, atst kansa the stout lower part of the stalk used for roof-thatching, and Graft sirki the udper or reed part used for making sieves and mats. Reeds are TITE narkat, and the land producing them is नाकान narkan in Champaran. Land producing brushwood is att i jhanti in South Bhagalpur.

## CHPTER XVI.-LAND IMPREGNATED WITH SALT, &c.

816. Land impregnated with impure carbonate of soda दे (reh) is जसर usar or उसार ussar. Other names are रेहाइ rehāh or रेहाड rehār (East Tirhut) and रेहडा rehra (Patna, Gaya, and South Munger). खारो khā i or (South Bhagalpur) खरना kharwa is land impregnated with sulphate of soda. नीनी noni south of the Ganges is land impregnated with common salt. Other names are नीनियाह noniyah, नीनियारी noniyāri and नीनक्राइ nonchhorāh. In South-West Shahabad चाँप chāmp, and in the rest of the district चाँदिस chāndil, is जसर ūsar land, in which spots of good ground are scattered.



## DIVISION IV.

## GENERAL AGRICULTURAL OPERATIONS.

# SUBDIVISION I. PLOUGHING AND HARROWING.

#### CHAPTER 1.—PLOUGHING AND HARROWING.

- 817. To plough is इर जीतन har jotab, इर बहन har bahab, or इर चलायन har chaláëb. इर नाधन har nādhab is properly to yoke the oxen to the plough (also called जरनी larni in Champaran and South-East Tirhut). Other expressions for ploughing are चिराचर के धरन sirāur ke dharal or चिराय के जीतन sariya ke jotal in Champaran, पैस धरन pais dharab (or पुरस धरन puïs dharab in North-East Tirhut) in Champāran and Tirhut, and इहिन धरेमान dahin dhareāo in Champāran and South-East Tirhut. One ploughing is चास chās, and in Gaya and to the west also बाँच bāñh: thus, एक बाँच ek bāñh the first ploughing, हो बाँच do bāñh the second ploughing, and so on.
- 818. The first ploughing is called पाँचल पास patil char or पानी pharmi. In Gaya and Champaran it is पारन phāran and in South Bhagalpur इर समीध har samaudh. Lands sown after a single ploughing are मोनीचा bhokaua in the north-west and जीता बाबा jota bāwag in Champāran and Tirhut. मचाइ जीतन maghār jotab is north of the Ganges and in Patna and Gaya the ploughing in the month of Māgh (January-February) of lands intended to be sown at the next rainy season. In East Tirhut and Champaran this is also called जीमीस जीतन chaumāns jotab. In Gaya and Champaran it is also मचड़ा चान maghra chās, in Shahabad मचट maghwat, and in the south-west of that district जाता kulhar. In South Bhagalpur it is माची चास maghi chās, and in South Munger मचाइ maghār. The field which is thus ploughed is विदार birār to the west and south and पष्ट pah also south of the Ganges and in Champaran. North of the Ganges it is called जीमीस chaumāns.

- 819. The second ploughing is दोखार or दोखाड dokhār. In Gaya and Champāran it is also called पुरने purwe. Other names are सोमर् s. mra to the north-west and समार samār in North-East Tirhut दोहार dohār in Champāran and North-West Tirhut, and दोहरावन, dohrāwan in South-West Shahabad; and the same names are also applied to the field so ploughed. In the south-east the second ploughing is called चास chās, दोखार dokhār being the third ploughing.
- 820. The third ploughing is तेखार tekhār and also (in Champāran) तेखरा tekhra. To the west it is also तेद्वरावन tehrāwan. In the south-east it is दोखार dokhār. The same terms are used for the land so ploughed.
- 821. The fourth ploughing is in East Tirhut and Gaya चौढार chaukhār, and in Shahabad, Gaya, and South Bhagalpur चरचार charchasi. Elsewhere it is चार चास chār chās; so also the land so ploughed.
  - 822. The fifth p'oughing is पानचास pānchās.
- 823. The phrase used for successive ploughing is ত্ৰ বাৰ ek chās, হ্বাৰ du chās, and so on. Theoretically there is no limit to the number of ploughings required for some crops, as is shown in the following rhyme current in Gaya:—

सी चास गरडा, पचास चास मरडा, तेकर खाधा मोरी तेकर खाधा तोरी Sau chās gonda, Pachās chās manda, Tekar ādha mori, Tekar ādha tori.

- -A hundred ploughings for cane, fifty for wheat, half that (25) for rice, and half that (121) for oilseeds.
- 824. The ploughing of millets, when they are about a foot high, is विदास bidāh, a local variant being विद्यनी bidāhni in Champāran, West Tirhut, Patna, and the south-east. In Gaya and Champaran it is कोडन koran, and in South Munger, when hoeing is substituted for ploughing, it is कोडनी korni. When a rice-field is flooded and then ploughed to kill the weeds, the process is called खेन leo in the north-west, खेना lewa in Gaya and कादो kado or कदना kadwa to the north west and in Tirhut. In North-West Tirhut it is called महाद masāh.
- 825. In Saran and Champaran ploughing with a plough of which the blook is new and full-sized is नवटा के जीत nawtha ke jot, and

with one which has a small worn block खिनौरी के चीत khinauri ke jot. In Tirhut and also in Champāran the corresponding words are respectively जवटा के जीत lawtha ke jot and टेंटा के जीत thentha ke jot and in Shahabad नवहरा nawahra and खंटेहरा khuntehra.

- 826. In rice cultivation, after sowing, the field is lightly reploughed to clear the weeds and cover the seed. This is called ভৰছে unāh to the north-west and in North-West Tirhut, মলহ gajar in the North-East Tirhut, and ভাষাই samār in Champāran and South-East Tirhut. In Patna it is ভাষাই samāh, in Gaya বিহাই birāh, to the west and in Patna and Gaya বিহাই bidāh, and in Champāran and to the south-east বিহুত্বী bidahni.
- 827. The small pieces of the field which the plongh has not touched are ঘুঁৰ pais in Champāran and South-West Tirhut and মুহৰ pais in North-East Tirhut. In North-West and South-East Tirhut and in Champāran they are হছিলা dahina and in South Bhagalpur ভাৰত হাল \*khar hāl, and in Sāran and Champāran কুতল উন chhutal khet.
- 828. Cross-ploughing is STUT āra, or in Champaran and South Bhagalpur आर ar, and in South-East Tirhut समार samar. When a field is ploughed round and round in constantly diminishing circuits it is called चौकेटा chauketha or (in Patna) चौएटा chauetha, आरी चास āri chās in Gaya, चौन्मली chaubagli in Champaran and Gaya, and चौमहिया chaugathiya or चौक chauk to the west. In Saran and Champaran it is चौगेड chaugeth, in South Munger भौरिया bhaunriya, and in North-West Tirhut Tat chauker. The centre plot in the middle. round which the bullocks have no room to turn, is called attact badhar and this is furrowed by taking the plough across it diagonally from corner to corner. Ploughing from corner to corner is क्रीनिया जीत koniva iot or कीन kon, also कीनसी konsi in South Munger, कीनसिया konasiya in Champaran and South-West Tirhut, कोनी koni in Gaya, and कोना कोनी kona koni to the west. When a crookedly-shaped field has to be ploughed, it is called जना चोढ़ी जोन una dyorhi jot in Saran and Patna and जना डेढ़ी जीत una derhi jot in Champaran. When a rectangular field is ploughed straight along its length or breadth, the ploughing is called बोमी आ जोत sojhaua jot. Other names current are जमती lamti in South Bhagalpur उद्दर tharhain in Patna and Champaran and उदिया tharhiya to the west. Ploughing breadth-ways is पानी phāni in Sāran and North-West Tirhut, फटकी phatki in Champaran and the south-east,

जना पानी una phani in Patna, पंदिया phandiya in South-West Shahabad and in South Bhagalpur मङ्गो जीन mando jot or चीमाडी chaumandi.

**829.** The following rule is current in North-East Bihār as to ploughing and harrowing:—

शोर नोतिष्ट॰ बहुत हाँगरहर, जाँच के वैधिष्ट॰ आर। उपने तर उपने नाहीँ तर घाष्टे दोहर गार।। Thor jotiha bahut hengaïha, unch ke bandhiha ar, Upje ta upje nahīn, ta Ghaghe dīha gar.

—Plough little, harrow much, and have your field boundaries high If what should come does not then do so, you can abuse Ghagh (who gives you this advice).

- 830. A harrow is हाँगा henga, &c., as described in § 30 and ff. To harrow is हाँगाएव hengāëb, हाँगा चलाएव henga chalāëb, or चौकी चुनाएव chauki ghumāëb. The act of harrowing is in Gaya पालट pālat.
- 831. The oxen attached to a harrow have various names. The one on the left-hand side is called पंचीट panchaut or जुड़दिना turdahina, and the one next to him इयोग्रा hathaua. The right-hand ox is पेरा phera, or in South Munger भवनी bhasni.

# CHAPTER II.—FIELDS.

832. A field is खेत khet. Other names also current are टोपरी topri and und pari south of the Ganges, Elux topra to the west. and sigt dābar in Champāran and Gaya. In South Bhagalpur the words बारी bāri and बहियार bahiyār are used. Beds made in a field to facilitate irrigation and for other purposes are कियारी kiyāri, and also in Champaran चड़ारी gharari, in Patna and to the south-east गंडारी ganrāri, and in Gaya Tert! genrāri. Similar beds in a sugar-cane field are called दाता बाला hāta wāla to the north-west and in Gaya and North-West Tirbut, and whit jhor or water ihora south of the Ganges. In the north-west with jhora is the large bed, and so also are पहरा pahta in Gaya, Saran, and Champaran, परिया pariya in South-West Tirbut, इवन dawan in Champaran and North-West Tirbut, and कियारा kiyāra or भेर bher in East Tirhut. The raised banks between the irrigation beds are He menr in the north-west and wit ar in Tirbut. In Shahabad, Patna, and Gaya they are att karha, and in Patna and Gaya utan panrya, in South Bhagalpur unin palanga.

BOUNDARIES.

and in South Munger होता daug. North of the Ganges a plot marked off by a boundary is stat at at a wala in the north-west and South Munger and stall and chharki bala in East Tirhut. The small patch of ground adjoining a house is कोबा kola, कोबी koli, or कोबवाद kolwai to the north-west, and att bari in Champaran and Tirhut. and kola also obtains in Shahabad and the south-east. In Saran and Patna it is खाड khand or खंड khanr (which properly means a ruined house), and in Gaya चेवारी ghewāri. Other optional names are मसी galli in South Bhagalpur and कानासी konāsi in Shahabad. When the fields of one proprietor's share are scattered over a village, each is called तखता takhta or fami kitta. The whole cultivation of such a proprietor is called वितो बारी kheti bari to the west and in Tirhut; also खित बधार khet badhar in Shahabad and Patna, and दित प्रधार khet pathar in Champaran and South Munger. In Patna and Gaya खन्द khandh, खन्दा khandha. বিবা kitta or বিবা kita, is a large area of cultivated land. A division of this is will khandhaut, which is again divided into fields.

# CHAPTER III.—BOUNDARIES.

- 833. The low ridge which forms the boundary of a field is everywhere आर ar, आरि or आरी ari, as in the provorb आरि आई तर कपार बादी. बीच बड़ा चरवाही, ari jar ta kapar lathi, bich banga charwahi, -if you go on a field boundary have a stick (to protect) your head, (and then) you may graze your cattle in the midst of a cotton-held. North of the Ganges it is also called इंड् द danrer. Other names are अवसी ahri (see § 919), छलाङ alang, or पराँउ paranth in Patna, Gaya, and the south-west; util panrga, nigitl ganrari, with all, or win al in Gava and South Munger, and six danr in South-West Shahabad. A ditch boundary is আই khaī, আছে khāï, অবা khatta, or ভাৰা khāwān. Another name is and khanta in South Bhagalpur. In Gays district डोभरा dobhra is a small ditch. An embankment used as boundary is आहरा ahra (see § 919) or बाँध bandh. Other names are अर्बन bharban (Champaran), पूर dhur (North Tirbut), and इरकी chharki (South-East Tirhut). A place where three boundaries meet is तिनकोनिया tinkoniya, and where four meet चौम्ख chaumukh, चौबिटिया chaubatiya, or चौराहा chauraha. In Champaran and South-East Tirhut it is also चीपड़ cheupar.
- 834. The rural Bihāri lays great stress on the importance of keeping these boundary embankments in order. Thus, there is a

## CHAPTER IV.—FURROWS.

- 835. A furrow is ছराइ harāi to the west. In Champāran and Tirhut it is सिराइर siraur, in Patna सिरोर siror, and elsewhere सिरोर siraur. In Gaya another name is सेवास sewat. मॉसिया jhanjhiya or भारी dhari in Gaya and Sāran, and घई ghaī in Patna and South-East Tirhut, are the deep furrows in a field in which extra crops are grown, especially those at the edge of the field, or running from corner to corner.
- 836. The deep furrow used as an irrigation channel is आरा ara in the north-west, पंन pain or पेनि paini generally, दौँगर daungar in South Tirhut, Patra, and Gaya, नारी nari or करहा karha to the west and in Patra and Gaya, भीता bhīta in East Tirhut, and दौंग daug in Patra and to the south-east.

# CHAPTER V.—MISCELLANEOUS TERMS USED IN CONNECTION WITH PLOUGHING.

- 837. To the west साँभावे sānjhle, संस्मिया sanjhiya, and संवाहरिय sanjhariya means 'up to evening' or 'at evening' and hence are used as adjectives with the word जोत jot to signify as much land as can be ploughed in a day. In Champāran and South Munger this is समाहिया sagardina, and in Patna उत्तहरिया thakhariya. The area ploughed in half a day is called होपहरिया dopahariya.
- 838. The portion of land included in a plough circuit is आंतर āntar, and also to the north-west and in North-East Tirhut इट्डा hattha and to commence another circuit is होसर आंतर घरव dosar āntar dearab. The place where ploughing is going on is इरवाही harwāhi in Patna and north of the Ganges. In Shahabad it is इरवाही harwāhi. In Patna it is टोपरा topra, and generally इराडा haratha.
- 839. The first ploughing of the season is द्रमहतर harmahutar in Saran and द्रमोद्दर harmohtar in Patna and Gaya. It is also वस्तुत samhut, and to the north विर्णेत्रमी sirpanchmi or विर्णेत्रमें

<sup>1.</sup> Derived from the Sanskrit " चुर (क) सकूत '' i.e., the auspicious moment for commencement of ploughing.

sirpachai, both the last two terms being derived from the festival of the srī panchami. In South Munger it is इर महन्तर har mahantar or इर समत्र har samat, and in South Bhagalpur बोमाता somata or इर समीध har samaudh. Another name current in Sāran is हर्दत harwat.

- 840. The bringing home the plough on the back of a bullock or with the share over the shoulder is इरख्या harkhuli, इरखोतिया harkholiya, or इरख्या harkhūjal, and in South-East Tirhut (optionally) इरखानी harkhugāni. In South-West Shahabad it is इरख्या harkhutāo, and in the rest of the district and in Gaya इरख्या harkhutan. In Patna it is इरबिनार harbinār or इरजीखार harjoār, in South Munger and Champāran इरखोतानी harkholāni, and in Gaya, Champāran, and the South-East इरखोती harkho i.
- 841. The bullocks which draw a plough or harrow are called बर्द barad, and to the west also बेल bail. When it is wished to distinguish them specially from oart-bullocks, they are called in Champāran and Tirhut चट्टा बर्द hattha barad, and to the north-west and in Gaya चित्रा बेल harea bail. A lazy fat plough bullock, which sits down rather than work, is called कोटि korhi or प्राथा parua, as in the proverb कोटि बर्द के पेपार बहुत korhi barad ken phephari bahut,—it's the lazy bullock that puffs and blows.

# CHAPTER VI.—PLOUGHMEN AND AGRICULTURAL LABOURERS GENERALLY.

842. A ploughman is द्वादा harwāha, and to the west also called द्वादा harwāh. In East Tirhut he is also called द्वादा harauri. His wages are called द्वादा harwāhi. An agricultural servant in general is सक्रा majūra or बनिद्दा banihār. An Agricultural servant engaged for the whole year is द्वाद harwar in Sāran and भरवाचा bharsaliya in North-East Tirhut, and one for the whole day is भरदीना bhardāna. A ploughman who works for half a day is द्यादिया dupahariya or द्यादिया dopahariya, or in North-West Tirhut पद्याद paharwar. One who works on advances is उज्जावद or जावद जन agwar (or agwarh) jan to the north-west, द्यादा saonkh in South Bhagalpur कमाद kamāï to the west, क्यादा kamiyaī or क्यादा kamiyān in Patna, Gaya, and South Munger, and जावदा जन lagua ian generally. The last is usually the man who binds himself to work off a debt incurred. When a ploughman receives the use of a plough for one day in three instead of wages in cash or kind, he is called द्यादिया angwariya

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<sup>1&</sup>quot; Har-Samat" is derived from the Sanskrit TT (T) Har-Sambat".
i.e., the (commencement of) the ploughing year or season.

- or समाविद्या agwariya, and to the west संग्रांस angwar. In Saran and Champaran he is also called ट्रेंप्टा tepta (so also in North-East Tirhut), or तिस्रो tisri or तिसर्था tisariya. In East Tirhut a ploughman who works without advances is called उट्टा uttha, as distinguished from इरवासा harwāha or इरोरो harauri, who does take them. A ploughman who works for advances is सामास saonkh in South Bhagalpur.
- 843. In North-East Tirhut uz put or uzī uzī sāti pāti is the custom of a plough-owner employing two ploughmen for each plough each ploughman relieving the other at intervals of eight days. In Shahabed and Patna uzī harai is the custom under which every tenant lends his plough and bullocks to the landlord for two days in the year.
- 844. An agricultural labourer paid in kind is जन jan, also in Gaya and Champāran उपंतिया uphangiya, and in South-West Shahabad बनो bani. One who receives money is नोस्र nokar, or in the north-west पाना jāna. One paid solely in cash is called कोर जा koranja to the north-west. In Patna, Gaya, and South Munger the proedial slaves who are attached to an estate, and cannot leave it, or marry. or in fact do anything without the consent of their landlords, are called नम्र naphar or क्यार्थ kamiyān; and food given to such is विश्व khaihan. A labourer who by custom works a certain number of days for nothing for Government (formerly, and for the landlord nowadays) is called बनार begār. Payments made in kind to agricultural labourers are called बन ban, or in East Tirhut बान bon. Advances to ploughmen are sand agwar in the west and sanith agauri in South-West Tirhut. Elsewhere in Tirhut and to the north-west they are called स्वीपा harauri, and generally समुखा lagua.
- 845. When there are spare bullocks in a field where ploughing is going on to relieve those that get tired, the boy who looks after them is called water anwah in East Tirhut; elsewhere he is utales chrāwāha or altera gorkhiya.

# CHAPTER VII.—RECIPROCAL ASSISTANCE IN CULTIVATION,

846. परतेया badlaiya and पजटा palta or पजटी palti are terms for exchange of labour for labour by agriculturists. To the west it is also called पण painch, in Gaya बर्बो badli, and to the south

generally पारड pāëth. In East Tirhut another name is अवर्षमा janpaincha. The practice of two or more cultivators joining their ploughs and ploughing together, first the field of one and then the field of another, is called generally भाँच bhānj. Other names are अवहरिया bhanjhariya and इर सन्मा har sajiha to the west generally भाँचा bhanjauti in North-East Tirhut, इर भंचा har bhanja in Patna and to the north, इर पहरा har pahta in Champāran and Gaya, भंचड bhanjeth in South-East Bihār, and भाँचा bhanjo in South Bhagalpur. The cultivator in this case is भाँचा वाला bhanjo wāla, or in Tirhut भंजत bhanjait. Another name current to the west is आवारा angwāra, though this properly refers to the custom of paying ploughmen (अग्रवरिया angwariya, see last chapter) by lending them a plough and cattle one day in three.

847. The work which one cultivator does for another in this way is called to the west  $\exists z \, a \, pat$ .

# SUBDIVISION II. MANURING.

#### CHAPTER I.—KINDS OF MANURE.

848. Manure is north of the Ganges खादर khūdar, खदौद, khadaur, खड़ी khaddhi, or माँदीरा gondaura to the west, and भोबा goa, or antel karsi to the east. South of the Ganges, to the west, it is a ghur, and to the east (also in Saran) मनीरा ganaura or मंदीरा gandaura कुड़ा kura, कुड़ा कुरकुट kura kurkut, बहारन baharan, or (in South-East Tirhut) मनिरोद gonraur, is rubbish or road-sweepings. Cowdung is. मोबर gobar. When dried it is called south of the Ganges डमारा damāra, of which a variant in East Tirhut is THIE damār, also in Shahabad and Patna and kanda, and to the west a set kanra. The latter term is also used in Saran. In North-East Tirhut it is also gauthi, and in Champaran गीडी gauthi. In Gaya पेंडी phenti are pieces of dried cowdung. The chot to the west is the quantity that falls from an animal at one evacuation. Cattle urine is and gaunt or and gaut and to the west also मूल mūt. जोइ līd जिही liddi, or जोही līdi is the dung of horses, elephants, &c., and that of sheep or goats is Here! bhenrari, भेनाडा bhenari, or (to the west) केंद्री lenri. Other filth of various kinds is मेला maila, on in South Bhagalpur चिना ghina. refuse of indigo after maceration used as manure is sith. Manure is also called TET hura in South Bhagalpur.

849. A manure heap near a house is देशे dheri, or (in East Tirhut) गोनर gonar.\* North of the Ganges generally it is also मान man. A manure-pit is चूर ghūr, खाइ khād, or खाइर के गाइरा khādar ke garha. A heap of dried grass, sweepings, dung, &c., is in North-East Tirhut and Shahabad क्र kūr. Ashes are राख rākh or छाउर chhāūr, and in South Bhagalpur छोरो chhauro. In Patna and Gaya they are वानी bani. An ash-heap is in North-East Tirhut छोराउ chhaurāth.

#### CHAPTER II.—MODES OF MANURING.

- 850. Heavily-manured land is north of the Ganges खदीइ खेत khadaur khet, or it is called गोन्सायल gobrāël, or in South-East Tirhut भरत bharal. South of the Ganges it is खदीर khadaur, खदगौर khadaur, or खरित kharit in Shahabad. Heavily-manured land is also said to be परायल patāël north of the Ganges.
- 851. The custom of allowing cattle to stand in a field for the purpose of manuring it is called north of the Ganges मेंड्री व साखाल bhenri baisāöl or मेंड्री हिराखाल bhenri hiraol; south of the Ganges it is जिनगर होए ला पूर व साखाल jivgar hoë la dhūr baisāöl, and in South Munger they say दित गोवराव है khet gobrābe heñ.

# CHAPTER III.—MANURE USED AS FUEL.

852. Manure collected in the forests and grazing-grounds and dried for fuel is called north of the Ganges कंट्या kanrra or कट्या karra. South of the Ganges it is दमारा damāra or क्या kanda. In East Tirhut it is दमार damār, and to the west it is also called विद्या मोदरा binua goïtha. Another general name is वन मोदरा ban goïtha. When made up into cakes with chaff and other refuse, the large oblong block are called मोदरा gohra to the west and मोदरा gorha in Champāran and to the east. The next sized round cakes which are stuck on the wall to dry are मोदेश goïntha or मोदरा goïtha. The smallest cakes are दियार chipri. The largest-sized slabs made with both hands are दोहया dohtha, or बोह्या sohthi. करवी karsi, or in Gaya and South Munger उमारी amāri

<sup>\*</sup> Compare for an example of this word the proverb बोद्यारक गोगर दुहु दिख चित्रज goard gonar dubu dis chikkan,—a gowala's dunghill is nest on both sides.

are unmanufactured lumps of dry cowdung dried and stored.

- 853. The pile of cowdung fuel is called to the west गाँडरेंद्र gohraur or गाँडरोंद्रा gohraura. In North-East Tirhut it is गाँडोंद्र gothaur, in Champāran गाँडोंचा gothāulu, and there and in Tirhut टाक tāl. It is इसा chhūa optionally to the west, इसा chhūha or इसो chhūhi in Patna and Gaya इसा इनगा chhua chhanna in South Munger, and इगाँ chhūhi in South Bhagalpur. The pile of the large oblong blocks is also called गोंद्रा gohra or गाँडा gorha as above. The house in which the fuel is stored is गाँडोर gothaur, गाँडोरा gothaura, or गाँडोचा gothaul generally; also गाँड च gothul in North-East Tirhut, गाँड इस gothāhul in Shahabad, and गाँडा घर gotha ghar in Gaya. The operation of making the cakes is पायन pāthab or पायस pāthal, according to locality, or else डोक्स thokab or डोक्स thokal. The place where they are made is north of the Ganges generally प्रयारो pathāri. South of the Ganges it is प्रयारे pathraur in the west, आड़ा âra in Gaya, and पाइर pānrar in Patna.
- 854. In selling cowdung fuel a पन pan equals 20, 22, or 23 महा ganda (i.e. fours), according to locality. In buying the article in Patna the seller gives two cakes extra (called a पनकी panki) for every पन pan bought.

#### SUBDIVISION III.

# SOWING AND TRNSPLANTING.

#### CHAPTER I-SOWING.

- 855. Sowing is to the west ৰাম্মনা boäni, and to the east ৰাম্ম bāway, ৰাম্মা bāög, or ৰাম্ম bāüg. South of the Ganges, and also in Champāran, it is also ৰাম্মাই boāi, or in Patna and South Munger ৰান্য bonn. In South Bhagalpur (and also in Champāran) the word is ৰাম্মনা boani. To sow is north of the Ganges, ৰাম্মনা boāl, ৰাম্ম কৰে bāwag karab, ৰুনৰ būnab, or ৰুননা būnal, according to locality. To scatter the seed is generally ছিত্ৰ chhitab or ছাত্ৰ chhīntab. In Patna মুন্ত্ৰ chulāöb is also used in connection with Bhadoi or autumn crops.
- 856. Seed is बेया bēya or बीइन bēhan. In Gaya it is बिइनाइ bihnāi (also used in Champāran), बिचा bichcha, or शोटा gota, and in South Bhagalpur बिनहाइ binhāi. A grain of seed is दाना dāna

Barrne seeds are अव्वी abbi (or in Shahabad) अवर्द awaī, and fertile seeds are सुमी suggi. Barren seeds are called कुळी kubbi in South Bhagalpur.

#### CHAPTER II.—MODES OF SOWING.

- 857. The following are the modes of sowing:
  - (a) Furrow sowing.— ঘারী dhāri or ঘ্রিয়া dhariya. To plough in this way is धारी लगाएव dhārī lagāëb for धरियाएंव dhariyāëb. South of the Ganges this method is called चटको chutki. In this method a plough goes in advance of the sower, who carries the seed in a basket. He drops it into the furrow as soon as the latter becomes visible. By this method the seed is sown deep, the stalk is stronger and not so liable to be laid by high winds. भटाएन bhathāëb, दोधरिया aodhariya, दोहार dohār, or समार samār is the practice of filling up with soil the furrow in which the seed has been sown, by ploughing a separate furrow beside it. This is generally done in the case of Bhadoi crops. Sugar-cane is not covered in this way in Bihar, but by hand. The long straight lines of seed across a field are known as धारी dhari or una panti. When the ploughing is done round a field, and not across, it is called चौकेटा chauketha, &c. (See § 828).
  - (b) Sowlng by drill.—This is टार tār, टारी tārr, टोर tor, टोरी tori, often spelt टाँर, टाँड़ tānr, टाँर, टाँड़ tonr, &c. To sow in this way is टार्न tārab or टोर लगाएन tor lagāëb The man who works the drill-plough is टर्नाइ tarwah or टोरनाइ torwāb.
  - (c) Broadcast sowing.—This is generally বাৰম bāwag or its variants,—see above. Other names are ছিত্তা chhitta or ছিত্ত আ chhitta north of the Ganges, and ছাত্তা chhitta sonth of it. Maize and similar crops are sometimes sown broadcast on land left soft after an inundation, and are then pressed into the mud by hand. This method of sowing is called তামা dobha, and to sow thus is তামৰ dobhab.

- 858. If the seed is sown on lands which have not been ploughed, it is called दिहा chhitta, दिह आ chhitur, or south of the Ganges जंगली बावम jangli bāwag, पैरा paira (Gaya, also in Champāran), or पाएर pāër or समार samar (Patna and South Munger). कॉटा chhinta or feet chhitta is also used to signify lands in which the seed has been scattered after a single ploughing. It is also specially used for sowing the spring ( रनी rabī) crops on the दोप्रसिना dophasila lands, i.e. those from which the autumn crop has just been cut, as contrasted with the usage palitar or allie chaumas, which are carefully-prepared fallow lands for wheat and similar crops. The sowing of the early rice in dry lands is खरहर बाद्या kharhar bawag. North of the Ganges it is also धरिया बाबग dhuriya bāwaq. South of the Ganges it is in Shahabad and Patna BEET tharra, in the rest of the district खरवाह kaarwah, in Gaya खरव इ kharweh or खरव kharwe, in Patna बीचा baugha, and in South Munger ध्रायुस्सा dhurghussa. In Patna and Gava sowing in a wet field is called day lewa. Sowing wide apart is generally utat patar. Other names are (north of the Ganges) फनाच phakah or फॉफर phanphar to the west and के हर chhehar or पेरसार permar generally. South of the Ganges we find utat pathar in Gaya, पतला patla in South Munger, and पतील patil in South Bhagalour. the last two being also met with in Champaran. Sowing thick is generally चन ghan, बाद garh, or बादा Igarha, North of the Ganges सनोर sajor is used in the same sense.
- 859. Grain that fails to germinate is अब ्वी abbi, निश्वीन nirbij विज्ञाह bijmār, or बीयामार bīya mār. In South-West Shahabad it is वर्षा barua and in South Bhagalpur कुन्ती kubbi. If a man wishes to say that his seeds have not come up, he says इम्मर विद्वनाह मार्क गैंस hammar bihnāï māral gel.
- 860. When from excess of rain followed by heat a crust is formed on the surface, which 'prevents the young plant from coming up, it is called to the west सपट जाइल sapat jāil or सपटा चाइल sapta jāil. In East Tirhut and Shahabad it is called पपरो papri. South of the Ganges it is तावा tāwa to the south-west of Shahabad, or संवटा sewtha in the rest of the district and in Patna. Elsewhere it is संवटा sewta or सन्दा munda.
- 861. Self-grown seed.—Seed which falls on the ground in the field at harvest time, and which germinates next year, is called जमेरा lamera in the west, नम्हेरी namhero in Sou? Bhagalpur, and नम्हेर namher, जम्हेर lamher, or जाम lām in South Munger.

#### CHAPTER III.—SEED-BEDS AND NURSERIES.

862. A nursery for rice is বিভাব birār or বিষয়ে biyār. To the west it is also বঁমা benga and in South Bhagalpur বিষয় bichra or বিশ্বনা bihantar. The young plants which are transplanted from the nursery are generally বীষা biya or মাহা gāchhi. They are also called বীহন bihan or বিশ্বনাই bihnāi. South of the Ganges and to the northwest (when of rice) they are also called মাহা mōrī, and in Champāran নাই jaraī. The bundles of rice seedlings ready for transplanting are আহা anti or আহিয়া antiya.

#### CHAPTER IV.—SOWING TIME.

863. The sowing season is ৰাজনা beani north of the Ganges and ৰামহা bogha south of it. It is also generally called ৰাব্য bawag.

## CHAPTER V .- TRANSPLANTING.

864. To transplant is বাৰে ropab. In Gaya when a man has finished transplanting he says ছালা বৰুষাৰ নিলা hammar banusār bhel,—'I have finished transplanting,' the quantity of rice seedlings transplanted at one place being called everywhere except in the south-east বাৰ bān. A bundle of seedlings is আঁটা ānti, and the man who plants them is called ভাষা dobha or বাৰে ropnihār. The bundles are tied in pairs and set astride over a long bamboo when carried about This bamboo is called to the west বিহ্বাটো bihandhoa or ক্ৰাড kanāth. The man who roots up the seedlings from the seed-bed is called ক্ৰিয়ো kabariya, or in Sāran ক্ৰিয়ো kabariha. In South Munger he is also called মাৰ্ক্যা morkabra. Seedlings which have been re-transplanted, i.e., transplanted more than once, are called north of the Ganges ভাষা khāru or ভাষাৰ kharuhan. The bamboo on which the seedlings are carried is called ভাষাৰ dharangi in South Bhagalpur.

#### SUBDIVISION IV.

# DIGGING, HOEING, AND WEEDING.

# CHAPTER I.—DIGGING.

865. To dig is কাতৃৰ kōrab. In Champaran and Tirhut it is also বামৰ tāmab or ঘাৰে pārab. In South-West Shahabad it is ইপ্ৰ

chhejal. Digging is कोइनी korni, also in Champaran and Tirhut तमनी tamni, in Patna, Gaya, and South Munger निकीनी nikauni, and in South-West Shahabad के जनी chhejni. In South Bhagalpur it is कोइन koran or खंइ khanr. In Saran and Champaran गोइट gohat is digging or hoeing the edges of fields. In Tirhut this is called आदि क्राँटन ar chhāntab.

#### CHAPTER II.—HOEING.

866. Hoeing is खर्षियाना khurpiyāna to the north-west. In Champaran and in Tirhut generally it is करीनी karauni or कमेनी kamaini. South of the Ganges it is कोइनी korni, or in South-West Shahaba इंजनी chhejni. In the month of Asārh (June-July) sugar-cane gets a special hoeing, which is called असारी कीर asārhi kor, and in Champāran and North-East Tirhut टोक्न tokab. In Gaya it is called पासा pāsa, and in Patna असारी कोइन ashārhi koran. In Champaran and the southeast it is अद्रा कोरन adra koran, and elsewhere it has no special name. The first hoeing of the sugar-cane crop, which generally takes place in Māgh (January-February), is called अंधरी कीरन andheri koran in Patna, पासन chālan or उभासन ujhlan in Gaya and to the west, अधरी andheri or भाइनो jkārni in Sāran and South Munger, and भूरनी jhurni in South Bhagalpur. North of the Ganges it has no special name. Hoeing is called केसीनी kelauni or कमोनी kamauni in South Bhagalpur.

### CHAPTER III.—WEEDING.

867. Weeding is कारीनी kerauni or कामें नी kamaini north of the Ganges. In the west generally it is सहनी sohni. Elsewhere it is generally कोड़नी korni, and also इसकी harkhi in Patna and उभावन ujhlan in Gaya and Shahabad. In South Bhagalpur it is optionally कोजीनी kelauni, or कामोनी kamanni and करोनी kerauni reappears again in South Munger. To weed deep is भर खरणी सोहब bhar khurpi sohab; also कोड़ देव kor deb to the north-west and in North-West Tirhut, and खाभवा khābhal in Saran and Champaran. In Patna the operation is called विसमादी bismādi, and elsewhere it has no special name. Superficial weeding is खर्णियान khurpiyāna in the north-west and निकाबन nikāwan in the south-east. In Champaran and Tirhut it is called टिपनी tipni. The digging up a field to clear it of weeds before ploughing is तामन tāmab, also in North-East Tirhut टोकन tokan. The operation is called तमनी tamni, or in North-East Tirhut

- टोक्नो tokni. Weeding by hand is चिख्रनो chikhurni in the northwest and उक्टनो uchhtani in Ghamparan and Tirhut. In Patna, Gaya, and South Munger it is इांच में निकारन hanth señ nikāëb, and in South Bhagalpur चक्राई thakurai. In Shahabad it has no special name.
- 868. Weeds are चास ghās or घास पात ghās pāt. In the northwest they are also इसहांदर dābh dāndar, and in Tirhut भू dhā. When collected and burnt as manure, they are खाहर khādar in the northwest, and गोआ goa there and in Tirhut. In Patna and Gaya these are अवाह alāh or डाही dāhi, हूरा hūra in South Munger, and हारो chhāro in South Bhagalpur.
- 869. Wages for weeding are बोहाइ sohāi or चिख्राइ chikhurāi in north-west, and in the east generally simply बन ban. In Patna and Gaya they are निकीनी niknuni, in South-West Shahabad बनो bani, and to the west generally बनिहारो banihāri.

#### SUBDIVISION V.

# WATCHING CROPS.

- 870. Watching of crops is generally रखवारी rakhwāri, स्रोरो agori, or स्रोहिया agoriya. Other terms are रखवाही rakhwāhi or बसक्खी balrakkhi in Patna, जावारी jagwāri or बसवाहा hadhwāha in Gaya, बसवार badhwār in East Tirhut, and जोगाएव jogāeb in Champāran and South Bhagalpur. In Champāran and the south-east हाँको hānki is to drive crows off a field. Elsewhere it is कौसा हां कव kaua hānkab, &c. A field-watchman is रखवार rakhuār, स्रोहिया agoriya, or स्राहित्वार agornihār; also बसरक्खा balrakhha in Patna, स्रोहर agora there and in Champāran and South Munger, जाबिर्या jagwariya in Gaya, and जोगियां joganiyān ir South Bhagalpur. The दशवार badhwār or बसवाहा badhwāha is generally a man appointed to watch the fields of a number of cultivators and paid by the landlord.
- 871. In the north-west क्रेंबिहार chhenknihār, and in North-East Tithut चक्रवेदार chakledār, is a man appointed to watch on behalf of the landlord to see that none of the crops is carried away before the demand is paid. Elsewhere he is simply called पियादा piyāda or बराहिल barāhil, but to the south-east he is सिरमान sirmān or बक्राक्षा balrakkha. To attach the crops thus is called रोक्न rokab: hence the

Anglo-Indian phrase "to roke crops." The act of "roking" is called in the north-west styl chhāpa.

872. When cultivators club together to watch their crops in turn, it is called north of the Ganges **પা**হা pāri, মাস bhānj, or মাজা bhānja. It is also **પৱা** patti in Patna, Gaya, and the west; also **પহিছ** parihar in Patna and Gaya, पेडी pethi in South-West Shahabad, and **पাएड** pāēth in South Munger.

#### SUBDIVISION VI.

# REAPINGIAND GLEANING.

### CHAPTER I.—REAPING.

- 873. Reaping is कटनी katni, or to the north-west कटिया katiya In South-West Shahabad it is जीनी launi. To reap is काटन kātab, or in South-West Shahabad जीनी करज launi karal. To cut cane is छोजज chiolal in the north-west, गाँडा करज genra karal to the west, पारन pārab in Champāran and Patna and Gaya and South Munger, and चूर काटन ghūr kātab in South Bhagalpur. Cane cutting is पतीर पारन pataur parab in South Bhagalpur.
- 874. The man who cuts the cane is described in section 292. A reaper is कटनिस्थ katnihār north of the Ganges and in Patna and to the south-west. He is also दिनिस्थ dinihar in Patna, Gaya and South Munger लेवनिस्थ leonihār or कटनिया katniyān to the west Elsewhere he is simply जन jan, बनिस्थ banihār, &c. Harvest time. is कटनी katni. The wages of harvesting are दिनौदा dinaura in Patna and Gaya, and दौनी dīnī in Champāran, Gaya, and the south-east. Another name is in Gaya ग्राय gudara, or in Sāran ग्राय gudar. Elsewhere they are जन ban, or in South-West Shahabad जनी bani.
- 875. Cutting the ears without the stalks is ब्लकट balkat generally Other names are ट्रंगनी tungni north of the Ganges and to the west आला agla in Champāran and Gaya, कहर katuī in South-West Shahabad, uing pāngal to the west, and नन्द्रकटनी nankatni in South Munger. So also in East Tirhut it is ननकटनी nankatni or (also in Champaran) सिमकटनी siskatni, and in South-East Tirhut दिएकडा chhipkatta. It is आजहा agra or बला। alga in South Bhagalpur. Cutting crops at the root is जरहोरनी jarchhorni, (in South-East Tirhut जरमहा jarkatta, or (in South Munger) जरहोरा jarchhora.

876. To shake the fruit off a tree is आरमारायल jharjharāël in the north-west. In Champāran and West Tirhut it is भारतायब jharkhāëb, and in East Tirhut भारायब jhakāëb. To the west it is भारता jhoral, and also, generally, दोलब dolab or पोलाय देव dolāy deb. भारायब jhatāhab is to knock down fruit from a tree by throwing up sticks into it (see § 41).

### CHAPTER II.—CUTTING OF UNRIPE CROPS.

877. Unripe crops are sometimes cut for food. North of the Ganges this is known as गहरा gadra or क्चा kachcha. Other names are माहा gāda and महा gadda. In South Munger it is माहर çādar, and in South Bhagalpur with in The last two are also met with in Champāran. A word used to the east generally is कचरी kachri. In the north-west समञ्ज samahut is a little grain cut first, and this is सम्रत sumut in North-West Tirhut, नेवान newan in Saran, and नेवान neban in Champaran and Tirhut. First horha is unripe grain cut for parching. It is also called with orha in Tirhut and the south. east, and optionally होलहा holha in Champaran and South Munger The green ears of Eleusine coracana (मह्त्या marua) treated in this way are called उम्मी ummi or जमी umi to the west and in Tirhut and जनी uni in Champaran. आजी alo in Gaya is the part of the crop which is reaped by a cultivator for present eating before the whole is ripe. Sometimes unripe pulses and barley are rooted up and given as fodder to cattle. This is called in Saran Taja rakhānt.

## CHAPTER III. - GLEANING.

878. A gleaner is विनिद्धार binnihār or विनियां biniyan to the west. He is also generally लोटनिद्धार lorhnihār, with variants लोटनाद्धा lorhtahar in Patna, Gaya, and South Munger, and लोद्धा lorra in South Bhagalpur. Gleanings left on the field for the lower orders are भारा jharga or भारा jhārang to the west, and लोटो lorhi or लोटिया lorhiya to the east and in Champaran. Other names are भारा jharua (Patna and North-West Tirhut), भार jhar (South-East Tirhut), and क्टल पटल chhūtal patal (Champaran and Tirhut). Gleaning is called ir Gaya and South Munger लोटा विचा lorha bichcha, and gleanings are लोटा lorha.

#### SUBDIVISION VII.

# THRESHING AND WINNOWING.

#### CHAPTER I.—THE THRESHING-FLOOR.

879. A threshing-floor is everywhere खरिष्ठान kharihān, with an optional variant खरिष्ठानी kharihāni in Patna. The shed erected on the threshing-floor is मण्डे maraī, खाँपड़ो khompri, or भाँपड़ी jhompri In Patna it is मचना maruka or भाँपड़ा jhompra, in Gaya क्राइ kurha, and in the south-east खाँपड़ा khompra.

#### CHAPTER II.—SHEAVES AND BUNDLES.

- 880. The cut crop is डाँड dānth to the north-west, or डाँड dānt in North-West Tirhut. In East Tirhut it is जार lār. In Shahabad it is जेन्द्री lehni, in Champāran जेन्द्र lehan, in Gaya पतीर pataur, in Patna पतीनी patauri or पतनी patni, in South Munger पातन pātan, and in South Bhagalpur पत्तन pattan. In Shahabad it is called परहारी pathāri, and in Saran पथारी pathāri, when it is left a day in the field without being gathered.
- 881. In considering the nomenclature of the sheaves it will be convenient to take North and South Bihār separately.

# NORTH BIHAR.

- 882. The smallest sheaf, about a handful, is called महा mūtha, सहा muttha, or पूजा pūla; the next largest is the चंवांसा anwānsa (northwest), औरहा autha (North Tirhut), and साइज āhul or सहजा ahula (East Tirhut); the next largest is the संदित्रा antiya or (Champaran and North-West Tirhut) पसदी parahi; the next largest is an armful or पाँचा pānja; the next largest is a नोभा bojha; and the largest of all that carried on a bullock, जर्ग ladna. The relative scale of some of the above is generally as follows:—
  - 4 मूठा mūtha = 1 अ वाँसा anwānsa or खौरहा au!ha.
  - 8 और हा aulha= 1 पाँजा pānia.
  - 4 पाँजा pānja = 1 बोम्ना bojha.
  - 16 बोमा bojha = 1 बोरही sorhi.

In East Tirbut the following scale obtains:-

- 4 आह्र  $\bar{a}hul=1$  के हुनी kehuni.
- 4 बैहनी kehuni = 1 पाँचा panja.
- 4 पाँचा pānja = 1 बोम्ना bojha.
- 16 बोक्ता bojha = 1 सोरही sorhi.
- 16 सोरही sorhi = 1 सोरहा sorha.

883. The word ৰাছে sorhi is a common unit for measuring produce. Thus, a raiyat will say that such and such a field gives so many ৰাছে sorhi to the bīgha.

## SOUTH BIHAR.

884. The proportions vary in different places, as follows :-

SOUTH-WEST SHAHABAD.

2 sy'aitel anwansi

= 1 अंटिया antiya or होमड़ा domra.

10 ditto

= 1 पाँचा pānja, पूरी rūri, or खाँटी

3 पाँजा pānja, पूरी pāri, or आँटी ānti = 1 बोका t bojha.

30 ditto

ditto

= 1 निसौर tisaur.

āntı.

#### SHAHABAD.

10 खंवांसी anwānsi = 1 अंटिया antiyr or पनिष्यीचा panpiaua.

4 म्रंटिया antiy । = 1 बोभा bojha.

Or 10 आंबी  $\bar{a}nsi$  = 1 पांजा  $p\bar{a}nja$ .

4 पांजा pānja = 1 बीभा bojha.

21 बोक्ता bojha = 1 एकैसिया ekaisiya.

PATNA.

4 अरपा arpa = 1 आंटी anti.

5 खाटी anti = 1 माही gahi.

5 गाडी gāhi = 1 बोम्ना bojha.

Or 5 खरपा arpa = 1 पांचा  $p\bar{a}nia$ .

5 पांची pānja = 1 बोका bojha.

21 बीमा bojha = 1 एकेसी ekaisi.

GAYA.

3 छारपा arpa = 1 आंटी  $\bar{a}nti$ .

5 खांटो  $\bar{a}nti = 1$  गाञ्ची  $g\bar{a}hi$ .

10 गाही gahi = 1 बोभा bojha.

Or 9 आर्पा arpa = 1 पांजा  $p\bar{a}nja$ .

3 पांचा panja = 1 बोक्ता bojha.

21 बोमा bojha = 1 एकेसी ekaisi.

South Munger.

The same as Gaya, except that 4 utat panja = 1 air hojha.

SOUTH BHAGALPUR.

4 गौँतो gaunti = 1 ग्रांटी anti.

4 खांडो ānti = 1 पांजी pānjau.

16 मांटी  $\bar{a}nti$  = 1 बोम्मा tojha.

16 बीभा bojha = 1 सोरही sorhi.

- 885. The word एकेंसे ekaisi south of the Ganges is used in much the same way that सोइहो sorhi is used; so also विसोइ tisaur. It will be seen that the above scales are not always consistent amongst themselves. This is the fact, and is due to a difference in the size of the unit according to locality. The नोसा bojha is about the same everywhere.
- 886. An अक्षार akwār or अंकवार ankwār (optionally), or in Patna and South East Tirhut केंद्र्गी kehuni, is as much grain as can be carried between the arms, and सथनोक्षा mathbojha is a load carried on the head. Out of each बोक्सा bojha one आंडो ānti is given to the labourer who cuts and carries away the crop, and the remainder is in Shahabad called गुदार gudar.\* गुष्ड gund in Patna or गृंडा gūnra in Gaya is a bundle of cut pulse.

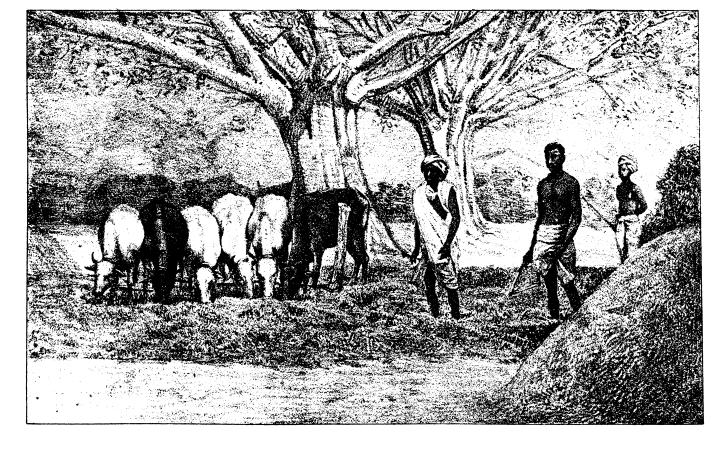
# CHAPTER III.—TREADING OUT GRAIN.

887. Treading out grain is दोनी dauni north of the Ganges. To the west and in Patna it is also दौरी daunri or मिंजनी minjni. The latter word is principally used when the grain is trodden out by men and not

<sup>\*</sup> The स्नाटी anti given to, or rather taken by, the reaper varies in size, as is witnessed by the proverb कोढ़ि कटविष्टार कें सुङ्गर सन आंटी korhi hatnihar ken mungar san anti,—the lazy reaper gets a bundle as thick as a club.

by bullocks. In Shahabad it is होरी dauri, and so also in the south-east. In Champāran, Patna, Gaya, and South Munger it is ह्वांही dawānhi, and in Patna also (when trodden by men) में जनी mainjni. In South Bhagalpur सहरी sahri is a thorough threshing of corn, The beating out of the heads against the ground or bed to disengage any grains that remain is घोटन pītab, स्नाइन jhārab, or स्नाइन jhāntab north of the Ganges. It is also घटारी petāri to the west, हंगीनी dangauni in Patna, पिटनी pitni in Champāran and Gaya, हंगीनी dengauni in East Tirhut and South Munger, and स्नाइनी jhantni in South Bhagalpur. Treading grain is हमाहो damahi in South Bhagalpur.

- 888. The first treading out of the grain is called पौर paur; the second treading is डाटो दाँबन danti dānwab north of the Ganges and in Shahabad, or तोडाएन torāëb in North-East Tirhut. To the west it is छांडन chhāntab, in Champāran and Patna it is खर्दोनो khurdauni, in Gaya खर्दोतो khurdani, and in South-East Tirhut and South Munger खर्देर khurdāin. The first treading out of the grain is also called ख्या khua or खोद्या khoa and the second तरमार tarjhar in South Bhagalpur.
- 889. The stake to which the Unllocks are tied in treading out the grain is मह menh, with local variants Her menha (to the north-west and in South-East Tirbut), में इडा mehta (Patna), and मोही minhon (South Bhagalpur) In South-West Shahabad no centre stake is used. A bullock stands in the centre, who is called में दियां वेस menhivan bail. In other places the inner bullock next the post, which is the slowest and weakest of the team, is called में दियां menhivan generally: also HEI mentha in Champaran and South-East Tirhut, and HEET mehta or HEET menhta in Gaya and South Munger. In South Munger he is also भेडा meha, and in South Bhagalpur मोद्दां mihan. Another name for him is in Gaya क्राइट्डिंग kurdahina. The outer bullock, which is the smartest of the team, is called ute path or user pathiya to the west, to the north-west and in North-West Tirhut utan patiga, and in East Tirhut पाट वाला pāt walā. In South-East Tirhut it is आगहार agdāën, and variants of this are अवहाद agdāin in Patna and South Munger, आंगहाइन agdain or अगरियां agdainyan in Gaya, and सगदाइ' egdāin in South Bhagalpur. Iu South-West Tirhut he is पेरा phera. The rope which goes round a bullock's neck is सरहांच gardanw in the west and in South Munger, need yardani in Champaran and West Tirbut, and nitten garaundha in Patna. The main rope to which all the hullocks are tied is मन भा manjha, also दींदी daunri to the west, शेरड़ dannear or होगहा dogaha in West Tirhut, and कराम karām in East Tirhut. In Patna, Gaya, and South Munger it is saist dawanhi, and in South Bhagalpur sing dammer. In



A threshing floor (kharikan) The man standing on the right of the picture holds in his right hand a threshing-ruke (akhaina)

Champāran and Gaya, it is also called at kānr or ater kānra. The rope by which the main rope is tied to the stake is at ghāri or Helel menhauti in Patna and Gaya, and stat donra in South Bhagalpur.

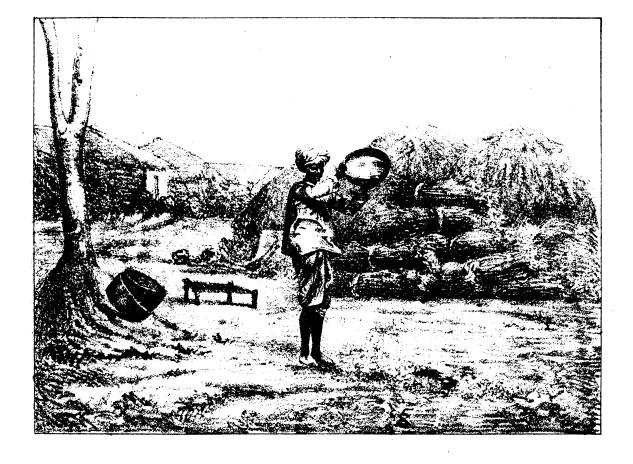
#### CHAPTER IV.—CROPS ON THE THRESHING-FLOOR.

- 890. The pile of sheaves.—When the crop is piled in bundles on the threshing-floor it is known as गाँच gānj. Other names are टाज tāl (north of the Ganges and Shahabad), गाँचा galla (North-West Bihār), दिशे dheri in Gaya, and काँड kānr or काँडा kanra in Chainpāran and to the east; also खन्दार khamhār in South-East Tirhut. When the cut crop is piled like a stack in England, with the grain heads inside to save them from rain, it is called कोडियो kothiyau in Saran, and पूज pūni or पूँजीर punjaur to the north-west and in Patna, Gaya, and the south-east. When rahar (cytisus cajan) is piled on end to ripen before threshing, it is called खडा टाज khara tāl north of the Ganges. Stacks are rarely raised on platforms in Bihār, but when it is done the platform is called मचान machān.
- 891. The spread-out crop.—When the crop is spread out flat on the threshing-floor, ready to be trodden out by the bullocks, it is us pair north of the Ganges and in Shahabad. Other names are use paur or use pauri in East Tirhut, use khoh in Champaran and South East Tirhut, use barhora in Patna and Gaya, usus barhara in South Munger, and usus khua or uses khoa or use paur in South Bhagalpur.
- 892. The crop after it is trodden.—After the crop is trodden out the pile of chaff and grain ready for winnowing is सिझी silli north of the Ganges, in Patna, and the south-west. Other names are क्टॉव kutānw (Patna and North-West Bihar), देशे dheri in Champaran, Tirhut, and South Munger, पेर pair in Champaran and Gaya, and बार dhār in South Bhagalpur. In South-East Tirhut it is also उनाम ukām (also in Patna) or उन्नम ukum, and in Shahabad उनांच ukātw.
- 893. The heaped grain.—This is the ras or the dheri, also in North-East Tirhut with khor. Over this is placed a cake of cowdung to avert the evil eye. This is atta barhanw (Patna and West Bihar) and assets barhawan in Gaya and the west; but atta barhanw is more properly the dung deposited by the bullocks while treading Other names for the cake are unit mahade or united mahadeb. A

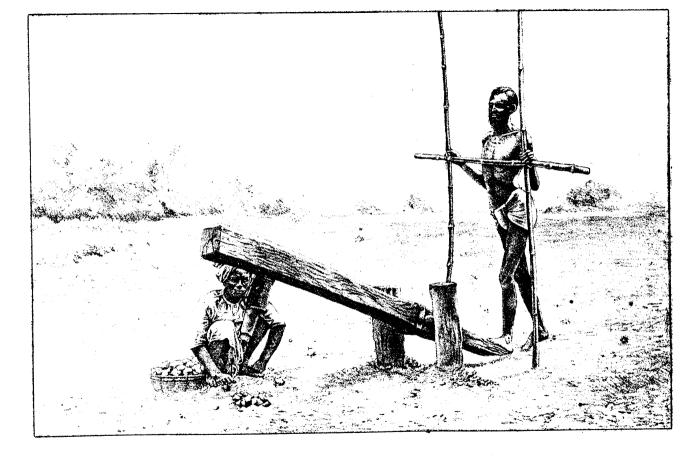
piece of moist earth stamped is sometimes used in the same way, and is called Trans  $ch\bar{a}kal$  to the west and Euri chhappa generally. In South-East Tirhut a piece of wood so used is called Trans $j\bar{a}k$ .

- 894. The heaped straw and chaff.—Straw in bundles is पूजा pūla in Patna and north of the Ganges, except in North-East Tirhur, where it is magan jhatua. South of the Ganges, and optionally in Saran, it is बाही anti or अंडिया antiya, except in the southeast, where it is प्राः pulla or विंडा bifira. Loose straw that has been threshed is प्राप्त puara (to the west) or प्राप्त puar (to the east). Local variants are पोरा pora (also in West Tirhut) or पांचार poar in Patna and South Munger. When it has not been threshed, but has been left standing in the fied after the eare are cut off and then itself cut, it is called TIE nar, and also (to the east) WIE lār. Its stalks are whole, and are not crushed like threshed straw. नवारी newāri or in South Bhagalpur गभौरी gabhauri is straw which is cut with the ear, but is not trodden by bullocks. It is tied up in bundles, and the heads are beaten against the ground. The husks of the grains are भूसा bhūsa or सुसा bhussa. South of the Ganges a nasal is generally inserted—thus, भं बा bhūñsa. Other names are कदुआ katua in Patna and Gaya, TET gundo in Champaran and South Bhagalpur, and GET khakhra or LET dhulla in South Munger. Bran is चोबर chokar, also in Patna and the west भूसी bhūns. Other names are चर्तीसी chulaunsi (Patna and the west), कोराइ korāi (Patna, Tirhut. and the west), चौकर chonkar in Champaran and Patna, and चौकरा chokra in South Munger. The heaped straw on the threshing-floor, or a stack of straw anywhere, is गाँज gānj or टाल tāl. विस्ती silli is also specially used for the heap of straw on the floor. Loose straw that has been threshed is Hier mira in South Bhagalpur.
- 895. An enclosure for stacking straw or fuel is च रान gherān, in West Tirhut, Saran, and Champaran, चोरान ghorān in Shahabad, and चेरा ghera or टाउ dhāth in Champaran and Tirhut, the latter specially to the east. To the west it is परनड purwat. A house for holding chaff is मुखाल घर bhusaul ghar in the north-west and West Tirhut, and मुख्यार bhuskār, म सम्भावा bhussbhulba,\* or (also in Champāran) म सद्धार bhuskhār to the east. In South-West Shahabad it is म सार्च bhunsaur, and to the west generally of that district म सार्च bhunsaur. In Champāran and Patna it is मोंचीजा

<sup>\*</sup> As in the proverb कुटल घोड ससामुखब्दि ठाइ chhuttal ghor bhussbhulbahin tharh,—a horse, when he gets loose, stays in the chaff-house.



WINNOWING (OSAUNI)



BRICK-CRUSHING MACHINE (DHENKI).

bhoksaula, and there and in Gaya सूचा चर bhusa ghar. In Champaran and South Munger it is स्वार bhusghar, and in South Bhagalpur स्वारो bhuskāri. खाँप khomp or खाँपो khompi uorth of the Ganges i a small shed for chaff. The round thatch covering a खाँप khomp to save it from the weather is खाँप के सचनी khomp ke mathni, छांबनी chhāoni, or उपाप topar. In South-East Tirhut चाँग chāng is a large basket for holding chaff equalling four जोकड़ी tokri. टंगोर tangaur in the same place is a similar one, but is rougher and made of rahar (cytisus caian). चोरान ghoran is also used in South Bhagalpur.

896. The refuse straw and fodder .- This is in the north-west जोचार gothar, to the west and in North-West Tirhut it is जायेर lather, in Champaran and North-East Tirhut नियास nighas, and South-East Tirhut निधेस nighes. South of the Ganges and in Champaran it is ভাঁৱী dānti. The refuse straw of the rabi or spring-crop, and specially of the rahar (cytisus cajan), is tist raretha generally south of the Ganges, local variants being जरेटा laretha in South Bhagalpur and in Champaran रहेडा rahetha. In Patna it is also called खरहे kharaī. The refuse straw of the autumn crop is डाँट danth or इंद्रका dantuka or क्राटका kutka north of the Ganges. It is also to the west and in l'atna চুহা dhattha, and elsewhere ভাঁত dant, ভাঁতা danta, or ভাঁতী danti. In South Bhagalpur and Patna, however, it is 33 it thathero When applied to janera (holous sorghum). The dry stalks of mustard (सिर्म) sariso) are मण्डी santhi in the north-west, तिलठी tilthi to the west and in North-West Tirbut, तोश्यादी toriyāthi in South-West Tirhut, तोरियड toriyath in Shahabad, and तिलाडी tilathi generally The stalks of cereals without the ear are interpreted to the west and in South-West Tirhut, भेगारा jhegta in Champaran, डाँड dant in the rest of Tirhut, काङ्गा jhanga in Champaran, and कार्रेश jhang also in South-East Tirhut.

# CHAPTER V.—WINNOWING.

- 897. Winnowing grain is घ्योचीनी osauni. To winnow is चोचाएव osāëb.
- 898. The fine chaff which is blown away by the wind in winnowing is प्रसी pambhi generally; also पाँकी pānki or पाँभी pāmbhi to the west, गुडी gānri in Champararan and South-East Bihār, and भौडा bhaunts in Patna. South of the Ganges these words are confined to the winter (ighani) crop. The words for the autumn (Bhadoi)

crop are प्रेची puresi or प्राची puarsi to the west, and प्राची pakhni in Patna and Gaya. In South Munger अवसरी adhbhari is rice not fully developed, in which the ear is only half full, the rest being all chaff.

### CHAPTER VI.—MISCELLANEOUS.

- 899. The gathering or collecting grain at one place in the time of harvest is adject batoran or will be lorhan.
- 900. When grain is being weighed, an extra handful is thrown to make up for dust, &c. This is called used pachhua generally, but also use kāsar to the west and use phāo in the south-east. It is also called use lābh in Champāran and South Munger.
- 901. The grain left on the threshing-floor after removing the bulk of the crop is what agwar generally north of the Ganges, and was bhath in South-East Tirhut. South of the Ganges and in Saran it is at tari. The gleanings and refuse grain on the threshing-floor are usur patpar in the north-west and way with the chaff at the time of winnowing is what agwar or what agwar to the west, while agar in Champaran, Patna, and Gaya, and what agbar in the south east.

#### SUBDIVISION YIII.

# DIVISION OF CROPS.

# CHAPTER I.—DIVISION AND VALUATION.

- 902. The division of crops on the metayer system between landlord and tenant is called बटाइ batāï or बटें या bataiya. Local variants are बांट bānt in Champaran and Gaya, बांटो bānti in Champaran and South Bhagalpur, and बटाइ bantnu in South-West Shahabad. Land so held is called भावती bhāoli or बटें या bataiya, as opposed to नाइ nagdi, of which the rent is paid in cash. In South Bhagalpur the division of the crops is called क्रायाची kurtāli when between tenant and sub-tenant.
- 903. In Tate batār a certain fixed proportion of the crop is given to the landlord as rent, as described in the following chapter. When,

instead of a proportion, a certain fixed quantity of the crop per bigha is paid to the landlord, it is called मनखप mankhap, मनठीका manthika, इंग्डा hunda, or मन इंग्डा manhunda. This is especially adopted in the case of fatta jirat or home-farm lands when let to a cultivator. Patna it is called सनी बन्दोबस्त mani bandobast.

#### CHAPTER II.—THE SHARES INTO WHICH THE CROP IS DIVIDED.

- 904. Half to landlord and half to tenant.—This is called अधिया adhiya north of the Ganges and in the south-west, in Patna and Gaya अधबटेया adhbataiya or पह rah, in Champaran and the south-east क्षविद्या adhbatiya. In South-West Shahabad they say इ. हाना में चे एक हाना जिमहार वेशका, आउर एक हाना खसामी के देहला du dana men set ek dana jamidar lehala, aur ek dana asami ke dehala,-of two grains, the landlord takes one and gives one to the cultivator. The turn of the sentence which makes the landlord give the cultivator his share is worth noting.
- 905. Seven-sixteenths to landlord and nine-sixteenths to the tenant.—This is नौसत nausat or नौसत्ता nausatta. The practice has only been noted in the west, Patna, Gaya, and South Munger. In South-East Tirbut the custom is only observed in respect to mangoes and jack-fruit.
- 906. Nine-sixteenths to the landlord and seven-sixteenths to the tenant.—This is नौसत्ता nausatta. The practice has only been noted to the west and in Patna, Gaya, and South Munger; also (सेरो नौतत्ता seri nausatta) in West Tirhut.
- 907. One-third to the landlord and two-thirds to the tenant. -This is तेन्नरी tekuri or तिहै या tihaiya in Shahaba I, Patna, and Gaya तंत्रा tekura in South-West Shahabad, नेखरी tekhuri in South Bhagalper, तेन्नली tekuli in Champaran, तिसरी tisri in Saran and Champaran. and त सरी tesri in South Munger. Not noted elsewhere.
- 908. Two-fifths to the landlord and three-fifths to the tenant, -This is पचर pachdu to the west and in West Tirhut, पञ्चा द्वा pachcha dua in Patna, Gaya, and the south-east, and utat panchdu to the west. Not noted elsewhere.
- 909. Three-fifths to the landlord and two-fifths to the tenant. -This is पचर् pachdu to the north-west, and पाँच र्जा pāncha dūa in South Munger and Tirhut. Not noted elsewhere. 26

g8 R. & J.

- 910. Landlotd one-fourth, tenant three-fourths.—This is चौचेया chauthaiya in Champaran and South-East Tirhut and चौडेया chauthaiya to the west and in Patna and Gaya. Not noted elsewhere.
- 911. The following remarks as to custom south of the Ganges may be of use. The division into equal shares is rare, and is confined to the cases of high-caste tenants, or where a tenant has obtained a decree of the Civil Court restricting the landlord's share to one-half. Nine-sixteenths to the landlord and seven-sixteenths to the tenant is the customary rate, the two-sixteenths in excess which are claimed by the landlord being supposed to represent the cost of collection, irrigation, and watching the crops. When the landlord takes less than a half-share of the crop, as in §§ 905, 907, 908 and 910, it is only in exceptional cases, as in time of drought, or when a jungle or waste land has to be brought under cultivation, or when land requires much labour on the part of the tenant. In these cases the settlement is always for a limited period, say one, two, or three years, and is often on a progressive scale, i.e., in the first year the landlord takes one-fourth, in the second year one-third, in the third year two-fifths, and thereafter half of the gross produce. When the landlord takes three-fifths and the tenant two-fifths (§ 909), it is a case of special agreement with a landlord, who lets his private (মুহুকায়ের khudkasht) lands. In calculating all these shares (except in the case of division by bundles, see § 913) only the net grain produce after threshing is divided. The tenant in addition takes all the straw.

## CHAPTER III.—DEDUCTIONS AND REMISSIONS.

912. A deduction of one ser in the maund from the amount received by the tenant is called उपनी supahi to the west, and also साही serhi in Shahabad. A similar deduction of 14 sers per maund is called in South Bhagalpur नेम neg, or perquisite. In the case of division by appraisement (see next chapter) an allowance is made for deficient produce. This is called to the west and in Tirhut इट chhūt. South of the Ganges and in Champāran it is called मानी garki, also नाम ए nābud in Patna, इट्टती chhutti in Gaya, मानी पानी garki parti in South Munger, and मानी मानी marki garki in South Bhagalpur. A similar deduction of 1½ sers in the maund is called in Champāran, Patna, and Gayu इट मेरी derhseri; and when of two sers, इसरी duseri. To the west दशा महार dohār mahār is the loss to both landlord and

tenant when the produce is deficient through inundation. A remission to a high-caste tenant is called **पगड़ो** pagri or मापी māphi. North of the Ganges **पहचा** pachhua is an allowance made by the tenant for dust in the landlord's share of the grain. In Saran and Patna बाउदो anjuri, and in Shahabad बांबाद ānjur, is an allowance of one or two sers per plough taken by the tenant. खिल्हानी khalihāni in Patna is an allowance claimed by the tenant, and so also is **मांबर** bhāmwar in Shahabad and मंगनी mangni or मांगन mangan (ha ser in the maund) in East Munger.

# CHAPTER IV. - MODE OF DIVISION.

913. This may be considered under two heads,—division on the field and division on the threshing-floor.

Division on the field.—This may be done either by actual division of the bundles (बोम्मा bojha) or by appraising (क्वब kanab) the value of the crop. When the bundles of the cut crop are divided, this is called ब्राम्बटाइ bojhbatai or (in Champaran and South-East Tirhut) खरवटाइ kharbatāi. To the north-west it is जनाती बटाइ jajāti batāi. The rough appraisement of the crops for the purpose of division is called an han or कूत kūt, or कनकूत kankūt or कनकुत्ती kankutti. When the valuation is done by appraisement it is called वानकत्ती बटाइ kankutti batār. It is also called दानाबन्दी dānābandi generally, भौकटरा bhaukatta in Shahabad and the south-east, इमान damāo or इसकटटी damkatti in Shahabad, Patna. and Gaya. When the crops are ripe for harvesting the landlord deputes an assessor (अमीन amīn) and an arbitrator (सालिस sālis) to the They are met there by the tenant and the village efficials. village measurer (कठाघर kathādhar) then measures the field with the local pole, and the arbitrator goes round it, and after a consultation with the assessor and the village officials estimates the quantity of grain in the field. If the tenant accepts the estimate, the quantity is entered in the patwari's field-book (GUT khasra) and the matter is at an end. the tenant objects, his fellow tenants are called in as mediators. and if they fail to convince either party a test (UTATE partar) takes place. On behalf of the landlord a portion of the best part of the crop is reaped, and an equal portion of the worst part is reaped on behalf of the tenant. The two portions so reaped are threshed and the grain weighed. On the quantity thus ascertained, the whole produce of the field is calculated and entered in the field-book. The tenant is then at liberty to reap the crop and take it shome whenever it suits his convenience. In calculating the amount due to the landlord from the whole estimated quantity a deduction in favour of the tenant of generally two sers per maund, called set chhutti, &c., (see § 912), is made to allow for deficient produce and for the cost of reaping, gathering, and threshing, which in this system of division is borne by the tenant. The remainder, thus calculated, is then divided into the respective shares of the landlord and the tenant, and the latter is debited with the landlord's share in the accounts. If he pays this amount within the year, it is paid in kind; but if he does not do so, its value in money is written against him as an arrear in next year's accounts.

914. Division on the threshing-floor.—This is बटाइ खरिष्टानी batāi kharihāni, खागेर बटाइ agor batāi (because it is watched or guarded till division), or sets batāi simply. The man who weighs the grain is called EZAT halwa north of the Ganges. He is also इटवे hatwe in Champaran, Patna, and Gaya, बाया baya or बया baya to the west, सोनार sonar in Patna, and केन्य्राल keāl or बनिया banivān in Patna and the south-east. His fees are called इटबाइ hatwāi or इटवर्ड hatwai north of the Ganges, and also पक्का pachhua in Champaran and Tirbut. In Champaran and East Tirbut they are also सनपूर्व manpai or सन्पौद्धा manpaua. To the west they are नेयाइ beyāi or प्रश्नि pawahi! (1 ser per maund), in Gaya and South Munger चौज्या chālsa, in Patna and Champāran धुरिया dhuriya (4 ser per maund), and in the south-east के आ की keālī or तीलाइ taulāi (one ser per maund). When grain is measured instead of being weighed, 16 cups (पैका paila) of grain make one आहा ārha. In this system the crops are reaped under the supervision of both parties, and are gathered on a common threshing-floor (see § 879), and strictly watched by both parties. Threshing does not take place until all the crops of the village have been thus gathered. Neither party is allowed the use of the crop till the grain is threshed out, weighed, and divided. During the reaping period the tenant at the end of each day gets the gleanings of the field silet lorha, &c., see § 878), and a fixed proportion of the gross produce (दिनोरा dinaura, &c., see \ 874), which go as wages to the reaper. From the joint crop the village artisans and officials (carpenter, blacksmith, shoemaker, accountant, &c., see §§ 1193 and ff.), who have worked all the year round for both tenants and landlords, receive their perquisites. When the heap of grain is ready for division, the grain

which is blown away with the chaff (ant agar &c., see § 901) is not divided, but is all the property of the tenant. Out of the common heap are then set aside the dues given for religious purposes (fags that bisun pirit, &c., see § 1203, and out of the grain thus left the landlord takes his share, but the refuse grain mixed with dust left after removing the bulk of the crop (at tari, &c, see § 901) is all taken by the tenant. In this system, too, the tenant gets all the straw, chaff, &c.

# SUBDIVISION IX. IRRIGATION.

#### CHAPTER I.—IRRIGATION GENERALLY.

915. To irrigate is पटाएव patāëb, or to the west भरत bharal Irrigation is uz Taa patawan or uzlal patauni. In South Munger it is पटान patan. The flooding of a field preparatory to planting rice is जी व leb, जो व leo, or जेवा lewa, and in South Bhagalpur अन्हाव anhāo. Such a flooded field is called पानियास a paniyāël. A water-drawer is पानिष्ठारा panihāra or until panbhara. In the north-west he is also until panbhāra. A man irrigating has various names. To the north-west he is **ঘন্তরা** panchhanna, and in Gaya **ঘন্তহা** panchhanda ; in Saran and Champaran he is प्राचित्र panmorwah; in South-West Tirbut he is खावाहा kharwāha and in South-West Shahabad he is कन्हेया kanhaiya. The man who distributes the water in the field with the Ecul hattha or wooden shovel (see section 64) is called इथवाहा hathwaha or क्रियाना chhirkana to the north-west. In Shahabad he is बरवाद्वा barwāha : to the west generally usaniwah; in Patna and Gaya, asther khanrmora or क्रिचनियां chhichaniyan ; in Patna, सिंचवाइ sinchwaha or खंडनाहा khanrwāha ; in Champaran and South Bhagalpur, खडक्ट टा kharkatta; and in South Munger, nigracel ganrarkatta. The wages for irrigation with a lever are अठवाही lothwahi. Sometimes cultivators combine to assist one another in irrigating. This is called stat jana in Saran and Champaran, ut to painthi or until palti to the west, and the latter also in Patna and Gaya, utter parihar in Patna, uter patihar in Champaran and South Munger, and utuz paet in Champaran and South Bhagalpur. A man irrigating in South Bhagalpur is जावाहा larwaha.

#### CHAPTER II.—KINDS OF IRRIGATION.

- 916. There are three main kinds of irrigation :-
  - (a) From canals.—A canal is नहर nahar (which is generally used only for the Son and similar Government canals), पेन pain, or पेनि paini, and नहर naddi or (South Bhagalpur) सहरे laddi. In South-West Shahabad a canal is तास tāl.
  - (b) From wells (क्रुम kūān, &c.)
  - (c) From tanks, or ponds.—A tank is ঘাৰে pokhar, ঘাৰুৱা pokhra, or বজাৰ talāo.\* A small pond is বজাই talāï. In Patna, Gaya, and South Munger a reservoir of which the water is higher than the level of the surrounding country and is kept in by embankments is called অভিনেশ khājāna or অভাৰা khājāna.
- 917. The embankment round all these tanks and ponds is called भोड़ bhinr or भिष्टा bhinda. Local names are पी इ pīnr in Patna and Gaya, and खांचां khanwan or खादा khawa to the west. The post erected in the centre of a tank is चाट jat, चाटि jāti, चाट jāth, or चाटि jāthi. In South Munger it is चाट lāth.

पोखरि रजोखरि, और सभ पोखरा। राजा सिव बिद्ध, और सभ क्लोकरा॥

Pokhari Rajokhari, aur sabh pokhra, Rāja Sib Singh, aur sabh chhokru.

—"The tank at Rajokhari is indeed a tank; all the rest are puddles. Raja Sib Singh was indeed a king; all others were princelets."

Another version of this is-

ताल ता भोपाल ताल, चौर सभ तलेया। राजा ता सिव सिङ्ग, चौर सभ रजेया॥

> Tāl ta Bhopāl tāl, aur sabh talaiya, Rāja ta Sib Singh, aur sabh rajaiya.

Rajokhari and Bhopal are the names of two villages in the Darbhanga district, where there are very large tanks, said to have been dug by king Sib Singh.

<sup>\*</sup> In North-East Tirhut **vitati** pokhari is a large tank, as is instanced by the proverbial saying—

## CHAPTER III,—IRRIGATION FROM CANALS.

- 918. Flush irrigation, when the water is at a higher level than the field and the cultivator has only to cut the bank of the water channel and allow the water to flow into the field, is called water apta in the north-west, and watere agarpāt in Champāran and North-West Tirhut. To the west it is signor or where mohar. In Patna and Gaya it is wind chanan, in South Munger water melān, and in South Bhagalpur crait dhurka or water upta.
- 919. Irrigation by lift, when the water has to be raised from a lower level, is called उद्द के पानी ले आएव udah ke pāni le iāëb to the west, and in the south-east उद्देश ukhewa. A dam is sometimes built across the steam to raise the water. This is at bandh or are banh generally; also खाँड khāñr, गड़नी garni, and चेरा ghera to the northwest, गराँड़ी garānri in the north-west, Patna, and Gaya, पाँड़ी phānri in Champaran and Patna, गर्छी garandi in South Munger, and खाँड़ी kkānro in South Bhagalpur. A gang of men employed in making such an embankment is called in Patna and Gaya गोत्राम goām. A long embankment thrown round a plain of high land in which rice is cultivated, and in which there is a flow of surface waters is ভাই ছী danreri to the north-west and in Patna. South of the Ganges and to the north-west खनाना khajāna, आहर āhar अहरा ahra and अहरी ahri mean the plain itself including the embankment. The embankment as distinguished from the plain is fue pind or same alang. A cutting in the embankment is called in Gaya खंड्ड khanrhu.

#### CHAPTER IV.—IRRIGATION FROM WELLS.

# 920. Wells may be divided into three classes .-

- (a) Those lined with masonry.—These are called uল্লা pakka.

  In the north-west ব্ৰেলা bāoli is a large well, sometimes with a ghāt or flight of steps running down to the water. হৰাহা ināra, হ'বাহা indāra, হ'বাহা inār, হ'বাহা indra is a large masonry well. In South Bhagalpur হাছত rahat is a masonry well.
- (b) A well without masonry lining is called कचा kackcha; also कूमाँ kūān or कुर्या kuiyān or कूप kūp. In South Bhagalpur भंद को bhanruki, and generally भड़कूई bharkūīn is a small well. In Patna and Gaya कंदरी kandri is

- a well dug on a river-bank into which the river-water filtrates and is thereby rendered pure.
- (c) Surface depressions containing water.—These are বুং
  chūin north of the Ganges, বুঝা chūāri to the west and
  in Patna, and বুঝা chūān esewhere. A clay well which
  has fallen in is called মধন bhasal North of the Ganges,
  and মান bharan in Champāran and north-East Tirhut.
  In Champaran, Patna, and Gaya it is মাত bhattha, and
  to the west মান bhagār. All the above are adjectives
  agreeing with কুঝা kuan. Another expression used
  in Shahabad is মথকুঝা bhathkuan. The space formed
  inside a well by the collapse of the sides is ফালে
  khānkhar in the north-west and ফালে dhodhar in Champāran and South-West Tirhut. To the west it is पाल
  pāl and in Patna and Gaya चाँद chaunr.

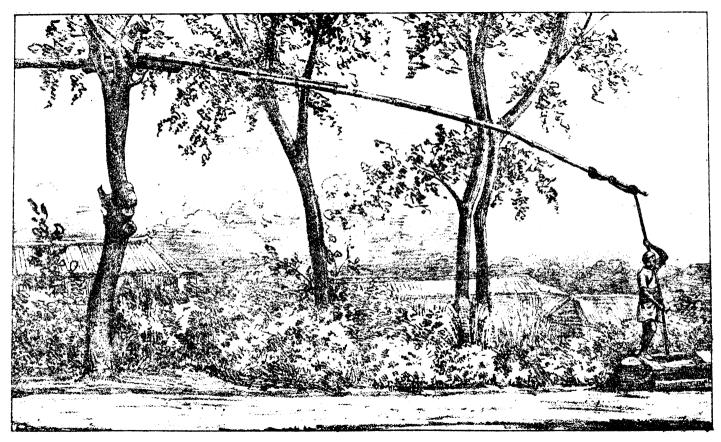
#### CHAPTER V.—CONSTRUCTION OF WELLS.

- 921. The large circular excavation made before a masonry well is built is इवड़ dawar to the west and in Patna and South Tirhut, and खाँखर khānkhar to the north. In South-West Shahabad it is गोस gol and in the rest of that district गोस गास gol gat. In Gaya it is गोसमार yolammar or खभार khabhār.
- 922. The spring is बोता sota north of the Ganges, and also in North-East Tirhut मोना moka. In Shahabad it is सीत sot or सत्ती sutti, in Patna, Gaya, and South Munger सोद soi, and in South Bhagalpur ena sot or ent sangra. The side spring in a well is तरसंद्रा tarsoa in north-west and in West Tirhut. Springwater is बरियार पानी bariyār pāni, or in South Bhagalpur संगरा sangra, and in South Munger चित्राह jiugar, the two latter words being adjectives. When the spring is tapped the phrase used is, north of the Ganges, तावा दूर मेल tāwa tūt gel, and south of it बरियार or जिनमर) पानी चार् के गेख bariyar (or jiugar) pani abi gel. The hole through which the water rises when the spring is reached is Hy bhunr or Hy bhun. In Patna and South Munger it is HITT bhurha. An optional word in South Bhagalpur is an bam. When the spring is copious, it is called HITE bhurphut. When the spring is not reached, the well is called सन sunn; and a well, when the spring has risen, is प्रविद्वार panihar. The spring is in South-Bhagalpur also मूर bhur or बोबा soa.

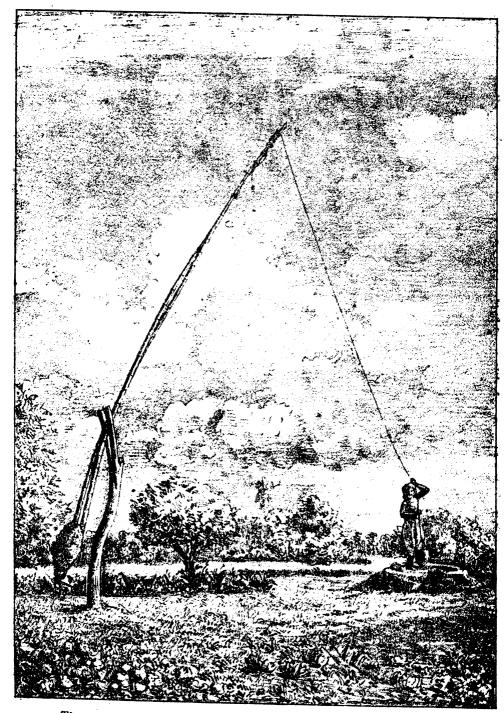
- 923. A well supplied from a spring and not from surface drainage is ब्राइट suttiha to the west, and बोनहों sothi in the rest of that district. In Patna, Gaya, and South Munger it is बोइटा soiya, and in South Bhagalpur जन्म jaldhar. The place where the earth begins to become moist as a well is being sunk is पन्न व pansel or पन्नचा pansacha in the north-west. In the south-west it is पन्न passoi, and to the south-east पन्न passoa. In some cases there is a stratum of sand so fine that it falls in at once and chokes the well. This is known in the north-west as भाष bhās. The depth to which a well is dug is measured by the height of a man (पूरिस pūris or पोरसा porsa). Thus a well is said to be four, five, six, or seven पूरिस pūris deep.
- 924. The masonry cylinder of a well is खननार khanjīr. When a well is made up with circular hoops of kiln-burnt earthenware for sides, these hoops are called खपड़ा or खपरा khapra. Other names are (north-west) नाइ nad, (South-West Shahabad) मोखड़ा mokhra, (Patna) गिर्दा girda (Patna and South Munger) गॅंड् आ ganrua, and पाट pāt in South Bhagalpur. Sometimes a coil of twigs is used for the same purpose, which is known as कोटी kothi, डोक dol, or बॉंड् bīnr in the north-west—the last also in Patna and Shahabad, दोक dol in the south-east and विवाही bindi elsewhere in the south. Wells protected in this way are कोटिका kothila to the west and गड़ी बा garauān in Patna. Wells are sometimes lined with a wooden cylinder, and are then called का कुता kathkūān. When the cylinder of a well fails to sink, a second smaller cylinder is sometimes sunk inside. This second cylinder is called परम है parchūīn.
- 925. The wooden base of the cylinder is made of jāmun wood, and is called जमनद jamuat |or जमोट jamot. In South Bhagalpur it is called जमनाउ jamkāth.
- 926. A well so large that two buckets can work it is called दोबद हो dalatthi. In Patna and the south-east it is दुनात dujāt, and in South Munger also दुबना dujanta. One for three buckets is तिनबद्दी tinlatthi or ते बद्दी telatthi; in South Munger it is से जन्मा tejatta, and in South Bhagalpur तिन्यांत tinjānt.
- 927. The well-dredger and well-spear are described, in § 39 and ff.

# CHAPTER VI.—THE LEVER USED IN RAISING WATER.

- 928. This is টেব্ৰল dhenkul, টেব্ৰলা dhenkula, or টেব্ৰা dhenki It is also called লাভ lath, লাহতা lattha, or লাভা latha south of the Ganges, and লাল jānt in South Bhagalpur.
- 929. The pot (whether earthen or of iron) is कूँ इ kūnr, कूँ इरे kunri, or कुंबड़ों kunri. A smaller iron vessed used for drawing water by hand, and not by means of a lever, is द्वाल dol, other names being जोइंड्रा lohanra in Shahabad and दोल dol in South Bhagalpur. In North-East Tirhut, however, दोल dol is also used for the lever-bucket. In Gaya कउन्हों kathuahi is a wooden bucket for drawing water from a well. The stick placed across the mouth of the bucket to which the rope is f stened is किसी killi or महा gulli. In South Bhigalpur it is दनकिसी rinkilli or पृक्षी pulli. The string which fastens this to the pot is कान्टो kaneli to the north-west and कु दियाड़ों kunriyāthi generally to the north of the Ganges; also चारकिसी chorkilli in Champāran and North-West Tirhut.
- 930. The rope of the lift is ৰাছা barha. It is also called ৰাছ barah in South Munger, and ছথৰাছী hathbarhi and ভাৰছিনি ubahani in Champāran and North-East Tirhut. The short rope joining it to the bucket by a slip-knot is uনছায় ranchhor or ছাটা chhori, with the following local names:—ছাই chhor (west), নালা jota (Patna, Gaya, and the south-east), নালা nādha (Gaya), নালা joti (Shahabad and South Munger), and ৰাজা bagha (South Bhagalpur).
- 931. The lever-beam is to bans when made of bamboo, also where the chhip in Champaran and North-East Tirhut. We lath or will lath a is a shorter and stouter one. Other names are util dhurhs (South-West Tirhut), the dhenkul (west), and such danda (southeast). Sometimes a thin piece of wood is spliced on to the end of the beam. This is called the beam which projects beyond the rope over the well is called that agar or the well is called the south agars.
- 932. The lever-beam is weighted with a counterpoise of clods of earth, &c., fixed to the end furthest from the well. These are called जेह led, जेहा leda, and जेहा ledi. In East Tirhut they are जेश ledh, and in South-East Bihār जेशे ledho. Other names are पहाड़ pachhār (Champāran), परेड़ pachher (South-East Tithut), and जेरेरो chakri (Champāran, Patna, and Gaya). The peg with which those are



The irrigation lever (latha), pulled down, with the bucket lowered in the well



The irrigation lever (latha). raised, with the bucket out of the well

fastened to the beam are खूँटा khānta or खूँटी khūnti; also गॅड्नेखा gañrmekha (Patna and Gaya), गुझो gulli (Patna), and विश्वा killa (Patna and south-east).

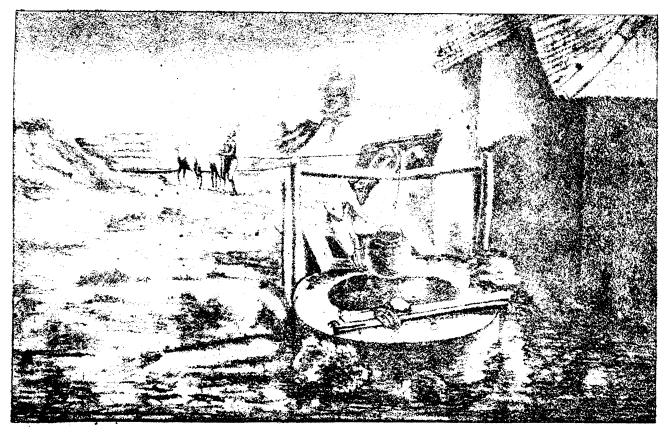
- 933. The post on the top of which the lever swings is the khambha : also घोरें आ dhorea in Patna and Shahabad. To the west घर ई dhurai is a post with two branches at the top. These posts are ofter made of a live tree called जीयल jiyal Odina Wodier), which forks naturally in a convenient position, and which will grow if only a piece of it is stuck in the ground, hence its name. The forks are कान kān, काना kāna कानी kani कहा kanna, or कही kanni In Champaran and the southeast they are होकानो do kāni or दकानी du kāni. The cross-axle is अखीता akhauta or आक्रोत akhaut, local v riants being अस्त्रोतो akhoto (South Bhagalpur), अंखीता ankhauta (South Munger), and अखेता akheta or चाविह akhed (optional) in Gaya and Patna. Other names are मांभा mānjha in Champaran and Gava, and टोना tona in Patna. At right angles to and underneath this cross-axle a piece of wood is tied under the lever-beam to keep the axle in its place. This is called HAT? makri in Patna, Gaya, and the west. The holes in which the cross-axle works are called tales khol.
- 934. The wooden framework over a well on which the person who draws the water stands is called परियादा pariyātha or पौडा pautha.
- 935. When a bucket or lota falls into a well, it is pulled up by a set of grappling-hooks, called after kanta, and kānta, or and langar.

# CHAPTER VII.—THE SKIN BAG USED FOR DRAWING WATER.

936. The use of this has not been noted in East Bihār. In West Bihār it is मोटि moti, मोट mot, or मोट mont. The iron ring round its neck is मेंड्डा menrrā; also कडाडी karāhi and कडा kara in Sāran, and कांडा kānra in South-West Tirhut. The role or cord which joins the bucket to this iron ring is निध्यारी nathiyari or चोरडी sorhi; also निध्या nathiya in South-West Tirhut. The semicircular pieces of bent wood fastened to the ring to keep the mouth of the bucket open are चोरडे ghorai or चोरानी ghorāni. To these are fastened two rings of iron, which are called कडी kari or बाला bāla. किसी killi or बाली gulli is a wooden peg by which the bucket is fastened to the well-rope.

# CHAPTER VIII.—OTHER WELL-APPLIANCES CONNECTED WITH IRRIGATION.

- 937. The portion of the mouth of the well on which the bucket rests as the water is being discharged is called weis arans or vists and and aras. Sometimes this is of wood. On this straw or rushes are placed to save the vessel and prevent splashing. In Patna and Gaya this cushion is called with sitha or faut binda, and in South-West Shahabad with jhengra. In Saran a similar article made of leather is called weis chhalla. When made of straw in Saran it is called with chackar, and in Champaran watt chackar. The catch-basin into which the bucket is emptied is called fruit titha to the west. Elsewhere it is called weis arans, what sitha, &c., as above.
- 938. The bullock yoke, which has two bars (see § 14), is पालो मोटहा pālo motha or जुनाउ juāth. Local names are जोट joth (Patna) and जूबर juar (Champāran and Gaya). In Champāran, Patna, Gaya, and South Munger पालो pālo is used. The above names are also used for the upper bar, and also पक्षा palla in South-West Shahabad. The lower bar is तर्बहेल tarsaīl or तर्हेला tarsaīla, local names being हैला saila in Shahabad, मतार gatar in Champāran and Gaya, and जहर jahar in the south-east. The outer pins joining these two bars, and which go outside the bullock's necks, are called पहेला sail or सेना saila to the west, and क्लेल kanail to the north-west and east. The similar pins inside are समेल samail or (Patna and the south-east) समेला samaila. They are also called पहार pachār in Shahabad. The knob to which the rope is fastened is महादेश mahādewa. In the south-east it is महदेश mahdewa.
- 939. The wooden framework over the mouth of a well to prevent people falling in is singly jangula. The wooden beam laid over the well on which the person drawing the water stands is uses pāwulh or user pautha. Other names are well latmara (Patna and North-West Tirhut), meuter gorpauta (South-West Tirhut), and user dharna (Champāran and South Munger). The masonry work at the mouth of a well is una jagat to the west. Other names are user murer (west), user murera (also in Champāran) or fatiti nirāri in Patna, user in Champāran and Gaya, and user mūrha in the south-east. The wooden frame is called usual jalāla is South Bhagalpur.
- 940. The pulley is generally supported in the fork made by two lopped branches of the trunk of a tree erected by the well. This trunk is called util dhurhi or util khamha to the north-west and in South Munger. South of the Ganges we have util dhuras or util dhores



The skin bag for drawing water (moti), as worked with bullocks.

(Nors. -The photograph had necessarily to be taken from a great height, which throws the picture somewhat out of perspective. Besily the bullocks are going down hill, and the receiving vat is level;

in Shahabad. In Gaya it is अवर jaser or स्वा daser, and in Champaran, Patna, and the south-east ख्या khambha or अन्त khamha. Other names are युन्हों thunhi in Patna and Shahabad and रोबानी dokani in the south-east. The cross beam is न्या banrers in the west, and बार balta in South-West Tirhut. In parts of Shahabad it is आराउ arāth, and in Patna and Gaya पाट pāt. The branches in which the pulley works are बार kanna or बानी kāni, and the pulley axle आयोग akhaut or आयोग akhauta. Other names for this last are west danda in Champāran and South-West Tirhut, अर्था sarra in South-West Shahabad, and दोना tona in Patna. The pulley itself is uşītî gharāri to the west, also uṣारो garāri to the north-west and in South Munger. It is चिन्हों ghirni in Champaran and South-West Tirhut, Patna, Gaya, and South Munger, आदा gadda in South-West Shahabad, घरनो ghurni in Patna, and सवरो makri in Champāran and to the south-east.

# CHAPTER IX.—THE PATHWAY FOR THE BULLOCKS, &c.

941. The sloping pathway for the bullocks is the gaudar, also the dawar in Shahabad, at bahi in Gaya, and the dayar in Champaran, Patha, and the south-east. In South hunger it is also mult gorpans. The portion above ground is the first paudar he manth or to the west nucle mathas. The portion below ground is the khoinchha to the west. A yoke of well-bullocks is called the motha jori. Drawing water by cattle power is the tanta mot chalaëb

# CHAPTER X.—THE WORKMEN EMPLOYED AT THE WELL.

942. The following labourers are employed at the well:

The bullock-driver.—He is इंसवा hankwa or इंबविष्टार hanknihār; also फोरहा pherha in Shahabad.

- 943. The man who empties the water-bag.—He is calculated dharnihar north of the Ganges, tenar chhinwa in South-West Shahabad, and मोटएरवा motdharwa in the rest of that district and in South Munger.
- 944. Both these men are called north of the Ganges मोटवादा motwaha.

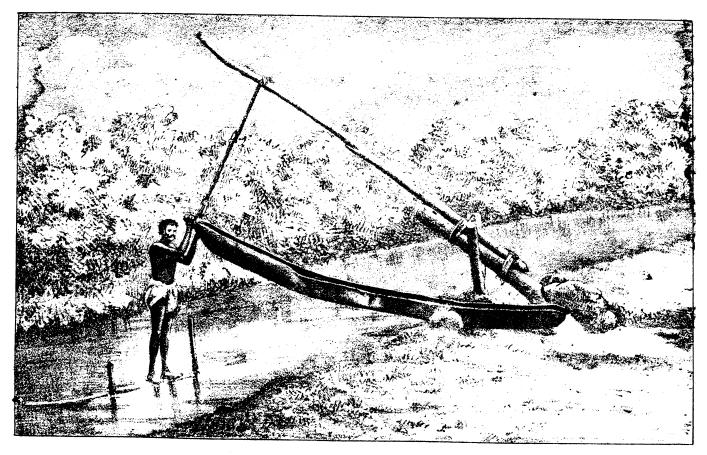
- 945. The man who distributes water in the field is called until panmora or unear panchhanna north of the Ganges. South of the Ganges he is ৰ্বাছ barwāh in South-West Shahabad, নাবোছ morwāh in the rest of that district, and ভ্ৰাছ khanruār in Gaya. He is also ভ্ৰাছ khanruār in Patna.
- 946. The man who distributes the water with a spade has already been described in Chapter I of this subdivision.

#### CHAPTER XI -THE PERSIAN WHEEL.

947. The Persian wheel is not used in Bihar. Its name, ter rahat, is however known in Patna.

### CHAPTER XII.—IRRIGATION FROM TANKS AND STREAMS.

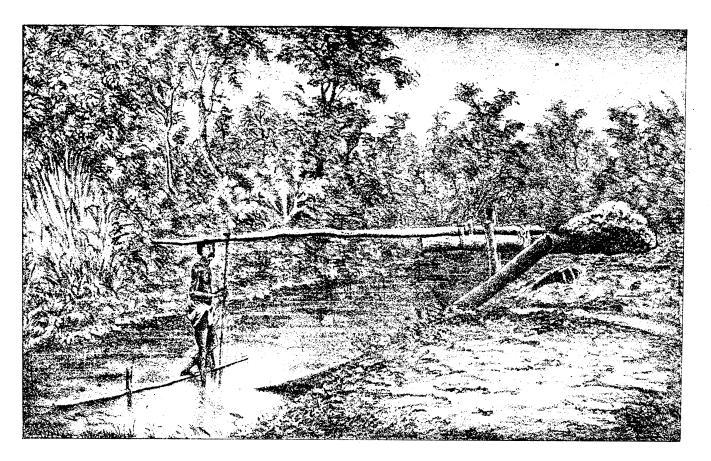
- 948. Water is raised from these either by the swing-! asket or by the spoon-lever.
- 949. The swing-basket.—The swing-basket is generally चेर sair to the west and चाँड chānr in Central and Eastern Bihār. In Tirhut it is also जिस dhos, in South-West Shahabad दौरा daura, in Champāran and Gaya सर sar, and to the south-east सेन sain. The strings from which it swings are चार dor or चारा dori. The place where the men stand who work the basket is बोरपीर gorpaur, or to the west पीधा paudha. In South Bhagalpur it is सेनार sainār. The men who work it are सरवास sairwāh, चाइनास chanriwāh, or जीवनास dhoswāh in the above-mentioned localities respectively. To work the basket is सेर (चाँड or ज़ीड) सवास sair (chānr or dhos) chalāēb. In South Bhagalpur it is सेन वरास्व sain barāēb. The pit from which the water is lifted is सहियार chariyār in Gaya and South Munger.
- 950. The spoon irrigation lever.—This is a long log of wood hallowed out like a spoon. It is so balanced that the bowl end is oven the water to be raised. It is depressed into the water by the foot, and rising by its own balance, discharges the water along its stem into the higher catch-basin. It is called standard to the west, and astandard convant and astandard karing to the east. The man who works it is called standard donwah and astandard karinwah or astandard karingwah respectively. The place where he stands is user pautha in the west and santillatmara in Tirhut,



Irrigation lever (tatha), showing the method of discharging water



Water-lifting with the swiny-basket (sair or chanr).



Irrigation lever (latha), showing the method of taking in water

# CHAPTER XIII.—WATER-LIFTS AND TERMS COMMON TO IRRIGATION BY THE SWING-BASKET AND THE SPOON- LEVER.

- 951. The height to which the water is lifted is बोहर bodar in Sāran and Shahabad, आजुआ anua in Champaran, and गार gār in North-West Tirhut. South of the Ganges it is चढ़ाव charhāo आगें आ anaua in South-West Shahabad, and एचाँव eghānw, &c., as follows.
- 952. When there are severall lifts, the first reservoir is called धेवना thew to in the north-west, पद्वा गाउ pahla gār in North-West Tirhut, and नान kānar in North-East Tirhut. South of the Ganges it is खनाना khajana or एचाँच eghānw. Of this last there are local variants एचाचा eghāwa in Patna and एचाच eghāy in South Bhagulpur. The top of the lift is अङ्गि arāni to the west, and चाउ sātha in South-West Tirhut, Patna, and Gaya. The catch-basin from which the water flows into the field is तीचा tātha to the west. It is also पाक्षा parchha in South-West Shahabad, and मेजनानी melwāni in Gaya.
- 953. When there are two or more lifts, the second from the bottom is दोषाँव doghānw, with a local variant दोषावा doghāwa in Patna. The third is तेषाव teghāwa, or in Patna तेषावा teghawa. The fourth is चौषांब chawguhānw, or in Patna चौषावा chaughāwa. These lifts are also called उपना theüka in South-West Shahabad. Thus दो उपना do theüka, तीन उपना tin theuka, &c. The raised bank between the two reservoirs is खाँवा khānwān in South-West Shahabad and में इ menr in the rest of that district. In Gaya it is पाँइ pānr, and in Patna खालाइ alang. In South Munger and Patna it is जाइर ahar, and elsewhere वाष bāndh or वान्ह bānh.

#### CHAPTER XIV.-WATER-CHANNELS.

954. The channel which conveys the water into the field is generally un pain or use paini. In Patna, Sāran, and Shahabad it is also need karha, and in South-West Shahabad need bāha. In Tirhut it is use pauth or end dawan, and in North-East Tirhut used pauti. In South-East Tirhut it is need. To the west need nari is also used. In the south-east and Champaran we find use dānr, and also (in South Bhagalpur) usingha. In North-East Tirhut nant kanwa, and in Patna and Gaya nave kanwah, is a narrow branch channel leading from a un pain. A water-course generally is need.

naddi or (in South Bhagalpur) जह ही laddi, and its branches बाहा bāha or (north of the Ganges) बहुना bahna. In Shahabad होर chher is a shallow spring of water, and its branches निमार्जन nigrain. In Patna and Gaya भोकिना bhokila and हें जा tanrua are small water-channels. The latter is smaller than, and is a branch of the former. A turn in a water-course is भोरानी morāni in Patna and the north-west, and च भान ghumān in Champāran and North-East Tirhut.

### AGRICULTURAL PRODUCTS AND THEIR ENEMIES.

#### SUBDIVISION I.

### AGRICULTURAL PRODUCTS.

#### CHAPTER I.—WHEAT.

- 955. Wheat (triticum vulgare or sativum) is n g gehuñ north of the Ganges. In East Bihār generally, however, it is n a gahum. To the west it is also n g gohuñ, and elsewhere south of the Ganges and in North-East Tirhut n g n gohum. In Gaya it is also n g manda. Cf. § 823.
- 956. The chief varieties are म् द्विया munriya, a first-class beardless wheat. In South-West Shahabad this is मं्डिलवा munrilwa, सङ्खा murla in Saran and Patna, and मुड़को murli or भ ड़िया bhufiriya in Gaya. दाउदी daudi or दौदी daudi in West Bihar, or to the south-west and in Gaya दौदिया daudiya, is an excellent white beardless wheat. In Tirhut it is known as जमाज खानो jamāl khāni. A white round-bearded wheat is known as दधी dūdhi or दिधया dudhiya in South Tirhut, Patna, and South Munger. In South Bhagalpur it is पचरुखी pachrākhi सलका lalka in Shahabad and South-West Tirhut, देंसी desi or देंसिला desila, and इरना harna or हॅररहवा hanrrahwa, in the north-west, স্থান্য hāra in Tirbut, স্বাস্থা harhara in South-West Tribut, इड़हा harha (Patna), के वसहा kewalha (Gaya), and जमाजी jamali or जमरिया jamariya to the east, are a small-grained red wheat, lalka also occurs in South Munger. North of the Ganges दोगला dogla is a mixed wheat composed of जमाल खानी jamāl khānī and चाडा hāra बड़गहमा bargahuma in South-East Tirhut is a large bearded wheat. In Shahabad TE! renra means stunted wheat.
- 957. The germ of a grain of wheat is south of the Ganges দুনী putti. When a grain of wheat germinates first, the sprout is called দ্বা suiya or ভ্ৰা sūa; also অনুদ্য ankurha to the north-west, and

कत्रो kanni in Patna. In North-West Tirhut it is डेफ c'eph, and to the east डेफी dephi. The phrase used is सदया में ज suiya gail north of the Ganges, or Eu fanus deph niksal in North-East Tirhut. To the west they say रेंड्स वा renral ba or रेंड् में ल renr gail. In Gaya they say सद्या द्यावे हैं sun āwe hai, and in Patna किनयाएल द्याव॰ 🕏 kaniyāël awa hai. When it has further sprouted, but has not vet taken firm root, it is u att putra. When the blade throws out shoots they are called ( ath) dibbhi; also with dabhi in South-West Shahabad, and Zint tembhi in Patna. When about six inches high it is called कौ आ स कान kaua lukān in Gaya, Saran, and Shahabad, and कीचा कपान kaua jhapān in the south-east, both meaning sufficiently high to hide a crow. When it is cut unripe it is known as Titl horka, or (Tirhut and the South-East) আছো orba, and (optionally) in South Munger as होलहा holha When the ear begins to form, they say रेंडा भेल बा renra bhail ba in the north-west, गभा भें ब बा gabha bhail ba in South-West Tirkut, and गम्हड़ा भें ज अब्ह gamhra bhel achhi in the rest of Tirhut. In Shahabad they say द्धियाण्स dudhiyāël. In Patna and Gaya, a similar phrase, or the phrase गद्राएल है gadrāël hai, is used, and in the south-east they say इधेल dudharlai गदराएल gadrāël is also used in Tirhut. When the grain hardens they say it is इवसारल habsāël in South-West Shahabad, केल(एस kailāël generally; in Saran and West Tirhat also गोटाएल gotāël, अधपक, adhpakku in Gaya, कोला मोल kaila gel in Patna, and कलाएल kalāël in the south-east.

958. The beard is zুঁড় lūnr or zুঁড়া lūnra to the west, and হুঁড় sūngh or হুঁমা sūng elsewhere. In South-West Tirhut it is হুঁড় sūnr. The ear itself is বাল bāl, except in North-West Tirhut, where it is বাল bāli; in South-East Tirhut, where it is ভাষ sīs; in South Bhagalpur, where it is ভাষা sīsa; and in South Munger, where it is হুঁমানা tungna.

# CHAPTER II.-MIAED CROPS.

959. Wheat and barley grown together are गोजरे gojaē. A mixture of peas, gram, barley, or wheat, or any two or three of them, is called तरा terra in South-West Shahabad, गजर मसर gajar masar in the rest of that district, गजर बजर gajar bajar in Champāran, गजा बजा gaja brja south of the Ganges generally and उटरा utra in Patna. In the north-west it is परा paira, in West Tirhut पर pair, and in East Tirhut पर paur or बिना brjhra. Barley grown with the small pea (कराब kerāo) is जी कराइ jau kerāö

generally, also जो मटरा jau matra to the west, जनेराइ jak rai to the south-east, and जब नेर्वा jab kerwa in North-East Tirhut. Other names are कुमहो नेराव kusahi kerāo in Patna and the south-east, जीवी kosi in South Bhagalpur, and हरपोर्वा नेराव harphorwa kerāo in South-West Shahabad. वरार terra or वर्दे berai in Shahabad is barley mixed with gram, and the same is called जब बुदा jab butta north of the Ganges, and जो बुदा jo butta in the south-east. जो दिवरा jo khesra is a mixture of barley and peas (विवारी khesāri) in the south-east.

960. When there is a mixture of crops, the inferior one is called বাং tari when compared with the other. Thus in জী কাৰে jau kerāi the small pea (কাৰে kerāo), being the inferior, is the বাং tari.

### CHAPTER III.—BARLEY AND OATS.

- 961. Barley (hordeum vulgare) is জী jau generally. In the northeast it is জন jab, and in Patna and the south-east জী jo. North of the Ganges জই jaī (also in Shahabad) or জনাই jantari are shoots of barley artificially grown and distributed by Brāhmans at the festival of the Dasahra. In Gaya they are জনাহা jawāra, and in Patna জনা jainti. The prickly hairs on the ear are इ's tūnr in West Tirhut, Sāran, and Shahabad; হ's tūnra or सूँ ए sūnrha in Champāran and Tirhut; सुँ इं sūnr in South-West Tirhut, and also सूँ म sūngh or सूँ म sūng in Patna and the cast generally.
- 962. Oats (avena sativa) are called the sister of barley, and are hence named বাই jaī or ল jai.

#### CHAPTER IV.—RICE.

963. Rice (oryza sativum), whether as a crop or threshed but unhusked, is called ঘাৰ dhān. When husked it is বাৰু chāūr, but the Hindi form বাৰল chāwal has also been noted in Patna. Husked rice is of two kinds, viz. ভাষো arwa, which is not parboiled before husking and is eaten by the higher castes, and the cheaper, which is parboiled before husking and is eaten by the lower castes. This latter is called ভাষো usina, ভাষা usna, or ভাষাহা josānda. Rice when partially husked is called মহন্য muhchur in Gaya, ৰাকহা bokra in Sāran, and ভিনাম khijāya in North-East Tirhut. Rice boiled plain is মার bhāt, when boiled with pulses it is ভিনাম khichri, and when spices are added to this it is মুনল ভিনাম khūnai khichri or কৰুলা kabūti; also in

South Bhagalpur होंकी chhaunki. When rice is boiled to a mash, it is called गोलइय gelhath or गोलइयो golhatthi. In Gaya पिन्हता panihata is a dish made by adding water to the rice left from last night's supper. In addition to the usual names, जार lār, पोद्यार poār, &c. (see § 894), the long straw of transplanted rice is called मोरी पेटारो mori petāri, or (in Champāran) पेटाइरे petāhi or (in Shahabad) पेटाढ़ी petārhi.

964. The varieties of rice grown in Bihār are very numerous, as is borne out by many proverbs such as the following:—रजपूत ओ धान के घोर नाइ है rajpūt o dhān ke or nāhiñ hai,—there is no limit to the clans of Rajputs or the kinds of rice; धान वामन के एक इस्त dhān bābhan keñ ekke hāl,—rice and Bābhans are one and the same (in number of kinds). Rice may be divided into two broad classes, those which are sown at once broadcast and are called बाबा bāwag, बाबोग्रेbāög, (in Gaya) बोगेड़ा bogera, or in Patna बोगहा bogha, and those which are sown in seed-beds and transplanted, being called रोप rop or रोपा ropa or (in Gaya and Patna) रोपहा ropha. At the same time it should be noted that practice varies with locality, and that a kind of rice which is बाबा bāwag in one place may be रोपा ropa in another.

#### A.--RICE THAT IS SOWN BROADCAST.

965. (1) This is a red rice, and ripens in sixty days from sowing, as in the proverb—

साठी पाक साठ दिन, बरखा होखे रात दिन. Sathi pake sath din, Barkha hokhe rat din.

-Sāthi ripens in sixty days if it rains night and day.

In the east it is also called गॅमरी gambhri or गम्हरी gamhri. It is sown in the month of Jeth (May-June), and is cut in Sawan (July-August).

- (2) **হারলা** sokna (north-west).—This is sown with the first fall of rain in Jeth (May-June), and is cut in Bhādoñ or Āsin (i.e., in September). This crop is also called মইয়া bhadaiya.
- (3) The following are sown in Phagun (February-March) and Chait (March-April), and are cut in Aghan (November-December). The names were principally

collected in *East Tirhut*, and unless the contrary is specially stated do not apply elsewhere:—

- (a) अकाल बीर akāl bīr. (In Sāran अकाल गीर akāl gīr, and in Forth-East Tirhut also काला गीर kāla gīr).
- (b) ভ্ৰলমে ujāgar, or in Sāran ভামে jāgar, which name is also current in North-East Tirhut.
- (c) चनावक chanābak.
- (d) भलमरदन jhalmardan.
- (e) इस्मी darmi (also known in the north-west).
- (f) ইমহিয়া desariya (Tirhut and Champaran). In Sāran it is called অধ্যয় jasariya).
- (g) पीचर pichar.
- (h) बेलौर belaur (also known in the north-west).
- (i) Hite bhantin (Saran).
- (i) भैसबेट bhaislet (also known in the north-west).
- (k) লালী lānji (Sāran).
- (l) सतिर्या satariya (Sāran).
- (m) বাছিল sāhil (Sāran).
- (n) सिंगरा singra.
- (o) सोबरा sobra.

द्विहा kherha is a white bearded rice sown all over Tirhut and in Champāran. The following (also East Tirhut) are sown in Jeth (May-June) They are sometimes sown broadcast and sometimes transplanted:—

- (a) ध् सरी dhusri (also known in Champāran).
- (b) बस्तर bastar.
- (c) राम दुलारी rām dulāri.
- 966. In South-West Shahabad the following kinds of rice are sown broadcast:—
  - (a) करंगा karnga ) Two kinds with a black grain (also known
  - (b) करंगी karngi sin Saran).
  - (c) ক্ছেরা karhanni, a small black grain (also known in Sāran).
  - (d) etter khātin, a coarse kind.
  - (e) सहदेशा sahdeiya, a red kind.
  - (/) साठी sāthi. See above.

(g) উঢ়া serha, a small black and white grain. Like the ঘাতী sāthi, it ripens in sixty days. The South-West Shahabad version of the saying already quoted is—

# में टा साठी साठ दिन, भें व देव बरसे रात दिन

Serha sāthi sāth din, jemw deb barse rāt din.

-Serha and sathi take sixty days if it rain night and day.

In the rest of Shahabad the following kinds of rice are sown broadcast:—

- (a) पनसारी pansāri.
- (b) H'selat bhuinsikar.
- (c) Hant munga.
- (d) राम करधनी ram karhanni.
- (e) राम दुलारी ram dulāri.
- (f) साहिल sāhil.
- (g) बिरहाट sirhant.
- 967. In Gaya sowing is done in the .nonth of Akhār, in the lunar asterism of Aradra (June-July). About this asterism (ৰহমহ nachhattar) and the two following ones the following rhyme is current throughout Bihār:—

# खरदरा धान, पुनरवस पैया गेल, किसान, जे बोए चिरेया

Aradra dhān, Punarbas paiya, Gel, kisān, je bue Chiraiya.

—Paddy sown in Aradra turns into plenty, sown in Punarbas to chaff, and sown in Chiraiya (or Pukh) it turns to nothing.

The paddy is generally cut in the month of Pūs (December-January).

Amongst the kinds of paddy sown broadcast in this district are-

- (a) यहलो edli.
- (b) क्रिका katika,—cut in Kātik (October-November).
- (c) कनबरा kanbada.
- (d) करहनी karhanni.
- (e) चाँगा jonga.
- (f) भारगा jhanrga.
- (g) धुसरा dhusra.
- (h) रहेवा ratwa.
- (i) जलदेइया laldeiya.

- (i) जोचरा lohra.
- (k) বিহছুই sirhatti.
- 968. In Patna on the first fall of rain, which generally takes place in the asterism of Rohni, in the month of Jeth (May-June), the sowing is commenced. Paddy which is sown broadcast is divided into two classes—a red, which is considered superior, and is called বায় lalgondiya, and a tlack, which is considered inferior, and is called বাহা বাসহা kāra bogha. The former kind includes কহেনা karhanni as the principal. The ear is black.
- 969. In South Munger the following kinds are sown broad-cast:—
  - (a) অভাবে ajān, a white variety.
  - (b) कचरी kajri.
  - (c) कार्ट्य karkanni. See above.
  - (d) latem khirdant.
  - (e) खगरा chhagra.
  - (t) जीगा jauga.
  - (g) पनसाद्वा pansāha (a coarse red kind).
  - (h) बुद्वा burhwa.
  - (i) Tint rangi.
  - (j) सरिष्टन sarihan, a white variety.
  - (k) चिरहरी sirhatti.
- 970. In South Bhagalpur the following kinds are sown broadcast:—
  - (a) कजरघरो kajargharo.
  - (b) बोचमा gohma
  - (c) ভাষা chāng
  - (d) জী া jonga.
  - (e) इ.स. dudsar.

# B.—RICE THAT IS TRANSPLANTED.

971. This rice is generally sown with the first rains in Jeth (May-June). It is transplanted in Sāwan (July-August). In Patna the custom is to commence transplanting on the 5th of Sāwan, after holding a festival, called नकपंची nakpāneho, or the "fifth of the asterism (नखत nakhat)." The regular harvest is held in Aghan (November December). Before this, however, some is cut for the ceremony of विसन पिरित bisun pirit (called in Sāran विसन्दिया bisunatiya), at which Brāhmans are feasted on the new grain.

- 972. The following kinds of rice are transplanted in Tirhut:
  - (a) অনুত্র anga, a black bearded kind.
  - (b) वानक जोर kanak jir (East Tirbut).
  - (c) and kamoch, a black kind grown in North-West.
  - (d) at HI karma, a long black kind (Tirhut).
  - (e) गहुमा gahuma, a red flat kind grown in North-Eart Tirhut.
  - (f) ভাষান্থিয়া jagarnathiya, a similar kind grown in North-West Tirhut.
  - (g) হ্রম্বে dudhrāj, small and white.
  - (h) निच्या nanhiya (East Tirhut).
  - (i) बहरनी baharni (North-West Tirbut) or बहोरनी baharni (North-East Tirbut), a long white variety.
  - (i) भाषा सरी bhāl sari.
  - (k) मनसरो manasri, a red variety (also known in Sāran).
  - (l) माल भोग māl bhog.
  - (m) रसनी ramuni (also known in Sāran).
  - (n) खाल देइया lāl deïya, or in Sāran जलदेइया laldeiya, a red variety.
  - (o) ধহিন sarihan (north of the Ganges generally), sown in Baisākh (April-May) and cut in Sāwan (July-August).
  - (p) (antes silhat, with a black husk but white grain.
- 973. In South-West Shahabad the following are transplanted:—
  - (a) ব্লহাই jalhor, possesses a fine grain.
  - (b) भौग jhengi, a white variety.
  - (c) বুধকাঁভ্য dudhkānrar, white.
  - (a) वासमतो bāsm iti, a superior white variety.
  - (e) बैतरनी baitarni, a reddish kind.
  - (f) भेडकाबर bhenrkābar, a coarse red kind.
  - (g) मान देही māl dehi, a fine-grained variety.
  - (h) मुट्नी mutuni, white.
  - (i) रमज्ञा ramjūa, fine.
  - (i) জামন্তা longchūra (a black and very fine variety).
  - (k) सिरी केंबल sirī kebal, white.
  - 974. In the rest of Shahabad the following are transplanted:
    - (a) কৰৰলীয়া kanakjīra.
    - (b) द्खहरा dulahra.
    - (c) दोबङ्गी dolangi.

# 975. In Gaya the following are transplanted:

- (a) कमला पर्साइ kamla parsād.
- (b) মাজ্বা gajpatta.
- (c) गुडरा gudra.
- (d) गोड ल पूज gokkul phūl.
- (e) गोपाल भोग gopāl bhog.
- (f) डाक्कर भोग thakur bhog.
- (g) इधिश्लास dudhqılas.
- (h) धनीवा dhanīwa.
- (i) नौ धारा nau dhāra.
- (1) बक्रोइया bakoiya.
- (k) बतास फेनो batās pheni.
- (l) बनासा batāsa.
- (m) धरांटी branti.
- (n) बासमतौ bāsmati.
- (o) माधवा mādhwa.
- (p) मरघी murdhi.
- (q) सात कैसर lāl kesar.
- (r) साम जीरा sām jīra.
- (s) स्वा पद्धो sūga pankhi.
- (t) संस्हा selha.

# 976. In Patna the following are transplanted:

- (a) वसमतिथा basmatiya.
- (b) But saphed.
- (c) सियाच siyāh.
- (d) चंच हा selha.

# 977. In South Munger the following are transplanted:

- (a) जनार कली anār kali.
- (b) कनरी kajri.
- (c) কম্বৰ বুহ kanchan chūr.
- (d) Tit sia kāri bānk.
- (e) ग जपती gajpati.
- (f) तुज्ञसी पूज tulsī phūl.
- (g) दोसगो dolgi.
- (h) वासमती bāsmati.
- (i) जुपधी lupdhi.
- (j) सितो सार sitī sār.
- (k) चेत्र हा selka.

# 978. In South Bhagalpur the following are transplanted :-

- (a) কাৰক বুহ kanak chūr.
- (b) कमोदी kamodi (a sweet-scented variety).
- (c) गोख्स सार gokhul sār.
- (d) दौना पूल dauna phūl (a sweet-scented variety).
- (e) बाग नर bag nar.
- (f) बांस पूल bāns phūl.
- (g) बासमतौ bāsmati.
- (h) बासा पसिन bāsa pasin.
- (i) मनसरा mansara.
- (j) रमनिया ramaniya.
- (k) राम द्खर rām dullar.
- (l) इमचा hamcha.
- 979. Of all the above rices, the most esteemed is साम जोरा sām jīra. It is a fine kind, and when cooked its fragrance fills the house. The next best is बासमती bāsmati or बस्मतिया basmatiya, which is not quite so fine as the first. से ज हा selha may be considered as the third best.

# C .- OTHER MISCELLANEOUS KINDS OF RICE.

- 980. ৰাই boro is a poor kind of rice sown in Asin (September-October) or Kātik (October-November) in the mind on the banks of streams and lakes. It is transplanted several times in Pūs and Māgh (December, January, and February). জনহা lamera or (in South-East Tirhut) কা jhar or in (Sāran) কাৰে jhāran is rice which has fallen from the sheaves when reaping, taken root, and grown next year.
- 981. Rice-lands.—Land which has been under a rice-crop is धनश्र dhankar, धनखित dhankhet, or धनखित dhankheti. It is also धनखर dhankhar in Shahabad, धनिक्यारा dhankiyāra in Gaya, and धनश्र dhanka in Patna. Fresh waste land ploughed up for rice sowing is खिलमार khilmār; also नगर खेल nawād khet north of the Ganges, and नौखोल naukhil in Gaya. In the south-east it is खिललट khilkat or खिललट्टी khīlekatti. To dig it in order to make it fit for sowing is खोल नोष्ट्र khīlekati korab or खोल तोष्ट्र khīl torab. The preparation of a rice-field is जारी (or कर्या) जर्ब kādo (or kadwa) karab; also जिन कर्य leo karab in

Sāran, and मसाइ कर्य masah karab in Champāran. A man who cultivates rice is धन्धा dhanha to the west.

982. Seedlings.—A nursery for rice seedlings is বিহাৰ birār or বিযাৰ biyār. In South-West Shahabad it is বিনা benga. The seed is ৰাছৰ bīhan, বিহ্নাই bihnāī or বায় bīya, and the same words are also used for the seedlings of any crop; but the seedlings of rice are specially called নাৰ mori south of the Ganges and to the west. They are also called আই jaraā in Champāran. The bundles of rice seedlings ready for transplanting are আই ānti or আহিয়া antiya north of the Ganges and in the south-east, and the quantity transplanted at one place is everywhere except to the south-east বাৰ bān. Seedlings of বাই boro rice which have been transplanted once and are again transplanted are called in North-East Tirhut ভাৰ khāru or ভাৰতাৰ kharuhān. For fuller information concerning seedlings and transplanting, see 855 and ff.

### CHAPTER V.—INDIAN CORN OR MAIZE.

- 983. Indian corn or maize (zea mays) is মন্ত্র makaī or মইয়া akaiya. It is also called ভাইছা janera in the west and ভিনাহা jinora in Patna, which names ought properly to be applied to the large millet (holcus sorghum). The stalks are ভাইছা dhattha to the west and ভাইছা thathera to the north generally. In South Bhagalpur they are ভাইছা thathero, and elsewhere ভাই dānt or ভাইছা dūnti. The broken stalk is আহা lathēr in the North-West and West Tirhut, and বিমাধ nighās or বিঘামা nighēsa in East Tirhut. No special name for this has been noted south of the Ganges.
- 984. When the grains begin to form, but are not yet fit for eating, the ear is called सञ्चा sancha. The unripe ear is इडा duddha to the west generally, and also रोधा dodha in Shahabad. Other names are खिचा khichcha or उन्ज aju in Tirhut, इध्योट्ट dudhghottu in Gaya, इडा मकई duddha makai in Sāran and Patna, इध्योटी dudhbhoro in South Bhagalpur, and रेतकमरा dantkamra in South Munger: When ripe it is सट्टा bhutta or बाज bāl. When the seeds are ripe and hard, and not fit for eating, it is called पक्टाइज pakthāil. The roasted ear is होरहा horha generally, and also जोरहा orha to the east. The empty cob after the grain is beaten out is जिएा lenrha generally; also किए nerha in East Tirhut and किए रो lenruri in Shahabad. In Patna and South-East Tirhut an optional name is बढ़ री baluri, and South East

Tirhut and South Munger बनारी balri. In South-West Shahabad the word used is खुद्धी khukhuri or खाँखरी khonkhri, and in South Bhagalpur इंड हो haddi. The grain beaten out is मोटा gotā or मोट got. An ear with no grain in it is called मोराइ bhorāh or भोरहा bhorha north of the Ganges. When it contains only a few grains it is called प्रमादिया pachgotiya. The hair on the ear is भूजा bhūa to the west; also घूजा ghūa in South-West Shahabad. In Champāran and Gaya it is called सन san. In Patna it is मोह्य monchh; in South Munger, मोह्या mochha; in Tirhut and South Bhagalpur मोच moch or मोचा mocha. It is also called केसी kesi. The sheath of the cob is खोदया khoïya to the west, and बनाखोदया balkhoïya or बोनाना bokla generally. In Champāran another name is खनादया khalchoïya, and in South-West Tirhut बनाने balko or कोसा kosa. In East Tirhut it is खोद चा khoincha, in South Munger पनीरा pataura, and in South Bhagalpur पोचो pocho. The male ear is called धनवान dhanbāl or धनहरा dhanahra.

#### CHAPTER VI.—THE LARGE MILLET.

- 985. Large millet (holcus sorghum or sorghum vulgare) is called सनेर janer or जनेरा janera generally. A variety of it is called मसुरिया जनेर masuriya juner to the west to distinguish it from maize (zea mays, see jast chapter). So also it is called निच्या जनेरा nanhiya janera in East Munger. Local names are गेइसा gehuma and जोन्हरी jonhri in Saran, जिनोरा jinora in Patna and Gaya, and महमा gahuma in South Bhagalpur. Amongst its varieties may be mentioned a large red kind grown in Shahabad, called जो धरो jondhri. This is called सिमुखा गहुम sisua gahuma in South Bhagalpur, A similar red kind is called TAUT raksa or tast raksi. This millet is little grown south of the Ganges. The only other kind noted there is an a dayra, which is described as a dwarf white variety (see however § 987). North of the Ganges द्वधिया dudhiya, or (in South Tirbut) जरकटिया larkatiya or नरकटिया narkatiya, is a dwarf white variety. The following also occur north of the Ganges :-क्तलदिवा jhalariya, of which the head bends down, and which ripens late. Gol jethi in the north-west is a kind sown for fodder. A kind with two grains in one husk is called गेंड आ genhuan.
- 986. The stalks cut up for fodder are to thathera or test dhattha to the west, and set thather or set thathera to the east. When the

young plant first germinates it is आंक्रा ankura, and the young plant is डिब्भी dibbhi or डोभो dibhi. The ears are बान bāl, or in East Tirhut optionally सोस sīs. The large stack of the stalks cut up for fodder is बांच gānj to the west and टाल tāl to the east. Local names are सम्हार khamhār or कांड् kānr in South-East Tirhut.

#### CHAPTER VII.—THE SMALL BULRUSH MILLET.

987. This millet (holcus spicatus or pencillaria spicata) is and bajra in Saran. South of the Ganges it is sometimes incorrectly called मस रिया जनेर (or in Patna जिनोरा) masuriya janer (or in Patna jinora), which is properly a different grain, a variety of the large millet (holcus sarghum; see § 986). In South West Shahabad it is जींधरिया jondhariya, and in South Bhagalpur गहुमा gahuma. Just as the large millet is grown principally north of the Ganges, so this millet is grown almost entirely south of it. Hence there is great confusion in their names. The following terms relate exclusively to South Bihar: - The stalk is siz dant or sizt danti everywhere; also czst dhattha in Shahabad and उउरी thathero in South Bhagalpur. The first shoots of the plant are अँखुआ ankhua or सुआ sūa; also दिभिया tibhiya in South Munger and HEUI suiya in South Bhagalpur. To throw out shoots is चाँ ह आएव ankhuāëb or सुद्धाएव suāëb. When the ear begins to show itself the phrase used is जलहात वा lalhāt ba in Sbahabad, रेंड्रा भेज है renra bhel hai in Gaya, जहलहा रहल है lahlaha rahal hai in Patna, खड़ा गं ल ara gel in South Munger, and इलइसाइक्टे halhalāächai in South Bhagalpur. When the heads are blighted and grainless, they are zur thuntha in South-West Shahabad, The banjhar in the rest of that district and in West Tirbut, at & banr in Gaya, 3 37 thuttha in Patna, and म् ड्या muriya in the south-east. The fluffy flowers are घोंपा ghompa in South-West Shahabad, जावा jāwa in South Munger, and पुत्रको phulko in South Bhagalpur.

# CHAPTER VIII.—THE SMALL MILLETS.

# 988. These are-

(1) Panicum Italicum.—This is टाँगुनी tanguni to the southwest and in Sāran, and टाँगुन tāngun in Sāran and Gaya. Elsewhere it is कौनी kauni, or in South Munger optionally काउन kāün.

- 989. (2) Panicum mileaceum.— ভাবা sānwāñ or ভাবা sāwāñ.
  In Tirhut it is also ভাষো sāma, and in South Bhagalpur
  ভাষা sama.
- 990. (3) Eleusine coracana.—This is the most important of all the millets, forming the staple food of a large portion of the population. It is मंड् आ marua or मड़आ manrua. The empty dry ears after the grain has been taken out are ভাঁটো danti north of the Ganges; also নত আ katua in North-East Tirhut, Alci morki in South-East Tirbut, and पूत्री putti in South-West Tirbut. In South-West Shahabad they are खोलड़ी kholri, and in the rest of that district भूसी bhūsi. In Patna and Gaya they are म<sub>a</sub>सा bhūsa or खलकोइआ khalkoīya, and in the south-east they are सुख डा bhussa. The stalks are न दंशा nerua or बेदना lerua to the west, and जार lar to the northeast. Another word current to the north-west is हा dhattha. In Patna they are नार nār, in Gaya नारा nara, and in the south-east सद्या larus or नद्या narua. In Gaya and the west sto danth or sto dant or will danti is also used. The green ears roasted for food are उम्मी ummi or जमी ūmi to the west and in Tirhut, and जनी uni in Champaran. When cut somewhat riper, but not quite ripe, and then roasted, they are BITET horha generally, and sitter orha in Tirhut and to the east. They are optionally with the holha in Champaran and South Munger. In Shahabad they are TIGH habus, and south of the Ganges generally घूँचनी ghunghni or घुचनी ghughni. This being an important food-crop, there are many popular sayings concerning it. The following may be quoted :-

जब मड् ज्या ज्या के गाकी भे सा।
चिया पुता सुख घुख माकी भीता।
जब मड् ज्या में बाता भेता।
धिया पुता के गाता भेता।
Jab marua a ke gāchhi bhel,
Dhiya puta sukh sukh māchhi bhel.
Jab marua men bāl bhel,
Dhiya puta ke gāl bhel.

—When the marua began to sprout, the children dried up like flies (i.e., their food had been used for seed-grain); but when the marua came in the ear, the children got (fat) cheeks.

# मङ्जा मीन चीन बङ्ग रही। कोरो के भात दुध बङ्ग सङ्घी॥

Marua mīn, chīn sang dahi, Kodo ke bhāt dūdh sang sahi.

-Marua should be taken with fish, china with tyre, and milk with kodo.

कोहो मड़्, आ अन निर्हा । कोलहा धुनिया जन निर्हा।

Kodo marua an nahiñ, Jolha Dhuniya jan nahiñ.

- -Kodo and marua are not really food grains, (i.e. they are despised as poor men's food), just as weavers and cotton-carders can never be cultivators.
  - 991. (4) Panicum frumentosum.—This is বিৰুদ্ধ chinna or বীৰ্ chīna, local variants being বাৰ chīn in East Tirhut and বাল্ছ chīnh in South-West Shahabad. It is of two kinds in Sāran,—মীহিয়া gauriya and হ্লাহা raksa. The grains when boiled and then parched are called মাহা mārha, or মাহা mānrha, or in East Tirhut মাহা mār.
  - 992. (5) Paspalum frumentaceum—This is कोदो kodo. In Shahabad a smaller variety is called कोदई kodaī.
  - 993. Miscellaneous.—মন্ত্রা makra (eleusine agyptica), a kind of grass of which the seeds are eaten. In the North-Western Provinces this name is applied to eleusine coracana, but not in Bihār.

### CHAPTER IX .-- PULSES.

# 994. Among the pulses are-

(1) Cytisus Indicus or cajanus.—This is tet rahar or tetl rahri.
In North-East Tirhut it is also called tee raihar, test rahar, or tet rahar. The dry stalks are test rahetha

north of the Ganges, or TETS rahath or TTES rahath in East Tirbut. South of the Ganges we have will haretha or vist raretha (also used in Tirhut) in South-West Shahabad, TETAT rahretha in the rest of that district, TETAT rahraitha in Patna and Gava, जहाँदा lahraitha in South Munger and wish laretho in South Bhagalpur. The pods are Ti dhenrhi generally, and इसे chhemi also north of the Ganges and in Shahabad. To the East they are also क्रीमिंड chimari or किमड़ी chhimri. In Gaya they are also क्रीमी chhimi, in Patna (डक्टी dindi, and in South Munger हींडी dinri The stalks used for fodder are भूस bhus or भूसा bhūsa; also कडुग्रा katua in Patna and कड्ग्रो katuo in the south-east. This and other pulses when sprouting are known as डिन्भी dibbhi or डीभी dībhi, except in the north-east, where they are ntw gachh. Bread made from this pulse, gram ( z būnt), and phaseolus mungo (x z mung), is called for litti or that roti north of the Ganges (both there words being general terms for bread made from any grain), HHII bhabhra in Patna and Gaya, and factat chitawa in South Munger. at bari is a kind of round cake or fritters made similarly.

- 995 (2) Phaseolus mungo.—This is सङ्ग mūng or स्ता mūng. In North-East Tirhut it is also called मंद्रा मृत mañha mūng. The pods are called the same as those of cytisus cajunus (द्वार rahar). The stalks used for fooder are भौगा jhengra in Sāran, Gaya, and South-West Tirhut, भार jhār in Champāran and North-West Tirhut, इंड dānth in North-East Tirhut, and गाइ gāchh, भामहो jhamre, or भौग jhāng in South-East Tirhut. South of the Ganges they are भूस bhūs or भूसा bhūsa; also कहुआ katua in Patna and कुट ओ kutuo in the south-east.
- 996. (3) Phaseolus roxburghii or phaseolus radiatus.—This is ভাছে urid or (south of the Ganges optionally) ভাছে urdi. In East Tirhut it is also called কলাই kalāi, কাই karāi, or মাল কলাই mās kalāi. There are several kinds, e.g., ভামা doma (East Tirhut), which bears in Pūs and Māgh (January); কাই larhi (Sāran and South West Tirhut), বাছ, narhu, বাহা narho, কাই larho or ভাষা asni (Tirhut), or ভাষাৰা aghanus (Sāran, Cham-

pāran), which bears in Aghan (November-December); त पखी tepakhi (Sāran and South-West Tirhut) or कतिका katika (elsewhere north of the Ganges), which bears in Kātik (October-November); and भद्दी bhadwi (South Munger), which bears in Bhādoń (August-September). Another division is into black and green varieties. The black varieties are इज्जा danga (North-East Tirhut), कारी kāri, करिया kariya (Shahabad and the southeast), काला kāla in Gaya, and स्वियाह siyāh in Patna. The green kinds are तुल्ला tulbulli in North-East Tirhut, हरिया hariar in Shahabad, हरा harra in Gaya and स्वजी sabji in Patna. The pods are दिलो dhenrhi, किसी chhemi, &c., as above.

- 997. (4) Phaseolus aconitifolius.—This has only been noted south of the Ganges. It is generally called মাঘ moth. A smaller variety is মাঘা mothi. The stalks used for fodder are মুৰ bhūs, কৰ্মা katua, &c., as above.
- 998. (5) Ervum hirsutum (one variety) or cicer (or vicia) lens (another variety).—This is HU. masur or HULL masuri.
- 999. (6) Miscellaneous.— कुरथो kurthi (dolichos biftorus), खें बारो khesāri (lathyrus sativa),\* भेंट bhent or भेंटवांच bhent-wāns, खेत मास khet mās or खेत मास khet māsu (North-East Tirhut), which is apparently a variety of phaseolus radiatus, भिरंगी bhirngi (a kind of wild pulse eaten by the poor), and (Shahabad) जतरी latri.

तुरुक तारी, वैंक खेंसारी, बामन स्थाम, कायण काम

Iuruk tāri, bail khesāri, Bāman ān, Kāyath kām.

<sup>•</sup> It is unwholesome for human beings, but bullocks eat it greedily, e.g., in the saying—

<sup>-</sup>Toddy is necessary for a Musalman's happiness, khesari for a bullock's, mangos for a Brahman's, and employment for a Kayasth's.

### CHAPTER X .- PEAS.

1000. Peas (pisum sativum) are of various kinds. The large variety is सहर matar, or in South-West Shahabad सग्रा mantar. A smaller variety is कराव kerāo. This is often sown with barley, when the mixed crop is known as जो कराइ jau kerāi, &c., see § 959. The principal varieties are कविको kabili (north of the Ganges) or बन्ती kabli (south of it), which is a large white kind. It is also called घेन्सी ghebli in South-East Tirhut. North of the Ganges सग्ना sugwa is a small green variety. Another kind is known as बन्ती bajri in Champāran. बहुरी baturā in Shahabad, and क्रमहो kusahi in Patna, Gaya, and the south-east, is a small black variety. In South Bhagalpur it is called भिरागा bhithgara. Another variety is स्विचा dabliya in South-West Shahabad, स्वक क्षिण्य dabal kerāo in the rest of that district, and रावको dhābli in Patna.

1001. When the plant first appears above ground, it is called डिन्मी dibbhi north of the Ganges and in Shahabad, but in the south-west of the latter district it is stall dabhi. In North-East Tirhut it is also called बाकी gāchhi. In Gaya and Tirhut it is खंड्रा ankura, in Patna and Tirhut अंखना ankhua, in South Munger कनसी kansi, and in South Bhagalpur not gajur. When the pod appears, the phrase is to the north of the Ganges uzi aina ai pata lagat ba, or a similar phrase. In South-East Tirbut they say that the plant is uzive patāël or uzi patra. Shahabad they say it is गरराएल gadrāël; in Gaya and South-West Shahabad they say दिंदी सामस है (or बा) dhenrhi lāgal hai (or ba) : and in Patna डिकडी सामस है dindi lagal hai. The pod when fully formed is दें of dhenrhi, क्रीमी chhīmi, क्रेमी chhemi, or क्रिमड़ी chhimri to the north, and test dindi to the south. In South Bhagalpur it is Est dhenri. The unripe pods are  $\pi = \sqrt{2} ad$  or  $\pi = \sqrt{2} ada$ , and when used to make a pottage they are called चटकर batkar in South-West Shahabad. The young shoots are also used for pottage. These are called north of the Ganges साम sāg or भाषी bhāis, the latter principally to the west. When cooked to a soup it is called ut a parch and in Patna and Gaya नोर jhor. In South Munger they are चन्दा chanda, and in South Bhagalpur मटरो जाग matro sag. The young shoots cooked with pulse are called द्वपंता dalpainta in South-West Shahabad, and इससमा dalsagga in Patna, Gaya, Saran, and the south-east.

### CHAPTER XI.-GRAM.

- 1002. Gram (oicer arietinum) is बंद bunt generally. It is also called चना chana in Sāran, नेहाम bedām in East Tirhut, and रिकार rahila\* to the west.
- 1003. नोनी noni or खटाइ khatāi is the oxalie acid and acetic acid which form on the leaves. In Shahabad पीयर pīyar is a kind of which the grain is yellow pointed, and बंदी būnti, or in Patna चनी chani, is a smaller variety. Another small variety is बट्टी baturi in Shahabad.
- 1004. The young shoot as it first appears above ground is said to be सुनाइल sueāil. In East Tirhut they say of it मुद्दे प्रेंसलकेस sūi phenkalkaik. The shoot is called दास dābh in South-West Shahabad, and जिम्मी dābhi in the rest of that district. In South Munger it is दिन् मो tibbhi, and in South Bhagalpur गज़र gajur or मुजा sūa. The young leaves used as potherbs are known as चाग sūg or माजी bhāji, the latter principally in the west. The pod is दिंदी dhenrhi generally, also क्रीमो chhīmi north of the Ganges. Another name is क्रीमोइ chhīmari or क्रिमेडो chhīmari in East Tirhut. In Patna it is जिम्ही dindi, and so also in South Munger. In South Bhagalpur it is जिम्ही dindi, and so also in South-East Tirhut optionally चौरी dīñri. The unripe pods are क्या kachra, and elsewhere क्यो kachri. When the gram appears in the pod, the verb used is महरायन gadrāëb. The plant is then called in South-West Shahabad पटकी patki, and in the rest of that district चटकीचा chatkoha. In Gaya the phrase is चिद्रा लागल है chitura lāgal hai,

यहिरिहला के पूरि कचौरी यहि रहिला के हाल। यहिरहिला के केलीं खिरवरा, बहुत मोटेलें गाल॥

Ehi rahila ke pūri kachauri, Ehi rahila ke dāl; Ehi rahila ke kailīñ khirawara, Bahut motailen gāl.

<sup>\*</sup> E.g. in the song-

<sup>—</sup>I made this gram into pari thin bread fried in clarified butter) and cakes into pottage khirawara (cakes of rice-flour prepared in hot water), and my cheeks got very fat.

and in Patna चट्टा धरिस है chatta dharis hai. The husk of the gram is बन्ता balukha in South-East Tirhut; elsewhere it is सुसा bhussa, मं या bhūnsa, or भूषा bhūsa. Gram injured by rain is मराइस marāil, in Sāran गन्न galal. In Tirhut it is माइस गेन māral gel. South of the Ganges it is पत्रसम्म patlaggu पत्रसमुद्धा patlagua, except in South-West Shahabad, where it is उन्हार uktha, in South Munger दिशायन dahiyāël, and in South Bhagalpur दिशायन dagiyāl.

### CHAPTER XII.—SUGAR-CANE.

1005. Sugar-cane (saccharum officinarum) is known generally as জন্ত ākh or জন্তি ākhi. In Tirhut, Patna, Gaya, and South-East Bihār a more general name is কিনাৰী ketāri. In North-East Tirhut it is also known as ক্ৰিয়াই khusiyār. Among the varieties are—

कविद्वार kusihar (south of Ganges), a dwarf hard variety.

केतार (Gaya and the south-east), केतारा k-tāra (Patna), केवाको kewāli (Sāran), केवाको kewāhi (Shahabad), रॉहा raunda (South Munger), a tall thin variety. Ripens in Katik (October-November).

केवाली kewāhi,—see केतार ketār.

चिनिया chiniya or चिनियाँ chiniyān, which is a soft, large, whitish cane. Good for eating in Phāgun or Chait (March). It is called प्रमारी pansāri in Gaya and Shahabad, प्रमाशी pansāhi in Sāran, and also प्रमाशी panchhāhi or पंचारिया pansahiya in the south-west of that district and in West Tirhut. In South Bhagalpur it is called पाँची paunri.

गरगोरी nargori (North Bihar),—see वरींखी baraunkhi.

पिक्यारी pachhiyāri,—see पौंढा ponrha.

पनकाची panchhāhi, पनसारी pansāri, पनसादी pansāhi,—see चिनिया chiniya.

पोंटा ponrha (west), पोंड़ा ponra (Patna and Gaya), पश्चियारी pachhiyāri (South Bhagalpur), a tall, stout, juicy variety.

पोंड़ी paunri, - see चिनिया chiniya.

बरोंकी baraunkhi (Sāran), बर जख bar ūkh (South-west Tirhut), or बरबोरी nargors (North Bihār generally). This is thiu, with a reddish bark. The juice is sweet and thick.

Bihār and West Tirhut), a very thick short cane, full of juice. Fit for eating in baisākh (April-May).

सन्ती mango,—a small, hard, red cane.

रेवड़ा renwra (North-West Bihār and South-West Shahabad) or स्वतस्थानी sakarchīni (Patna and Gaya) —a yellowish kind, not good for eating.

रींदा raunda,—see केतार ketar.

सन्तर्गेंडी lalgonri,—a tall, red variety.

चकरचीनी sakarchini,—see रॅवड्रा renwra.

atel sāhi (South-West Tirhut),—a dwarf variety.

इयुनी hathuni (Sāran and West Tirhut),—a moderately thick variety.

1006. A cane-field is to the west उखाँच ukhāñw or उखारी ukhāri. Elsewhere it is simply जख (or केतारी) के दित ūkh (or ketāri) ke khet. Sugarcane land requires careful cultivation, or, as the saving runs. तीन पटावन. तेरह कोड्न tin patawan, terah koran,—three waterings. thirteen hoeings. Land prepared for sugar-cane is sais uthanw in North-West Bihar. When the land is left fallow the autumn preceding the planting, the plant is called utt porha in the North-West and in South-West Tirbut, and Gint sungar in North-West Tirbut. When an autumn crop is taken the season before planting the cane, the system is known as जरी jari to the west, or in Saran नारी nāri. In North-West Tirbut it is called that dotura. South of the Ganges it is generally called चौमास chaumās. When cane is cultivated without irrigation, a layer of leaves, grass, &c., is thrown over the seed and acts as a sort of hotbed. This system is known as खदियाओल khadiyāöl to the west and in South-West Tirhut, and गोआ पटाएव goa patāāëb in North-West. Tirbut. To the west two ploughs are used in cane-planting. The first is simply called हर har or पहिंचा बाला हर pahiya wāla har : the second is called कान्ही के हर kanhi ke har in Saran and भटीनी bhathauni in Champaran. The second plough has a bundle of grass tied round it. called कान्ही kānhi or काँनी kānni, to widen the furrow. The furrow is everywhere सिराजर sirāür, also रेइ reh in North-East Tirhut. South of the Ganges a second plough is not used. In Azamghar the furrow is filled up by ploughing a second furrow alongside it, but in Bihār this is usually done by hand.

1007. The first watering of the cane is nut the ganda dhār in Gaya and South-West Shahabad; in the rest of Shahabad it is

chhenwka. In Patna it is पनाणा panganda, and in South Bhagalpur जीधरी पटावन andhri patāwan. Elsewhere it is simply पहिला पटावन pahil patāwan. The second watering is की हा kora in Patna. Elsewhere it is होसर पटावन (or पानी) dosar patāwan (or pāni,) with a variant होसरी पटावन dosro patāwan in South Bhagalpur. The third watering is जांखरी ākhri in Patna; elsewhere, तेसर (or तेसरी in South Bhagalpur) पटावन (or पानी) tesar (or tesro) patāwan (or pāni).

- 1008. Cane sprouting from the roots left since the previous season is known as खँ हो khunti north of the Ganges, and also खँ टिया khuntiya in North-East Tirhut. When sprung from fresh seed it is known as बादम bāwag, or (optionally) in Tirhut the rop. Cane sown after the autumn crop is cut is known as जरिया के जख jariya ke ūkh to the west, and also गारी के जख nāri ke ūkh in Sāran. In South-West Tirhut it is दोत् रा के जल dotura ke ūkh. Elsewhere it is known as चौमस्या chaumasiya. Cane cut up for seed is known as nier genra or nier genri to the west, and टोना tona or टोनी toni to the east. मही gulli is also used in Shahabad. In Patna it is also called utter ponhra, and in South Bhagalpur The bihan. When only the top of the cane (which sprouts quicker than the rest) is cut up for seed, the pieces are called जीर anger in Saran, औरा angenra in Gaya, आगारी agari in Patna. आगरा agra in South Munger, and आगा aga in South Bhagalpur. North of the Ganges they are called विधया badhiya or (in North-West Tirhut) भनगी phungi. The hole in which the cane slips are kept before planting is खाइ khād in Saran, खाता khātu in Champaran, गाइन gāra in Shahabad, गंदसार yanrsar in Gaya, बससार balsar in Patna, and टोनखार tonkhad or z]नखाना tonkhāwa in the south-east.
- 1009. The sprouting eyes of the cane are आँखि ankhi or आँख ankh in Gaya and to the west generally; so also in South Munger. In North Tirhut they are अँखिया ankhiya, and in South-West Shahabad अंखवा ankhwa. In Patna and East Tirhut they are अँखिया ankhiya, and in South Bhagalpur अंखियाय ankhiyay. When just sprouted, the cane is called पुत्राक्ष puāri in Champāran, पौरी pauri in South-West Tirhut, and सोभी gobhi elsewhere north of the Ganges. In Shahabad it is called पोइ poi, in Gaya it is said to be अंतरायल ankhuāël, in Patna अंखुआयेल ankhuāël, and in Sāran सद्यायल suiyāël. In South Munger it is दिस्ती tibbhi, and in South Bhagalpur सिभी diphi. The earth is hoed (कोइल koral) once after the cane has sprouted. This is called पुत्रारो के जील puāri ke jot in Champāran, and अन्य स्था anhariya in North-East Tirhut. Elsewhere it has no special name. The chief

hoeing is done in Akhārh (June-July), and is called अक्षां, कोइन akhārhi koran or अद्या के कोड़नी adra ke korni. To the west it is called खबादी कोड asarhi kor, and in Gaya it is पासा pasa.

- 1010. The root is जड़ or जैर jar to the |north-east, and मूर murh elsewhere north of the Ganges. In Shahabad it is जड़ खर jar khar, in Gaya and South Bhagalpur ख टी khunti or ख दिया khuntiya, and in Patna and South Munger जड़ी jari or जड़िया jariya. When the sprouts are two or three feet high, they are called Elsewhere they have no special name: the plant is simply described as মা ট স্থা bhar thehuna, or in some similar The knots on the cane are ult por, and (in Shahabad) ult poi. They are also called बारे gire or बारेइ gireh. When these become visible, the plant is called फोराना porana in Champaran, Patna, Gaya, and the east generally. In West Tirbut they are तिडाना girhana, and in South-East Tirbut पीर कीरना por chhorna. In Shahabad they are called हें दीका denrauka. When the plant is ready for cutting, it is called स्त्रार्वन्य, agarbannhu in Patna and संगिर्वन्य, angerbandhu in Gaya. the south-east it is to danr. Elsewhere it has no special name. sprout of cane is site and north of the Ganges and in Shahabad and Gaya. In North Tirbut it is अ खिया ankhiya, in Patna अ खेंचा ankhua, in South Munger कमची kansi, and in South Bhagalpur ग्राम्ती aonihi. The leaves at the top and the upper part of the cane are wits agenr in the west, and n genr in the south-west of Shahabad. In Patna and Gaya they are अभेरी angeri, and also अगरा agra in the latter district. In Tirhut they are unit pagar, in East Tirhut all chhip, and in the south-east ung pagra. The dry leaves at the top are und patain in Saran and South-East Tirhnt, udulpathar in Champaran and North-West Tirhut, पतलो patlo in South-West Tirhut, and पत्रव patras in North-East Tirhut. In Shahabad they are uni patai, in Gaya पतौरा palaura, in Patna पत्रकृत pathul, in South Munger पतौरा pataura or until pathol, and in South Bhagalpur until pathor. Shoots coming from the knots are anallet kangojar or ander kangojar in South-East Tirbut.
- 1011. A branch springing from the bottom and injuring the plant is दौंज donj in Saran and South-West Tirhut, पछखी pachhkhi in Champaran, पुटना phutna in North-West Tirhut, and नाभी goble in East Tirbut. In South-West Shahabad it is and kankhi, and in the rest of that district notation ganwkha. In Patna and Gaya it is चौता jonka, and in the south-east पगुड़ी paguri. In South Bhagalpur

it is also पहुँच pahunch or पोर्गोनो pornowo. When a plant is attacked by insects, which are called in Sāran and Champāran सीना डाँगव or टाइंग दंबरव, it is called north of the Ganges कागाइन kanāil or रतस्य ratral, or (in Tirhut) कागाइ kanāh. The latter name is also current in South-West Shahabad, and variants are सगाइ। kanāha in South Munger, कानो kāno in South Bhagalpur, and कागा kāna in Patua. In Gaya it is called रताएन ratāël, and another term in use in Patua is स्थापन rasāël. North of the Ganges a plant is called सङ्ग्रिश भारत muriyāri māral when the top withers and fresh sprouts (ट्रेनी teni in Sāran and होनो donji in Tirhut) come out from underneath.

- 1012. The green top cut for fodder is आँ इ agent or आँ। anger in Sāran, में इ gent in Champāran and Shahabad, अंगरी angeri in Patna and Gaya, and also आगर agra in the latter district, and आगर agār in South Munger. In Tirhut it is unit ipagār, and in South Bhagalpur पाड़ा pagra. The piece between two knots cut for eating is पोर por. The piece of cane chewed at one time is गुझा gulla, or (in Shahabad) optionally गुझो gulli, and the refuse thrown out of the mouth खोद्दा khoiya north of the Ganges. South of the Ganges it is generally खोद्दिश khohiya or चेपुआ chepua, local names being खिडी sitthi in Shahabad and South Munger, (also used in West Tirhut) and चेपा chopa in South Bhagalpur. For the pieces of cane cut for the sugarmill, see § 288.
- 1013. A bundle of canes is view  $p\bar{a}nja$ . A large bundle is  $p\bar{a}nja$ , which is as much as can be carried by a man.
- 1014. Among the preparations of the sugar-cane may be mentioned te ras, or aute kachras, and South Bhagalpur au te kancho ras, which is the juice of the cane. When boiled down and undrained, it is TH rāb or (in Patna and Gaya) TH rāwa. When boiled down for a longer time, it becomes gt gur or nt gur (often spelt गुड़, गुड़). When made up in smallish balls it it called भेजी bheli. Other names are facts mithai, and when made round and flat, चाकी chāki and चकरी chakti in Sāran, and चक्की chakki in Patna and Gaya. The raw sugar which remains in the bag after pressing the rab is called wat sakkar, or in Patna, Gaya. and the south-east ext sankar. When dried, it is called eits khānr or भूगी bharra or भूगा bhūra, i.e., brown sugar. The molasses, or juice which runs out of the bag when the rab is pressed, is called कोचा chhoa, or in South-West Shahabad सिरा sira. सिसरी misri is suger-candy or loaf-sugar, and funi chinni or ula chini is refined brown sugar (बन्नरं sakkar or महा bhūra). The molasses (छोबा chhoa) above

mentioned is used in tobacco manufacture, and is then called तगार tagār in Gaya, गरिया gariya in Patna, and फॉक phānk in South Bhagalpur.

1015. In a sugar-refinery रस ras (or in the north-west सरवत sarbat) is the raw sugar dissolved in water. मेल mail is the seum taken off the boiling-pans. To the south-east this is मेला maila, and in North-West Tirhut and Shahabad महिया mahiya. The boiled juice is सीरा sira, and the clear filtered juice रास के रस ras he ras. To the north-west the juice after the first filtering is होमा doma, and after the second दोपारी thopāri. When the scum is mixed with water and again boiled it is called प्रसादा pasāwa.

### CHAPTER XIII.—COTTON.

- 1016. The cotton-tree ((10ssypium herbaceum) is known everywhere except to the south-west as बङ्गा banga or बांगा banga, with a local variant बांगी bāngo in South Bhagalpur. To the west it is called क्यास kapās, which properly means the cotton in the pod. Most kinds of cotton ripen about Baisākh (April-May). Amongst the varieties may be noted भोगिला bhogila (north of the Ganges), a good kind with large pods, and of medium height; भोचरी bhochri (north of Ganges), a small variety. of which the cotton is apt to get blown out of the pod by the wind. पेटवाल phetwāl is a kind grown in North-West Tirhut, and जाचर gājar is one grown close to the house in the बारी bāri, and not in the fields, in North-East Tirhut and Shahabad ; राष्ट्रिया rarhiya (Patna, Gaya, and the south-west), a dwarf variety; बहुँ सा baraisa (Patna and Gaya), a large variety; जरमा larma (Saran), नरमा narma and इंचती henwti (Shahabad), a dwarf variety. Other kinds grown in Shahabad are व प्रा bañrchha or व प्रका bañruchha, and मनवा manwan, and in Munger we find nim gola and Hung suphed. Tirhut is famous for a special kind of cotton which ripens in Bhadon (August-September), called को कटी kokti or भद्या bhadaiya which is of a red colour, and of which thread and cloth of extreme fineness are made. A dress of kokti cloth lasts a life-time.
- 1017. The uncleaned cotton in the pod is कापास kapās, also बाँगा bānga in East Tirhut, बाँगो bāngo in South Bhagalpur, and काँच रूआ kānch rūa in South Munger. To clean the seeds from cotton is ओटन otab or चौंटन ontab, and the operation is called चौंटनी otns or चौंटाइ otās in

Saran, and with auntai in South Bhagalpur. The last two words also mean the wages paid for cleaning. The cotton-pod is called to dhenrh to the north-west and to dhenrh in Tirhut and South Bhagalpur. In Shahabad it is to dhonrh, in Gaya ter, in Patna and South Munger to the west, and bangaur in Tirhut, and bangaura in South Munger, and and bangth in South Bhagalpur. In South-West Shahabad it is attained. A cotton-picker is different lorknihar (which means simply 'gatherer') in the north-west; elsewhere there is no special name. North of the Ganges he or she is paid by a share of the cotton picked. This is called ut pai in Saran and South-West Tirhut, ut poi in South East Tirhut, and attain boin in North-East Tirhut. In North-West Tirhut the share is a fourth of the crop, and is called ut chauthaiya.

1018. The stages of growth in the plant are as follows :-

When the first leaf shows, it is called पतियासल patiyāël north of the Ganges. In South-West Shahabad it is ड्रब्सी dubbhi, in the rest of that district डिब्सी dibbhi, and in Patna and Gaya कनियासल kanīyāël.

The next stage is होपतिया dopatiya to the north-west, and also south of the Ganges generally. In Tirhut they say it is क्यारी फोरल kapāri phoral. In Gaya it is पतिया patiya, in South Munger होपत्ती dopati, and in South Bhagalpur द्वपतियो dupatiyo.

The third stage is चौपतिया chaupatiya or (to the north) चरपतिया charpatiya, and in South Bhagalpur चरपतियो charpatiyo.

The flower has no special name, and is simply called we phal. To flower is young phulaöb.

The pod bursting is aute u za kapas phutab to the west, and in East Tirhut aim u za bānga phūtab. In South Bhagalpur it is aim u za bāngo phūtab, and in South Munger ulet phota.

- 1019. Raw cotton is बागांव kāpas, or बांगा bānga, बांगो bango, &c., as above. In East Tirhut बांग bāng is also used. To the west बांगा bānga means cotton stalks. From राज्या rarhiya (raw cotton) about one-sixth clean cotton is obtained; from भोचरी bhochri and कोवटी kokti, about a quarter; from भौगिला bhogila and इंबलो henvii, about a third; and from पंडवाल phetwāl, about two-fifths. सिम्मरा mijhra north of the Ganges is a mixture of भोचरी bhochri and भौगिला bhogila.
- 1020. Cotton is the subject of many proverbs, as (for instance) South Munger proverb केवरा वारच विगदा वांग, कमर में चोरो ना, jekra

bārah bigha bāng, kamar men doro na—(here's a fine miser) he has twelve bighas of cotton and can't afford a string for his waist.

## CHAPTER XIV.—TOBACCO.

- 1021. Tobacco (nicotiana tobacum) is data tamāku or data tamākul. It is little grown south of the Ganges except in South-Bhagalpur and South Munger. North of the Ganges there are three main classes:—
  - (1) देखी desi or (North-East Tirhut) बद्दकी barki.
  - (2) विकासती bilāëts or (in Champaran and North-West Tirhut) क्लाक्तिया kalkatiya.
  - (3) चेंड जा jethua, which is sown in Magh (January-February), and cut in Jeth (May-June).

In East Bihar are found ঘ্ৰমান্ত্ৰৰ dhamākul, a broad-leafed variety, and ঘ্ৰতিয়া pandathiya and ছাঁন্তা khangrīwa, parrown leaved varieties.

- 1022. In Shahabad মীৰ্ছৰ morhan are long leaves of the best kind, and ইভজা chheua the next quality.
  - 1023. When manufactured, there are three main kinds :-
    - (a) Chewing-tobacco.—खेनी khaini or सूरती surti, or in Patna रोखता dokhta. Some people call this कत सुन्ने समित्र kal jug ke amrit, or the ambrosia of the kali age.
    - (b) Snuff, which is नास nas or नस nas.
    - (c) Smoking-tobacco.—This is called पौजान piani or पीनी pini generally. Among its kinds may be noticed बाजा kāla (North-West and South-East Tirhut) or पद्धा pakua (Tirhut), which is the coarsest kind. कर्यो kandai or भूगा bhusna in South Bhagalpur, and गूँ प्रकार in South Munger, is broken tobacco. कर्जा karua or (in South Bhagalpur) कर्जा karua is a second-class strong kind. होस्सा dorassa, or in South Bhagalpur होस्सो dorassa, is a mixed tobacco of fair quality. Another similar kind is called मसाबहार masāldār! or महत्तीचा mahkaua, खनीरा khamīra is a scented kind mixed with spices, and साहा sāda is the plain kind in common use.

shops, and होकानो dokāni is the cheap kind used by the poor.

- 1024. The stalks are sact danti generally, with local variants size dant in South Munger and ड टकी dantki in South Bhagalpur. In East Tirhut they are also with danth. The refuse broken leaves and stalks are भाषा jhāla in the south-east, and in South-East Tirhut खाया kharsān. When blisters come on the leaf when ripe, the verb used is चा ब charhab; also गुलिटियाएब gulthiyāëb or चितियाएब chitiyāëb in Champaran. The blisters themselves are called [471] chitti. seed-capsules are घूनी ghūni in Sāran, पर phar in Chāmpāran, and bichchi in Tirhut generally. The nipping or cutting off of the head is पता त ्रव pata tūrab in Sāran and South-West Tirhut, छोपनी chhopni in South-East Tirhut, and काटब kātab or कटनी katni elsewhere. Someteimes shoots appear after doing this, and they are called दोंनी donji. Other local names are पचली pachkhi in Saran and Champaran, कनोजर kanojar in North-East Tirhut, कन स kanail or कांखी kankhi in South Tirhut, and कानई kanai in the east generally. The first crop is called मोरहन morhan. A second crop raised from the reots is হাঁলী donji, or in South Bhagalpur দু'বিষা khuntiya. Tobacco seedings are called पोञा 10a in South Bhagalpur.
- 1025. Tobacco is the subject of many proverbs and tales. An example of the former is—

चून तमाकु सान की, विन माँगी जी दे। सरपुर नरपुर नागपुर, तीनू वस कर ले॥

Chūn tamāku sān ke bin mānge je de, Surpur narpur nāgpur, tīnu bas kar le.

- The man who mixes tobacco with lime (for chewing) and offers it without being asked conquers (by his virtuous action) heaven, earth, and the lower regions.
- 1026. A folk-tale about tobacco runs that a villager who went to a distant village to visit his friends found them smoking in the morning before they had said prayers, whereupon he said—

भोर भए महुख सब जागे। हुक्का चिलम बाजन लागे॥

Bhor bhae, manus sābh jāge, Hukka chilam bājan lāge.

—At daybreak the people awoke, and immediately the hukkas began to gurgle.

To which one of the smoking party replied-

# खेनी खाएन तमाकू पौए। सेनर क्तान के से जीए॥

Khaini khāe, na tamāku pīe, Se nar batāwa kaise jīe.

-Show me the man who can live without either chewing or smoking tobacco. This verse has passed into a proverb.

1027. Tobacco is often compared to the river Ganges, which has three streams,—one of which flows to heaven, another to hell, and the third to the world of mortals. So also tobacco has three branches, viz. snuff, which, by being smelt, goes upwards; smoking-tobacco, which, by being smoked, goes downwards; and chewing-tobacco, which goes neither up nor down.

### CHAPTER XV.—OPIUM POPPY.

- 1028. Opium poppy (papaver somniferum) is पोसता posta or (in Patna) पोसत posat. The advances made to the cultivators are दाइनी dādni. The average produce per bigha is सर्दर परतर sardar partar or परता parta north of the Ganges and in Gaya In Shahabad it is माल māl, and in Patna पदा paida. The rough measurement of the field is जिंदाबरी lathābandi in South-West Shahabad, and elsewhere south of the Ganges नाप nāp. North of the Ganges it is नापो nāpi.
- 1029. The poppy petals are फूल  $ph\bar{u}l$ , and the heads देंद्री denrhi, or in Patna दिखा dindi. The cakes of poppy petals are पुजापता phulpata in Chāmpāran, पुजापत्ती phulpatti in Sāran and Tirhut, and पत्तल pattal in Patna. Elsewhere they are रोडी roti.
- 1030. The instrument used for piercing the capsule is नहरंगी naharni, or in Tirhut optionally सहरंगी laharni. In Patna and Gaya it is नरस्ती narhanni. To lance the capsule is पाइन pāchhab. The milky juice which exudes is द्ध dūdh, and the opium yield is मास māl. The scraper used for collecting the coagulated opium off the pod is called चित्रहा situha or चित्रसा situa. In South-East Tirhut sometimes a bamboo scraper is used, called पोइनी pochhai. The gathering of opium is उठाएन uthāëb generally. Local words are काइन kāchhab to the north-west and in North-West Tirhut, and पोइन pochhab

also in North-West Tirhut. The person who lances the capsules is पद्धिवार packhnikār or (fem.) पद्धिवारिन packhnikārin, and he or she who collects the coagulated opium which has exuded from the capsule is उद्योगिहार uthaunikār or उद्योगिहारिन uthaunikārin. The grain of the prepared opium is हाना dāna, and its consistency सुद्धिन sukhwan.

- 1031. The grains of opium-seed are दाना dāna. The shell is खोदया khoiya north of the Ganges, and खोदिया kyohiya in Gaya. In South-West Shahabad it is खोसही kholri, in the rest of that district and in South-East Bihar बोक्जा bokla, and in Patna बक्जा bakula. In Gaya चिट्टा chitura are poppy capsules which are empty and have not borne seeds. The oil-cake prepared from the seeds is पिना pinna or पीना pina.
- 1032. The refuse opium, consisting of the washing of the vessels, &c., is under all and an north of the Ganges and unit dhoë south of it. In the south-east it is under a dhoë. The refuse scraped from the vessels is used khurchan, or (Gaya, South-West Shahabad, and South Munger) used a khakhoran. The juice which drains off the fresh opium is under pasewa. This is inspissated on rags, and the product is under kapha, of which under kapha in Shahabad and under kappha in Saran and South Munger are local variants. The fluid opium used in pasting the leaves on the cakes is under lewa in Patna, and the cakes themselves are unterlighted.
- 1033. Preparations of oplum.— মহল madak is made by boiling down and inspissating the juice (অয়ে arakh) of pure opium or ক্ষা kapha. This inspissated juice is known as কিমান kimām or (in Gaya) কিমান kemām. With it are mixed out-up betel or guava leaves, known as আৰু jāsu. The pipe used for smoking madak is known as মহত mahru or তামো thariya or তামো tharhiya, or to the south cast মহ meru. A small piece of madak, known as হাম chhita, is ignited in the bowl of the pipo with a spill of charcoal, called কলম kalam or (in South Bhagalpur) ক্যান kangra, which is held by a small pair of tongs, called বিনামে chimta in the north-west and নিমান south of the Ganges.
- 1034. च्या chandu or चाँच chāndu is the distilled juice of pure opium, and is smoked in an earthen bowl called चित्रस chilam to the north-west and द्वात dawāt south of the Ganges. This is attached to a stem called नगाली nigāli in Sāran, Patna, and Gaya, नगाला narcha in Champāran, and नगाला in North-West Tirhut. Another name is वस्र bambu or चाँच bāmbu, bamboo. It is stirred with an iron skewer, called च्या thak.

When it is desired to make the preparation extra strong, the sediment which accumulates in the stem of the pipe is added. This is called अधि anchi south of the Gauges generally, इन्हों insi in South Munger, and इसी inchi in South Bhagalpur. In Patna it is also called नहीं kainti, and in Champāran नहीं kaiti.

1035. पिनिक pinik is the drowsiness produced by opium intoxication, and पुसको chuski the quantity of opium water drunk at one time.

## CHAPTER XVI.-HEMP.

- 1036. The hemp plant (cannabis sativa) is known as गाँचा gānia when cultivated in Rajshabai, and भाँग bhāng when wild elsewhere. The leaves are known as भाँग bhāng or भाइ bhang (generally), सबुची sabuji (north-west), or सबजा sabja (Patna and Gaya. A favourite way of taking the drug is in the form of a sweetmeat, called मञ्चम majūm or भाइम mājūm. चरस charas is the resin which exudes from the flowers and leaves.
- 1037. The flat gānja is चपटा chapta or चिपटा chipta; also in Shahabad नाती kali. The round gānja is गोन gol, also गिर्गिटिया girgitiya in South-West Shahabad, and also पमझे pamri in the rest of that district. Broken gānja is रोरा rora or चूर chūr, or (in Gaya and South Munger) रहे raī In Shahabad नाजूचर bāluckar and चासर jāsar are two kinds of imported gānja. Gānja with stalks attached is called चाढ़ी dārhi in Shahabad. मेहनी medani or मेहनी medni is a plant taken with gānja.

## CHAPTER XVII,-INDIGO.

- 1038. Indigo (indigofera tinctoria) is জাল līl. The word নাল nīl used by Europeans is a Westernism borrowed from Urdu-knowing subordinates.
- 1039. Indigo sown before the rains and irrigated by artificial means is called परीमा pataua. The first cutting is मोरचन morkan. The second cutting is क्रेंट्रे khūnti or (in South-East Tirhut) होंनी donji, and the third cutting is called तेंचा tenji or तेंचरो telri, or in the northwest तिर्देश tirānti. If the second or third cutting is allowed to grow on to the second year it is called जनम kalam or जनमो kalmi. In South Bhagalpur there are two sowings (वाया bāwag),—one called कतिकरे

katiki (कातिक Kātik = October-November), and the other प्रज्ञानी phalguni (पाल्यान Phālgun = February-March). In North Bihār the chief sowing is the प्रानी phaguni (पारान Phāgun = February-March), and there is a second sowing in अखाद Akhārh (June-July), called अखादी asārhi or अखादी akhārhi. There are also sowings in का तिक Kātik (October-November) and बें साख Bassākh (April-May).

- 1040. The system of obtaining the plant from cultivators on advances is called दादनी dadni or दादन dadan in the north-west, in South-West Tirbut, and in South Bhagalpur. When indigo is grown by cultivators who have entered into an agreement to do so, it is called रैयती raigati or असामिनार asāmiwār or असामियार asāmiyār. Under the system called in the north-west an acte khush kharid, the planter advances money to a cultivator to sow indigo. He. also advances indigo-seed at a given rate, the price of which is recovered in the settlement of accounts. This is also called east khuski in Champaran and नविपत्तखानी nawishtakhani in North-West Tirhut. टीका के लोल thika ke lii is when the planter takes a village in farm and cultivates the zira'ats (जिरात jirāt) and such other land as he can secure. The special cultivation carried out by the planters themselves is चिरात jirat, or (in South Bhagalpur) बाड़ी bāri. The divisions of their estates are called four jila, each under charge of a four t jilādār, and a subdivision is (north of the Ganges) टोब tōk, under charge of a टोबहार tokdar.
- 1041. अजावा alāwa or अजावे alāwe is indigo grown by the cultivator on his land after opium or other crop.

# CHAPTER XVIII.—OTHER DYES. ·

# 1042. The following may be noted:—

- (1) আৰ āl (morinda citrifolia).—This is used for dyeing red cotton cloth আৰু sālu and the coarse red cloth 國祖祖 khāruān. The root is divided into classes, called আৰ bāna. The best and thinnest roots are known as 以知 phūha. The thickest roots are 南西北 kachri in Shahabad and South Munger, and বাছৰ toran or আৰা gulli in Patna and Gaya. মৈল mel in Shahabad is a mixture of the two kinds.
- 1043. (2) Safflower (carthanus tinctorius).—This is স্থান knsum generally north of the Ganges, and কান্তন kosum

south of it. A local name is  $\sqrt{a} ph\bar{u}l$  in Tirhut. The seed is  $\sqrt{arri}$  in South Munger. It is also called to the west and in Patna and Gaya  $\sqrt{arri}$ . The following are some of the colours prepared from safflower:—

असमानी asmani, light blue.

कारी kāgī, navy blue.

काला kāla, black,

काहि सबुजा kāhi sabuja, dark green.

केसरिया kesariya, saffron-yellow.

गुलाब gulāb or गलाबी gulābi, pink.

चैपई champas, orange.

नारञ्जो nāranji, orange yellow.

पैटानी paithani. Made by dipping into an indigovat also.

पांतासाची phālsāhi, plum-coloured.

बहामी badāmi or वेहामी bedāmi, almond-coloured.

वैंगनी baingni, purple.

मासी māsi, a very dark green.

जाल lāl, red.

खीला līla, dark blue.

सवुजा sabuja, green.

चूरमई surmai, antimony-black.

स्त्रख surukh, red.

सोनचुला sonāhula, golden yellow.

Of course all the above are not made from safflower alone, but it forms the basis of all. In most of the darker colours it is used in conjunction with indigo. The following riddle shows the comprehensive range of colours embraced by safflower. At a marriage procession garments of every bright colour are worn, and the riddle is—

# बाप रच्च पेटे, पुत गेल बरियात।

Bap rahal pete, put gel bariyat.

—While the father was still in the womb (i.e., pod), the son went to a wedding party. The father is the seed of the safflower in pod; the son is the safflower dye.

In the north-west অব্যা বৈজ jarua tel is an oil extracted by means of heat from the safflower-seeds. It is called অত্ত আবৈজ jarathua tel, and in Shahabad ভতুআ বৈজ darhua tel. It is used for applying to sores, and also for burning.

1044. (3) बक्तम bakam (casalpina sappan).—This is a red dye, used principally where आज al is not obtainable.

### CHAPTER XIX.—OILSEEDS.

- 1045. Oilseeds in general are चिक्रना chikna, ব জন্তবাৰী telhan tisi, or simply ব জন্তব telhan. Amongst the varieties may be noted—
  - (1) Mustard (brassica campestris or sinapis dichotoma).—This is सरिसौ sarison or सरिसो sariso north of the Ganges and in the south-west; elsewhere it is सरसौ sarson. In South Bhagalpur it is मोटो goto, and in North-East Tirhut also मोट got. Oil from this seed is called क्रमा त स karua tel or कह तस karu tel.
  - (2) Mustard (brassica juncea or sinapis ramosa).—This is জাহী lahi or হাই rāi to the west. In South Munger it is ফো ranchi, and in East Tirhut হবা rainchi. Elsewhere it is নীয়া tori, and so also in Champaran.
  - (3) Sesamum (sesamum orientale or Indicum).—This is a variety with a white grain, which is sown with the antumn crop.
  - (4) Linseed (linum usitatissimum).—This is নাৰী tīsi. To the east it is also called বিৰুদ্ধ chikna.
  - (5) Safflower (carthamus tinctoria).—See last chapter.
  - (6) Castor-oil plant (ricinus communis).—This is ইছ renr or ল'ল lenr, also আছে anrar in the north-west, Tirhut, and South Bhagalpur, and আছো anda in Tirhut and South Bhagalpur. The seed is নিছা lenri or ইয়া renri generally, also আছো anrri in the north-west, Tirhut, and South Bhagalpur, and আছো andi in Tirhut and South Bhagalpur. A plantation of this is ইয়ায়া renr. wari or ইয়ায়া lenrwari.
  - (7) Bassia tatifolia.—The tree is called মন্থ mahu or মানুধা mahua. Its clusters of buds are হুলা chhatta or কাৰ konch. The flower which falls to the ground and is used for distilling spirits is মন্থ mahu or মন্থা. The oilnuts which are borne by the tree are কাৰে koin north of the Ganges, or কাৰে koini in South-East Tirhut. In South-West Shahabad they are কাৰে koinda. In South Munger the mahua-pickers sing a song while employed called হাছ toka.

- (8) Celastrus paniculatus.—This is मलवँगनी malkangni or डिटौरी dithauri in South-West Shahabad, मलकानी malkauni in Patna and Gaya, मनकौनी mankauni in South-East Tirbut, कौनी kauni in South Munger.
- (9) Croton (croton tiglium).—This is जमान गोटा jamāl gota in Patna, Gaya, and the west.
- (10) Two other oils may be mentioned here. One is মিমিয়াই কাল mimiyai ke tel, which is supposed to be extracted from the heads of coolie emigrants to the colonies, by hanging them head downwards over a slow fire, see §1458. The other is অকাজ ক'ল ল akol ke tel, made from the nut of the অকাজ akol (aleuritis triloba) tree, which if rubbed on a person's body makes him invisible. This is like saying that if you catch a guinea pig by the tail his eyes will drop out; for the nut is so hard that it is impossible to extract oil from it.

## CHAPTER XX.-FIBRES.

- 1046. Hemp, as a drug (cannabis sativa).—See Chapter XVI.
  1047. Hemp, as a fibre plant.—There are two varieties of this:—
  - (1) ধন san (crotolaria juneea) or (North-East Tirhut) ক্ৰমেহা kasmira or ধান son.
  - (2) पटचा patua, 到贡证 kuturum, or (in South Bhagalpur) जृद्दाम kudrum (hibiscus cannabensis, Roxb.) This is like san, except that its flower is like the safflower, and that it is used only for making the coarse fibre (चना channa). See below.
- 1048. The stalk is सन्दे sanai north of the Ganges generally except in North-East Tirhut, where it is सने sanai. In Shahabad it is सने sanaitha, in South Munger सनाठी sanāthi, and in South Bhagalpur सनसनाटी sansanathi. When the bark has been removed, it is सन्दे santhi, or in South Munger सनाठी sanāthi, and in South Bhagalpur सनसनाठी sansanāthi. A bundle of fibres is जास्र larchha, or in East Tirhut सोचा dhoa or युवा thāa. Short stalks that remain in the fibre are called in North-East Tirhut मुद्दी gudri, खुद्द khudar to the west and in West Tirhut, जुद्दारी kudāri in North-East Tirhut,

and गुद्द gudar in East Tirhut. In North-East Tirhut the coarsest fibres are called चना channa, the next finest पर का patua, and the finest कर्यास्टा kasmira. There is no special name for the seed.

### CHAPTER XXI.—BETEL.

- 1049. Betel (piper betel) is called पान pān, and the man who grows it नाई baraī. Amongst its varieties the best is नाप्र kapūri, which has a long leaf, mild, but slightly bitter. The next best is बाँचा sānchi. The common varieties are नाभार kakir (North-East Tirhut) or नाभार kaker (South-East Tirhut), which has a large leaf and mild flavour; the नाम्रो belahri (south-west) or नाम्रो belahri sānchi (North-East Tirhut), and the माहो maghi, which have a round leaf and a sweet taste; and the नाम्रो bangla or (South-West Tirhut) नाम bangra, which is small and slightly bitter. To the west there is also a kind called नाम्या karārua, which is small and sweet.
- 1050. The mound on which the plant is grown is thus bhinda, will baraitha, or use pārh north of the Ganges. South of the Ganges it is will bhith. A betel-garden is will bareo or wid barwe. The rows in the plantation are with sapura in Sāran and South Tirhut, and with sāmpur in North-East Tirhut. In South-West Shahabad they are use pās. and in the rest of that district uith pānti. The intervening spaces are with āntar or with antra. They are also use pāhe in South-East Tirhut, with daungar in Patna and Gaya, and will daug in the south-east. The main props down these lines are will koro in Tirhut and with koraī in Shahabad. In the south-east and in Sāran they are wath ikri.
- 1051. The spaces between these props are in North-East Tirhut with korwas. The supports of the plants are with sarai north of the Ganges or in South-East Tirhut with kharhi, of which there are generally six between each main prop. In Shahabad they are called thempi are the lumps of clay in which the plants are sown. In Shahabad the are supports of the roof are also with kōro, except in Patna and Gaya, where they are with khambha, and in South Munger, where they are with khāmhi. The walls are that, or in East Tirhut with the roof is with mūro or with manro. In South-East Tirhut it is optionally with mūro or with manro. In South-East Tirhut it is optionally with mūro in South-West Tirhut

it is उटरा thatra, and in Shahabad and East Tirhut optionally हानो chhāni. In South Munger it is महना marwa or उटरी thathri.

- 1052. The brushwood on the top is खाई kharaī or (in South West Shahabad) खाजा kharcha, and in South Munger कच्चा kachen. The young seedlings for planting are कलम kalam in Patna, Gaya, and Shahabad, and बें के bel elsewhere. They are watered from an earthen vessel called जीटो loti or (in Sāran) जोट lot. In North-East Tirhut महोद mator is a basket in which the gardener carries earth to the plant, and which he also uses for keeping the leaves. In East Tirhut मूद्र bhūr, and in South Tirhut मूद्र bhūra, are the shoots which come out of the plant near the root in Jeth (May-June), and कन kan are those which come out in Bhādon (August-September).
- 1053. A packet of twenty leaves is called a কাই kors south of the Ganges. North of the Ganges one of fifty leaves is called বাইয়া chauthaiya, and one of a hundred leaves আঘা টোলা adha dholi. A টালা dholi has 200 leaves.

1054. North of the Ganges and in Shahabad-

7 होती dholi = 1 कनवाँ kanwān.

14 ditto = 1 अधवा adhwa.

28 ditto 1 पौचा paua or पाचा pāwa.

4 पौचा paua = 1 खें सो leso.

- 1055. Elsewhere south of the Ganges 108 दोनी dholi make 1 से leso. A leaf of betel rolled up in a cone for chewing is नेष् bira. विद्या birua, or विद्या birua or खिल्ली khilli. It is also जिल्लीरो gilauri. चित्रा singhara are the triangular-shaped packets. Betel is kept for consumption in a wickerwork basket, called व जन्म belahra or (in East Tirhut) विद्या birahra. In North-East Tirhut दिनो dhaki is a large basket used by the betel-grower for the same purpose.
- 1056. The betel-nut, which is the fruit of the areca catechu, is called सपारी supāri or सोपारी sopāri. Other names are कर्नेनी kasaili north of the Ganges, and सख्य mukhsudh, मुख्युधि or मुख्युधी mukhsudhi, in East Tirhut. The nippers for cutting the nut are सरीता sarauta. A well-known proverb is मुख्युधि न॰ परकार, तनिका सदियातक वह समस्कार mukhsudhi nā parkār, tanika ariyātak bar chamatkār,—he can't afford to give his guest even a bit of betel-nut, and yet he escorts him out of the house with as great pomp as if he had been actually entertaining him.

## CHAPTER XXII.—GARDEN CROPS.

1057. These may be divided into-(1) edible roots, (2) gourds, (3) miscellaneous.

#### EDIBLE ROOTS.

- (1) Potatoes (solanum tuberosum or esculentum).— আৰু ālu, and in East Tirhut also আৰু āru. Also north of the Ganges অনুত্ৰা alua and অনুত্ৰ aluē. North of the Ganges অনুত্ৰা alua and অনুত্ৰ aluē. North of the Ganges অনুত্ৰা lalka or হছিলা dackhini is a red kind, and মলহছিয়া maldahiya or ন্যালা napāli a white one. A red variety of the last name but one is called মলহছিয়া ক্ৰমুহ্যা ক
- 1058. (2) Yams (dioscorea sativa).—These are जनार latār generally north of the Ganges, and also रतार ratar to the west. To the north-west yet another name is खतार atār, and to the south-west कटार kathār. In Patna and Gaya it is रताज ratālu. In Tirhut it is also called फर phar and to the east also खरहराजा khamharua.
- 1059. (3) Sweet potato (batatas edulis).—This is सकारक sakarkand generally. North of the Ganges it is also called समका अनुसा lamka alua, and in South-East Tirhut समझा alhua. In East Bihār it is अनुसा alua. North of the Ganges there are two varieties:—(a) A red one, called स्था desi, and also in South Tirhut सकता lalka; (b) a white one, called विज्ञास्त bilāëti, and also कर्मसा karmiya, and in South Tirhut also उन्दार ujarka. A large white variety, weighing from one to twenty sers, is called in North-East Tirhut संज्ञा tekuna.
- 1060. (4) A kind of yam (dioscorea fasciculata).— य यनी suthni.
- 1061. (5) Arum colocasia.—This is আৰু arui generally. Also আৰৌ arubbi in North-East Tithut, ইন্ধা pekcha in South-East Tirhut, ইন্ধা pekchi in Shahabad, ইম্মান pepchi in Gaya and Shahabad, and in South Bhagalpur

- अवती alti. Another variety (colocasia antiquorum) is क्षान्त kachchu. A larger variety is खन्या arua or कस्ति kanda.
- 1062. (6) राम सेचीर ram kesaur (North Tirhut), or सिन्धी वन misiri kan (East Tirhut), a large edible root sometimes weighing eight or nine sers. Considered a very cooling food.
- 1063. (7) আহীৰৰ ādīchak the Jerusalem artichoke (helianthus, tuberosus).

#### GOURDS.

- 1064. (1) The water.melon (cucurbit citrullus or citrullus vulgaris).—These are বাৰ ল tarbūj or বাৰ লা tarbūja or in North-East Tirhut বাৰ্ম কাৰ্টিয়া, In Champāran they are also called ঘৰিছীৰা panihaua, and in South-West Shahabad হিন্তমাৰা hinuana.
- 1065. (2) The melon (cucumis utilatissimus or cucumis melo).—
  অব্ৰুখ্য kharbūja. Also বাৰ্মী lālmi in West Tirhut
  and Patna and the west, and দুই phūnt (which is properly the cucumis momordica) to the south-east.
- 1066. (3) Cucumis momordica.—This is দুই phunt when it is ripe after bursting spontaneously. The young fruit used for cooking is ভান dam and (South-West Shahabad) ভানৱী dableko.
- 1067. (4) The bitter-gourd (monordica charantia).—कर जkaraila, also करेंजो karaili in Shahabad and South Bhagalpur and करेंज karail in North-East Tirhut.
- 1068. (5) The bottle-gourd (lagenaria valgaris or cucurbita lagenaria).—This is কর্ত্রা kadua generally, or কর্ kaddu in South Bhagalpur. Another name in Gaya, South Munger, and the west generally is আবা lauka, with a variant ভাজা laua in Patna. In East Tirhut it is also called বিভাকা sajiwan.
- 1069. (6) Lagenaria acutangulus or cucumis acutangulus.—This is तरोद taroō generally. Other varieties are सतपूतिसा satputiya, सिङ्गा jhinga, सिंगु नी jhinguni, or सिंग सी jhinguli, and नेतुओं nenuān, चिडरा ghiura, or चेवड़ा ghewra.
- 1070. (7) Cucumber (cucumis sativus, .—खीरा khīra. A variety is बाजम खीरा bālam khīra in Shahabad. A large

variety of cucumber is called काली kakari or जांकरि kānkri (cucumis utilatissimus). Natives much appreciate this vegetable, as in the proverb निकोरिया गेजीह हाट, कांकरि है जि जिया पाट nikauriya gelāh hāt, kūnkari dekhi hiya phāt,—the man without money went to market, and his heart burst when he saw the cucumber. The great size of the plant is well illuitrated by the proverb एक हाथक कांकरि, नो हाथक वीया ek hāthak kunknri, nau hathak biya,—a cucumber only one cubit long has an offspring nine cubits long. (Cf. the parable of the grain of mustard-seed.)

- 1071. (8) The sweet pumpkin (cucurbita pepo).—This is ক্ৰিছা konhra; also in North Tirhut কান ছয় komhra, and in East Tirhut ক্ৰিমা kadīma. Another variety, much used for making sweetmeats, is মনুআ bhatua to the west; also মৃত্যা bhūa or মুহা bhūra in Gaya, বিষক্তিয় siskoāhra in Champaran, বিভাকতিয় sijkoāhra in Tirhut, ব্ৰক্ষিছা surujkonhra in South-East Tirhut, and ক্ৰম্ভ kumhar to the east.
- 1072. (9) चिचिरा chichira or चिचुरा chichura (north of the Ganges), the snake-gourd (trichosanthes anguina),—In East Tirbut it is केता kaita, and in Saran केत kait.

MISCELLANEOUS VEGETABLES (IN ALPHABETICAL ORDER).

- 1073. The writer regrets that he has not been able to identify the botanical names of more than a few of the undermentioned plants. In some cases the identification given is doubtful. He has to thank Dr. Shaw, Civil Surgeon of Darbhanga, for much assistance rendered in correcting the botanical portion of this division.
  - धनमोहा ajmoda or (Tirhut) बनन वादन banjewāin, parsley (petroselinum sativum or ? opium involucratum).—Cf. पित्रचे ती pitarseli.
  - चाचुनाइन ajwāin,—see जवाइन jawāin.
- आहरक adrakh or आहरक adrak, ginger (zingiber officinale), also आहो adi generally, आह ād in South-East Tirhut.
- ख्यपोत्त asaphgol,—see सपारीत saphgol.
- चार ad, चारी ādi,—see चर्य adrakh.

इसिरती imirti, or in Gaya रमचरना ramcharna, an acid curryvegetable, the fruit of spondia mangitera (?).

क्य kath, -see खें र khair.

कमल पतर kamal patr,—see पियान piyāj.

करम कहा karamkalla or बन्धा कोनो bundha kobi, cabbage (brassica olereacea).

कलमो साम kalmi sag, the tops of convolvulus repens, much used as a spinach.

कवाक kawāchh,—see के बांक kewanchh.

कासनी kāsni, endive (cichorium endivia).

काइ kahu (Patna and Gaya), a kind of lettuce (lactuca sativa).

कुनरी kunri, a creeping-plant, of which the fruit is used for curries.

का बांक kewanchh or काबाक kawachh, a plant which produces a pod like a bean (do'ichos pruriens). In Gaya it is मूप बेस bhup sem.

कैता kaita,—scelिचिश chichira.

कोचला के साम kochla ke sag, a kind of spinach.

बोबो kobi, the cabbage (brassica olerocea).

खुरफा khurpha or गोलाश golāwa (Sāran, Patna, and Gaya), purslane (portulaca sativa).

ख सबरो khusbari,—see मकोय makoe.

खंखसा khekhsa,—see चर्रेस chathail.

खंद khair or कथ kath, catechu (acacia catechu).

गरीना gadina, a kind of pot herb with a taste of garlic.

मजरा or मजड़ा gajra or (in South-West Shahabad) माजड़ gajar, the carrot (daucus carota).

गाज्य gājar,—see गजरा gajra.

युलफा gulpha, a kind of spinach.

मॅन्डरी genhri or (in East Tirhut) मेन्डरी genhāri, a pot-herb (? amaranthus frument occus).

गेलच्छा gelhanta, गोलभएटा golbhanta,—see व गन baingan.

गोज।वा golāwa,—see खुरफा khurpha.

गोल मिरिच gol mirich or गुलमिरिच gulmirich,—see मिरिच mirich

stalk is eaten by the poor (? aponogeton monostachyon).

88 R. & J.

चरें ब chathail or चरें ब chatail, a much-appreciated curry-vegetable, a creeping-plant. In Gaya it is called खंखना khekhsa.

चनसर chansur, a kind of cress (lepidum sativum).

चित्रमें की chitarseli,—see पित्रमें की pitarseli.

चाँवा chengwa,—see बाँगन baingan.

जवाइन jawāin (west, Patna, and South Bhagalpur), ज्ञजवाइन ajwāin (Gaya and South Munger), ज वाइन jewāin (north of the Ganges), a plant something like aniseed (ligusticum ojowain and ptychotis ajowan), खोरासानो जवाइन khorāsāni jawāin is hyosciamus niger. This plant is not the true aniseed (anisi).

জীহা jira or (South-East Tirhut) জীহ jir, cummin (cuminum cyminum).

ज वाइन jewāin,—see जवाइन jawāin.

टिंदा tharhiya,—see मौर्सा marsa.

ভिडिया मिरचाइ diriya mirchai, हेंदिया मिरचाइ dheñriy mir-chāi,—see मिरिच mirich.

त्तरकारी tarkari,—see तीयन tiyan.

सरको का tarkonka (Tatna), the bud of the red lotus, used for medicine.

तीयन tiyan, तरकारी tarkārs, or पतौरा pataura, the general term for vegetables.

धनियाँ dhaniyan, coriander (coriandrum sativum).

नेवार newar,—see मूली  $m\bar{u}/\imath$ .

पतीश pataura,—see तीयन tiyan.

पर्वर parwar, पत्तवल palwal, परोर paror, परोरा parora, or (in South Bhagalpur) परोल parol (trichosanthes dioica), (Roxb).

पकाँकी palānkī,—see पालक pālak.

पालक pālak, पालकी pālaki or (East Tirhut and Champāran) पलाँकी palānki, spinach (spinacea oleracea).

पितरसेकी pitcrie'i or (Tirhut) चितरसेती chitarseli, parsley (petroselinum sativum or ? apium involucratum).—Cf. अन्नोहा ajmoda.

पियाच piyāj or (South Bhagalpur) पेयाच peyāj, and north-west कमच पत्र kamal patr, the onion (allium cepa).

प्रदेना pudena,—see पोहीना podina.

पोहोना podina, पोहेना podena, पूरेना pudena, nlso (Tirhut) फुरेना phudena, mint (mentha sativa or viridis).

फुदेना phudena,-see पोदीना podina.

पुलकोनी phulkobi, the cauliflower (brassica olereacea).

बकला bakla, बक्कलो bakuli, बंगला bangla,—see बोकला bokla.

बनजेवाइन banjewāin, —see अनमोदा aimoda.

बन्भटका banbhutka,—see मकीय makoë.

विश्वाइ birwāi (Gaya), vegetable seedlings.

विलायती पट आ bilāëti patua, roselle (hibiscus sabdariffa).

विकासतो वैंगन bilāëti baing an, the tomato (solanum lycopersicum).

वंगन baingan, भारत 3hanta (usually confined to the round variety) or गोत्तभारत golbhanta, and in South Munger also गेंबहारा gelhanta and चंगन chengwa baingan. In East Tirhut it is optionally भांदा bhānta; the egg-plant (volanum melongena). Compare the proverb काइ के भारत चेशे काइ के भारत प्रस्तिक kahu ke bhanta bairi, kahu ke bhanta panth,—to some the egg-plant is an enemy, to others it is prescribed as a regimen; i.e., what is one man's meat is another's poison.

बोकला bokla or बँगला bangla (north-west), बकला bakla (Champaran), बक्कली bakuli (South-West Tirbut), बोकला बीन bokla bīn (South-East Tirbut) (?), a kind of bean (? faba major).

भटकूचाँ bhatkūān, भटकीँचा bhatkoña,—see मकौय makoe. भएटा bhanta,—see बैँगन baingan.

भिक्षी bhindi or राम तरोइ ram taroï, also to the east राम परोर ram paror, a long kind of fruit used for cooking (hibiscus esculentus or abelmoschus esculentus.)

सटका bhutka,—see मकीय makoe.

भूप सेम bhūp sem,—see केवाँक kewañchh.

मकोय makee (west and Tirhut), खुचवरो khusbari (gooseberry or (purple variety) भटकौं आ bhatkoña or भटकुआँ bhat kuan the cape gooseberry, or tiparee (physalis Leruviana). The red variety is also भूटका bhutka or बनभूदका ban bhutka in South-East Tirhut,

मरिचा maricha,—see मिरिच mirich.

मारसा mārsa or ठिएया (harhiya (west), amaranthus mangostanus. मिरचा mircha, मिरचाइ mirchār,—see मिरिच mirich.

मिरिच mirich or (West Tirhut, Shahabad, and Gaya) मरिचा maricha and मिरचाइ mirchāi, (Patna) मिरचा mircha, (South Munger) ভिड़िया मिरचाइ diriya mirchāi, (Gaya) हैं रिया मिरचाइ dheñriya mirchāi, long pepper, &c. (capsicum fastigiatum, &c.) गोच मिरिच gol mirich or गूजमिरिच gul mirich is black pepper (piper nigrum). Bird's eye pepper (capsicum baccatum) is जौशिया मिरिचा longiya maricha or जैया मिरचा jaiya mircha.

सुनगा munga,—see सेंचन saiyan.

मूर्ड muraï मूराइ muraï, मूखी mulli, मूर mūr, मूरी mūro,—see मूजी muli.

म् लो mūli, मृ ली mulli, or मुद्दे muraï or (East Tirhut optionally)
मूद mūr, (South Munger) मूदाइ murāï, (South Bhagalpur)
मूदो mūro, the radish (raphanus sativus). In Shahabad
there are two kinds—(1) नेवार, newār, which is large, and

(2) লুনিয়া lutiya or ইনিনা desila, which is small. মিখী methi or মাখা menthi, fenugreek (trigonella fanum Gracum). মেম্বাৰ্ ramcharna,—see মেহিনী imriti.

रसून rasūn, रसा न rassun,—see सम्हन lahsun.

रहरिया सेम rahariya sem or दाम रहर rām rahar, a kind of bean not a climbing-plant, but a shrub.

राम तरोइ rām taroï, राम परोर rām paror,—see भिष्डि bhindi.

जहबन lahsun, or to the east रखन rassun or रसान rassun, garlic (allium sativum). A clove of garlic is पोटी poti or पीठ pot.

सूतिया lutiya,—see मुसी mūli.

भौगिया मिर्च longiya mirich,—see मिरिच mirich.

चपगोंस saphgol, or in South-West Shahabad असपगोल asaphgol (phantago reabghola).

चलाम salgam and also (south of the Ganges) चलजम saljam, the turn p (trassica rapa).

सह जन sahjan, &c., – see सैयन saiyan.

चि वाड़ा singhara, the water-caltrop (trapa bispinosa or natans).

मीम sīm,—see सेम sem.

सेम sem (west), सीम sīm (east), a bean (phaseolus magnus). A variety is सेमा sema.

संग्रन saiyan, or (Tirhut) सोहिजन sohijan or सोहजन sohjan or सहजन sahian, or (Shahabad) संहिजन sahijan or (Patna) सहजन sahijana, the horse-radish tree (hyperanthera moringa). Its fruit is called सूनगा munga, and is used as a vegetable, and its root (which tastes like horse-radish) is used as a condiment.

सीं फ saumph, ? a kind of aniseed (peucednnum graveolens or anethum sowa).

हाही hardi, or in Shahabad optionally हलदो haldi, turmeric (curcuma longa).

इबदी haldi,—see हादी hardi.

#### SUBDIVISION II.

# INSECTS AND CAUSES OF INJURY TO CROPS.

# CHAPTER I.—DESTRUCTIVE INSECTS AND DISEASES.

- 1074. Among these may be noted the following, which are arranged in alphabetical order:—
  - चेतारा angra (north-west), भा का jharka (Saran and Tirhut), blight in cereals caused by the sharp west wind; also (Champaran) a blight in opium. See सरका murka.
  - खरैया araiya,—see पोद्यारी poari.
  - 3437 uktha (south), a sort of mildew which dries up the grain in wheat.
  - उक्ता ukrha, उत्तरा ukhra, उक्ता uksa,—see उत्तर (ukhtha.
  - ভৰতা ukhtha or ভকাে ukrha (north generally), ভৰতা ukhra (Tirhut), ভকৰা uksa (north-west,, witherning of crops from excessive drought.
  - जोरङ्ग aurang (Champaran),—see गावत् gaptu; also (north-west) or (in Tirhut) वसनी babhni, a white spot appearing in the

leaf of millets, causing them to wither up.

क्योद्धा kachoha (South Bhagalpur), a disease in tobacco.

कन्रा kajra,—see कन्री kajri.

कारो kajri (generally), कारा kajra (West Tirhut, Fatna, and Gaya), काला kajla (North-West Tirhut), मनरी majri (East Tirhut), a green grub which eats the young plants of rice, wheat, and barley when they are about six inches high.

कजला kajla,—see कजरौ kajri.

कट्ड katui, an aquatic beetle which infests rice.

कडें या kataiya (South-West Shahabad), कडोई katci, कडोइया kutoiya (elsewhere south of the Ganges), a blight which attacks rice and turns the ears an orange colour and destroys them.

कटोइया katoiya, कटोइ katoi,—see कटेया kataiya.

कतरी katri (South-West Shahabad), a disease of the rice-plant. कनाठा kanātha, कन्ही kanhi,—see क्यारी chhīri.

कपटा kapta (Champaran), an insect which attacks young rice. कम्या kamua,—see कम्मा kamma.

कम्मा kamma or कमुत्रा kamua (Patna) a smooth kind of caterpillar.

किरौना kirauna,—see गाँघी gāndhi.

कीरो kiri or (South Bhagalpur) कोरो kiro, a maggot.

মুন্থা kukurhi (Sāran and Tirhut), an insect which attacks cotton.
মুন্থা kukuhi (north-west), an insect which injures the coldweather crops.

कुसवटना kuswatna (north-west), क्रुसियाना kusiyāna (Tirhut), a blight in transplanted rice.

कूसियाना kusiyāna — see कूसवतना kuswatna.

केंडमां keñuan,—sce खरका larka.

कोइशा koiya, a tiny black insect which does great damage in granaries.

कोईसी koili, कोढि.या korhiya, केसिया kailiya, blights of various kinds in rice.

कोदिया korhiya, कैलिया kailiya,—see कोइली koili.

खंखड़ो khankhri, a blight in cereals on account of which no grain is produced in the ear.

- खणड्रोइया khaproiya (Champāran), गड्रा garra (Gaya, Sāran, and Tirhut), a small white insect which attacks rice.
- खरका kharuka,—see जाला jala.
- स्वा khaira (west), खेरी khairi (North-East Tirhut) a blight which attacks rice and turns the ears an orange colour and destroys them.
- गड्रा garra,—see खपरोद्या khaproïya.
- गड़ार garār (north), a grub which attacks the roots of sugar-cane.
- गहही gadhi (north) or (Sāran and East Tirbut) गहिंचा gadahiya, an insect very destructive to growing pulses.
- गन्ध की gandhki (Patna and (Sāran), a small green fly, which attacks rice.
- गन्धी gandhi,—see गाँधी gandhi.
- गपत् gaptu or गपत् वा gaptua (Patna and north), गभत् gabhtu, डॉडियारी thonthiyāri (Shahabad), गपस् gapsu (Sāran), and चौरङ्ग aurang (Champāran), a disease affecting millets, sugar-cane, and Indian corn, in which the tops wither.
- गभत् gabhtu,—see गपत् gaptu.
- माइ<sub>ब्</sub>र gādur (South-West Shahabad), an insect which attacks pease and gram.
- गाँची gāndhi or गन्धी gandhi, also to the west गाँचवा gandhwa.
  Other names are माँकी manchhi (north generally), किरीन।
  kirauna (South-West Shahabad), and मेमरा bhemra (South
  Munger), the flying-bug,—an evil-smelling insect, which
  attacks principally the millets before the flowers are
  formed.
- ম ব্যা gerua (west), the grub which attacks the roots of sugarcane.
- ग तर्डे geruī (north and south-west), a disease of the cereal crops, in which the plant dries up and assumes a reddish colour while the ear is black. It is caused by excess of winter rains and east wind.
- जीवरीरा gobraura (West Tirhut and west), blight in betel.

- নামী gobhi, a disease produced by prevalence of severe winds, and consisting in the plant giving out little shcots, which weaken it.
- and Gaya), an aquatic beetle which destroys rice by floating from one plant to another in a boat made of a leaf.
- चँघरी ghanghri (Shahabad),—see घाँघडी ghanghri.
- भून ghūn, a weevil destructive to wood and grain.
- ঘাঁঘা ghonghri or (Shahabad) ঘ'ঘা ghanghri, a worm in the ear of millets and gram.
- चतरा chatra,—see मूत्रार muār.
- चपटना chapatwa (South-West Shahabad), a small green fly which attacks rice.
- क्ष्पटा chhapta (north-west), पचनडा pachkatta or (Tirhut) पतन्तर हा patkatta, a green caterpillar which eats up the rice-plant.
- हीरा chhira,—see होरी chhiri
- होरो chhīri (south and west), इन्हें chhenri north-west and Tirbut), also क्रीरा chhira in Champāran. Other names are अन्हों kanhi (South Munger) and अनाउ। kanātha (South Bhagalpur), the palmer (?) worm, which attacks pulses, cotton, and tobacco.
- क्रेंड़ो chhenri,—see क्रीरी chhiri.
- সালা jāla (Tirhut, Patna, and east), মন্তান pakkhan (West Tirhut and Gaya), ভাৰতা kharuka (South-West Shahabad), মুৰো murka (west and West Tirhut), a blight in opium.
- भारका jharka,—see न्याँगरा angra.
- (সিল্লা jhilli (north-west), দুলমত্না phulbhanga (Tirhut), an insect which eats the stalks of pulses and makes the leaves crumple up.
- হাড়া tāra or হাড়া tānra (west), a small green insect which ravages wheat and eats the roots of sugar-cane.
- zाड़ा tāra (north-west), टाँड़ी tānri (North-West Tirhut), a grub which eats the young plants of wheat and barley when they are about six inches high.
- टोड़ी tiri or (South-West Shahabad) दिर्शी tirri, and फरिङ्गा pharinga (Tirhut and east), the locust.

इनकी tunki (north), a disease which attacks rice.

टौंडियारी thonthiyari,—see गणतू gaptu.

तितिकी titili, a butterfly.

বিষয়ত telchat (Patna and east), মহাই patoi (West Tirhut, Gaya, and South Munger), a disease of the castor-oil plant.

dakhināha, (north and south-west), also देखनादा dakhināha (Gaya and south-west); also नीमा nēma (North Tirhut), चिरोरा sirora (Patna), and पीरो piro (South Bhagalpur), a disease of rice, millets, and sugar-cane caused by a noxious wind from the south. A white spot appears on the leaf of millets, and they wither. In sugar-cane the tops wither.

रिष्या dahiya (north), a disease in चीना china (Panicum frumentosum).

दियाँका dianka, दिखाँका diunka, दियाँका iyānia, दियार, diyār दिवार diwār,—see दौर्यां diyān.

होयाँ dīyān or दियाँ इर diyānra (Patna, Gaya, and south-east) दिखें का diunku (South-West Shahabad), दिखें का dianka or दिखका diaka (west generally), दियार diyār (Champāran and Tirhut), and दिवार diwār East Tirhut), the white ant.

नीमा nīma -- see दखिन्हा dakhinha.

नेदा nerha,—see चेंद्रा lenhra

पन्खन pakkhan,—see जाता jāla.

पक्खी pakkhi or परिवा pakhiya, a small insect which attacks the singhāra plant or water-caltrop (trapa natans or bispinosa).

पचकर्टा pachkatta, पतकर्टा potkatta,—see क्पट्टा chhapta.

पटाढ़ी patarhi,—see पेटाढ़ी petarhi.

पटोइ patoi,—see ते जचट telchat.

fuzis pitoi (Patna and South Munger), a small green insect, which ravages wheat and eats the roots of sugar-cane.

—zist tanra, q.v.

বিল pillu or বিল হো pilua, a small white maggot, which attacks cotton, safflower, and grain, whether growing or stored.

पिहिका pihika,—see स खड़ा sukhra.

पौरो piro,—see दखनदा dakhinha.

पंटाढ़ी petārhi or पटाढ़ो patārhi (Tirhut), an insect which attacks stored rice only.

पैटारही patārhi (Shahabad), a red-coloured insect which attacks cotton, gram, and the castor-oil plant.

पैया parya, a worm in the ear of grain.

पोचारी poāri (east) or छारैया araiya (South Munger), a disease of the rice-plant.

पौद्धी paunchhi (Patna and South Munger), a branch springing from the soot of sugar-cane and injuring it.

भटचा phatha (South Bhagalpur), भट्टा phatta (South Munger) a disease of the rice-plant.

पार्टा phatta,—see पाटहा phatha.

water phatingi, a kind of grasshopper which eats the leaves of sugar-cane.

भनगो phangi (west), a kind of grasshopper which appears in years of drought and attacks roots of wheat and gram.

पानिसा phaniga,—see सहरका surka.

परिका pharinga,—see टीसी tīri.

पाटी phāti, a blight in the ear of rice.

utie, phānra (Tirhut) or utie î phānri (Tirhut), a weevil destructive of wood and grain.

पुजभङ्गा phulbhanga,—see निश्च jhilli.

बक्ता bakula,—see बक्ती bakki.

षक्षी bakuli (south-west), a green caterpillar destructive to rice.

Cf. कजरी knjri.

बदेया bakeya,—see बक्ती bakki.

बका bakki, also बनेया bakeya or बन्नला bakula (also in West Tirhut) in Shahabad, and बुद्धि burhiya or बड्डी barhi in South Bhagalpur, a small kind of caterpillar which attacks rice. A larger kind is बाँका banko.

बड ही barhi --- see बक्की bākki.

ৰমনী bubhni (Tirhut), a blight affecting rice, sugar-cane, millets, and opium. See also ভালে aurang and মুৰো murka.

बलुमा balua बलुई balui,—see बाल balu.

बाँका bānka,—see बक्ती bakki.

बौंकी bānki (Gaya), a disease which attacks the leaves of tree (especially the pepper-tree), and causes them to curl up and wither.

बाला bāla,—see बालू bālu.

बाल balu or बलुका balua (Patna, Gaya, and south-east), बलुई baluī (Shahabad), बाला bāla (South-West Shahabad), an insect which eats the stalks of pulses and makes the leave crumple up.

बोम्नल bijhal (Gaya and South Munger), weevil-eaten.

बुद्धा burhiya,—see बक्की bakki.

भड bhankh, -- see भांख bhankh.

भरका bharka (West Tirbut and south-east), an insect injurious to rice, caused by prevalence of south winds and excess of rain.

भंतरा bhañwra,—see भेंडा bhenra.

भरकी bharki-(South Bhagalpur), disease of the rice-plant.

- भांख bhānkh (north) and also भांखी bhānkhi (north), भड़ bhankhā (east), a blight which attacks the millet खाँवां sānwān (panicum frumentaceum).
- भुदता bhuila, भुदतो bhuili, भुदरी bhurri, भुदती bhurli, भुदिता bhurila, भुदिता bhurili,—see भुष्मा bhua.
- भूषा bhūa (Tirhut, Patna, Gaya, and east), भृद्दवा bhuïla or भृदवी bhuïli (West Tirhut and north-west), also भृदवी bhurli (Sāran), भृदिवा bhurila, भृदिवी bhurili, or भृद्द्वी bhurri (south-west), a hairy worm which eats the leaves of the castor-oil plant and pulses, and is fatal to cattle when eaten.
- भेड़ा bhenra or भेड़िया bhenrwa (Patna and east), भेड़ा bhanwra (West Tirhut and Shahabad), an insect which attacks millets and stored grain in dry weather.

मेमरा bhemra,—see गांघी gandhi..

HATT mangra (South-West Shahabad), an insect which attacks the sugar-cane in the root.

मजरी majri,—see कजरी kajri.

मरिश्वता marhinna, मरी mari,— see मुखार muar.

मां को mānchhi,—see गाँघी gandhi.

मारा mara (North-East Tirhut), a disease in rice which withers the plants.

मुखार muār (west), चतरा chatra (Patna and Gaya), मरिश्वा marhinna (Tirhut and East), मरो mari (West Tirhut and South Bhagalpur), a disease in which the whole plant is burnt up.

मरका murka (north), also चाँगरा angra (Champaran), and वसनी babhni (Tirhut), a blight in opium. See चाला jala.

मुरिया muriya,—see सुखड़ा sukhra.

सक्सिनिया lachhminiya (East Tirhut), a small, thin, red-coloured beetle found in granaries. It does no harm, and is reverenced by grain-merchants.

বাৰা larka or (Gaya) ব্ৰা lurka, a worm which attacks gram and pease. North of the Ganges it also burrows into the ribs of the leaf of the tobacco-plant, and is then called ক্ৰো kehuan in Tirhut.

बाही lāhi, plant-lice.

जेंड्रा lenrha (west and West Tirhut), नेष्रा nerha (Tirhut), a disease in wheat or barley in which the ears turn black.

सद्का sarka, a worm in the root of rice.

सिरका siruka,—see सुरका surka.

सिरोरा sirora,—see दखनहा dakhinha.

स्खार sukhtha,—see सुखड़ा sukhra.

स्थाड़ा sukhra (West Tirhut and south generally), सुखा sukhtha (West Tirhut and west), पिहिना pihika (rest of Shahabad), शुरिया muriya (South Bhagalpur), a blight in sugar-cane.

सन्दर्भ sundri (east), an insect which eats the leaves of the castor-oil plant.

सङ्घ sunda,—see बँड़ा sūnra.

श्चार surka (East Tirhut and Shahabad), विश्वका siruka (Sāran and Patna), प्रतिमा planiga (Tirhut and South-West Shahabad), an insect which eats the leaves of sugar-cane and destroys gram, pease, and cereals.

स्डा sānra or सं्डी sānri (Tirhut and south generally), सूढ़ sānrh or सं्डा sānrha (Caya), सुद्धा sunda (West Tirhut and south-east) a kind of weevil destructive to wood and stored grain. Cf. कोरी kīri.

सँ द sūnrh,—see सूँड़ा sūn a.

- ष्ट्या hadda a white stem growing out of the root of the tobacco-plant, and throwing it far out of the soil.
- हिंचिया hathiya (North-East Tirhut and Gaya) and हिंचिया सुब्हा hathiya sunda (south-east), a small white insect which damages rice.
- the grain in cereal crops The plant turns yellow, and the ear black.

#### CHAPTER II.—NOXIOUS WEEDS.

# 1075. These are as follows :-

मुंकरा ankta.—see मुंकरा ankra.

সুক্ৰা ankra or সুক্ৰী ankri (West Tirhut and Shahabad), সুক্ৰা ankta (Tirhut and elsewhere south) (vecia sativa), it appears in wheat.

अशिया agiya (north and east), a weed which burns the rice plant (from आत āg, fire)

उखड़ा ukhra,—see इडडा hadda.

उरकुस्सी urkussi,—see विक्रीतिया bichhautiya.

ककना kakna (Patna, Gaya, and south-east), बनधारी bansari (Shahabad and East Tirhut), a weed which chokes crops.

कठरँगनी kathrengni,—see र गनी rengni.

कनवाँ kanwān, कहा kanna,—see काना kāna.

कमसन kansan,—see कॉसी kānsi.

- काना kāna (Tirhut, Patna and east), कन्ना kanna (north-east Tirhut), कनवा kānwān (Gaya), क्षेत्रा kena (West Tirhut and west), a weed which chokes rice (a species of Coix).
- কাৰী kānsi (West Tirhut, Patna, Gaya, and the south-east), কাৰ kas (Shahabad and North Bihār), ক্ৰমৰ kansan (Sāran), (saccharum spontaneum), a most destrictive grass.

केना kena,—see काना kāna.

कोइस को koïl kho,—see गारखल gorkhul.

खड़ का kharūka,—see खर्युत्रा kharthūa.

ख्राष्ट्रमा kharthua (Patna and Gaya), वयुका bathua (generally) खड का kraruka (North-East Tirhut and Shahabad), मोचडी mochatti (ditto), a weed in opium.

खरका khurka or मक्की machhaiti (north), also चआरी ruāri (Sāran), a weed in opium. Cf. चआरा ruāra.

गङ्हर garhar,—see गाँड्र gānrar.

गढ़रो garhro, -- see गेंड्ड रखा gerharua.

गड़ार garār,—see गाँडर gānrar.

মাভ্য gānrar (West Tirbut and Patna), মভ্যে garār (Tirbut and east), অমায় মভ্যে jamār garār (South Munger), মভ্যু garhar (South-West Shahabad), a weed which injures rice (various species of Corr).

गङ्हरजा gerharua (north-west), गढ़रो garhro (North Tirbut), a weed in cereal crops.

गोखुला gokhula,—see गोरखल gorkhul.

गोरखल gorkhul (west), बाँसी bansi (generally), गोखला gokhulu (West Tirhut, Patna, Gaya, and South Munger), नोइल खो koël kho, a plant which injures rice (tribulus terrestris).

चपड़ा chapra,—see धुरपा dhurpa.

विचहोर chichhor, चिचोर chichor, चिचोरी chichori,—see लेंड्ड

चौपट्टा ch supatta,—see पिपरा pipra.

जॅगला jangla, -- sce भिरुषा ihirua.

जमार गड़ार jamār garār,—see गाँड्र gānrar.

जम्हार jamhār, जाम्हर jāmhar (Patna and South Munger), जिन्हार jinhār (South-West Shahabad), and जम्हरो damharo (South Bhagalpur), a coarse hard grass, infesting poor soils (varieties of andropogon.)

जाम्हर jāmhar,—see जम्हार jomhār.

चिनवाँ jinwān, a grass something like चूम dūbh, q. v.

जिन्हार jinhār,—see जम्हार jamhar.

भार jhar, भारता jharnga, भार jhar,—भारज jharang.

भारक jhārang (north-west), भारता jharnga (Shahabad), भार jhār or भार jhar (Tirhut and east), a weed which injures rice.

নিৰ্মা jhirua (Patna, Gaya, South Munger, and North Bihār), নিৰ্মীয়া jhiraua (South Munger), নিৰ্মা jhiru: (South Bhagalpur), ভাঁমৰা jangla (South-West Shahabad), নাথ jhiro (East Tirhut), a weed which chokes rice.

भौगे jhiro —see भित्या ihirua.

ठोकरा thokra,—see बिक्कीतिया bichhautiya.

स्वा damharo,— see का द्वार jamhār.

डर dar, हेथोरा deyora,—see मौंचा montha.

ভামী dābhi (north) a coarse grass, injurious to crops (xyris indica)

तितिको titili,—see पिपरा pipra.

द्रधिया dudhiya,—see इष्डा hadda.

इस dūbh or दव dūb (north and east), also दुल्मी dubbhi (south) a grass which overspreads fallow fields (cynodon ductylon).

(South Bhagalpur), Tust chapta (Shahabad), a tough, coarse grass spreading over uncultivated lands, which are inundated yearly (cynodon dactylon). It is only removed by digging.

नक किकनी nakchhikni,—see रेंगनी rengni.

पिपरा pipra (Sāran, Patna, and east), पूपरा pupra (South Bhagalpur,, चौपटा chaupatta (South-West Shababad), तितिसी titile (generally), a weed in wheat.

पपरा pupra,—see पिपरा pipra.

बङ्गोडुमा bargohuma (south and east), a weed in wheat. बयञा bathua,—see खर्यका khārthāa.

बनिषयज्ञुका banpiyajua, बनिषयाज banpiyaj, and बनरसना banrasna,—see राजारा ruara.

बनसारी bansari,—see कक्ता kakna

वर्षां basānrhi,—see वर्षोता basaunta

बमौता basaunta (West Tirhut and north-west), बमौदी basānrhi (Tirhut), a wood which injures the spring crops (acalypha indica?) बाँसी bānsi,—see गोरखुल gorkhul.

- विश्वीतया bickhautiya or विश्वतिया bickhwatiya is a parasitic plant which injures the poppy. It is also called भरभाइ bharbhānr in South-West Shahabad, टोक्सा thokra in the rest of that district and north of the Ganges, and उरक्रसी urkussi in South-East Bihar.
- भंगर। bhangra (West Tirbut, Patna, Gaya, and South Munger), भंगरेया bhangraiya (Tirbut and east), भंगरिया bhangariya (North Bihar and Shahabad), भंगरिया bhangariya (Tirbut) (verbesina prostrata), a small creeping-weed with a white flower which injures rice.

भँगरिया bhangariya,—see भँगरा bhangra.

भरभाँड bharbhanr,—see विद्योतिया bichhautiya.

भेंगरिया bhengariya,—see भँगरा bhangra.

water makera (north and east), a rough coarse grass spreading over uncultivated lands which are inundated yearly. It is only removed by digging (cynosurus).

महेती machhaiti,—see ख्रका khurka.

मंड्र mañrer (Patna, Gaya, and east), मड़र marar (South Bhagalpur), मरेन maren (Shahabad), a weed which chokes rice.

मोचडी mochatti,—see खरण्या kharthāa.

मोचा montha, also हर dar and मोना mauna (also in West Tirhut) in the south-east, and हेथोरा deyora in South Munger. A coarse grass which grows in uncultivated land and injures the autumn crops (cyperus rotundus).

rāri (north), a coarse hard grass infesting poor soils.

रजारा ruara (Patna), बन्धना banrasna (Gaya and South Munger), बनिपयाज banpiyāj or बनिपयज्ञा banpiyajua (Tirhut and Shahabad), a weed which grows in opium Cf. खुरका khurka.

बचारी ruari, -- see ख्रका khurka. Cf. वचारा ruara.

रॅंगनी rengni, the Mexican poppy (argemone mexicana), a thistlelike plant, which overspreads fallow fields. It is also called नकडिकनी nakchhikni or (to the east) कटरानी kathrengni. It was introduced into India in a cargo from Mexico within the last hundred years, and is now very common.

- लेंड्ड्रे leñrai (north-west), चिचोर chichor (north and Gaya), चिचोरी chichori (Tirhut), चिचहोर chichor (east), चिचोरो chichoro (South Bhagalpur and Tirhut), a weed which chokes rice.
- ষ্ট্ৰা hadda or ভাৰুৱা ukhra (West Tirhut and south), or (West Tirhut and Gaya) হুঘিষা dudhiya, a small creeping-plant injurious to crops (euphorbia hirta). Cf. also § 1183 for other names.

## CHAPTER III.-MISCELLANEOUS.

- 1076. A stunted crop is बैटन हासिन bait hal hāsil north of the Ganges. In Shahabad and West Tirhut it is सितुरियाएन situriyāël or ततुरियाएन taturiyāël, or in Sāran, सुत्रियाएन sutariyāël. In Gaya it is टिंग्रियाएन thinguriyāël, in Patna मेंटनींन bhentwāns, in West Tirhut and South Munger टरियाएन thuriyāël, and in South Bhagalpur विर्नियाएन birniyāël. A blighted ear is मराएन marāël north of the Ganges. In Shahabad it is अनदा abdu or द्यादार dagdār, in Patna and Gaya नोइन koël, and in the south-east मरा mara. पेया paiya in Gaya and the west, and भार bhor to the north-east, is rice in which the ears have no seed. Blighted millets are called मिख्याएन bhakhiyāël in the northwest, and भेष चट्डा bhankh chatua in Tirhut. In Shahabad they are खुद्धा khukkha or खुनिड़ा khojra, in Gaya अनगल algal, and in Patna फुन्य phulhar.
- 1077. Crops withered from drought are to the west and in West Tirhut सुद्धार muār; in Gaya they are मोद्धार moār, and in Patna मुखल mual. To the east and in Tirhut they are मरहेना marhena or मरहिमा marhinna, and in South Bhagalpur also मरा mara. An irretrievably spoilt crop is निगरल हास्लि bigral hāsil north of the Ganges. In Shahabad it is नॉकटा bānkta, and in Patna चुच्चिया chuchuhiya. Scarcity of rain is सुद्धार sukhar.
- 1078. Failure of seed is विज्ञार bijmār in Gaya and the west. In South Munger it is बीया मार biya mār. North of the Ganges it is also निर्विच्न nirbiji, निर्वोच nirbij, or अविच्न abijj. Other names are वंस्तीरा banjhaura (South-West Shahabad), वंस्तीरा banjhaura in Patna, and देखाएव daihāëb in South Bhagalpur. In North-Fast Tirhut there is also कीर जाएव kaur jāëb, and in East Tirhut माइड जाएव bhakhar jāëb.

- 1079. Crops trodden down by cattle are धँगाउ (also spelt घडाउ) dhangāth north of the Ganges, local variants being दँगाउ dangāth in South-East Tirhut धँगाएस dhangātl in Sáran, and धँगेड़ dhanger in West Tirhut and Champaran. In South-West Shahabad they are सम्नाएस lahnāël, in Gaya and South Munger खुरख्न khurkhūn, and in South Bhagalpur देशिय khīnch. In East Tirhut they are also called निधेस nighes.
- 1080. Crops laid by the wind are called त्रिर्ल giral or खुनल khasal A hot dry wind which burns up crops is to the west called with jhola, and such crops are known as क्लोबाइब jholāil or क्लोंकरब jhonkral. the east it is tite dhārha or tite dhārhi. A frosty wind which frost-bites the crops is ঘালা pāla or (to the east) ঘলা palla. The same words are used for frost-bite itself, and a frost-bitten crop is प्लमद्या palmarua. An inundation is दश्चार dahār or बाट bārh, also बाहि bārhi (North-East Tirhut), धाध dhādh (Gaya), आफत āphat (Patna) and alet boha or GIT khar in the south-east. Morning fogs are जुहा kūha, of which optional local variants are कुहैस kuhes or कुहैसा kuhesa to the west and कूहस्सा kuhassa in South Bhagalpur. क्रिकेस kuhes is also current in North East Tirhut, and in South-East Tirhut we find क्रम्हेंस kumhes. A fog in the day-time is भून dhun or भूँध dhundh. Hail-stones are पत्थल patthal, पत्थर patthar, पात्थर pāthar, or वनीरी banauri, a local variant of the last being वंगीरी bangauri or वंगौरिया bangauriya in West Tirhut, Patna, and the east.

#### DIVISION VI.

# AGRICULTURAL TIMES AND SEASONS.

1081. The\* Bihar agriculturist follows the Hindu year in calculating his seasons. The year is divided into twelve lunar months (मास mās, माँच māñs, माँचना mahina,महिना mahina, or महोना mahina) of 30 days each, and therefore consists of 360 days. Each month is further divided into a first or dark half [किसन पख (or पक्क) kisun pakh (or pachchh)] (commencing with the first day of the wane of the moon), and a second or light half (सक्त पख sukl pakh). Roughly speaking, a Hindu month commences at about the 15th of an English month; but as there are thus only 360 days in a year, they begin each year somewhat earlier in the solar year than the year before, till the calendar is brought nearly right every third year by the insertion of an intercalary month (मजमास malmas) of 30 days every third year.

1082. Besides the above, another important division of the year must be noticed,—that into lunar asterisms (नखत nakhat, नक्षत्र. nachhattar, or निक्रतर nichhattar). There are 27 of these in each year. and consequently 21 in each month. Each asterism is not of equal length. The longest is इधिया hathiya, which is 16 lunar days. others range from about 13 lunar days in the dry months to 15 lunar days in the wet. Every agricultural operation commences in a certain asterism, and so it is necessary to know when they occur. The reason of the important position that they take in the agricultural year is that the Fasli year, current in Bihar, is luni-solar, and that the positions of the various months in relation to the sun's course varies from year to The sun moves along the ecliptic, completing the circuit in a year. The Signs of the Zodiac, corresponding to our solar months, are divisions of the ecliptic, in each of which the sun stays, while progressing on his journey, for a month. As agricultural operations necessarily depend upon the solar year, in countries, such as Bengal, where a solar year is current, solar dates are suitable for fixing their commencement and completion. But when it is a luni-solar year that is current, the months, owing to their fluctuating position, cannot be taken as a guide for agriculture. Some other method of dating according to the sun's course must, therefore, be adopted.

<sup>\*</sup> Part of the following will be found in Carnegy's Kachahri Technicalities s. v. nakhat.

The moon also journeys amid the fixed stars along the ecliptic, completing its circuit in about the thirty lunar days. Its course, is, like that of the sun, marked out by divisions of the ecliptic, -called, in the case of the moon lunar asterisms. In short, the ecliptic may be compared to a road furnished with two sets of mile-stones, -one set indicating the distance in statute miles and the other in Kilometres. The spaces marked by statute mile-stones represent the signs of the zodiac. and those marked by kilometre-stones represent the lunar asterisms. the sun, like the moon, travels in the ecliptic, there is nothing to prevent its course being looked upon as divided into these 27 asterisms, as well as into the signs of the zodiac. It is evident that, looked upon as measures of the sun's progress, these asterisms are divisions of the solar, not of the luni-solar, year, and that the respective positions of the sun in each of them are quite well suited for dating agricultural operations. Hence, for these purposes, when a peasant speaks of, say, Hathiya, he means that the sun is passing through the Hathiya asterism. It follows, also, that, when spoken of with this connotation, the tixing of the asterisms is consonant with that of our solar year, though often differing widely from that of the Fasli luni-solar year. The accompanying table shows roughly the relative positions of the English and Hindu months and of the lunar asterisms, but it must be understood that the relative position of the Hindu months greatly fluctuates.

# HINDU MONTHS.

# Hindu

Approximate European Month.		Name.	
Part of September	•••	चासिन Asin or कुचार Kuār	•••
October	•••		
November		कातिक Kātik	•••
December		खाइन Aghan	•••
		पुस <i>Pūs</i>	•••
January	• • •	माघ Māgh	
February	•••	भागुन Phāgun	
March	•••		
		चैत Chait	
May		वेशास Baisākh	
		ਚੇਰ Jeth	•••
June	•••	ग्रखार Akhārā or ग्रहार Asārh	
July	•••		
August		साबन Sāwan or बाझोन Saon	•••
		भाहों Bhadon	•••
Part of September	•••		

# § 1082]

# Months.

	न पख kishun pr कल पख sukl po		Asterisms, of which there are two and a quarter to each Hindu month.
Dark	•••		d of उतरा प्रमुनी Utra Phaguni.
Light	•••		इस Hast or इधिया Hathiya.
D			चितरा Chitra.
Dark	•••	•••	खाती Swāti or सिनाती Siwāti.
Light	•••		विसाखा Bisākha.
Dark	•••		चात्राधा Anurādia.
Light	•••	•••	जेश Jeshtha.
Dark	•••	•••	मूख Mūl.
Light	• • •		प्रवा खाढ, Purba Khārh.
Dark	•••	•••	उत्राखाः, Utra Khārh.
Light	•••	•••	सावन Sāwan.
Dark		• • •	धनिम्र्ठा Dhanishtha.
Light	•••	•,••	सतभीखं Satbhikha. प्राव भद्रपद Pārab Bhadrapad.
Dark	•••	•••	उत्तर भद्रपट् Uttar Bhadrapad.
Light	•••	•••	रवती Reoti.
Dark	•••	•••	अखिनौ Aswani or असनी Asni.
Light	,,,		भरनी Bharni.
Dark	•••		क्रित्तिका Krittika.
Light	•••	• • •	रोहनी Rohni or शेहिनी Rehini.
Dark	•••		मिरगिंदा Mirgsira or निर्मिड Mirgidah.
{   Light	•••	•••	चारहरा Anadra or चाहरा Adra.
			पुनर्वस Punarbas. पुछ Pukh or चिरैया Chiraiya.
Dark	•••	•••	असर्स Asres or अस्वेखा Aslekha
Light	•••	•••	मग्चा Maggha.
Dark	•••	•••	प्रवा फारूनी Purba Phaguni.
Light	•••	•••	i of जतरा पगुनी Utra Phaguni.

- 1083. The year current in Bihar is the Fasli year, which commences with the Hindu month of Asin. The year is also popularly\* divided into three seasons, viz. the hot (NTH) garmi), the wet (NTH) barkha), and the cold (NTH) jara). The hot season commences in UNI Phagun, the wet in UNI Akharh, and the cold in Atlank. The following rhymes, some of which will be found also in Carnegy's Kachahri Technicalities, are current over the greater part of Northern India, and show the various seasons for agricultural operations.
- 1084. Cultivation commences in Jeth, in the asterism of Rohni, when ploughing and sowing begin. The rain of Mirgsira is not good, and hence no sowing is done in that asterism. In Aradra sowing is recommenced and transplanting is done for the winter (aghani) crop. This goes on into Punarbas and Pukh if the rains are late. In Magha and Purba Phaguni the urid, kurthi, and other pulses are sown. In Hathiya rain is very important, both for the winter crops and for the sowing of the spring (rabbi) crops. In former days (say cultivators) the rains used to stop in Swāti, which was very good for the crops but now they end in Hathiya. So valuable is the rain of Swāti that any drop which falls during that asterism into a pearl-oyster becomes a pearl. That is how pearls are made. The rain in Chitra, on the contrary is very bad.

# मग्चा लगावे घग्चा, स्वाती लावस टाटो। कहतारौ हाथी रानी, हमहं खावत बाटी॥

Maggha lagawe ghaggha, siwati lawas tati, Kahtari Hathi rani, ham hun awat bati.

—Maggha brings rain-storms, Swāti brings a screen (i.e., rain stops), and Queen Hathiya tells (by her thunder) that she is coming.

# षागु कराइ चेत चुक किस्तिक नट्ठिश्व तार । खाती नट्ठिश्व माख तिक किश्व गए डाक गोत्रार ॥

Phagu karai, chait chuk, kirttik natthahi tar. Swāti natthuhi mākh til, kahi gae Dāk Goār.

Astrologers and poets count six seasons, but the above is the popular division.

—If it rains in the month of Phagun, urid is spilt; if in the month of Chait, lemons; if in the asterism of Krittika, the toddy palms; and if in that of Swati, beans and sesamum, saith Dak, the Gowala.

ची बरसे बेसक्छा राज । एक धान में दोवर चाज । Jaun barse Barsukk a rāu, Ek dhan men dobar chāw.

-If King Baisakh (April-May) rain, every grain of paddy will produce two of rice.

क्रित्तिका चुर हो ले स्ए। जो रोडिनी नाडि कादो करे। Krittika chüe chhau le müe, Jon Rohini nähin kada kare.

-If it rains in Krittika, there will be no rain for the six following asterisms, provided Rohini makes no mud.

Krittika is the best asterism for sowing china (panicum frumentosum): hence they say in Tirhut—

जब जिन्छः खरचाक होत । क्रिक्तिका में तूं बोद्द्यः चीन।। Jab juncha kharchāk hīn, Krettika men tün bolha chīn.

-If you find your stock of food becoming exhausted, sow china in Krittika.

सिरमित्रा तबय रोष्टिनि सबय खरहरा जाय बहबुराय। कोई डाक सुनु भिक्षरि कुत्ता भात न खाय।। Mirgsira tabay Rohini labay aradra jāy budbudāy Kahai Dāk sunu Bhiltari, kutta bhat na khay.

-If Mirgsira is hot, Rohini rains, and Aradra gives a few drops, saith Dak, hear, O Bhillari, (rice will be so plentiful that) even dogs will turn up their noses at it.

The chuk is a mess of lemons kept for fermentation, and is here applied to the fruit on the tree.

1085. The rain of Aradra (middle of June) is of con-iderable importance to the future crops: thus—

च्यदरा मांच जे कोए चाठी। इख के मार निकाल • लाठी।। Adra māns je boe sāthi, Dukh ke mār nikala lathi.

-If you sow sixty-day rice in Aradra, you strike distress with a club and drive it away.

आहि न बरसे अरहरा इस्त न बरसे निहान। कहिं डाक सुनु भिक्षरि भए किसान पिसान। Adi na barse aradra, hast na barse nidān, Kahahiñ Dāk sunu Bhillari bhae kisān pisan.

—If Aradra does not rain at the commencement, and Hathiya at its end, saith Dak, hear, O Bhillari, the cultivator is curshed.

And-

### चढ़त बरसे अरहरा उतरत बरसे इस्त । कतेक राजा हांड़े, रहें अनन्द गिरहस्त ।।

Charhat barse aradra, utrat barse hast, Katek rāja dānre, rahe anand girhast.

—If it rain when Aradra commences and when Hathia is ending, no matter how much rent may be demanded, the householder is still happy.

अरहरा बरसे सभ किछ् हाँ। एक जवास पतर विन भां॥

Aradra barse sabh kichhu hān, Ek jawās patr bin bhān.

- —If Aradra rains everything grows (lit. if: only one, the jawās (Hedysaram alhagi), loses its leaves.
- 1086. Aradra and Punarbas are the two main asterisms of the month of Akharh (June-July). This is the great month of the year for finishing the preparation of the fields, as the proverb says, जेकर बनल अखर्वा र देवर बारही साथ jekar banal akharwa re tekar bāraho mās,—he whose fields are ready in Akharh, is ready also all the year round. If the rains are late, paddy sowing goes on as late as Punarbas or even Pukh, but this is rarely successful. These last two asterisms are usually devoted to transplanting, and not to sowing.

### पुख पुनरवस बोर धान । माधा असलेखा कादो सान ॥

Pukh punarbas boe dhān, Maggha aslekha kādo sān.

-Sow paddy in Pukh and Punarbas, and in Maggha and Aslekha mix thoroughly the mud (i.e. prepare the fields).

चाहरा धान, पुनर्वस प्रैया। गेल, किसान, जे नोर चिर या।। Aradra dhan, punarbas paiya, Gcl, kisān, je boe chiraiya.

-Paddy sown in Aradra turns to plenty, in Punarbas it has empty ears, and sown in Pukh it turns to nothing.

1087. After Akhārh (June-July) comes Sāwan or Sāon (July-August), to which the following rhymes apply:—

### बाचीन सुकवा सप्तमो इट्टिप के जगहिं भान। ती वाग मेघा बरसे भी वाग देव उठान ।।

Sãon sukla saptami chhapi kai ūgahıñ bhan, Tauñ lagi megha barse jauñ lagi deb uthān.

—If on the morning of the seventh day of the bright half of Sawan the sun rises obscured by clouds, it will rain up to the festival of the Deb Uthan (11th of the light half of Katik, i.e. early in November).

काच्योग सक्तला सप्तमी उग के लूकहिं सूर । हांकी पिया हर बरद वरखा गें क बड़ि दूर ॥

Sãon sukla saptami, ug ke luhahin sur, Hānko piya har barad, barkha gei barı dur.

—If on the same day as that above mentioned the sun rises (clear) and afterwards hides itself behind clouds, drive away, my dear, your plough and bullocks, for the rain is very far off.

बाज्योन सुकता सप्तमी, उद्दे जो देखे भान । तुम जान्यो पिया मालवा इम जैवों मूलतान ॥ Saon sukla saptami, udai joñ dekhe bhān, Tum jāo piya Mālwa, ham jaiboñ Multān.

—A cloudless morning on the same day (is a sure sign of drought).

My dear (let us leave the country). I am going to Multan, and you can go to Malwa.

# सान्धीन सुकला सप्तमौ रेनि चौंचि मसियार। कच्च भड़दर सुनु भड़्दरि परवत उपनय सार॥

Sãon sukla saptami, raint hoñhi masiyar, Kah Bhaddar sunu Bhatdri, parbat upjay sãr.

-If on the same date the night is dark, saith Bhaddar, hear, O Bhaddari, excellent crops will grow even on a mountain.

बाज्येन सुकता सप्तमी, जी गर्ज जाधी रात । तुम जाज्ये पिया मौजना, इस जैनी गुजरात ॥ Sāon sukla saptami, jon garje ādhī rāt, Tum jāo peya Mālaa, ham jaibon Gujrāt.

—If on the same date it thunders at midnight (there will be a drought), you must go to Malwa and I to Gujrat.

कार भे भोंजे कं करी, सिङ्क गरजे जार । कन्छ भड्डर सुतु भड्डरि कूत्ता भात न खार ॥ Karke bkīnjai kankri, singh garjai jāe,

Kah Bhaddar sunu Bhaddari, kutta bhat na khāe.

"If in Cancer (Sawan, July-August) the gravel is wet, and Leo (Bhādon, August-September) passes by with thunder," saith Bhaddar, "hear, O Bhaddari, rice will be so plantiful that even dogs will refuse it."

साजीन पक्षा भारत पुरवा आसिन वह ईसान।
कातिक कन्ता सिकिजी न डीचे कतय के रखनह धान।
Sāon pachhwa Bhādab purwa, Āsin bahe īsān,
Kātik, kanta, sikio na dole katay ke rakhbah dhān?

—If the west wind blow in Sawan, the east in Bhadon, and the northeast in Asin, and if there is so little wind in Katik that even the reeds do not shake, where, my dear, will you have room to keep your rice? (i.e., you will have a bumper crop).

# बाखीन मास वहैं पूरवैया वैचन्न वरद कीनन्न ग्रीया।

Sāon mās bahai purwuiya, benchah barad kinah gaiya.

—If the east wind blow in Sawan, sell your bullocks and buy cows (it will be no use trying to plough).

# साळोनक पक्का दिन दुइ चारि। चुरुष्टीक पाक्षा उपने बारि॥

Sāonak pachhwa din dui chari, Chulhik pachha upje sāri.

-If the west wind blow in Sawan for only two or three days, rice will grow even behind your hearth.

सार्जीन परिचा महि भरे। भारों पुरवा पथल सर्हे॥

Sãon pachhea mahi bhare. Bhādoñ purwa pathal sare,

If the west wind blow in Sawan, the land will be flooded; and if the east wind blow in Bhadon, (it will rain so that) the very stones will melt.

जे न भरे खबरेखा मग्दा। फीर भरे अबरेखा मगदा॥ Je na bhare Asrekha Maggha, Pher bhare Asrekha Maggha.

- —I hat which is not filled up with water in Asres and Maggha has no chance of being filled up till they come again next year.
- 1088. To Bhādon (August-September) the following apply:—South Munger—

पुरवारोपे पूर किश्वान। अधा घघरो आघा घान।

Purwa rope pur kesan, Adha ghaghri anha dhan.

---If a cultivator does not finish transplanting before Purwa (i. c. Purba Phaguni), half his crop will be paddy and half chaff.

# चौं प्रवाप्रवेषा पावी। सखली नहिया नास्त्रो बहावी।

- Jaun purwa purwaiya pāwe, sukhle nadiya nāo bahāwe.
- -If the east wind blows in the asterism of Purwa (i.e., Purba Phaguni), there will be so much rain that ships will float in the dried-up beds of rivers.

Closely connected with this is the following:-

पुरवा पर जौँ पक्का बहै। विश्व सि शाँख वात करे।। राष्ट्र दोनों के देश विश्वार। आ बरसे द्वे करें भतार॥

Purwa par jauñ pachhwa bahai, bihañsi rāñr bāt karai, Eh donoñ ke ihai bichār ū bursai ī karai bhatar.

—If the west wind blows during Purwa, and if a widow chats and smiles, from these facts you may judge that in the first case it will rain, and in the second case she is going to marry a second time.

With this may be compared-

तौसिर पख में चा जड़े, चो विभवा मुस्काए। कहें डाक सतु डाकिनि, ज बरसे दें जाए।

Titir pakh meghā ūre, o bidhwa musukāe, Kahe Dāk sunu Dākini, ū barse ī jāë.

-" When the clouds fly like the wings of the partridge, and when a widow smiles," saith Dak, "hear, O Dakini, the one is going to rain and the other to marry."

सुक करे बहरी सनीचर रहे छाए। ऐसन वीले भड़डरि बिन बरसे निहें जाए।।

Sūk kare badrs sanīchar rahe chhae,

Assan bole Bhaddari bin barse nahiñ jāe.

-A cloud sky on Friday and Saturday is a sure precursor of rain.

साखीन के पुरदा भारी पिक्सा जोर। बरवा वेच सामी, चला देस का खोर॥

Sãon ke purwa, bhādoñ pachhima jor. Bardha bencha sāmi, chala des ka or.

-My husband, let us sell our bullocks and leave the country if there is east wind in Saon and a strong west one in Bhadon.

The following is current in Tirhut:-

कृषी स्थानस चौदी चान। स्थव को रोपव धान किसान।

Kusi amāwas chauthi chān, Ab ki ropba dhān kisān. —After the Kusi Amāwas (the festival of the 15th Bhādon, on which Brāhmans dig kus grass), and the Chauk Chanda (the moon of the 19th of Bhādon, O cultivator? you need not plant out paddy.

जतरा में जिन रोप हु भेया। तीन घान शोर ते रह पैया। Utra men jani ropahu bhaiya, Tin dhān hoe terah paiya.

-Do not transplant in Utra Phaguni, for you will only get three grains to thirteen empty husks.

रातुक कागा दौनुक सियार। कि भारी बाहर कि खपतार॥

Ratuk kaga dinuk siyar, Li jhari badar ki uptar.

—If the crow speak by night, and the jackal by day, there will be either a rain-storm or an inundation.

खीचा वीचा वह बतास। तब होता वस्ता के बास।

Aua baus bahe batās, Tab hola barkha ke ās.

- -When the wind blows from all four quarters, there is hope of rain.
- 1089. To Asin (September-October) the following apply:-

इथिया वर्स तीन होत बा, सकनर, साली मास,। इथिया बरसे तीन जात बा, तील, कोहो, कपास। Hathiya barse tīn hot bā, sakkar, sāli, mās, Hathiya barse tīn jāt bā, tīl kodo, kapās.

-Rain in Hathiya produces three things,—sugar-cane, rice, and pulse; and destroys three things,—sesamum, kodo, and cotton.

With this may be compared-

अहरा गोल तौनि गोल, सन साठी कपास। इथिया गोल सब गोल. आगिल पाछिल चास॥

Adra gel tīni gel, san, sāthi, kapās ;

Hathiya gel sabh gel, āgil pāchhil chās.

—Want of rain in Aradra destroys three crops,—hemp, sixty-day rice, and cotton. But by want of rain in Hathiya every thing is ruined, both what has been sown and what will be sown.

## इधिया वरिसी, चित्रश में ड्राय। घर वेसे धनद्वा शिश्याय (or खागराय)॥ Hathiya barise, chitra meñrrāy, Ghar basse dhanha rirsyāy (or agray).

—If Hathiya rains, and (the clouds of) Chitra hover about, the paddy-cultivator sits at home and utters cries of joy.

चित्रा वरके माटी मारे। जारों भार रोजर के कारे।

Chitra burse māti māre, Āge bhās gerus ke kāre.

-Rain in Chitra destroys the power of the soil and is likely to produce blight.

न्याधा चित्रा राह सुराह। न्याधा चित्रा नौ के राह।

Adha Chittra rai murai, Adha Chitra jau kerai.

In one-half of Chitra sow mustard and radishes, and in the other half barley and pease.

1090. To Kātik (October-November), the following apply:—

एको पानि जो बरखे स्वाती। कुर्मिन पश्चित्रे सोना पाती॥ Eko pāni jon barse Swāti, Kusmin paire sona pāti.

-If a single shower come in Swāti it enriches people so much, that even Kurmi women get golden earrings to wear.

बेह बिहित ना होखें खान। बिना तुला नहि फुटे घान। सुख सुखरातों हैव उठान। तकरें बरहें करह ने मान। तकरें वरहें खेत खरिहान। तकरें बरहें कोठिए धान।।

Bed bidit na hokhe an, bila Tula nahin phutai dhan, Sukh sukhrati deb uthan, takrai barhai karah neman, Takrai barhas khet kharihān, takrai barhai kothie dhān.

<sup>(1)</sup> The name 'Hathiya' means 'Elephant', and the asterism is hence said to have four legs, an iron, a copper, a silver, and a gold. Each leg lasts four days, and they come in the above order. Rain in the iron leg destroys the paddy and the habi crop. In the copper leg, it damages them; in the silver leg, it gives half an average; and in the gold, leg, bumpers crops.

- -What has been written in the Vedas cannot happen otherwise, and paddy cannot ripen before the balance (i.e. Libra = Kātik October-November). From the festival of the Sukhrāti (i.e. the Diwāli) to the Deb Uthān (11th of the light half of Kātik) there will be happiness. On the twelfth day after that hold the festival of eating the new grain; on the twelfth after that, heap up the corn on field and threshing-floor; and on the twelfth after that, put the grain in the store-house.
- 1091. The following are the signs of the stoppage of the rains:

# क्ष्य के उगे तो क्या भये, निरमत रेनि करना। कीये जल ऐखिए वसारा, कामिनि क्राप्य भरना॥

Chhap ke ngai to kya bhaye, nirmal raini karant. Kiye jal dekhiha sagra, kāmini kūp bharant.

—It matters little if the sun rises obscured by clouds, because when the nights are clear (the rains will stop). You will only find water in the sea, and women will have to go to the wells for water.

### रात निवहर, (or रातूक चक्तमक) दिन के छ्या। कडें घाष जे बरस्वा गया।

Rāt nibaddar (or rātuk chakmak), din kefi chhaya, Kahefi Ghāgh je barkha gaya.

-If you see a cloudless night and a cloudy day, be sure, says Ghagh, that the rains are at an end.

बोकी जुखरी, पूर्व कास। जब मार्ची वरखा के जास।। Boli lukhri, phule kas, Ab nahin barkha ke ās.

-The barking of the fox and the flowering of kas grass are signs of the end of the rains.

कारी खाशक्त वन पूर्व काम। खाव नाष्ट्री वरखा के खास।। Uge agast ban phûle kās, Ab nahin barkha ke as.

-The appearance of the star Canopus and the flowering of the kas grass in the forest are signs of the end of the rains.

# काँनौ क्रमी चौठ के चान। स्रव का शेष्व धान किसान॥

Kānsi kūsi chauth ke chān, Ab ka roppa dhān kisān.

—If the kās grass and the kās grass flower on the fourth of the light half of Bhādon, why do you plant out, O cultivator (for the rains are stopped)?

1092. The following refer to the dry season :-

# खारहन दोवर, पूच खौहा। मोच सवाइ, फागुन वस्से घर चू के चाई,

Aghan áobar, Pūs dyaurha,

Māgh sawāi, Phāgun barse gharhu ke jāi.

—If it rains in Aghan, you will get double an average crop; if in Pūs, one and a half; if in Māgh, one and a quarter: but if in Phāgun, then even (the seedlings which you brought from) your house will be lost.

खाइन जे बरसे मेच, धन को राजा धन को देस।

Aghan je barse megh, Dhan o rāja dhan o des.

-Happy are the king and people when it rains in Aghan.

पानी वर्षे आधा पूष। स्राधा गेष्ट्रं स्राधा भूष॥

Pāni barse adha Pūs, Adha yehūñ ahha bhūs.

-Rain in the middle of the month of Pūs (i.e. early in January) will give you half wheat, half chaff.

माघ के गरमी, जैठ के जाड़।
पहिला पानी भर गेल ताड़।।
घाघ कहें इस दोनों जोगी।
कूष्मां को पानी घोदहें घोवी।।
Māgh ke gurmi, Jeth ke jār,
Pahila pāni bhar gail tār,
Ghāgh kahen ham hobauñ jogi,
Kāān kā pāni dhoihen dhobi.

-Heat in Magh (January-February), cold in Jeth (May-June), and the tanks filled with the first fall of rain (are signs of a drought). I'll become a beggar, says Ghagh, and the washermen will wash with well-water.

# चैत की प्रक्रिया भारों के जसा। भारों के प्रक्रिया माघको प्रसा॥

Chait ke pachhea, Bhādon ke ja/la,

Bhadoñ ke pachhea, Māgh ke palla.

-The west wind in Chait (March-April) means rain in Bhadon (August-September), and the west wind in Bhadon means frost in Magh (January-February).

1093. It will now be of advantage to compare the above with a native account of the behaviour of the asterisms preceding the famine of 1873-74. The poet Phatūri Lāl, in his tale of the famine, says as follows:—

June 1873,—ROHNI is the first asterism of the rainy season; but as it came, it departed without rain.

Rainfall in Tirbut MIRGSIRA fulfilled our hopes, for it gave a few drops of rain and depar ed.

July.—Aradra passed by with great majesty, thundering on every side.

Rainfall about 6½ inches, of which 4 inches were in the second week and 1½ inches in the last week.

Punarbas is a very holy asterism, but it was also a miser.

Pukh saved the face of the earth, but it became

the end of the rains.

August.—Asres rained upon such of the Rainfall about 41 seedlings as did rise.

Magha was as poor as a beggar.

Rainfall about 4 inches.

September.—Purba Phaguni gave no proof of his existence by rain.

UTRA PHAGUNI did not give even a drop to swear by.

October.—HATHIYA was like an elephant (hathi) who put his trunk in his mouth.

Bainfall nil.

CHITRA was only a robber and a murderer.

Rainfall nil. November.—Swatz was put to public disgrace.

#### DIVISION VII.

### CATTLE AND OTHER DOMESTIC ANIMALS.

#### CHAPTER I.—CATTLE GENERALLY.

1094. Cattle generally are known as मनेशो maweshi, माल mal, or माल लांग māl jāl. Other names are चीना chaua north of the Ganges, प्र dhūr in Patna and Gaya, and नाशा bardha in South-West Shahabad. A head of cattle is रास rās, and in Patna and Gaya also प्र dhūr. Horned cattle, exclusive of buffaloes, are गों ह goru or गाय गों ह gāy goru; also प्र डांगर dhūr dāngar in Patna and Gaya. In Sāran डांगर dāngar means cattle worn out from old age. In North-East Tirhut they are called जटन latal. A worn-out, useless cow or buffalo is said to be इटाइ tutāh or टूट गेल tūt gail north of the Ganges, or in North-West Tirhut नेइनास behwāl. In Patna the term is थीं सा thaunsa, in Shahabad चुचन thahusal or थीसन thausal, in Gaya नकाइर nakādar, and in South Bhagalpur उटानो uthāno. Dead cattle are डांगर dāngar in Shahabad and सरी mars in East Bihar.

### CHAPTER II.—BULLS.

1095. A bull is चाँड sānrh when branded with sacrificial marks and let go, and धावर dhākar when not so branded. चौभर chaubhar (Patna and Gaya) or अवर छोड dhakarchhoh is an imperfectly castrated bull, and विनदामों binhāmo is a bull to the south-east.

### CHAPTER III.—BULLOCKS.

1096. A bullock is बाध baradh, also in Patna, North-West Tirhut and in Shahabad optionally बाद or बड़द barad. To the west it is also called बेल bail, and in Gaya प्र dhūr or पार paira. Plough-bullocks are called चायो harāthi to the east. The pair are called चाइ। fora. In a team of three bullocks the wheelers are called प्रो dhūri

or पूरिया dhuriya to the west, and जोड़ी jori to the east. The leader is बाँड़ hānr or विडिया binriya to the west, and नित्त jhitti or नाटा nata to the east.

1097. A yoke of well-bullocks is called मोतहा वर्घ motha baradt. The bullock which works blindfolded in an oil or sugar cane press is called वाता nāta or कोल हुआ वेल kolhua bail. When there is ploughing going on or a cart being pulled by the aid of three bullocks, of whom only two are yoked at a time while the third one rests, the three are called तेपूरा tedhura or (in East Tirhut) तेघरो tedhri, or in Patna तेपता teptar Similarly when there are four bullocks, of whom two rest while two work, the team is called तेयर chaukhur or त्रीवरिया chaukhariya or त्रवर्घा charbar ha, or in South-West Tirhut फेरवार pherwār. In the case of ploughing the boy who looks after the unemployed bullocks is called in North-East Tirhut अनवाह anwāh.

1098. Bullocks are distinguished by various peculiarities, such as the following:—

A bullock unbroken to work is अदारी adari, also अदार adar in Tirhut, in Shahabad, and in South Bhagalpur. In Patua and Gaya he is स्रोहार audār, in South Munger स्रवी aboñ. One that sits down at work is unture parua to the west, and north of the Ganges कोढि korhi.\* In South West Shahabad he is गरिवार gariar, in Shahabad and Gaya तर gar, and in Patna मनकोटी mankorhi. A vicious bullock is मरखाइ markhah, also माखका markhanda in Patna, मरखनी markhanno in East Bhagalpur, and माखन markhan in Gaya. In South-West Shahabad the words HIAEI markuha and Gazi latha are used. A shying bullock is फोफरियाइ phephrivah to the north and west and चिह्नार chihukar or इरकाइ harkah north of the Ganges generally. In South-West Shahabad he is वंदिया bandiya, in the rest of the district सकार manjhar, in Patna and Gaya भरकाहा bharkaha, and to the southeast इरकाइ। harkāha. To butt is इर पेतल hur petal in the west and मारव marab in Tirhut. In Patna and the east it is दूँस मार्व dhuns marab, and to the south-east दूस मारव dhūs mārab or दूसा मारव dhusa marab. In Gaya it is द्वियाएव dhusiyāëh, and such a bullock is द्विसार dhusmar or द्वियाश dhisiyiha To break in cattle is त्वारे जीतल teware jotal to the west. In Tirhut it is पान लगाएव or जीतब pat lagaeb or jotab. In East Tirhut it is पाएत हु एएवं pāët ghumāëb, and in Gaya पीरी से चोत्रव pire men jotab. In Saahabad निकासन nikāsal, in Patna उपरायन

<sup>\*</sup> Compare the proverb कोटि वरद के प्रेपिष्ट बहुत korhi barad ken phephari bahut,—it is the lazy bullook that snorts and shies.

- daghrāëb, in Gaya सहराएव dahrāëb in South Munger मोहराएव gohrāëb, and in South Bhagalpur ऋदियाएव chhitināëb, mean to cause an animal to get up and to drive it along a village-road.
- 1099. A stunted bullock is ननिकरवा nankirwa, नाटा nāta, or नटवा natwa A dwarf bullock is गेना gaina.
- 1100. A bullock whose horns project in front is ঘাঁবা ghoncha north of the Ganges and in Patna and South Bhagalpur, also ঘাঁঘা ghompa in East Tirhut. In Shahabad it is ঘাঁববা ghonchwa, in Gaya ঘাঁঘা ghonghar, in Patna also ঘাঁমা ghongra, and in South Munger ঘাঁঘা ghonghra.
- 1101. A ballock one of whose homs is erect while the other hangs down is सरमपतालो saragratāli (literally pointing to heaven and hell) or सङ्गपतालो sarangpatāti. He is also called देव deb in Champāran and West Tirhut कंसासरो kansāsuri in South-West Shahabad, पताल सिङ्गो patāl singhi to the south-east.
- 1102. A bullock whose horns join in the centre is गौसिङ्की gausinghi in South-West Tirhut, and सिंगजुडा singjutta or सिंगजूटल singjūtal generally.
- 1103. A bullock whose horns are loose and are turned down is called मैना maina, or in Patna and the south-east मैन main.
- 1104. A bullock whose horns are curled like a ram's is मेंड्वा bheñrwa, मेंड् bheñr, or महवा mendhwa.
- 1105. A bullock one of whose herns turns to the right and the other to the left is স্বাৰে chātar, or স্বাহা chaira when they are small and flit. When they are large, he is called দতাই phathāh or দেহো phatha. In North-East Tirbut he is দ্যানাহাত্য pharakjāāra.
- 1106. A bullock with stunted horns is मुटरा muthra or मुदिया muthrya generally, but in Shahabad it is मुटाल muthal or मुटेल muthail and in Gaya म्डरिया muthariya.
- 1107. A buliock with no horns is में इंदा munrera in Saran, मुख्य bhunda in Champaran, मृद्धा bhūnra or मृद्धा bhunva in Shahabid, मृद्धा mūnra in North-East Tirhut, and मुख्या munda in Gaya and the rest of Tirhut, मृद्धा murla in South-East Tirhut, Patna, and South Munger, and मृद्धा mūra in South Bhagalpur. (ther names are द्वा dunriya in South-East Bhar.

- 1108. A bullock with only one horn is valer eksingha or lives singhtutta.
- 1109. When a bullock has a broken tail he is called ats banr or ate; banra north of the Ganges and to the south-west, also ate; narha in East Tirhut and the south-east. In Gaya and Champaran he is austbanda, and in Patna aug landha or aug bandha. In South Munger he is ate; lanrha. The opposite to this is utgatat ponchhwala.
- 1110. A bullock with its ears covered with long hair is भावर jhābar to the east and भावरा jhabhra to the west. One with crooked eye-brows is भौंद्यां डेर bhauñāñ ter or भौंद्यां डेर bhauñāñ der, also in South Munger भावां डेरा bhāñwāñ dera.
- 1111. A bullock not used for agriculture because it has excrescences (representing Shiva) on its body, but purchased by religious mendicants, is known as new jataha or new bascha. Other local names are new jathāwa in Shahabad and new jato in South Bhagalpur. It is the bullock ridden by Shiva.
- 1112. A हेर्जा chherua or विधा badhiya is a castrate animal, as distinguished from the चाँछ sānrh or entire bull deve ted and let go. The sacred marks placed on this last are the तिर्मुख tirsul or trident and the चन्नर chakkar or discus.
- 1113. The following rules for selecting cattle are current throughout Bihār:—

वैता वृं साहे चलता ह तना । वैता वं सहिष्ठ दू दू दना ।।
काक क्षीटी साँग्रोर वान । देशां कि कि मिर्म मित ग्रान ।।
जव देखि के किमा। तव एडि। पार सं किर्म वैना ॥
जव देखि वैरिया गोल । उट वैठ के किर्म मोल ॥
जव देखि कारियवा कना । केला गोला देख का जब दमा ॥

Bail besāhai chalalah kant, bail besahiha dū dū dant,
Kachn kasauti sāfior bān, ī chhāri kiniha mati ān.
Jab dekhiha rūpadhaur, tāka chāri dīha uparaur,
Jab dekhiha maina, tab ehi pār san kariha baina.
Jab dekhiha bairiya gol, uth baith kai kariha mol,
Jab dekhiha kariyawa kant, kaila gola dekhah janu dant.

-My dear, you have started to by a bullock, be sure and buy one with only two teeth. Do not buy any which is not some shade of grey; but if you see a pure white one, you may

advance your price four rupees. If you see one with loose horns, give handsel without crossing the road (to look at it more carefully, i.e., it is sure to be a good one). If you see one with a read head and a light red body, don't buy till you have had a good look at it. But, my dear, if you see a black, or a yellow-grey, or a red one, don't take the trouble to look at its teeth.

The following is a warning against two kinds of bullocks:-

सरम पताली भींचां टेर। च्यापन खाय. परोसिया हेर ॥

Sarag patāli bhauñāñ ter, Appan khây parosiya her.

—A bullock with horns pointing up and down, or one with crooked eye brows, injures its master and the neighbours as well.

#### CHAPTER IV.—COWS AND BREEDING.

- 1114. A cow is मो gau or नाय gāy. One that has had one calf is known as a पश्चित or पश्चित नाय pahiloth or pahilaunth gāy. Sometimes these words are spelt with z t instead of with z th. A cow or buffalo within six months after calving is धेन dhen generally. In North-East Tirhut it is धेउन dheun or धेन dhenu, in Patna and the south-east धेन dhenu, and it is also इन dheun in Patna. After this she is घन्न baken, or (in Shahabad and the south-e st) बनेंग bakena. A cow that calves yearly, or that never stops milking, is प्राचिया purāhiya north of the Ganges. A cow that breeds when five years old is प्राच्च pachār. In Shahabad and Patna she is घनप्रही dhanpurahi in Patna (also), Gaya, and South Munger बर्धार्न barsāin, and in South Bhagalpur परिया poraiya. A barren cow is बिह्ना bahila generally, also उद्दा thahra in South-West Shahabad.
- 1115. To be covered by a bull is घरिष्याएव bardhiyāëb or परियाएव pariyāëb, and also south of the Ganges बरहाएव bardāëb. Another general term is पाज खाएव pāl khāëb. To copulate (of animals). is बाह्व bāhab, also in North-East Tirhut ओहाएव ohāëb. In regard to buffaloes, भेंचाएव bhainsāëb may also be used, and of a goat ह्याराएव chagrāëb to the west.

- 1116. A cow in calf is बरदायल bardāël or जामिन gābhin. In Scuth Bhagalpur she is फरली pharli The act of calving is विधान biyān or विधान biyāna. South of the Ganges भोल देव ihol de' is to give birth to a number of young, e.g. in South West Shahabad a man was heard saying इमार हैशे दुभाल वया दिस्तय इ॰ hanār chheri du jhol bochha dehlas ha,—my goat has dropped kids on two occasions.
  - 1117. A cow that is a good milker is दुधार dudhār or दुधारि dudhāri.\* One which gives milk for one and a half years is इच्छ dewarh or in North-East Tirhut बर्ख barkha. A cow or buffalo that has gone five months, in ealf, or that has given milk for five months is सहरोस sahros north of the Ganges, and also प्रस्थि purāhiya in North East Tirhut. One that gives little milk is चाँछी chonrhi or चाँछ chonrh, also चोरनी chorni, and in Tirhut धाँक dhonchh. In Shahabad it is नदहर nathāhar, and in South Bhagalpur चाँड: chaunr. A cow that kicks at the time of milking is करकर karkat, or in Tirhut जयराह lathāh.

#### CHAPTER V,-CALVES.

1118. A calf as long as it is unweaned is बेस्ट leru. A male calf is बाह्रा bāchha, बहुवा lachhwa, or बहुव buchhru, and a female calf बाह्रो bāchhi or बहुवा bachhiya when they are from 1½ to 3 years old. When a calf has two teeth, it is दोहान dohān north of the Ganges and in Shahabad. In the rest of Shahabad it is दुस्ल dudant and elsewhere होइल dodant or होइला dodanta. In West Tirhut it is होहा बेल dokh bail. When it has not yet got its true teeth it is called उदल udant, or to the east अहल adant. ओसर osar, or to the west कहोर kalor, is a heifer ready for the bull. In North-East Tirl ut the is सौर gaur, in Patna फेटाइन phetāi, and in South Bhagalpur अविद्या ankariya. In South-East Tirhut घर thair is a two-year old heifer. Full-grown cattle are तैयार taryār. In calculating roughly the age of packbullocks, the word तील taul, or in Gaya पर pūr, is used. Thus एक तील ek taul or एक साल के तील ek sāl ke taul, one year full-grown; इ तील du taul, two years full-grown; and so on, the counting commencing from

<sup>\*</sup> Cf. the proverb जाही ते किछ्पा६ ऐ वहिए कड इवेन; ला खात मुम्रकार ते सहन दुधा रिधेन jāhi teñ k c'hu pāiai, sahiai karui lain, lāt khāt chuchkār teñ sahat dudhari dhen,— from who soever you expect to receive benefits, you must bear abusive words; even while being kicked by a milch-cow, a man will endure its actions and pat it.

the time when the bullock has eight teeth, viz. when he is four years or more old. A calf with six teeth is called छ्हाँत chhadānt. It is also called छ्हाँड chhakkar छ्जाड़ा chhakra (male), or छ्जाड़ी chhakri (female). Such calves are not appreciated, as in the proverb मूर्ज बर्दा छ्जाड़ी muil barda chhakri,—as soon as a bullock is dead (it is abused and called) a chhakri. A calf with seven teeth is सत्र saldar or समझ saldhar to the west, and सत्तर sa'lar elsewhere south of the Ganges, except South Bhagalpur, where it is सत्तर satattar. In West Tirhut it is सत्र saldanta. A calf with eight teeth is पूरा pāra, ie. full-grown or अधिज adhail.

1119. Coaxing a cow that has lost its calf to eat grain is called तोरिया toriya, or in South-East Tirhut चसत्रिया ghasturiya. In South Bhagalpur it is called तो रियान to riyān. The same words are used for reconciling a cow or a buffalo to its newly-born calf by smearing the latter with sugar. A kind of hair string used for tickling a cow with a similar object is सेल्ड selh or सेल्डी selhi; and to do this is दावत danwal in the north-west and सेल्डल selhal in Sonth-West Tirhut. Sometimes the skin of the calf stuffed with hay is put before a cow which has lot its calf, especially at milking time. Salt is sprinkled on it and the cow licks it and lets her milk flow. The stuffed calf is called जगावन lagawan north of the Ganges. In South-West Shahabad it is called खिलाडी kha'itare, in the rest of the district मीर maur in Patna करची karchi, and in Gaya करती मरी karti muri. The kind of food given to cows when they calve is पखेंब pakheo to the west and in Patna; also पहेंचा pakhewa in South Munger. In North-West Tirhut it is चोहाट chohat or चुहाड chuhār, and in North-East Tirhut चोहर chohair. In South-East Tirbut it is महेला nahela, and generally मचाल masala. In Gaya it is पुसरी pustai.

### CHAPTER VI.—BUFFALOES.

1120. A male buffalo is भैंसा bhainsa, also महिसा mahisa in East-Tirhut. A female buffalo is भैंस bhains or भँसी bhainsi; also भई bhāñ north of the Ganges, and महिस mahis or महिसी mahisi in East Tirhut. A huffalo calf is पड़क parru or कहरू karru. A male buffalo calf is पाड़ा pāra or काड़ा kāra, an i a female one पाड़ी pāri or काड़ी kāri. A well-known proverb is खेत महिसी चर, पड़क मार् khet mahisi char, parruhiñ mār,—buffaloes are grazing in the fields, beat the calves, i.e., in a fight the smaller men get caught, and the richer and more powerful real

culprits get off. In Patna and the south-west লীৰ lockar is a two-year old buffalo. In Gaya it is ইছাৰ tehān. A buffalo with two teeth, i.e. three years old, is un pas.

#### CHAPTER VII.—GOATS.

- 1121. A goat is क्रेर chher or बकार bakkar. A he-goat kept for breeding is generally बोका boka. General manes for all male goats are बकार bakra, खरसी khassi, or ढंस्सी khañssi. Other terms are द्वागर chhāgar or बोकडा bokra (North-East Tirhut), बोल botu (Patna) or बोलो boto (South-East Bihar), बीयड bīyar (South-West Shahabad), and विश्वचन biahan (rest of that district). A she-goat is बकारी bakri or द्वार chheri, also द्वारी chhagri to the east. A castrated goat is specially खस्सी khassi or खंड्सी khañssi in Tirhut and south of the Ganges. North of the Ganges the general name is क्रें क्या chherua.
- 1122. A kid is पउट pathru. A male kid is पाउर patha or मैंसना memna, and a female पाउ pathi, पिट्या pathiya, or मैसनी memni. In South Munger it is sometimes called बन्न bakru. A goat kept for sacrifice is called south of the Ganges पउट pathru, but when kept for other sacrifices it is called खहरी khassi.

#### CHAPTER VIII.—SHEEP.

- 1123. A sheep is মঁড় bheñr. A ram is মঁড়া bheñra or (in South Bhagalpur) মঁড়া bheñro, and a ewe মঁড bheñri. A lamb is মঁডিক বৰা bheñrik bachcha, also ঘতত pathru and বকত bakru in Tirhut. মানা memna is also used in South East Tirhut.
- 1124. A flock of sheep or goats is স্তু jhund or স্তু jhūnr; also জন্ত jer in East Tirhut, ইত her in West Tirhut, and জন jel in South Tirhut. A flock of about twenty is জন্ত leñhar, and of about one hundred ৰাম bāg. মইত gahenr is a still larger flock of four or five ৰাম bāg. In South Bhagalpur ভাষা kharuho, and in South Munger ভাষা suher, mean a flock of sheep.

#### CHAPTER IX.—PIGS.

1125. The general term is ৰুমা sāgar or বুকাৰ sānr, also টোক thoka in North-East Tirhut. Musalmān villagers call them euphemistically

बह कीम bad kaum, or in North Tirbut and Patna बह खोम bad khom (i.e., 'low caste'). Other simil ir names are हराम harām in Gaya, and बह मोहरी bad mohri. A young pig is पाइर pāhur to the east, also (male) हरा dahra north of the Ganges and in Gaya, तहरा tahra in Shahabad, छोना chhauna in Patna and the west, and इत्ता chhāwa in Gaya. Female names are हरी dahri (also in Gaya) or हर्दि chhāi north of the Ganges, and क्रमी kumbhi in Gaya. A full-grown boer is पहा pattha or परा pathra in North-East Tirhut, and a full-grown sow is सोमनी somni in the same place. A pigsty is खोभार khabhār, or to the west खभार khabhāri. In South-West Shahabad it is also खोनार khobār, in South-East Bihar it is खभार khabhār, and in Patna and Gaya it is बखोर bakhor.

#### CHAPTER X.—HORSES, MULES, AND ASSES.

- 1126. A horse is घोडा or घोरा ghora, and a mare घोडो or घोरी ghori. A common term for both is घोड or घोर ghor. South of the Ganges and in Sāran another word for a horse or mare is चर्चा charwa. A pony is टह tattu and a pony mare टर्ज्यानी tatuāni, and also in Patna and Gaya मिह्यान madiyān. A foal is बहेडा bachhera, and a filly बहेडी bachheri.
- 1127. To own a horse is a great piece of display according to Bihar ideas, as in the proverb डेंट्र गोठ घोडो, नौ गोठ फौज derh got ghori, nau got phauj (spoken of one who makes display when he cannot afford it),—the owner of one and a half (i.e. two wretched) mares goes about (like a lord) with nine servants.
- 1128. An ass is गर्हा gadha, a she ass is गर्हो gadhi, and an ass's foal गर्हा के बचा gadha ke backeha, or (in East Bihār and Shahabad) होनी chhauni. An ass-driver is गर्हेंडी gadheñ i. A mule is खचड khachehar.

#### CHAPTER XI.—ELEPHANTS.

1129. An elephant is हाथी hāthi, a male elephant is हत्था hatha, and a she-elephant हथनी hathni, हथनो hathni, or (in East Tirhut) मेहनी medne, and in South-West Tirhut जोएं। jorhi. A mile elephant with small tusks is मझना makuna. One with large tusks is पहा pattha:

1130. Elephants are tied up with a front foot-chain, which is बेड़ी beri or पेंकर paikar, and also in South-East Tirhut छनुसा chhanua. Its hind legs are chained with chains called डाजी daggi or नहर nangar. and also with a wooden hobble, called कडबन्दन kathbandhan.

#### CHAPTER XII.—CAMELS.

1131. A camel is जंट ग्रेंगर, also among Musalmans मृतुर shutur. Its young is called बोता bota in North-East Tirhut. Its noce-ring is नकेल nakel. कटरा kathra or काटी kāthi is its wooden saddle, also called पजान palan in North-East Tirhut; and गईका gadela or गहो gaddi is the pad.

#### CHAPTER XIII.—STRAYING OF CATTLE.

1132. To stray is generally ইং বিষ্ কিলৱ jāëb; also in Saran মুলা লাবে bhula jail. Other terms are অনং aner (or অনিংবা anerwa) লাঘ্ৰ jaeb in North-East Tirhut, ৰছকল bahkal or মাহিয়াঘল bhonriyael in Shahabad, and ৰছত লাঘ্ৰ bahat jaeb in Patna and Gaya ৰখাৰ bathan and also in North-East Tirhut মীআৰ goas, is a cattle enclosure. Other words are ইংল ghera, তাত dhāth, and তাতা dhatha. লামৰ lambhab, or লাম্ছৰ lamhab, is to drive cattle into another's field to graze on the crops.

#### CHAPTER XIV.—COLOURS OF CATTLE.

### 1133. These are—

White.—This is चरक charak or चरका charka, with a variant चरको charko in South Bhagalpur. In Gaya it is चपाधौ rupādhau, and els where also रूपधर rupdhar or रूपधौर rūpdhaur. Another word is चैंबरा chamura in North-West Tirhut.

1134. Grey of various shades.— चवर d'awar, धौर dhaur, or in Sh habad धावर dhāwar, is a light grey. सोकन sokan is a dark grey, केंब kail or वैद्या kaila is a yellowish grey or cream-colour, and सिवेदा sileba or सिवेद silebe, reddish grey. सांवर samwar or सौंदर saunra is a black grey. कसीटी kasauti and काइ kachh are shades of grey.

- 1135. Red.—A reddish cow is भोज gol, भोजा gola, or भोजन golwa. A dark red one is जाज lāl. A cow with a red head and the rest-of the body of a lighter colour is व रिया भोज bairrya gol. धरभोजो dhurgolo is another shade of red in South Bhagalpur. महुभोज mahugol means red like the mahua flower (bassia latifolia). In Shahabad this is महुआर mahuar, and in South Munger महुजासा mahulakha.
- 1136. Yellow.—This is पौछर piar or पिछरा piara. गहुमन gahuman or गोइमन gohuman is wheat-coloured.
- 1137. Black.—This is कारी kari, करिया kariya, करियवा kari, yawa, or (South Bhagalpur) कर्जा karua.
- 1138. A spotted cow is कांस kāns, a brindle one बाइसा bagchhalla (tiger-skinned), जाल बाइसा lal bagchhalla being a red brindle and सभे इ बाइसा suphed bagchhalla a white brindle. करकचा kurkandha is one black on the shoulders. In Shahabad this is called करिकचा karikandha. गुजदार guldar is a spotted ccw, and पांच कियान panch kaliyan a piebald one, or more properly one with white stockings and a white blaze on the forehead.

#### CHAPTER XV.-HIDES.

1139. These are चमडा chamra, खाल khal, or चर्या charsa, गोंखा gaukha is r.w eow's leather. It is also called होईटा goita north of the Ganges. में सोटा bhainsota or (in South Bhagalpur) में सोटा bhainsautha is that of buffaloes. चाम chām is tanned cow hide. Sheep skins are खलडी khalri. A bullock's hide cut in two halves is आधा फारी ādha phāri or (North-East Tirhut) फांको phānki. The hides of cattle which have died a natural death are सरहारी murdari or मुरहार murdār, and those of killed cattle चलालो halāli. साबर sibar is tanned deer skin. A depot for hides is चरवा के गोहाम charsa ke godām. In South Munger चरवा charsa is a cess paid by tanners to the landlord.

#### CHAPTER XVI.—CATTLE SLAUGHTER.

1140. A slaughter-house is लोकाना lokāna in Champaran, सन्हर manhar in South-East Tirhut and Shahabad, and विजयाना kilkhāna in South West Tirhut.

- 1141. Another name in Shahabad is गुरह्वान gurdawan, and in Patna खंट khūnt. Flaying and cleaning is कमोना kamīna or कमाना kamāna. A butcher is कसार kasāī, but a goat-butcher is वकरकसाव bakar kasāb, and a चिक chik\* or चोक chīk kills beth goats and sheep. The large knife used by them is बोगरा bogda, and also north of the Ganges दिवया dabiya. The block is उद्या theha, कुन्दा kunda, or कुन्दी kunda. In South-West Shahabad it is खोड khor, and in South Bhagalpur it is परकट हो parkattho. The string used for hanging up the animal to be flayed is जीकाना lokāna.
- 1142. A cultivator has many terms of abuse for his cattle. A favourite one is আৰু ক্ষীয়া ভূঁহা jāh kasaiya khūnta,—may you go to the butcher, or to the sacrificial stake.

#### CHAPTER XVII.—FEEDING CATTLE.

- 1143. To chew the cud is पगरो (or पागर) करव paguri (or pāgur) karab north of the Ganges and in Shahabad. South of the Ganges generally it is पञ्चराण्य paghurāëb or पञ्चरी करव paghuri karab. Local names are पान करव pāj karab in Tirhut, कोरी करव kori karab or कौरो करव kauri karab in Patna and Gaya, and गवड करव galthai karab in South Bhagalpur.
- 1144. Cattle fodder, consisting of the stems of the जनेरा janera (Holcus sorghum) and similar green stuff, is cut with a chopper (see §§ 86 and ff.), and is known as जूही kutti or जूरिया kutiya. In South Bhagalpur it is जूटरी kutri, and in Patna कहा katta. The fodder for stall-fed cattle is गवत gawat north of the Ganges. Other names are जैहन lehna—carrent in Shahabad, भीत gaut in Gaya, and भीतहा gautha in Patna. A general word for fodder is चारा chara, or in North-East Tirhut चरे chari. गनरीटी gajrauti or (in Gaya) गनरीट

विप्र टहल् आ, चीक धन, ओ वेटिन के वाढ़। एह से धन न घटे, तो करी वडन से राड॥

Bipra tahalua, chik dhan. o betin ke barh.

Ehu se dhan na gate, to kari baran se rar.

<sup>\*</sup> It is unlucky to touch money received from these men on an inauspicious day. Hence the proverb :--

<sup>-1</sup>f you cannot get rid of your wealth by having a Brahman servant, keeping possession of money received from a butcher, or from excess of daughters, you will do it by fighting with bigger men.

gajrauta are stalks and leaves of the carrot (ntag gājar) given to cattle. The chopped up sugar-cane tops (n genr) given to cattle as fodder are called un agenr, &c., as described in § 1012. The chānchh; in North-East Tirhut is a cattle-food made of spring-crops cut before they are ripe and then dried. Unit sāni is the chaff and water on which bullocks are fed.

- 1145. To feed cattle is खानी पानी करन (or हेन) हतां pani karab (or deb). Another phrase current in Patna and Gaya is तीस हैन gaut deb. A load of fodder is नोस्ता bojha, and also मोट mot in Patna, Gaya, and Shahabad. Chaff is भूषा bhūsa, with variants भूषा bhūnsa (in Patna and Gaya) and भूषा bhūssa. The net full of chaff is जला jalla or जाला jāla generally. In Shahabad and South Munger it is जलाइ jalkhar, in South-West Shahabad जोरा jora, and in Patna जापार kapāï. The refuse grass, &c., which cattle leave behind is जायर lather to the west, निषास nighās to the north-east, and गोषार in Patna, Gaya, and the south-east. Local names are खंधल khadhel in Shahabad and गोर्थारो gortharo in South Bhagalpur.
- 1146. A beast that eats little is निखोरा nikhorāh or निख्रा nikhurāh, also चिक्रनिया chikansya or ज्ञातपा alpajiya in South-East Tirhut and ग्राच्या alpajiya in South-West Tirhut. In Patna and Gaya it is optionally निक्रनिय naksondh, in South Munger चिक्रनिय chikankāur, and in South Bhagalpur चिक्रनिव्सो chikanjibbho.

#### CHAPTER XVIII.—PASTURAGE.

1147. Lands set apart for pasture are generally simply utal parti. Special names are, however, that rakhāt north of the Ganges and that rakhānt (South Munger). Other names are trainer chirāgāh in Sāran, Patna, and South Munger, utic charānt or at bādh in Gaya, and usit arār Shahabad. A cattle-yard is auta bathan or autal bathani. The field in which cows are fed is in South-West Shahabad utic charāi, in the rest of that district uter, and in South Munger uter abera. In Gaya it is at bādh, in Patna autal baharsi, and in South Bhagalpur attu bahiyār or ute ār. Cattle left to graze without watch are utera bahiyār or uter ār. Cattle left to graze without watch are utera aneriya to the west, utera anera in West Tirhut, utera chhutha in Gaya, uter udangar in Patna, utera ujiha in South Munger, and utera ujra in South Bhagalpur.

### CHAPTER XIX.—FENCES.

1148. A fence to keep cattle out of fields is घरान gherān or घरानी gherāni to the north-west. In Tirhut it is नारी bāri or कें b berh. South of the Ganges it is घोरान ghorān. Local names are घरा ghera in Tirhut and इत्पा chhāpa in South Munger. In Champāran चिराँत hirānt is a hedge of brambles not fixed in the ground.

#### CHAPTER XX.—GRAZING-FEES.

- 1149. These are of two kinds :--
  - (1) Those paid to the owner of the land.
  - (2) Those paid to the herdsman.
- 1150. A cowherd is called ग्वार gwār, गोञार goār, अहोर ah īr चरवाइ charwāh or चरवाइ। charwāha, and गोराख्या gorkhiya. A tender of cows is in North-East Tirhut ग्रेवाइ gaiwāh. A shepherd is महेरो gareñri or माँटिइर bheñrihar. South of the Ganges the latter also takes the form माँटिइर bheñrihār or माँटिइररा bheñrihāra. A local name is माँटिइर bheñrdhurai in South Bhagalpur.
- 1151, (1) The fees paid to the owner of the land are known as खरचरी kharchari or खरचराई kharcharāï north of the Ganges and in Gaya. The latter also is used in Gaya. In Shahabad the term is बर्दिया bardiya. In Tirhut, Patna, and the east are noted कास चराई kās chārāï, काइ चराइ kāh charāï इंगा dena, मेसीघा bhainsondha, and बरहाना bardāna. In the south-east the word is हैंगा daina. In many places these fees are only paid for buffaloes, and not for other cattle
- 1152. (2) Those paid to the herdsman are ব্যাহী charwāhi or ব্যাহ charāi. See also § 1205.

# CHAPTER XXI.—COWHOUSES AND ENCLOSURES FOR CATTLE, CATTLE-OWNERS, &c.

1153. A cowhouse is गौचार gausār or गौचाला gausala. To the east it is गोचाल gohāl. Local names are गैचरा gaighara in North-East Tirhut, रखोल darkhol in South-West Shahabad, and रोगाइ dogāh in Patna and Gaya. चार sār is also used to the west. वरघरा barghara, or in Gaya वद्यारा baharghara, is a cattle-shed. In

Champāran a breeding-shed for cattle is called चारो ghāri. A place where cattle are collected is न्यान bathān. In some places a special word is used for spots where buffaloes are collected, viz. दिश्व hirāt in the north-west, केंद्र lenrh in North-West Tirhut, नेटार baithār in East Tirhut. To collect cattle is न्यान्याएक bathniyāël. In North-West Tirhut it is केंद्रियाएक leñrhiyāël. A cattle enclosure is पाना pājha in the north-west and प्रानी palāni in Tirhut. In Shahabad it is अव्याद arār. A local name in North-East Tirhut is द्वा dhatha, which becomes दाउ dhāth in West Tirhut. A general word is न्यान bathān. In Patna अव्यान arān, and in Gaya अव्याद ara, is an enclosure for cattle in the forest.

- 1154. To the west an owner of cattle is called मौजार mauār. The song sung by cowherds while herding is called विरह्म birha, or (in South Munger) महरार mahrāï. Another similar song, but sung to a different air, is चाँचर chānchar. जारकार lorkāï is a special cowherd's song concerning a hero called जोरिका lorikā. In South Bhagalpur the cowherd's dance is called जोडियारो loriyāro. The man who dances is called जट आ natua or ने ट्रेंगा netua.
- 1155. In Gaya चेल्ह्दा chelhwa, in West Tirhut ভাৰতা chalha, and in Saran चालहा chālha, is a knife used by milkmen. The brand for branding cattle is साटी sāti.

### CHAPTER XXII.—CATTLE-DEALERS.

1156. These are फাছো pherha north of the Ganges, and in South Bhagalpur फाइबेक pherbaik. In South-West Shahabad they are ছাছো hariha, in Patna অভিভিন্ন lenhriwāla, in South Munger মাইছিবাজা genhriwāla, and elsewhere ছাবোজা hārwāla.

# CHAPTER XXIII.—MILK AND ITS PREPARATIONS.

1157. Milk is द्ध dūdh. Cow's milk is गय gabya or गोरस goras. To milk an animal is द्ख्व dūhab or सगाएव lagāëb. A cow that gives milk is सगहर laghar or सगान lagwān, as opposed to नाटा nātha or अनाटा anātha, which is one that does not; one that milks plentifully is दुधारि dudhāri.\*

<sup>\*</sup>Cf. § 1117. Another proverb is दुधादि गाय के दू लातो भला dudhāri gāy ke du lāto bhala,—even two kicks from a good milker are to be valued.

- 1158. When the milk of a cow or buffalo runs dry, the word used is विद्यास bisukhab. Local words are उद्देश के thāinth hoëb (South-East Tirhut), विसदास biskhāb in Patna and South-East Tirhut, पुद्धास chuhthāb in Shahabad, and उसरा thamra in the south-west of that district. The milk of a cow for six months after calving is धन (or south of the Ganges दिन) के दूध dhen ke dūdh. After that it is बक्रेन के दूध baken ke dūdh.
- 1159. The unsophisticated Bihār villager is not ignorant of the advantage which accrues to the seller by watering the milk he sells. According to popular belief the cow acts as the milkman's confederate in this, as in the proverb गाय गाँचार मिलाप, उँच ने पानि दृष्टाच, gāy goāreā milāp, thehuneā pāni duhāb—the cow and the milkman are confederates for (without the pail leaving his) knee, she lets him milk water into it. At the same time it is but fair to add that some translate the proverb as meaning that when a cow and the milkman are friends she will let him milk her even standing in water up to her knees. Both translations are possible.
- 1160. Clarified butter is আ ghyu. Sometimes the Hindi word et ghi is used. The word is sometimes spelt ভাব ghiw. Local names are নিতৰ neun in west Tirhut, ভিন্ধনা chikna in Gaya, নিয় namu or জীৰ lain in Shahabad, and নিয় nenu in the east. Fresh clarified butter is আহীৰে ক আ ahīr ke ghyu, or in the South Bhagalpur নিয়েল, আ girastu ghyu; and that stored for a time in leather vessels ক্ৰামী কি আ kuppi ke ghyu or নিজা কি আ gelha ke ghyu. South of the Ganges it is also called হিত্তিৰাহা আ dakhināna ghyu.
- 1161. The sediment which settles in making clarified butter is मिट्टार mathiyar, माउ māth, or माउ। mātha north of the Ganges. South of it it is जेनू lains in South-West Shahabad, मटार mathgar in the rest of that district, मटाहा mathāha in Gaya, and मटाही mathāhi in Patna. The refuse left in boiling it down is हार् dārhi; also महिया mahiya in North-West Tirhut, and चोर ghor in Tirhut generally. Other names are पाइन pharan and महरन mahran in Shahabad, and कोरीनी korauni, used in the same place and in South Munger; खेंडोही khankhori in the rest of Shahabad, and खरननी khurchani in Patna.
- 1162. Tyre or curdled milk is to or the dahi. It should be noted that this word is feminine, though grammarians say it is

masculine.\* Another name current in West Tirhut is बर्ज ई sajui. The old curds put in to curdle milk are जारन joran. Tyre is a luxury, hence the proverb चर स्की, बद्दी स्की ghar dahi, baharo dahi,—only he who eats tyre at home gets it abroad.

- 1163. Curdled milk is जमान एकी jamão dahi or सनाव एकी sajão dahi. Other names are सन्ति sānchi to the east, सन्ता sajwa in North-East Tirhut, मिट्र mithur in South-East Tirhut, and जार jamuï in Gaya. The cream of this is called इर्जिंडी chhālhi, a local variant being इर्जिंगे chāli in Patna. In South-West Shahabad it is साक्षे sārhi. When this is taken off, the remainder is called जार एकी katuï dahi or इज्जाइर chhalkatui. In Shahabad it is also called दिख्य chhinui, and another name north of the Ganges is दिख्या chhinuhi. Another variety of curds, from which the whey has been expressed or boiled, is called द्वार chhena. It is something like the dry curds from which cheese is made in England.
- 1164. The thick milk given by a cow just after calving, or beesting milk, is पेतुस phenus or पेतुसा phenusa to the west. In Tirhut and the south-east it is खिरसा khirsa, and in Gaya टाकर dhākar means the milk of the first milking after calving, पेतुस phenus being that of the second. A cow that drops her milk is कामधेतुआ kāmdhenua or धेतुआगर dhenuāgar north of the Ganges, also खासर khasar in East Tirhut. To allow the calf to suck the teats of a cow for an instant before milking, so as to induce the latter to let the milk flow, is पॅनहाएस phenhāël or पॅन्हाएस penhāël.
- 1165. Cream is মলার malāi or বলার baāil, and skim-milk प्रशानन pasuwan or (in East Tirhut) হুনুসা হুঘ chhnua dādh.
- 1166. Butter before clarification is नेजन neün north of the Ganges, and also नेन nen in North-East Tirhut. South of the Ganges it is जैन lainu to the west, चिक्ना chikna and सक्खन makkhan in Patna and Gaya, and नेज nenu there and in the south-east. Butter-milk is सहा mattha, साहा mātha, or चोर ghor. In Gaya and the south-west it is also ছাছ chhānchh. A well-known proverb about butter-milk is इचक सहा प्रकि पाँच dūdhak jaren mattha phūki pībe,—through having been scalded by (hot) milk, he blows on the butter-milk before he drinks it i.e., a burnt child dreads the fire.
  - 1167. खोद्या khoä is milk boiled down till it is thick.

<sup>\*</sup>Eg., in Manbodh's Haribans, VII, 48, एकधा एडि वर्डि तींत आधका दि, ekao dahi nahiñ lel adhalāhi,—they did not take a single bad curd.

#### CHAPTER XXIV.—CATTLE DISEASES.

- 1168. Medicines are administered through a bamboo tube called ঢ়বেলা dharka or কাঁড়ী kānri.
- 1169. The identification of the following diseases is in many cases very doubtful. The list is given rather in the hope that it may form the basis of a future identification by competent experts. Probably many of the names given as representing different diseases are merely different local names of one and the same disease.
  - 1170. Farcy.—This is स्त्रिया agiya or ऋतिनवाय aginbāy.
- 1171. Diseases of the stomach.— নাঁকী jonki is inflammation caused by small leeches in the stomach and liver. In West Tirhut it is নাকৰ jokti. ঘটনা petchali, or (in Tirhut) ঘটনা petauk, is diarrhea; ঘানৰ pokab, or in North Tirhut ছাঁভী chhīnri, is purging. ঘানা pilhi is said to be a swelling of the liver. Perhaps it is disease of the spleen.
- 1172. Foot and mouth disease.—This is ভাষের khorka in the north-west and in West Tirhut, অছবছে ahwāh also in Champāran and North-West Tirhut, ভাষা khangāha in East Tirhut, ভাষার khongha in West Tirhut, মলহা bhajha in South-East Tirhut, আমা ābha in Tirhut generally, and (optionally) ভাষা khurha in Patna and Gaya.
- 1173. Diseases of the throat and mouth.—आंती कदन ānti barhab, or आँती चढ जाए ब anti chark jā ëb, is swelling of the uvula. कारार kanthar (Gaya and the north-west), भिरुखी bhirukhi (Tirhut), कुछा रोग kantha rog (Gaya and Tirhut), GEAT dharka (Patna), is a disease of the throat and chest, which swell and prevent the animal swallowing. Little dhānsi (north of the Ganges) is cough. वैंगा benga is inflammation of the versels of the tongue followed by dysentery. খ্ৰন্থা thukha (Patna and the south east) is described as a disease in which saliva flows from the mouth. सखभामी sukhbhāmi (north-west and Gaya), हिंडी chhenri (Tirhut), दॅतनर dantnar (South-East Tirhut), इनुआ hanua (South-East Tirhut and Patna), মুক্বোর sukarwant (Patna, Gaya, and Shahabad), इन्त जहर dant lahar (South Bhagalpur), are described as diseases of the tongue. जिन्भी jibbhi (West Bihar) or जिमसहा jibhsatta is lampus. सुद्धी bhundi (Patna) is described as a throat disease. क्या सारू kantha sāru (South-East Bihar), or in Gaya नाही कानवा nādi kanwa, is a disease in which sores form in the throat; so also in the same tract is चोना

- चोता sona hola. चोर मतना chor matka (South-East Bihar) is a disease of the mouth which prevents the animal eating. सुद्धपिका muñhpasija is diarrhea with watering at the mouth. In Gaya चरचरवा ghargharwa is a disease accompanied by rattling in the throat. चींचपुत्तवा, ghonghphulwa in Gaya, and चेचुन्या gheghua in Gaya and Shahabad, is a kind of goitre.
- 1174. Disease of the feet.—Foot-rot is सनकार jhanakwāh North-West Bihār and Shahabad) and सनक jhanak in Tirhut. In Patna it is सनकारा jhanakbāta, and in South-West Shahabad सनका jhanka. बाता bāta is a swelling of the knee-joint. When a bullock becomes lame through overloading, the phrase used is भर जाएव bhar āëb, सरक जाएव sarak jāëb, or उत्तर जाएव, ukhar jāëb, or in South-East Tirhut खन्ना khanja. चर्या charaiya in the south-east is too large hoofs. खाँग khāng is an insect bred in the feet, which is supposed to devour the whole body. An animal affected with it is खाँगल khāngal.
- 1175. Rinderpest.—This is जेचक chechak everywhere. Other names are गोटी के निकसारो goti ke niksāri and महमाया mahmāyā both generally, and बरका बेमारी barka bemāri in Champāran, गोसाउन gosāün in North-East Tirhut, उपन्तर कतवा antar katwa and जगदम्मा jagdamma in Gaya.
- 1176. Windy colic.—This is দুৱাৰা phulbāt, দহদুলী pet phulli in Tirhut and Shahabad. In Patna it is বিল্যা bindha. A similar disease accompanied by difficulty of breathing, is দুৱাৰা phulbagha in Gaya and Shahabad.
- 1177. Staggers.—These are मिरारी mirgi generally; other names are घुरने ghurni (Patna and the south-east), घुमरी ghumri in South-West Shahabad, and इतं यरना hateyarwa in the rest of that district Perhaps इनकी tunki in the South East, which is described as a sudden death of cattle, is a veriety of staggers.
- 1178. Worm (or filaria) in the eye.—This is चाँदनी chāndni in Gaya, and माडा māra or माडा फुझी māra phulli in Shahabad.
- 1179. Tumours.—These are অন্থবাৰ jaharbad, with a variant অন্থবাৰ jaharbāt in Gaya and South-West Shahabad. Another name in Shahabad is ঘিৰেলী pirki.
- 1180. Fevers.—झड़ें या arhaiya or झड़ें या arhaya is a fever lasting two and a half days. In Tirhut it is called जरखोर jarkhor.

- 1181. Pneumonia. (?).—A disease attended with panting is called हाँफ hāmph in the north-west and in West Tirhut. In South-East Tirhut it is इमने haphni, and in North-East Tirhut बात bāt.
- 1182. कॉस्पका konrpakka (South Bhagalpur) is a disease in which the liver gets abscesses. खर्ग kharra is a kind of mange. It generally attacks young cattle.

#### CHAPTER XXV.—CATTLE-FODDER.

1183. The following grasses and other plants are used for cattle fodder. Their botanical names have not been in the majority of cases indentified:—

अंकता ankta, —see अंकरी ankri.

अंतरों or अंतरों ankri (west), भेखरो bhekhri (north-west and Gaya) भित्तोर bhilor (north-west), अंतरा ankta (Patna, Gaya, and south east) : also अटका atkā (South Bnagalpur), vicia sativa:

ग्रद्धा atka,—see मं कारी ankri.

बाँट की anthuli (Gaga), बाँटी anthi (South-West Shahabad and Gaya).

अनजान anjān, (Patna, Gaya, and Shahabad).

अमता amta (West Tirbut).

जमरोरा amrora (East Tirhut, Gaya, and Champaran.)

खरेया araiya (generally).

चाँठित anthil, — see चँद्रती anthuli.

उनटा चिर्चिरी unta chirchiri (East Tirhut and Gaya).

जोरी टीनी ori tini (Patna and Gaya).

जीवर aunkar (Shahabad and Gaya).

काचा kajla (Champāran and North-East Tirhut) or प्रवास kajri (Shahabad).

कतरा katra (Saran and Tirhut).

कनवा kanwa, कन्ना kanna,—see कीना kena.

करमी karmi,—see करेम karem.

करार karār (Shahabad and South Munger).

करम karem (South-West Shahabad), करमी karmi or करमी जत karmi lat elsewhere, a creeping-plant with a small white flower which grows in marshes (Convolvulus repene).

काना kāna,—see कोना kena.

क् करोंघा kukraundha (north).

अअवा kukusa (South-West Shahabad).

कीना kena (west and Gaya) or काना kāna (Tirhut, Patna, and South Munger), also कनना kanwa (Gaya) and कन्ना kanna (South Bhagalpur and Gaya), which grows in Indian corn.

कोटिना korhila (Champaran and North Tirhut).

कीबारा kauara (East Tirhut).

खाडा khagra (Shahabad).

खबरा khukhsa (general).

खोभी khobhi, (South-East Tirhut, Gaya, and Champaran).

जड़नी garni (north-west).

गँड्हर ganrhar (Shahabad, Gaya, and South Munger), गड़ियार gariyar (west), गँड़र ganrer (Gaya), गाँड्र gānrar (Patna), गड़ार garār (south-east), गड़हरजा garharus or गँड़ री ganreri (north).

गड़ इंद्या garharua, गड़ार garār, गड़ियार gariyar, गंड़ र ganrer गंडरी ganreri,—see गंड्हर ganrhar.

गदप डोन्या gadpanroa, गदपिड़ोड़ा gadpirora, गदपुरना gadpurna—see गधपरना qadhpurna.

मधपुरना gadhpurna (West Tirhut and Champaran), महपुरना gadpurna (Shahabad), महपुरना gadpurna (Patna and Gaya), महपुरना इंग्रिंग gadpirora (South Munger), पुरननी purnwo (South Bhagalpur) (Boerhaavia procumbers).

गांड्र ganrar,—see गंड्हर ganrhar.

गुँचे रा gunjera (South-West Shahabad).

गोधना godhna (East Tirhut).

चकोडा chakora,—see तिनप्रतिया tinpativa.

चरौ chari,—see चौरांत chorant.

TITI chāra, branches of trees, especially of the pipar (ficus religiosa) or of the bar (ficus Indica) given as fodder to elephants.

चिननो chikni (South-West Shahabad and Gaya).

चिचहोर chichhor,—see चिचोरी chichori.

88 R. & J.

चिचोरी chichori (Tirhut), also चिचोर chichor (north and Gaya), चिचहीर chichor (east) or चिचोरी chichoro (South Bhagalpur and Tirhut) and जेंड्रे lenrai (north-west),

चिनवा chinwa (East Tirhut).

चैंच chench (west), गड़ींहो garaunchhi (Champāran and Patna), सरीचो saraunchi (Gaya and South Bhagalpur), सरहस्रो sarhanchi (Gaya and South Munger) (various species of Achyranthus).

चोराँत chorānt (Gaya and South-West Shahabad), चरी chari (west generally), चोराँता chorānta (Patna), जुड़गुड़ी jurguro South Bhagalpur), and जाड़ा jugra (South Munger).

चनेराइ jakerāi,—see जीके राइ jaukerāi.

जिनवाँ jinwān (west) or भीरो jhīro (East Tirhut).

ज्रांग (South-West Shahabad).

जाड़ा jugra, जुड़गुड़ी jurguro,—see चौरांत chorānt.

जीव job (Tirhut, Gaya, and west generally).

जी को राइ jau kerāi (generally); जकीराइ jakerāi (south-east) See § 959.

भारत्या jharuā,--see भार jhar.

<del>সাবে jhār</del> (Tirhut and Gaya), সাবস্থা jharua (Saran and Patna), a kind of brushwood growing on wells, &c.

भौरो jhīro,—see चिनवां jinwān.

उद्या tharhiya (Shahabad and East Tirhut).

wint dangar (Patna and Champaran), a species of Indian corn which bears no cobs.

stall dabhi (north of Ganges, Gaya, and Shahabad).

डें ए आ derhua (South Tirhut).

तितकी titli ( iuya and west), तेतारो tetāri (Tirhut), तेतार tetār (East Tirhut).

facils titoi (Gaya and South Munger).

तिनपतिया tinpatiya (south and west) and चकोडा chakora (Gaya south-east).

त तार tetar, तेतारी tetari,—see तितली titli.

द्विया dudhiya, a kind of wort. It is very poisonous.

दुव dūb cr दुभ dūbh, also south of the Ganges दुवभी dubbhi (cynodon dactylon).

धकरा dhakra (Tirhut and Champaran).

धिमोई dhimoi (Gaya and west), इसीई chhimoi (South Munger).

गरचा narcha (Gaya).

गरजॉक narjonk,—see जरही larhi.

नबजा narua,—see पीचार poar.

नरे narai, नार nār, नेवारी newāri,—see जार lār.

पत्तार patlār (Champāran).

पपरा papra,—see पिपरा pipra.

पर्वीता pasaunta,—see वसौता basaunta.

fuuti pipra (South-East Tirhut, Patna, Gaya, and South Munger), uuti papra (South-West Shahabad), and uuti pupra (Champāran and South Bhagalpur).

प्परा pupra,—see पिपरा pipra.

परनवी purnwo, -see मधपुरना gadhpurna.

पोस्रार poār (south), पोरा pora (West Tirhut), नवसा nārua (South Bhagalpur), straw which has been trampled in the threshing-floor.

पारका pharka (South-East Tirhut).

फुटिया phutiya (East Tirhut).

पुरोना phulena (north-west), ग्राम तूलको shām tulsi (West Tirhut) or दुन तूलको ban tulsi (East Tirhut).

पेपना phephna (East and South Tirhut).

बन तूजसी ban tulsi,—see पृजेना phulena.

वन पोका ban posta (Champaran and Gaya), wild poppy.

बन केराई ban kerāi (Patna, Gaya, and West).

वर्षोता basaunta (north of the Ganges), वसवादा baswanta (Shahabad), or (North-East Tirhut) पर्योता pasaunta. which grows in Indian corn.

विवादी bisarhi (East Tirhut).

विद्या berhiyan,—see वेरी beri.

बं जायन belwan, बं जोन्हा belonha, बंजीधन belaudhan,—see बंजीधा belaundha.

विचास belaundha, which grows in rice and millet, found north of the Ganges, in Patna, and South Munger. In Gaya it is वेजीयन belaudhan, in Shahabad वेजवन belwan, and in Gaya and South Bhagalpur वेजोन्द्रा belonha.

बेरी beri (Gaya), बे दियाँ berhiyan (Patna).

भिजीर bhilor,—see च करो ankri.

भूकी bhūsi (north) or भोषा bhosa (Tirhut), chaff.

भेखरी bhekhri,—see खँकरी ankri.

मोचा motha (north of Ganges, Shahabad, Gaya, and south-east) (cyperus rotunda).

सक्दे के डाँट makaï ke dant (Gaya), Indian corn stalks.

सकरा makra, a grain (north of Ganges, South-West Shahabad and South Munger) which grows in Indian corn. See § 998.

मण्डू के गारा mandu ke nāra,—see मण्ड गारी maruāti.

मसी masi (Sāran).

स्टमर mutmur (north of the Ganges), which grows in rice-fields.

मण्याटी maruāti (Gaya and South-West Shahabad), मण्डू के नारा mandu ke nāra (Gaya), marua straw.

म् नगा munga, सञ्चन sahjan, &c., (hyperanthera moringa), see स्थान saigan in § 1074. It is very plentiful at Gaya, hence the proverb—

म्नमा, मच्हर, मोखतार, मातजादी, ई चारी से साइवगम् च की खावादी,

Munga, machchhar, mokhtār, māljādī, ī ohāro seh Sāhabganj kī ābādi.

— Munga, mosquitoes, attorneys, and courtezans, these four make up the population of Sababganj (i.e., outer Gaya).

मनमन munmun (north-west).

मृतका murka (north), found in wheat and barley.

म्रेगा murena (west).

रटनी ratni (East Tirhut).

राटन rātan,—see राजी rathi.

राष्ट्री rari (north of Ganges).

राही rārhi (Shahabad, Patna, and Gaya, and South Munger), राहन rātān (South Bhagalpur).

जापटा lapta (Gaya and west.)

जरजीका larjonka,—see साही larhi.

बरही larki (Patna), नरवाँक narjonk (South Munger), बरवाँका larjonka (South Bhagalpur).

सार lār or नार nar, also नरे narai (South-West Shahabad), and नवारो newāri (Patna and Gaya), untrampled straw.

च पूर्व lenrai (Gaya and west) or (North Tirhut) कोढ़िया korhila, found in rice-fields. The same as चिचारो chichori.

धाम तुलची shām tul si,—see फ्लोना phulena.

साँदे sāñiñ (Gaya and Shahabad) or सामी sāmi (North-East Tirhut).

सामा sāma (Tirhut),—see § 989.

सामी sāmi,—see सांद sāñiñ.

सौबौं sānwān, (Gaya, South-West Shahabad, and South Munger).

सिहोर sihor or सिहोड़ा sihora (Champaran and Tirhut).

सम्रा suara,—see सुरबरिया surbariya.

सुरविरया surbariya (Patna and Gaya), सुरवार surbār (Gaya and Shahabad), सुद्यारा suara (Gaya and Shahabad), सुरवारी surwāri (north), found in millet.

स्रवार surbar, स्रवारी surwari,—see स्रवरिया surbariya.

serhi (South-West Shahabad).

TET hara,—see TEST hadda.

इड्डा hadda (north of Ganges) or (East Tirhut) इड़ा hāra, दाखा

hara, (Gaya and South-West Shahabad), which grows in millet (suphorbia hirta). Cf. also § 1075.

इथवे hathbai (East Tirhut).

इरोती harauti (South-East Tirhut).

TITI hāra,—see TE TI hadda.



#### DIVISION VIII.

## LABOUR ADVANCES, WAGES, AND PERQUISITES.

#### CHAPTER I.—PAY AND ADVANCES TO LABOURERS.

- 1184. A labourer generally is मज्द majūr, also in Tirhut and the south-east जन jan. Another very general word is बनिद्वार hanshar. In east Tirbut a जमरिजा kamariya (i.e. he who wears a blanket) means a labouring man generally. In Patna, Gaya, and South Munger he is also कमियाँ kamiyan. In Tirhut चाकर chākar is a paid servant, as opposed to affect bahiya and Tears charwah, which mean an unpaid servant. A day-labourer is in South-East Tirhut रोजहा rojha; elsewhere he is मन्द्र majūr or जन jan, as above. A servant engaged by the year is a nokar north of the Ganges, and also TTATE harwah (literally, a ploughman) in Tirhut. Forced labour is बेगारी begari, and a forced labourer is बेगार begar, or in Gaya हाकिम इकसी hākim hukmi. In East Tirbut जिरतिष्ठा jiratiha is a labourer who receives land rent-free and works for his master without remuneration in the agricultural season. In the north-west the पारीवाला pāriwāla sometimes works for his master and sometimes for himself. In Tirhut खदास khawās means a male house-servant, Hindu or Musalman. A proverb which alludes to him is चौरत सङ्घ चौर, पहरूब सङ्ख्यास. chorak sang chor, paharuk sang, khawās,—with other thieves he is a thief. but in the presence of the watchman he is simply a servant.
- 1185. A labourer's pay is मज़रो majūri, or to the east अन रा ajūra. When paid in kind it is वन ban or वनि bani, also बोनो boni in North-East Tirhut. When paid daily it is also called रोज roj or (in Patna, Gaya, and South Munger) रोजोना rojīna. In Champāran it is रॉजबन्धी rojbandhi. Monthly wages is दरमाद्या darmāha, also महिना mahinna when it is a fixed sum, and महिनवारो mahinnaïri when it means the average income of the month. Yearly wages is चालियाना sāliņāna or चालोना salīna. In the north-west it is also चालीना salīna, and in

North-East Tirhut घरकी bārkhi. In Sāran and North-West Tirhut मनी mani is an allowance of grain made to a servant in lieu of pay. In South Munger it is कोराना korāna.

1186. Advances of pay to labourers are पाजिल phājil or आवस.
agwar in the North-west. In East Tirhut they are चनीर janaur, in
West Tirhut आगेड वagauri, and in South-East Tirhut also आगाउर agāür.
In Shahabad they are आगाय agwan, in Patna आगार agār in South
Munger आगोरो agauri, and in South Bhagalpur आगारो agraur. In
Gaya they are कामियोटी kamiauti. इरवर harwar in the west, and
इरोरो harauri in South-West Shahabad and Tirhut (or in East Tirhut
optionally इरोर haraur), is an advance of grain or money or a piece
of land given to a ploughman when he is engaged. In the south-east
it is इरवाहो harwāhi, in Patna कामिआई hamiaī, and in Gaya कामियोटी
kamiyauti.

## CHAPTER II.—ADVANCES TO TENANTS.

- 1187. Advances are generally ন্যাৰী tagāwi or ক্ৰো karja. The following special names are also used :—
- 1188. Advances to buy food.—These are ত্ৰীছৰ khaihan to the west and in Patna and Gaya. In Tirhut they are called ব্ৰিয়ীতা baniyanta, and when in cash কলো karja. In Patna and Gaya they are ত্ৰিছৰ kharihan.
- 1189. Advances to buy seed.—These are বিভাছন biahan in East Tirhut and বীছন bihan in Patna and Gaya. In Shahabad they are ৰীয়া বিশ্ব benga or ৰীয়া ৰাজ biya bāl.
- 1190. Advances for purchase of cattle and sinking wells.—
  These are तमावो tagāwi or कर्जा karja south of the Ganges. In East Tirhut अध्यावा adhlāwa, and in West Tirhut अध्यापा adhlappa, is the advance made to a tenant for the purchase of cattle. The lender receives back amount of the advance and half of the profitderived from the cattle.
- 1191. Advances for marriage expenses.—These are কৰেন karjain in Patna.
- 1192. In Champāran दश्चित्रकी dahihakki is a remission made by the landlord to a lessee. In South-East Tirhut similar terms are दुटती chhutti (used also in Patna and Gaya) and खातिर khātir. In West

Tirbut and Champaran when fallow land is given to a cultivator for a quarter rent or rentfree for the first year, the custom is called खिलही khilhi. So also in South-East Tirbut it is आखा चास āsa chās, and in Shahabad जील मारी khil māri. See also §§ 912 and 913.

## CHAPTER III.—DUES PAID BY TENANTS.

1193. These are principally the cesses paid to the resident artisans and other non-cultivating residents in the village, who are known as पवनी pawani, पौनी pauni, or पौनिया pauniya. In East Tirhut they are पवनी पयाडी pawani pasāri, and in Gaya as पञ्ची pabbi.

1194. The carpenter (ৰছ ছা barhi) and blacksmith (জীৱা lohār), who are generally the same person, get a fee from the member of a marriage procession who gets any work done by him. This is known as fatle birit in South Munger, and as वियाच दानी biyah dani in South Bhagalpur. Elsewhere it is simply दनाम inam or बक्तिसंस baksis. His remuneration for the repairs of instruments is कठा katha in Saran, जीरा jaura in Champāran, and पाल pāl in Tirhut. In Shahabad it is कामाइ kamāi. and so also in East Tirhut. In South-East Tirhut it is also wife bhanwar, and in South Munger it is करे नी kamaini. When he is paid at so much paddy per plough, it is called, according to the amount, share boiha in Sāran, Patna, Gaya, and the south-east, अंदिया antiva or पाँचा pānja in Champaran, and पंजीर panjaur in North-East Tirhut. Another of his perquisites received at the time of sowing is called व्यवस् anjur in Shahabad and व्यांन री anjuri in Gaya. He receives a further remuneration for keeping the cane-mill in order. This is पचरावन pachrāwan or आवर bhāmwar in Shahabad, कोउडकाट kolhkarh in Patna. कोरहकर kolhkar in South Munger, and कोलहपचरानी kolhpachrani in South Bhagalpur. In Saran he gets two rupees for each mill, and his remuneration is called un khan. For repairing other implements he gets in Saran साली sāli, and a similar cess in Champaran and Tirhut is known as खरिष्टानी kharihani. In South Bhagalpur भौरी bhaunri is the general term used for his perquisites. In North-West Tirhut GIF khān, and in North-East Tirhut खन khan or कमाद kamāi (which means wages for any work done), are the wages for making a new mill. The grain actually given is simil dali, and amounts to from 10 to 30 sers. The fee for repair is fangel bighati, and is 4 annas per bigha for alter 88 R. & J. 41

morhan or first cuttings, and 2 annas per bigha for with khunti or second cuttings of the cane.

- 1195. The weaver's perquisite.—This is in North-West Tirhut ৰাল bāni, and elsewhere ৰাল bāna.
- 1196. The shoe-maker's (चमार chamār) perquisite.—This is भाँबर bhāmwar to the west. In Gaya and Shahabad, however, it is खरिश्वाने kharihāni. It is पाल pāl in Champāran and Tirhut, also कमार kamāi and पंजीरा panjaura in North-East Tirhut. In the South-East it is पाला pānja or बोक्सा bojha, and in Patna and Gaya मंगनी mangni. वियोग biyaua to the west and इत dat to the east is the fee given to his wife for service as a midwife.
- 1197. The sweeper's (মিছুল্য mihtar) perquisite.—This also is অহিছানী kharihāni or ক্ষাহ kamāi in Shahabad. In the south-east it is a sweeper's and not the shoe-maker's wife who officiates as midwife. A sweeper in the south-east is ছাড়ী hāri, and his wife is ছাড়িন hārin. The fee paid her for her services is হল dat or হল মৌলনী dat bhojni.
- 1198. The perquisites of the village accountant (uzatt pat wāri) are many and various. In Patna and Gaya if the tenant's lands are नगरी nagdi he gets in Patna 21 sers per bigha, and in Gaya 121 sers per plough. This is called भाँगन mangan, and is his recognised salary. He also gets a fee of one pice in the rupee per annum for answering a raiyat's inquiries about his rent. This is called हुनताना huitana. If the land is भावली bhāoli he gets in the same district, in addition to the above, নাঁৰা nonicha (also in Shahabad নাৰিয়া nochiva) or "pluckings," which amount to the of a ser per maund. A similar fee is called बजकर balkat in Sāran. In Shahabad a village accountant gets in the case of नगरी nagdi lends a perquisite of } an anna in the rupee, called टकड़ी takhi. In the case of भावली bhāwli rents he gets } a ser or a ser per maund, the first being called असेरी aseri, and the second चेरी seri or चेरही serhi. In the case of a general clearance of rents he gets a present of 8 annas or a rupee, called परकतियावन pharkatiyāwan. In Tirhut this item is called परकाना pharkana or usani pharikana. In South Munger lands are principally नगरी nagdi, and the village accountant is a servant of the landlord and is paid by him, and gets nothing from the tenants. His pay is as follows. In the case of sugar nagdi tenures he gets a stins mangan of 5 sers per bigha. When the land is भावनी bhaoli he gets 21

ers per maund, and his pay is called द्विज्ञक माँगव dahiak mangan. He iso gets a प्रकाना pharkāna of one pice per rupee in the case of a clearance of accounts. In South Bhagalpur the tenant gives the accountant a नेग neg of 3½ sers per maund. In most districts he charges a pice for every rupee for which he grants a receipt. This is called generally रिस्ताना rasidāna or रिस्तान rasidāwan, also कवजाना kabjāna in East Tirhut. होती विलाइ holikhelāï or प्राचाही phaguāhi, रोजात प्राइ doāt pujāï, and द्राग प्राइ durga pujāï, are cesses levied by the accountant on the three main Kāyasth festivals of the Hindu year. The above are the usual amounts of his fees, but many of them vary from village to village.

## 1199. Perquisites of the weighman.—See § 914.

- 1200. The village watchman.—(गोइ त gorait, कोतवान kotwāl or (when a Government servant) चौकीदार chaukīdār) is sometimes paid by a grant of rent-free land (जागोर jāgīr), and hence he is called in South Munger जागोरदार jāgīrdār. When otherwise paid, his remuneration is called generally south of the Ganges चौकौदारी chaukīdāri. In the north-west it is खरिद्दानी kharihāni, in North-East Tirhut गोड़ तक मुद्र goraitak mūth, and in South-East Tirhut गोड़ तो goraiti. In Patna and Gaya he is sometimes paid in kind, and his fee is then called फिससाना phasilāna, and in Gaya also नाचा noncha.
- 1201. The perquisites of the landlord,—In addition to his rent, the following customary cesses may be noted:—गोआब goām in Patna, Gaya, and South Munger, ৰনুম্ব আ banhwaiya in South-West Shahabad, and nitra gohār generally, are personal services rendered to the landlord by the tenants en masse. इ जूमत hukumat or फरमाइस pharmāis are occasional demands of service or produce for special purposes. This in South Munger is called महत madat, and in South Bhagalpur इत्रमेती hakmaiti. His perquisite of milk from his tenants' cows is in South-West Shahabad द्वाव duhāo. Cesses paid on special occasions are generally called चलामी salāmi, but there are frequently special names. E.g., when a tenant's daughter is married, the landlord gets a fee called वियाहदानी biyahdani, मदियात sadiyat, मदियात sadiyat, or सहियाना sadiyana. In North-East Tirhut this is usually one rupee four annas at a girl's marriage, and ten annas at a boy's marriage, which is realised from every one except Brahmans, Kayasths, Rajputs, and Musalmans. In South-West Shahabad it is # इवच munitarion. In Tirhut and the east धिंगान dhingan is a fee paid

on the marriage of a daughter for the second time, and भोजनी bhoini is paid on the marriage for the first time of a boy or girl. The former cess is paid in cash, but the latter in kind; e.g. in rice, pulse, or clarified butter. For other cesses paid by cowherds, see § 1151. The help given by the tenant in ploughing the landlord's lands is still hari to the north and the west generally. To the east it is Eftet harihar, इरिहरा harihara, and हरीहरी harihari. Local names are सँगाहा sangāha in North-East Tirhut, Tatis harāi in Shahabad and South-West Tirhut, and Tetal harahi in Patna and Gaya. The presents given to the land. lord when he visits the village are বলামী salāmi or (in Shahabad বল-राना najrāna. His fee when a house is built or sold is चौड chauth generally north of the Ganges, and also in East Tirhut जर चौड jar chauth. In towns in Patna and South Munger it is चौधेया chauthaiva. and elsewhere simply सलामी salāmi. He collects cesses in the nature of a ground-rent from the resident artisans and traders in the village. These are called Hingui motarpha or Hinguis motherpha generally, को दियारी kothiyari in Champaran and Tirhut generally, and बस्ती basurhi in East Tirhut. South of the Ganges they are दुआती duanni, or (to the east) अब आव abuāb. In Patna and Gaya the former name represents a cess in the following description. 15 mans of grain, or thereabouts (according to village custom) is assumed (when rent is paid in kind) as the produce of one bigha. For each bigha (or 15 mans) thus calculated of the tenant's share of the crop, the landlord takes a cess of 2 anas. In the case of lands paying cash rates, the cess is levied at from 2 anas to 9 pice on each bigha of land held by the tenant  $\nabla \nabla p \bar{u} r$  is a fee of one rupee per loom paid by weavers. In South Munger TITI charsa is a cess paid by tanners. In North-East Tirhut केंग्राली keāli or किञ्चाली kiyāli (also बरहाना bardāna in Patna) is (or was) a transit-duty levied on cartmen for every load of grain they took. Sometimes it was levied at every place where they halted for the night. In the same tract the same name is also used for a tax levied on grain-sellers' weights. is called कौडी kauri in the north-west, and मिलनाइ चुटकी malikai chutki in South-East Tirhut. In Shahabad it is बयाई bayāi. In Gaya it is किराया kirāya, and the corn paid is माँगनी māngni. In the southeast तच्चणारी tahabjāri or तच्णारी tabjāri is a similar tax levied on shopkeepers.

1202. Rents are generally calculated in the old sicca rupee of Akbar, which are converted into current coin by adding exchange rates,

called बहा माल batta māl and बहा तम्मनी batta kampani. The batta māl is added direct to the rent in sicca rupees, and denotes the exchange rate between them and the Murshidabadi coin introduced in the year 1773. In 1835 the introduction of the Company's rupee,  $l_{...15}^{-1}$  of which equalled  $\frac{15}{16}$  of the Murshidabadi rupee, led to the imposition of a further rate of exchange, called batta kampani, which is calculated on and added to the rent calculated in siccā rupees plus the batta māl. Each of these rates of exchange is generally less than one anna per rupee.

- 1203. Dues given for religious purposes.—The first fruits given to Brahmans are विस्न पिरित bisun prit, and also (north of the Ganges) विस्न अन्य bisun ans. To the west they are अ n ั क ้ angañūñ or अभौ औं angauñāñ. On the other hand first fruits set apart for house-gods (भूमि गनेस bhūmi ganes) or penates are अभौ agaun, or (in Shahabad) चागवर agbar, and (in Champaran) रस्त्राहर rasuar. In South Munger three small heaps (ज़ही kuddi) are put aside on the threshing-floor. One is given to the Brahmans, and is called विसन पिरित bisun pirit; the second is given to the Aug mushar of the village, who is known as देहरी dehuri, and is called सहार sahār; and the third, called अभौ agaun, is set apart for the house-gods, and is consumed by the cultivator himself. In South-West Shahabad a small heap of grain is put aside for the village god (दिइवार dihwar). This is given to the village milkman (गोआइ goar), who performs the worship of the god, and it is called पिठार pithar. In South Munger बहरेया bahraiya, and generally बे हरी behri or बहरिया bahariya (all of which mean simply a subscription), are names for the subscription for the expenses of village worship and द्विया dahiak is a similar cess of 11, and सबया sawaiya of 11 seers per maund. The grain set aside for beggars (फकीर phakir) are known as How bhichchha or His bhikh amongst Hindus, and teal rasuli or फर्कराना phakirana amongst Musalmans. The सिन अन्य sub ans is the portion set aside for religious mendicants (सन्यासी sanyāsı).
- 1204. Miscellaneous.—पुर्वाता puraunta is the fee paid by the members of a marriage procession to any person who does any work for them. In North-West Shahabad 10 sers per plough are taken each by the washerman (धोवो dhobi) and the blacksmith (जीहार lohār). This is called जीरा jaura. In the same place खर्बन kharwan is an armful of crop given to each of the following:—the blacksmith, the carpenter (बढ़ी barhi), the barber (बीजा naua), and the washerman; and the क्या kera is a smaller bundle of crop given to each of the same four.

Again पुरो puri is three handfuls of crop given to the same four. In West Tirhut a similar cess is called पाल परिशे pāl paseri.

1205. In Shahabad, and also in South Bhagalpur, 47 ban is an allowance of one maund in twenty-one or twenty-five of crop given to the agricultural labourer. In South-West Shahabad the cowherd receives a certain share of the milk of the cows he grazes, which is called बारा bāra. In South Munger this is परीधा paraundha, and in South Bhagalpur परोधो parodho. Similarly अउवारा athwara (i.e. paid every eighth day) in Saran, पार par in North Tirhut, भाँज bhānj in West Tirhut, and पारा pāra or द्रिया duhiya in South Tirhut, is the milk given to the milkman as a fee for milking cows. चरवाडी charwāhi is a fee paid to the herdsman for herding. It is also चराइ charăï in Shahabad. चनामी salāmi or कमरखोनाइ kamarkholāi is the term applied to the presents made to or demanded by a police-officer or Government peon on entering a village, and the same terms are also applied to the presents made by the local police to the menial servants of magistrates and other high Government officials when in camp in their own district. In West Tirbut they are also called इनाम ाnām.

#### DIVISION IX.

# LAND TENURES.

#### CHAPTER I.—TENURES.

1206. The descriptions contained in this division do not pretend to be legal definitions of the tenures referred to. On the contrary, they are only to be taken as giving the popular ideas (always more or less indefinite) current among the villagers as to the nature of the tenures.

Land tenures may be divided into-

- (1) Proprietary tenures.
- (2) Tenures intermediate between proprietary and cultivating ones.
- (3) Cultivating tenures.

## CHAPTER II.—PROPRIETARY TENURES.

1207. (1) Revenue.paying tenures.—There are known every where as fastati jimidari. A very large landlord is, however, called a तालुकाहार tālukādār, and his tenure तालुकाहारी tālukādāri. This is the popular distinction in Bihar between the two names. Both tenures can be held in common and can be divided. When, in popular phraseology it is wished to name a tenure which cannot be held in severalty, but is owned by one heir, the other heirs being given villages or pargana. on which to subsist, it is called a राज raj. In a विभिदारी jimidāre (or तालकाहारो tālukādāri) tenure the whole land is held and managed in common. The property itself is called for Herri, or Hafaun milkivat if it is small, and atgent taluka if it is large. The rents with all other profits from the estate are thrown into a common stock, and after making the deductions to be noted further on the balance is divided among the proprietors according to a fixed law or share The deductions are the Government revenue and other expenses. generally मानगुजारी mālgujāri or The Government revenue is मलानारी malgujāri, also लाट lāt and रोख rol in Tirhut and to the east, and content khajana in North-East Tirhut. In Patna and Gaya it is also known as क्लारो kalatri. The other expenses are known as गाउँ खर्च gaiñ kharch generally, also गाँव के खर्च gānw ke kharch or गाँवगाँ खरच gawaiñyāñ kharch in Tirhut. In South-West Tirhut they are also साजीना खरच sīlīna kharch. In Gaya (and East Tirhut optionally) they are देही खरच dehi kharch, in Patna एखरागात ekhrājāt, and in South Munger गरही खरचा garhi kharcha. In South Bhagalpur they are बन्हखरचा bank-kharcha, which properly means embankment expenses.

- 1208. A landlord is जिमिदार jimidār or माजिक mālik; also sometimes सरकार sarkār. Local names are गाँव के टाक्कर gañw ke thākur in South-West Shahabad, and गाँचां gauñāñ generally in that district. When the tenure is held in joint property, the shareholders are called दिसादार hissedār, &c., see § 1214. The Government revenue is paid in by one of the body, called जमरदार lamardār in Sāran and मोखतार mokhtār in Tirhut and Patna. In Shahabad he is जमरदार lambardār. He is also known generally as तद्वसिजदार tahsildār, कारपदान kārpardāj, or मोखतियार mokhtiyār. In North-East Tirhut he is also known as तिपदार tipdār. The inferior proprietors are known as खरिद्दा माजिक khurdiha mālik north of Ganges, while south of the Ganges they are खरिद्या माजिक khurdiya mālik. In Patna they are known as जनवी दिसादार jujwi hissedār.
- 1209. (2) Free grants,—These are known generally as বিধিন birit, and the holder as বিধিনিছা biritiha or বিধিনহাহ biritdār. These are general terms, and amongst them may be mentioned the following:—
  - (a) Granted for religious purposes.—These are known generally as सङ्कल्प sanka/p, and are of different varieties such as ৰহমীৰহ barmotar, for the worship of Brahma ৰিম্ব দীৰ bishun prīt or ৰিম্ব অহ্যৰ bishun arpan, for the worship of Vishnu; सिबोतহ sibotar, for the worship of Siva; কিম্ব অহ্যৰ kishan arpan, for the worship of Krishna, and so on.
  - (b) নামাৰ jāgīr, নাৰেবান lākhrāj (rent free) or revenue free মাধী māphi, মিনই minhai (at reduced rent), or বিজ্ঞান khillat. These are properly grants for war-like services. They are also (especially নামাৰ jāgīr) applied to the free grants of land for services made to the potter (ক্সাৰাৰ kumhār), watchman (মাইন gorait), and other village servants.

- (c) A grant given to the family of a man killed in the Raja's service in open fight. This is HEEZ marwat in the west and HEEZ marauti to the east.
- (d) A বিহিন birit may be either acquired by purchase, when it is known as দ্বাহিনী kharidgi, or it may be given by favour, when it is called হ্ৰাম inām or হ্ৰামান ināmāt Local names in such a case are দ্বাহান khairāt in Shahabad, and ন্তাৰ্কন khaibakat in South Bhagalpur.
- (e) खोरिम khorish or मोकरी mokri (north of the Ganges), also पालक pālak (Sāran), other local names being खोराको khorāki or परवसती parwasti (South-East Tirhut and खानदान khandan (North-East Tirhut). This is an assignment by a rāja to a younger son or brother of a certain number of villages in the estate for subsistence for himself and his descendants for ever. On failure of descendants the grant reverts to the parent estate. This occurs in the cases of a rāj which cannot be divided.

## CHAPTER III-INTERMEDIATE TENURE.

- 1210. The principal intermediate tenure is that known as ठीकेदारी thikedāri, in which the holder (ठीकेदार thīkedār) contracts to hold the property at a fixed rental either for a certain term of years or until a sum of money (जर समन jar saman) advanced on usufructuary mortgage is repaid. In the former case it is also called खुसकी ठीका khuski thika, and in the latter पतीतन patautan in Shahabad, पटौंचा patauñan in the North-West and Tirhut, and generally सधीद्या पटौद्या sadhāua pataua. A mortgage lease is दजारा ijāra or जर पेसकी ठीका jar peshgi thīka. See § 1482.
- 1211. Among other intermediate tenures may be noticed the uননা patni tenures, which form the subject of special laws. They may be briefly described as estates created by a landlord by separating a portion of his estate and letting it in perpetuity at a fixed rent. Subdivisions of these tenures let on the same principle are called হ্যেন্না darpatni, and these last are sometimes again allotted into smaller portions, called হায়েনা sīpatni. The holder of patni lands is called a মুলনাহাত patnidār

- 1212. A tenure which may be either intermediate or cultivating, and which may be noticed here, is Hatel mokarari, or tenure in perpetuity at a fixed rent. In some parts of the country these are also popularly known as teach sikmi tenures, which usually mean under-tenures held by a cultivating raiyat.
- 1213. In Champāran चिकारी sikmi tenures are described as dependent proprietory taluks paying land revenue through the landlord who is responsible for it, and not into the Government Treasury direct. Concerning चिकारा sikmi rents in Gaya see §§ 1225, 1226.

#### CHAPTER IV.—SHARES AND SHARERS.

1214. A share in a village is free hissa and also (in Tirhut and the west) बहा bakhra. The subdivision of a village held by a proprietary body is known as पही patti or तखता takhta, also चोक thok north of the Ganges and TTE phat in Gaya. A shareholder is चिसा हार hissedar or सरिकहार sarikdar; also बखादार bakhardar to the west, users patidar in Tirhut. The proprietor of a half share is called अधिया adhiya north of the Ganges, and आधेंआध ādheādh in South-West Shahabad. The inferior shareholders are called खादिहा khurdiha, &c., as described in Chapter II. पटटी patte is also used to mean the principal share in a village, which may contain several team sikmi or subordinate shares. The shares of a brotherhood are wate bhaibant generally, or in Patna and South Munger भेया बाँट bhaiya bant. In the west they are also भेवध bhaiwadh. A father's share is aufe bapans, also aufe baphans in Saran, auti in North-East Tirhut, and sel juddi in West Tirbut. An elder brother's share (which according to popular belief was larger than the share of the younger brothers before the institution of the English law courts) is ভাতৰ jethans, also ভাতহৰৰ jeihhane in Saran, and in North-East Tirhut watat (not watet) jethauti. The Government revenue is HIGHTST mālgujāri, &c., as described in Chapter II. The half-yearly instalment is known as अध्यक्त adhkhar or अध्वत् adhkar north of the Ganges, also as अप्रतिया athaniya or अटझी athanni generally. In South Bhagalpur it is अधकड face adhkar kist. The distribution of the revenue over the sharers in villages held by a brotherhood is in South-West Shahabad Ht bher. Elsewhere a periphrasis is used, such as free uteri hiesa patidari.

A proprietor by purchase is खरिदार hharidar, and also (north of the Ganges) बेदार baidar.

## CHAPTER V. -CULTIVATING TENURES.

- 1215. A cultivator is known as अवासी asāmi, रेयत raiyat परना parja, or कास्तकार kāstkār. In Patna he is also पोते सार potedar. A tenant with rights of occupancy is मौर्ची maurusi (literally, hereditary) or कहोसी kadimi (ancient), also देही dehi (resident) in Patna and Gaya, and जहरो jaddi (ancestral) in Shahabad. A tenant at fixed rates is स्वास्तारो istamrāri, but this distinction is little observed. Hardly any cultivators, and very few landlords, know the difference between a tenant at fixed rates and one with a right of occupancy. A cultivator without rights of occupancy is known as गर मौर्ची gair maurūsivalso as पाही pāhi (literally, foreign or non resident) in Patna and Gaya, and खरिस्मी kharidgi (literally, acquiring by purchase) in Shahabad. In North-East Tirhut he is हाल उपार्शित hāl upārjit (newly created). These names are interesting as showing what cultivators themselves consider to constitute a non-occupancy tenant.
- 1216. In Shahabad, especially along the south bank of the Ganges there is a class of tenants called neutric gudashtādār or neutric gudashtādār. They are generally Rajpūts and Brahmans whose ancestors conquered the country, and who, while serving under the landlords, for whom they were always ready to fight, were considered entitled to a privileged position. A neutric gudashta or neutric gudasta tenure is held at a rent fixed for ever, and is alienable without the consent of the landlord. It is, in fact, a freehold subject to a rent charge. The holders seldom sublet, and are a body of peasant proprietors, very prosperous as compared with other tenants, and furnishing thousands of recruits to the army. Another similar tenure is known as men gora. In this the rent is fixed for ever in a holding with specified boundaries, without reference to the quantity of land. The rent is not variable even if the land be found to be more or less than the quantity roughly estimated at the original settlement. It is alienable without consent of the landlord.
- 1217. In some estates there is a kind of head tenant, who acts as an intermediary between the proprietor and the cultivator. He collects the rent and receives in return some petty privileges and immunities. He is known generally as ATT mahton, and in

<sup>•</sup> This point of fixed rents is denied by some landlords.

Patna and Gaya as महतीन्त्राहा mahtoāra. In Sāran he is also known as दिपदार tipdar, in North-East Tirhut as मोकदम mokadam, and in South Bhagalpur मॅड्र mañrar. Generally, however, the head tenant is called जंडरैयत jethraiyat, and he usually performs the above duties. The high-caste cultivators are known as असराप asrāph, local names being सरफा surpha in Patna, सरफान surphān in Gaya, and बह अहमी bar admi north of the Ganges. In South Bhagalpur, the quarter of the village where such live is called again babutola. The remission of rent for such high-class tenants is High maphi generally north of the Ganges, also इटरी chhutti or कमसरे kamsare in East Tirbut, In South-West Shahabad and Gaya and South Munger it is रेखारत reaet, in the rest of Shahabad मरी अतो marauati, in Patna कमी kami, इनाम inām, or इलाम ilām, and in South Bhagalpur माप māph. The low-caste tenants are known as राड् जाति rār jāti, नीच nāch, or क्रोट जोग chhot log. They are also known as रजील rajīl in South-West Shababad, कमीना kamina in the rest of that district, राष्ट्र भोड़ rar bhor in South Bhagalpur, सोलक्ष solkanh in Tirhut, and रैयान raiyan in Gaya. A proverb about them is-

## कारण किकू वेलें देलें वरहमन खियोलें। धान पान पनियोलें खी राष्ट्र जाति जतियोलें ॥

Kāeth kichhu leleñ deleñ, Barahman khiyauleñ.
Dhān pān paniyauleñ, au rār jāti latiyauleñ.

—A Kāyasth does what you want on payment, a Brāhman on being fed, paddy and betel on being watered, but a low-caste man on being kicked.

1218. Cultivators may also be divided into resident and non-resident. The resident cultivator is स्पान्स chaparband, also स्वितां in North-East Tirhut, देही dehi in Patna and Gaya, and नारोबस būri bast in the south-east. A non-resident cultivator is पाही कास pāhi kāst or पाही pāhi (foreign), a word frequently confounded with पाई pāi (literally, a foot; hence used to mean an under-tenant). The word पाई pāī has almost fallen out of use now, but it is still understood, and has led to much confusion in laws and treatises on the rent-law, rendering it possible that the rights and liabilities of the under-tenant have been transferred to the non-resident cultivator. In South Bhagalpur the non-resident cultivator is known as पेहार paihār. The होहट dohat or होहटा dohta cultivator differs from the पाही pāhi cultivator in that he keeps up two establishments and cultivates in two different villages, while the पाही pāhi cultivator does so only in one.

1219. Below the ordinary cultivator there is sometimes an under-tenant, who is known as विज्ञा sikmi or ज्ञायोजी kurthauli, also as पेटाबाला petāwāla in the north-west and कोलिएती खबामी koliaiti asāmi in East Tirhut. It is said that to the south-east in the case of a ज्ञायोजी kurthauli tenure the rent of the under-tenant is fixed at a money rate, but is paid in grain at the market rate of the grain at the time of payment. Elsewhere the rent of under-tenures is generally paid in kind.

### CHAPTER VI.-RENTS.

- 1220. Rent is जगान lagān. North of the Ganges and in South-East Bihar it is also पोता pota, with an optional variant पोत pot in South-East Tirhut; another name current north of the Ganges is मजगुजारी malgujāri. Rent rates are दर dar, सरे sare, or सर्घ sarah; also दरबन्दो darbandi or सर्घनन्दो sarahbandi. चुकौन्मा chukana north of the Ganges is rent payable at a fixed rate.
- 1221. Rent paid in cash is known as माल māl, and that paid in kind as रावा. When rents are paid in cash, the tenure is known as नारो nagdi, and also in East Tirhut as खाप khāp. When paid in kind, it is known as मनस्य mankhap or भावती bhāoli. In मनस्य mankhap or भावती bhāoli. In मनस्य mankhap or भावती manthīka, ह्या hunda or भावती munhunda, the rent is a fixed quantity of grain paid as rent, irrespective of the proportion it bears to the whole crop. This custom is current principally in Tirhut and Champāran. In Patna it is called मनी बन्दोबल mani bandobast, and a variety in which a certain number of maunds of cleaned rice per bighā is taken as rent is known as चौराहा chaurāha. These tenures are principally adopted by landlords when letting their जियात jirāt or home-farm lands. In भावती bhāoli a certain fixed proportion of the whole crop is taken by the landlord. This division is called बटाइ batāï, &c., and a full description will be found in §§ 902 and ff.
  - 1222. A tenure which has been noted in Patna is the state hastbūdī, derived from the Persian hast, 'is,' and  $b\bar{u}d$ , 'was,' and which means literally 'the-is-and-the-was tenure.' In this the rate of rent is fixed at so much per bigha, but rent is only charged for so much area as is actually bearing crops at the time of harvest. Thus, suppose a piece of land measuring one bigha is cultivated, but for some reason

(such as inundation, destruction by insects, &c.) the area of land actually under crops when ready for harvest is found to be 16 kathas, then the rent of four kathas is remitted and the rent for 16 kathas only is demanded. It thus closely resembles the utbandi tenure of Bengal. Compare § 1229.

- 1223. The restant hāl hāsilī tenures also exist in Patna and Gaya. In these the cash rent is determined on the spot after inspection of the existing crops on the land. In Gaya the landlord contracts with a thīkadār for a fixed sum in cash in exchange for the landlord's share of the produce of a bhāoli village. The amount is fixed anew, and there is a new Thīkedār, for every crop. A very similar tenure is known as anaz balkat. In this the landlord's men, accompanied by the tenant, inspect the crops when ready for harvest, and fix a cash rent by estimating roughly the quantity of produce and its value.
- 1224. A peculiar tenure, which is principally adopted in lands which are generally subject to inundation, is known as site jaidādi. It is also adopted where the land is extremely bad and the prospect of a crop is uncertain. The principle is that the full rent agreed upon is paid on the land in any year in which any crops whatever (however small) is grown upon it. In any year in which no crop is produced upon it, no rent is paid.
- 1225. The tenures\* and rent system in the district of Gaya are worth noting. Four-fifths of the cultivated lands are let on the भावनी bhāoli system, as has been described in sections 902 and following. In the lands held on the नगरी nagdi system the rent conditions are somewhat peculiar. The nagdi tenure is of two descriptions,—सिनामी sikmi or चिनामी shikmi, and चिनाम chikath or चनाम chakath.
- 1226. A furth shikmi tenure is described by Babu Bhup Sen Singh as that under which the landlord has not any power of enhancement, irrespective of the period for which the tenant might have been in possession. The money-rent is not fixed upon the land, but upon the crops actually grown, varying with the nature of the soil and the class of tenants, whether, high caste (Turn surphan) or low caste (Turn raiyan), the former having a

<sup>\*</sup> Concerning the tenures in Gaya, I have to acknowledge my indebtedness to an admirable note prepared by Babu Bhup Sen Singh, Government Pleader of that district.

lower rate to pay than the latter. The lands generally under this tenure are the डिइर्डेंस dihans lands, or the best land lying on the borders of the inhabited portion of the village (see § 784), and the crop grown thereon pays a higher money rent than the same crops grown on fields more distant from the village site. The same shikmi field also pays a rent varying with the crop. Thus if a Brahman tenant planted it with opium poppy in one year and with an ordinary spring crop next year, he would pay a higher rate of rent the first year than the second: while a low-caste tenant would have to pay for both of them a higher rent than the Brahman. Every tenant in a village has a fixed quantity of shikmi land partly at the higher and partly at the lower crop rate. If the tenant grows opium poppy upon a bhao li and not a shikmi field he pays for one harvest bhāoli rent, and is liable also to pay negdi rent for the poppy at the rate fixed in the village for the particular class of tenants to which he belongs for poppy grown under such circumstances. According, however, to other authorities the rate of rent of these shikmi tenures is unalterable, but an extra rate or cess of so much per bigha is put on when special crops, such as opium or sugar-cane. are grown, and is taken off again when these special crops cease to be grown. Compare § 1231.

- 1227. The teas chikath or teas chakath tenure is, according to Bābu Bhūp Sen Singh, a temporary settlement of waste or uncultivated but culturable lands for limited terms of years, at nominal rents, for the purpose of reclaiming them or bringing them under cultivation. This tenure is governed by the terms of the contract between the parties. If one term be not sufficient to render the lands fit for proper cultivation, the settlement is renewed from time to time till they become capable of yielding full crops. They are then settled as bhāoli or shikmi lands, according to their quality. In chikuth lands no right of occupancy accrues by custom, and the rent is capable of enhancement on the expiry of the term of the settlement.
- 1228. According to Bābu Bhūp Sen Singh when a summer or ভারুৱা jethua crop is grown on bhāoti land, an additional rate of 20 annas per bigha is charged as rent, the local bigha equalling 21 Bengal bighas.
- 1229. In South-West Shahabad, when in rice lands, the tenant pays only for the land under rice, and not for any land which may be fallow, the phrase ভাষনী ঘানী uthii parti is used. Compare § 1222.

- 1230. A remission of rent on account of deficient produce is साम māph north of the Ganges, and also छुटती chhutti in East Tirhut. South of the Ganges it is नाव इ nābūd, or, when made on account of inundation, गाकी garki.
- 1231. Special crops, such as tobacco or poppy, on which special extra money rents are assessed, are known as चवरी jabdi or चपती japti. Cf. § 1226.
- 1232. Of the spontaneous produce of a village, बनकर bankar is the produce from forest land, wood, gums, &c. In Shahabad it is also called बन इन्योकी ban chhioli. जनकर jalkar is the produce derived from lakes, streams, &c.; and फलकर phalkar is the produce of fruit. सिकार माही sikār māhi to the west is fishing rights.
- 1233. Fields situated in one village and included in the area of, and belonging to the proprietors of another village, are called মানবাৰ motalke, or (in North-East Tirhut) বালুকা tāluka.



The house of a well to do cultivator on the banks of the Ganges in Patna.

## THE NATIVE HOUSE.

### CHAPTER I.—THE NATIVE HOUSE.

1234. A house is মন্ত্ৰ makan or বৰ ghar. Local variants of the latter are (गरही girhi in Gaya and Saran, चौर ghaur in South-East Tirbut, घरा ghara in South Munger, and ग्रिही gribi, घरा ghara, or घरी gharo in South Bhagalpur. A name current in Shahabad is वखरी bakhri An enclosure containing several houses is north of the Ganges ছব জী haweli or इवेलो habeli, and south of it द्वाता hata. South of the Ganges and in Saran इवे जो haweli or इवेजो habeli generally means the female apartments. A palace is ulter dhaurahar or uter dharhar, as in the proverb स्ती खड़ तर, सपनाइ धरहर suti khar tar sapanai dharhar,he sleeps on grass and dreams of palaces. A hut is कॉपड़ा jhompra or भौपड़ी jhompri, खाँप khomp, खाँपड़ा khompra, खाँपड़ी khompri, or पसानी palani, कुटी kūti or कुटी kutti is the hut of a religious mendicant (फ्क्रोर phakir). Other names used north of the Ganges are मठ math generally, and मिटिया mathiya to the west, अश्वास asthal to the north-east, and जाह jagah or अखरहा akhraha to the south-east मरे marai, भेड़रे mañraī, or मर्दे maraī, is a grass hut, and मांडो mānro, &c., (see section 1307) is the hut in which a marriage ceremony is conducted. A little hovel or hut is north of the Ganges गो(इया gohiya. South of the Ganges it is in Patna and Gaya मह्ना maruka or कृता kūrha, in Shahabad टाटी tāti or बरहीचर barhaughar, and in South Bhagalpur टाको dhāko or मोरका morka. चिरको sirki is a hut or tent made of reeds, as in the proverb सिरशी एक इंसन्डितानि, ताडि बेर में खारल पानि, सिरको उठावैक रहल ना बेरा, आगू नाथ न पाछु पगहा sirki ek delanhi tani, tahi ber mañ ael pani, sirki uthabaik rahal na bera, agu nāth na pāchhu pagha,—he pitched his hovel and it began to rain, nor could he get an opportunity for striking it; he was (like an ass) without nose-ring or tether. A ruined house or enclosure is sta dih or dest khañrhar. A hut in the forest is north of the Ganges पाना pajha, and

88 R. & J.

south of it चच्च धर chanchar ghar in Gaya, चांचवला घर chānchwāla ghar in South Bhagalpur, टटघर tatghar in South Munger, and मा की marhhi in South Bhagalpur.

- 1235. Straw huts used by the poor are टरोबर tataughar north of the Ganges, and काहो पोस kāhi pos south of it. In Shahabad they are also called रोचरा dochra, and in South Bhagalpur खरो घर kharo ghar. They are also very generally known as पूस के घर phūs ke ghar over the whole Bihar tract. A masonry house is पका pakka or पोखता pokhta. When built of stone it is celled in Shahabad चाँस्नो chāndni. When built partly of bricks and partly of mud, it is कचा पका kachcha pakka or कचा पका kancha pakka. In Shahabad it is, however, कंचा kancha or काँचा kāncha. A house built entirely of mud is कचा kachcha; it is also to the west खास khām, and to the east भीत घर bhīt ghar.
- 1236. When a house has three openings, it is तिनद्रा tindara or सेद्रा sedra; with twelve openings, it is ब्रद्री bardari or ब्रह्मी barahdari. But these terms are not much used except south of the Ganges, from and including Patna westwards. A house provided with lattices is जासदार jāldār or जालोदार jālādar. A house with nine apartments is in Patna and Shahabad नौरतन nauratan. Rooms in a native house are generally nine cubits long by five cubits wide. Such rooms are called नौपसम naupancham. बासा bāsa or द्रा dera is a dwelling or lodging-house, and विजयत khilwat a house used as a private chapel by Musalmans.

## CHAPTER II.—PARTS OF A HOUSE.

- 1237. The courtyard.—This is आँगन angan, अंगने angani, or (principally in Patna and Gaya) अंगना angana; also in South Munger एंगना engana. In South-East Tirhut it is also called देश dera. The space in front of a house is अग्रचार aguār or अग्रचारा aguāra; also आग्रास agwās in Shahabad, अग्रासी āgutti in Patna and Sāran, and अग्रासी aguāni in Patna and the south-east. The space behind it is पिक्षार pichhuār or (generally in the oblique cases) पिक्षारा pichhuāra, or to the west पक्षार pachhuār or (generally in the oblique cases) पक्षारा pachhuāra. It is also पिक्षा pichhut to the west, पिक्षार pichhutti in Patna and Sāran, and पिक्षानी pichhuāni in Patna and the south-east.
- 1238. The vestibule or outer entrance room.—This is বুৰাহ duār or হাজাৰ doār generally. It is also হয় dūra north of the Ganges,

and दुहारी duhāri or इन्निश्चित duariya in Patna and Gaya. Another name current in Patna and the east is इन्हा dehari.

- 1239. The inner entrance room.—This is the room in which the men of the family sit and meet outsiders. It is called इलान dalān. It is also named रागइ dogāh in South-West Shahabad and रशेखा darokha north of the Ganges. In Patna रागाइ dogāh means a cattle shed. In North-West Bihar इमृ इं dumunhān is a somewhat similar room, but opening both to the outer world and to the inner apartments. A sitting-room generally is बेउका baithka.
- 1240. The upper storey.—This is কীৱা kotha, or in the south west पহৰুষা patahuāñ.
- 1241. The under-ground storey.—This is বজাৰা takhāna or বছষাৰা tahkhāna. Other optional names are মুখাৰা bhunjabra or বছো tarahra in Patna, Gaya, and the south-east.
- 1242. The veranda.—This is ओसारा osāra or घोषरा osra, with variants ओसारी osāri in South-West Shahabad, उसरा usra in Gaya and ओसरो osro in South Bhagalpur. It is also called सार्वान sāðbān, and in Shahabad ঢावा dhāba.
- 1243. The sitting-platform.—This is चौतरा chautra generally Other optional names are चनुतरा chabutra and रागडा pinda in Patna and the south-east, and ओटा ota, in Patna, Gaya, and Saran.
- 1244. The roof.—The roof or ceiling is छ्त chhat. It is also छात chhāt south of the Ganges, छता chhāta in Gaya, and छाता chhāta in South Bhagalpur. A thatched roof is छाउनि chhāuni, छोना chauni, छाउड chhānh, छान्हों chhānhi, or छन्छिया chanhiya in North-West and South Bihār. It is also generally छापर chhappar, with an optional variant छपरी chhapri in the south-west Another name current in Tirhut is चार chār. If it is a simple thatch without tiles, it is specially called उट thāt. A thatcher is घरामी gharāni or छोनिहार chhaunihār north of the Ganges, and his work is छाउनि chhāüni. In Patna and Gaya he is स्विद्यार sutihār, and to the south-east घर छिर्चा ghar chhariya.
- 1245. When a thatch is only a "lean-to" on one wall, it is known as unufully ekpaliza to the west. In Tithut it is unuful ekchāri, and to the south-west unuful ekchhāra. In Patna, Gaya, and (optionally) the south-west it is unaut ekchhāra. It is rests on both walls with a ridge pole in the middle, it is unuful dopuliza to the west and unuful dochāra in Champāran and to the east. In Patna

it is पतानी palāni, and in Gaya and (optionally) South Munger दोह्या dochhapra. In Shahabad another name current is दोचरा dochra. A roof comp sed of four traingular thatches meeting in a point at the top is called चौपार chaupār. When there are more than one thatch in a roof, each thatch is called परका pharka or पह्या palla. Also in the case of two thatches the front one is called north of the Ganges चान के उन्ह agūt ke thāt, and the rear one पह्या के उन्ह pachhūt ke thāt. The thatching along the ridge is कोचानी kochāni, or in Gaya दोगा doga. A small thatch put on the top of a wall to save it from rain is परहत्ती parchhatti or उपरहत्ती uparchhatti north of the Ganges, and south of it परहत्ती parchhatti (with a soft t). Other local names are होनी chhauni (North-East Tirbut), हपरी chhapri (Tirbut generally), and पनहत्ती panchhatti in Patna.

- 1246. To rethatch a roof is जोतव otab or नौडट करव nauthat karab. The yearly repairs to a tiled roof are फेरोंटो pheraunti in the south-west, and elsewhere खपरा फेरव khapra pherab. The grass put on a roof to make it water-tight is फटकन phatkan in Sāran, छावन chhāban in Champāran, and छोनी chhauni or तरेरा tarera in Patna, Gaya, and the southwest. In Tirhut it is छर्म chharan, and in the south-east छार्न chhāran. Mud used for the same purpose is फिलावा gilāwa. The repairs to a tiled roof which leaks are चूकाना मार्व chūana mārab in South-West Shahabad, टोइया toiya in the rest of that cistrict, टिपकारो tipk iri in Gaya, and टपका मार्व tapka mārab in Patna.
- 1247. The fireplace. -- This is হুলহা chālha generally, local variants being বুৰন্থ chālha in Shahabad, বুৰন্ধ chālhi in South-East Tirhut, and पुरुष्टो chhālho in South Bhagalpur. In East Tirhut पूरुष्ट chālh is a fireplace with two crifices, and anteg kaulha one with one. In South-West Tirhut this last is called एकोरुहा ekaulha. The mouth of the fireplace is called सुँ muñh, or sometimes दुआर duār south of the Ganges. In North-East Tirhut (THILL chinmar is the raised earth platform on which the fireplace is made, and on which food is cooked, while that chauka is the similar platform smoothed for a Hindu to eat from. थीना thauna to the west is a raised platform on either side of the fireplace for receiving post for straining off rice-water. When the ground is simply smoothed for eating from, it is called **set** thahar. or in East Tirbut टाँव thānw. आश or आड़ा āra is a cupboard in the wall at a man's height from the ground, in which cooking-pots are placed at बारसी borsi is the moveable fireplace used by jewellers and by llagers (especially females) to warm themselves in winter. In North-

East Tirhut it is बोर्स boras. घर ghūr is a hole dug in the ground filled with straw and sweepings and lighted in the evening as a fire to warm oneself at. It is also called कौर or काइ krur in the west.\* The iron or earthen moveable fireplace is सँगेटी angaithi. A similar one used by jewellers is सँगेटा angaitha. An earthen pot for holding fire is in Gaya सटपर matpar, and in Shahabad संदूर mentahar or पौड़ा paura.

- 1248. The holes on the top of the fireplace, on which the pots are placed, are called आँको ānchhi or आँक्या anchhiya; also in South-West Shahabad ऐला aila. They are also called चुडिया chulhiya in East Tirhut. When there are places for four pots, it is known as a चरें क्या चुडा charanchhia chūlha, or in South-West Shahabad as a चरें ला चुडा charanla chulha. The partitions between the holes are पूता pūtu, पुत्ता putta, or पुत्तो putti. Also पुत्तो pusti in South-East Tirhut, and पुत्तया putiya in South Munger. The cooking-house is amongst Musalmans वर्षाचाचा babarchi khāna; amongst Hindus it is रखेदया घर rasoiya ghar; also भनसा घर bhansa ghar in Patna and the east. In East Tirhut it is भागस घर bhānds ghar. The portion of the cooking-room set apart by a partition for cooking purposes only is called चुडानो chulhāni or चुडानो chuhāni, The other portion is known as माँभ घर mānih ghar in Saran and South-West Tirhut, as भाँद घर manh ghar in Shahabad, and as खीनशे khaunahi in North-East Tirhut.
- 1249. The door.—A doorway is दुशार duār, दोशार doār, दुशारी duarī, दरवाना, darwāja, दरवाना darwojia or (in Patna, Gaya, and the south-east) दरीना darauja. A door is केंबाड़ी keñwāri, or in East Tirhut केंबाड़ kewār, केंबाड़ो keñwārī, केंबाड़ keñwārī. The main doorway is सद्र दरवाना sadar darwāja; also निक्सार niksār to the west, and निकास nikās in East Tirhut. In South-East Bihār it is सम ख दरोना samukh daroja. A gate is साटक phātak. A side door or window with lattices is खिरकी khirki; also दर ची daranchi in Patna and Gaya भवेशि bhawānī to the west and in West Tirhut, में भरा bhambhrā in East Tirhut, and to the west दरीने darinchi, is a hole pierced in a wall to give light and air. In South Munger it is समर्ग bhamra, and in South Bhagalpur मोरा bhoñra. In Patna and Gaya it is सावदान tābdan. मका mukka or मोका monka, and in Champaran अधारी andhāri, is an earthen pot fixed in the wall for holding pice, &c. The leaves of the door are

<sup>\*</sup> Compare the proverb चा चा चित्र चुताब ghar jarainhi ghur butaw,—when his house is on fire he puts out the ghur, i.e. in many difficulties he grapple with the least.

पक्षा palla, or in Shahabad पाला pāla, and the strip of wood nailed on one leaf to cover the chink is बेनी beni or बेनियां beniyān. In South Bhagalpur this latter is बेना bena. The cross-pieces across the leaf of the door to hold the boards composing it together are बाता bāta or बना batta. There are generally four of them.

1250. The door-frame is that chaukath. The top bar or lintel of this is उपरोटा uprautha or (in Tirhut) क्वात chhāt. The bottom bar or threshold is लतमरा latmara, खतमरवा latmarwa. or लतखोरा latkhora Sometimes a second outer door-frame is added for the sake of ornament This is called साइ sah or इसीही dasaurhi, and such a double doorframe is said to be दोहरा dohara or साहवाला sāhwāla or द्वीत चौकट dasaurhi chaukath. In contradistinction from this, the single doorway is साहा sāda or एक हरा ekahra. The pivot used as a hinge is चूर chūr or (in Patna चुल chul). In South-West Shahabad it is चूढ़ churh. A similar kind of hinge is in Gaya भागकौट jhankaut. The wooden bar used for fastening the door is fast killi, and also (to the extreme west) आगर agar, आगल agal, or आगरी agri. In South-West Shah bad it is ECI dand i. A short bar fastened by a pin to, and revol ing on, one leaf of the door, and falling on a nail fixed on the other leaf, is बिली billi or विलेया bilaiva. The nail is called मकरी makri. A European door bolt is क्टिकनी chhitkani or क्टिकिनी chhitkini. The heavy door-bar sliding back into a recess in the wall is बेंड benr or बेंड्रा benra. South of the Ganges the टॅकी dhenki, or in Shahabad tan dhenka, and in the south-west of that district 3 at thekuri, is a perpendicular bar sliding down from a recess in the top of the door-frame. ঘাৰা gharka (in South Munger) is a kind of bolt. The door-lo k is ताला, tālo and the key ज़ुन्जी kunji, चाभी chābhi, or छोरीना chhorauna. The bolt of the lock is इरका barka or (in Shahabad भार jhar. In South Bhagalpur द्वास harka also means a piece of wood fastening the two door planks behind. When a screen or hurdle, which is ZIZI tati or ZZI tatti (to the west) BZI thatar, is used for a door the spar that supports it inside is a benr or a st benra. In Tirhut it is also बेराडी berāthi, बराडी barāthi, or (to the east) बेनाडी benāthi. South-East Bihar it is ৰ ভাষো benrathi or অভ্ৰভ arkhar, and in South-West Shahabad a att benwra. The straw buffers tied along the two door-posts, against which the edges of the hurdle rest, are His mokh or Hiai mokha.

1251. The wall.—A wall is दिवार diwār or भीत bhīt. Sometimes the Hindi forms दीवाल dīwāl or देवाल dewāl are used. The foundations

are নৰ meo, and also in Patna and the south-east হাৰা dāwa. The straw mixed with earth for building a mud wall is पाचर pāchar, or in Sāran ङाजन  $\bar{a}/an$ . The lumps of damp mud used in building a wall are जींदा londa or घाँचा dhondha in Patna, Gaya, and to the west. To the east they are गाँदो gondi; also चेपो chepi in Champaran, चन्नो chakki in East Tirhut: and लींदो londi in South-East Tirhut. In South Tirhut another name is जोइया loiya, and in West Tirhut चेकी cheki. The stages in which it is built are रहा radda or रादा rada, and also optionally पींड़ pinr in Saran. In Saran रहा ratda is the pice of the stage which being the width of the wall, is finished b fore commencing the next piece. The top of a wall is भौता bhīta north of the Ganges, and भीत bhīt south of it; also माँच manth in South-West Tirhut, and मचनी mathni in East Tirhut. The plank over the top of a doorway on which the wall is built is भार्ति bharanth, मरेड bhareth, भरेड bharaith, or भारतड bharnath. In Gaya it is भरना bharna, and in Patna पटदेहल patdehal, of which a local variant in Saran is पटई र patdehar. To the east it is also भागकट jhankat. If this plank is not equal in width to the wall, two or more are laid side by side. Then the plank in which the top pivot of the leaf of the door moves is गरहानक gardānak, or in Champaran उपरौंटा upraunta, and the others are called भरेड bhareth, &c. An arched recess in the wall over this plank, and serving as a cupboard, is gill duraundh or gillut duraundha, or in East Tirlut क्रात chhā/. The gableend wall of a house is पाखा pākha, or in Shababad पाख pākh. In North-East Tirhut, however, it is चनमार chanmār, and in Gaya and South-East Bihar क्वेटा kaneta.

1252. The eaves.—These are जाजनी oli generally, also जोरी ori to the north and west. Another name current in the west is जोरियानी oriyāni. In Gaya and the south-eas they are जारी agri, and there and in the south-east जोहारी ohari. The edge of the eave, which is finished off with a board or with a kind of long straw or reed wisp, is known as मोहचबत muhabbat; also as पर्नोइड posaunrar in North-West Tirhut, पंचाईड pansrauñr in Champāran, and पित्रजार paniāgār in North-East Tirhut. The last three words are also used to mean the long bamboo which supports the eave along its lower edge. The pieces of wood let into the wall to support this are दे तजा terua generally, and तड़क tarak in North East Tirhut. In Shahabad they are also called मज्जा marua. The slope of the roof is तारन tāran to the west and गाइ garah to the east; also गाइगा garahgar in North-East Tirhut and तानार tarangar in Champaran. The raised ground under the eaves is in Gaya जारी asthi.

- 1253. The cupboard.—This is ताखा tākha or ताख takh. A wall-bracket for lamps is दिसाख diarakh or दिसाखा diarkha; also देखर dekhar or देखरा dekhra in South-West Shahabad, धारखा dhorkha in Patna and Gaya, and भरखा dharkha in Gaya and South Munger. In North-East Tirhut it is चनका chakka, and in South-East Tirhut चिर्का ehirakdan. In North-East Tirhut खरिकोता kharikauta is a hole in the wall for keeping tooth-piess. In South-West Bihar and Gaya this is भड़को bhurki or खरकोटी kharkoti. मुका mukka, &c. (see § 1249), is an earthen pot fixed in the wall and used for holding pice, &c.
- 1254. The men's and women's quarters, &c.—The men's quarters are मरदाना mardāna, and also मरदाना mardāni. Other terms used are दलान dalān, दरवाना darwaja, or दरोना darauja, दुखार duār, and (south-east) वंगला bangla. The women's quarters are खन्दरात andarāt, जनाना किता janānā kita, or हवेलो habeli. To the east they are also called देश dera, and (in North-East Tirhut) खंगना angna. The part between the two is देखी deurhi or (south-west) देखी deurhi. This word is often used to signify a whole house, especially that of some great person, i.e., equivalent to 'palice.' The outer room is also यहर घरा bahar ghara or (South-East Tirhut) वन घरा ban ghara.

# CHAPTER III.—MATERIALS USED IN THE CONSTRUCTION OF THE HOUSE.

- 1255. Building materials are अमना amla or साँगह sāngah, or to the south-east साँग sanga.
- 1256. The posts and beams.—The wooden pillars supporting the roof are खम्भा khambha, खम्भी khambhi, खम्भा khambhiya, or खम् द्विया khamhiya. Another name current to the west and in South Tirbut is चुम् द्वी thumhi or चुम् द्वी thūmhīñ. In North-East Tirbut another name is उच्चद् uchwar. In South Bhagalpur we find खम् द्वां khamhāñ, and in South Munger खम् द्वा khāmhi. Sometimes to support the ridge-pole a cross-beam runs across from well to wall, and on its centre stands a pillar, on the top of which the ridge-pole rests. This pillar is also supported by two struts running obliquely from the beam and meeting it half-way up. This beam is called धर्च dharan, the pillar is called मिन्द्रियम द manikthamh or मिन्द्रियम मा malikthambh or (in Shahabad) also कोरी kauri, and the props are called पद्धा pankhi or in Champāran खपदा sipwa. When this is found too expensive, two struts run up from opposite walls, and cross

each other just under the ridge-pole, which rests on their upper angle The struts are called भितमेड़ा bhithbhera, घड़ महां ghormuhān, or केंची kainchi to the west. Other names for similar supports are इटका hatka and गोडिया goriyo in Shanabad, कांचल kaual in Patna, Gaya, and South-East Tirhut, कहें kahui in South-West Shahabad, घड़ सहा ghorsaha or घड़ा ghori in Champāran and Nort-West Tirhut, केंच kainch in the east generally, and राज gainch in South Bhagalpur. The ट क्या terua (or in South-East Tirhut कलावहा kulandra) is a strut running out from a wall to support the eaves. पाया pāya is an earthen pillar for supporting the roof.

- 1257. The ridge-pole is use to barenr or use to barenri, also with larhi in Champāran and the south-west, and nathi in North-West Tirhut. All the beams of the thatch cross each other over this the upper angle of the cross, is filled in with grass, and the whole is tied up tightly. This filling in is called unit mangri. The sloping ridge-pole down a corner where two thatches meet is called use tarak. A beam running horizontally the length of the thatch along the centre, each end resting on the slope of a gable, is called unitarial kamarballa, also use par in North-East Tirhut. A lean-to thatch forming the roof of a verandah is supported on a series of struts projecting from the wall, which are called and terua, until māla and malwa. He ut or unatura, or unatura, or unatura, which support a long team or bamboo, called use sardar, on which the thatch rests.
- 1258. The round rafters of a thatched house are বজা balla, also বালা bāla in Shahābad. Thick squared rafters are known as কটো kari. The rafters of whole bamboos are কালে kora or কালা koro. The thickest of split bamboo are বালা bāta or বলা batta, and the thinnest laths of bamboo are বালা bāti and বলা batta, also in North-East Tirhut কালিৰ jhonihan. বিমানো nigasta is a thick rafter used in South-West Shahabad; বালা barga are the thinner rafters used in supporting a flat pakka roof. বলা balli are rafters smaller than a বলা balla.
- 1259. The round poles built up inside mud walls are जैवा खान्ही lowa khāmhi north of the Ganges. In Shahabad they are जोज gol or जोजा gola, and so also in the south-east. In Patna they are जार lar, and in South Bhagalpur नार nār. The support of a broken wall is ख्यान astham or जांगी chānri north of the Ganges; also चाँगा chānra, इंग्ला uchka, or यमजा thamua in South-East Tirhut. In Shahabad this is यहा thunki, in Patna and Gaya यम भी thumbhi, in South Bhagalpur

चन्तुं आ thamhua or चाँडा chānda, and to the south-east खोडानी othgani ●r खोडान othgan.

- 1260. गोल gol or गोला gola are round beams, and चौकार chaukor ा चौपक्ल chaupahal squared beams. The latter are also called चौधार chaudhār in Shahabad. A crooked beam is said to be क्ष्य kūbar in Shahabad.
- 1261. In South West Shahabad चं हा chefira, in South Bhagalpur चेना chela, and elsewhere south of the Ganges चेना chaila or चेना chaili are splinters of wood, a layer of which is placed between the rafters and the tiling, and is also used for fuel.
- 1262. The tiles.—These are gue I khapra generally. Flat tiles are খ্যু আ thapua, or in Champaran খ্যুৱা pathua, and in South Munger सपतिया supatiya. Another name is पटरी patri in South-West Shahabad. Semi-circular tiles are after nariya generally, and pointed eave-tiles are टॉटो tonts or (Shahabad) टॉरियारो tontiyari south of the Ganges. In the north-west structured and a is a rough mode of tiling. when only flat tiles are used. In Gaya Anti mungra, and in Saran A TATE mangra, is a large kind of tile laid along the ridge of a roof. Bits of broken tiles are मरकन markan to the north-west, and किट की jhituki, भारका jhutka, or भारकी jhutki to the north-east. South of the Ganges they are दिवारी thikri or निवादी jhikti. In Shahabad they are िककड़ी jhikri or सिकड़ी sikri. Tiles are baked in a kiln, called आवा āwa or (South-West Shahabad) आंवा anwan. The layer of loose grass on a tiled roof between the rolls of thatching-grass and the tiles are known south of the Ganges as ATT tarer or ATT tarera, or (in South Bhagalpur) पहोतन patotan. In the north-west it is परका phatkan, and in Tirhut Bef chharan.
- 1263. The bricks.—These are दे रा inta generally, local variants being दे रा int or देश ita south of the Ganges, and रा ainta in Patna, Gaya, and South Munger. Awell-known proverb is मन म जान बाज म दे रा man meñ ān, bagal meñ inta,— (pretending to have) something else in one's mind, and having really a brick under one's arm (to heave at you). Among the varieties are until pakka or utan pākal, which are kiln-burnt (the first word is borrowed from Hindi), and क्या kachcha (also Hindi) or काँच kanch, which are sun-dried. An ther classification is into जार जो angreji or बढ़का barka, which are large table-moulded bricks. These are also called महिद्या gadahiya in Patna and South Bhagalpur, and राजा tali in South Munger. Common country bricks are देशारी dehāti, or in South-East Tirhut मुद्दांट bhailet or प्राप्तिकार

panginja. चींदर saundar in Patna and the south-east is a yellow kind of country brick. The smallest-sized country bricks are जहारी lahauri or लहाउरि lahāuri to the west, पजार pajāï in South-West Tirhut, खखार lakhauri in East Tirhut, खखार khajwa in South East Tirhut, and दिकडिया thikariya in Patna and the south east. The bricks forming the segment of a circle, used for lining wells, are known as बनो bakau, बन्ने bankau, बन्ने bakwa, or बन्ने bankwa. In South-East Tirhut these are known as चानेटा chākaita or नोडिया देटा kothiya inta. सर्जमखो surujmukhi, or in Champāran गेंड खाना geñruāwa, are the bricks, naı row at one end and broad at the other, used in building the sides of wells.

- 1264. In the interior of Patna यवदे thawai is the name of the bricklayer caste. Bricks are burnt in a kiln, called, पजाबा pajawa, पिजाबा pijawa, and कामा jhama south of it. Local names are माम jhām in East Tirthut and मामा jhama in South Bhagalpur. Half-fired bricks are पीया pāyar or पिया pāyara, other local names being मुस्सिया bhusuriya or सेवराचा sewaha in Champāran, सेवर sewar in Shahabad, पोजा pā/a in Gaya, खाबाबू awāiu in Patna and कावतीच kachkoh in South Bhagalpur. Other names are भटाज bhatrang in North-West Tirhut and भुषर्ज्ञा bhusranga in South-East Tirhut. The outer bricks of a kiln which become half black or are partially fired are called द्वाज के देंटा chhāl ke īnta, and in South Bhagalpur also द्वाजाटी chhālti.
- 1265. Stone.—Stone is परा patthar or प्रथम patthal. Slabs of stone are परिया patiya or सिक्षे sil/i. When large they are also called चौरा chira in Shahabad, and असार asār in Patna and Gaya Small pieces for jambs and lintels are टोडिया toriya in South-West Shahabad, दूरन tūtan in the rest of that district, कचरी kachri in Gaya, and दोका dhoka in Patna.
- 1266. Lime and mortar.—The calcareous nodular limestone used for lime-making and road-metal is known generally as काइड kankar, local names being ज कड ānkar, इकड़ो ikri, or इकड़ो inkri (also in South-East Tirhut) to the west, सङ्ग्र gangat in Patna and Gaya, and सांबर gāngat to the south-east. Large blocks of it are known south of the Ganges as चहान chattan or चटान chatān, also as जहान laīn in South-West Shahābad. The small pieces for road-making are जेकरो unkri or चांकड ānkar in Shahabad, कॅकड़ो kankri in Gaya, and in Patna, Gaya, and the south-east simply जोड़ा lora, or रोज़ rora, which last may also

apply to small lumps of bricks, &c., also used in road-making. EXX chharra, or in the south-east attent bālis, is coarse limestone gravel.

1267. Lime is चून chūn, चूना chūna, or प्रसा chūnna. It is of two varieties, viz. तिटी gitti—that made from limestone, and कवी kali—that made from shells. In the south-east that made from gravel is also called क्यों kali. The mussel shell used for making lime is बोपो sīpi north of the Ganges, and सितुचा situa or सिनुद्धा sītuha south of it. A local name is चित्त sittu in South Bhagalpur. चौंचा ghongha, एटा aitha, or ऐटा aintha is the voluted shell of a kind of watersnail similarly used. Lime mortar is महाला masāla, or in Patna स्वीद daboï. Plaster is लेहाल ledāl or नीपे nīpe. Moistened clay used as mortar is गिलावा gilawa, or in South Munger कियोवा gilawa. In Patna, Gaya, and the south-east it is also called जारा gāra. The pounded bricks used as a substitute for sand is सरावो surkhī. When a wall is whitewashed it is said to be पोचारा वाला pochāra wāla. चनेटल chunetal, चनवल chunwattal, or चूना फेरल chūna pheral.

#### F 0 0 D.

#### CHAPTER I.—MEALS.

- 1268. The general term for a meal is रसोद rasoi; also भावस bhānas in East Tirhut The morning meal is नापाता nāshta. Other names are पर्नापादा panpiyāo, पर्नापादा panpiyāi, जलपान jalpān जलखंद jalkhaī, and जलखादा jalkhāwa. Other local names are जलघराद jalgherāw (Champāran), पर्नापाद panpiyār (Gaya), and द्वा dāna or दाना देनो dāna dūni in Shahabad. पर्नापाद panpiyāi is also used to mean the food eaten by the labourer in the intervals of work in the field. This in the west is also called जुक्म lukum.
- 1269. The midday meal, which is the main meal of the day, is called by the people কৰিবা kalewa, কৰিব kaleu, or (in Tirhut) কৰা kalau, though according to dictionaries and pandits this is a light morning repast. Local names for this meal are ভাষ khāy in Patna জীয়া khaiya in Gaya, ভাৱক khāik in South Munger, and ক্ৰীয়া kalaua in South Bhagalpur.
- 1270. An evening meal is ষ্ট্ৰীন্তা sanjhaua in South-West Shahabad. ৰ আৰু beālu, or in Champāran ৰৈছেনিয়া berhatiya, is light food taken just before sleeping.
- 1271. A mouthful, or the quantity of food put into the mouth at once, is কাৰ kor, কৰৰ kawar, or কাৰ kaur. In South-West Shahabad it is also বৰাজা newāla, which, however, means in the interior of Patna the refuse food left, after eating, for servants, and which is then also called জাজাৰ ūlus.

## CHAPTER 11.-KINDS OF FOOD.

1272. The following are the principal kinds of food consumed by the lower orders:—

चवरी akri, एकरी ekri. or एकरी enkri,—uncleaned rice

अवारी akhri or (South Munger) आवारा akhra or (South Bhagalpur) अवारो akhro, also आंवट anwat (North-West Bihar and South-East Tirhut),—barley ground without being first cleaned. Cf. स्रो çūri,

बहोरी adauri or (Shahabad) बहुनरी adwari,—little round balls made of pulse.

चनाच anaj,—a general term for food, especially grain.

wa ann,-food generally, especially corn.

अमावट amawat (west), अमोट amot (North-East Tirhut),—mango conserve.

बारकींच arkaunch,—see रिक्ष rikaunch.

बार्वा ardāwa,—gram and barley mixed and parched. Used as a food for horses.

ष्य गाँठी के रीटो umanthi ke roti —see खाँठी के रोटो anthi ke roti.

चौटा ānta or चाटा ata, पिसान pisān, कनिक kanik or (East Tirhut) चिकस chikas, and (South Bhagalpur) चिकस chiksa,—
flour or meal.

আँडा के शेटो anthi ke roti, also किसको के रोटो kisli ke roti (Champaran), अर्थांडी के रोटो amanthi ke roti (Gaya and South Munger), and गुन्सा gumma (South Bhagalpur),—bread made of crushed mango stones.

स्वाधिक amil (North-East Tirhut), खटाइ khatāi (Saran), and खटा khatta (South Bhagalpur),—dried chips of the mango fruit used as a conserve. It is of two kinds, इंडि.सी darimi and खोरया khoiya. The first is made from small immature mangoes (टिक्सा tikula or टिक्सा tikula or टिक्सा tikula or टिक्सा tikula or टिक्सा tikula or टिक्सा

Tiez āfwot,—see Suit akhra.

च गरा ogra,—see माँड mānr.

सीरवा orha,—see दोरदा horha.

रविती imriti,—see जिवेवी jilebi.

श्चार ingar or श्वारो inguri (north),—barley from which the husk has been removed by rounding.

चित्रका uihila,—cooked mustard-seed.

च्यी धंगारं,-green marua (eleusine coracana) roasted as food (see ई 990).

उत्तवा हाज ulwa dāl, उत्तावल ulāwal,—१९० हाल dal. एकरी ekri, एँकरी efikri,—९०० अकरी akrı.

कचनिया kachwansya (Sāran, Patna, and South Munger), मोदन modak (Gaya and Shahabad), कथार kasār (South Munger), a round sweetmeat made of rice-flour, sugar, and clarified butter.

কাষ্য kachras (north-west) or ঘ্ৰুম্ব panuāń (South-West Shahabad),—sugar-cane juice mixed with water.

कचोडी kachauri,—cakes of flour filled with pulse, &c. The inside stuffing of pulse-flour, &c., is called पोटी piths south of the Ganges.

कार आ karhua (south), -- food saved from supper for the children.

वाया kabūli,—see खिचड़ी khichri.

कानिक kanik,—see आँटा ānta.

कसार kasār,—see कचवनिया kachwaniya.

कचि kanchi,—see इस् आ halua.

किसनी के रोडी kisli ke roti,—see खाँठी के रोडी anthi ke roti.

कुम्ती kunti,—see जाई laï.

कॉडरीरी konhrauri,—cakes made of ground pulse and rumpkin.

want khajla (north),—a sweetmeat made from wheat-flour.

खन्द khajūr, also (south of the Ganges) खरमा khurma or (South Bhagalpur) कितिया jhiliya,—a sweetmeat in the form of a date.

खटाइ khatāi,—see आमिन āmil.

हंगीरा khanraura,—see खद्दी khuddi.

खबीनी khabauni (south),—a sweet cake of wheat.

खाजा khāja (north),—a sweetmeat made from wheat-fi ur.

ভিতৰ khichri,—rice boiled with pulse; also called কৰুলা kabāli or মূৰল ভিতৰ bhānal khichri when spices are added. This last is called ছাঁকা chhaunki (i.e. seasoned) in South bhauslpur.

खिरोदा khiraura (South-West Shahabad)—cakes of rice-tiour prepared in hot water. Sometimes spelt खिरादा khirauura.

बीह khēr, also खोदि khēri in North-East Tirbut and बसीह bakhēr south of the Ganges,—rice boiled in milk with sugar See also बाउद jāur and तसमहे tasmaī.

खही khuddi, also (South-West Shahabad) खँड़ीश khanraura, and South Munger मेरखन merkhun,—broken pulse or rice.

खुरमा khurma or South Munger बोरमा khorma,—a sweetmeat in form of a date made of wheat-flour, sugar, and clarified butter. Cf. खहर khajūr.

खप्रका khushka,—see भात bhāt.

खुसकी khuski,—see पर्थन parthan.

खोिभया khobhiya,—see लाइ lāï.

खाइया khoïya,—see मामिल āmil.

TET gatta,—a cheap sweetmeat made of molasses. They are sold for a kauri each, and are the delight of boys of the poorer classes.

गलबल galbai,—see डभका dabhka.

गुम्मा gumma,—see चाँठी के रोडो anthi ke roti.

ग्रही gūri (Shahabad),—barley ground after being cleaned, Cf अखरा akhra.

गुक्तगुला gulgula, also (Shahabad) गुक्तौरा gulaura,—a pudding of wheat and sugar.

गुलहाना guldāna (north-west), also इलाइची हाना ilāichi dāna (Saran and South-West Tirhut), and मञ्जन्दी हाना makundi dāna (Patna),—a sweetmeat made of wheat.

गुलाव जाम न gulab jamun,—a long sweetmeat made of dry curds (क्रना chhena).

गुझी gulli,—see सो दया loïya.

गुजीरा gulaura,—see गुजगुला gulgula.

गोका gojha (north and south-west), also गोकिया gojhiya,—a kind of sweet cake. See also फरा phara.

घटरा ghatra, घटोरा ghatora,—see पुत्रा pūa.

घटठा ghattha,—see लपसौ lapsi.

ঘটিছৰ ghatihan, ঘতীছৰ chathihan,—a general term for cheap grain, such as barley, pease, &c., also (Sāran) any kind of grain which when ground absorbs much water and is not easily digested.

घटोरा ghatora,—see पूचा puo.

धसुन्ना ghasua or चसुर्द रोटी ghasuë roti, also पोकुन्ना pochhua (Tirhut)

and सोहारी sohari (East Tirbut and Shahabad),—cakes fried in a little clarified butter or oil.

चाउ ghāth, चाठा ghātha, चाठो ghatho,--see खपसी lapsi.

घाठि ghāthi,--see बेसन besan.

घाँठो ghāntho,—see कपसी lapsi.

चियोड़ा ghiyaura, घोवर ghiwar, घुगुरो ghuguri,—see घेवर ghewar घुघनी ghughni (north and south-east),—a mess made of pulse, clarified butter, &c.

धेवर ghewar (north), धुगुरी ghuguri (South-West Shahabad), धियौड़ा ghiyaura (Patna and Shahabad), घोवर ghīwar (Gaya and south-east),—a sweetment made of wheat-flour.

घोर ghor, घोल ghol,—see महा mattha.

घोरनाउर ghorjaur, घोरनारी ghorjari,—see मठ जाउर mathjaur.

चका chakka,—see बजका bajka

चटनौ chatni,—" chutnee."

चनेना chabena, चनेनी chabeni, चर्नन charban, or मूँजा bhūnja, also सुना bhūnja (Shahabad) and मुद्दी mūrhi (South Bhagalpur) सुना bhūja (North-East Tirhut),—parched grain.

चिक्स chikas, चिक्सा chiksa,—see आँटा anta.

चिक्तस chekkas (north),—roasted barley ground up with unroasted barley.

चिडरी chiuri (north-west), चौरी chauri (South Tirbut), प्रश्ची pharuhi (East Tirbut and Shahabad), प्रश्ची pharhi (Patna and Gaya),—unripe barley parched; but in South Bhagalpur, प्रश्ची pharuhi is parched rice.

चुन्नी chunni,—see चुन chun.

चुड़ा chūra,—unhusked rice, parched, then moistened and pounded flat.

चुन chūn (north-west), चुन्नो chunni (Patna, Gaya, and South Munger), and र्डे rai (Shahabad),—rice partially boiled, then pounded and roasted.

चोखा chokha or भरता bharta, also (East Tirhut) खना sana,—a mess of pounded roasted vegetables.

चौंबा chontha (Sāran),—a dish of pulse.

88 R. & J. 45

चौरौ chauri,—see चिउरौ chiuri.

चौरेठा chauretha, चौंग्ठ chaurath,—rice scaked in water and then dried and pounded.

छनका chhanka छेवकन chhewkan, छेवंकना chhewankna, छोंकज chhaunkal, हो का chhaunka,—see बचार baghar.

हिना बाडा chhena bara,—round flat sweetmeats made of dry curds (हिना chhena); a Bangali dainty adopted in Bihar.

द्यौंको chhaunki,—see खिचड़ो khichri.

অবাহার jawākhār (south) or মাৰ্ক pāchak (South Bhagalpur)
—ashes of burnt ears and stalks of barley, used as a cure for indigestion.

ঘাৰে  $j\bar{a}\ddot{u}r$ ,—rice boiled in milk with salt. When boiled with sugar it is eate  $kh\bar{a}r$ , q.v.

বাৰহ jabar,—a mess of rice, vegetables, clarified butter, &c.

जिलेको jilebi,—a tubular sweetment in a coiled shape, made of fine wheat-flour, sugar, &c. A variety of it is known as হমবিবী imriti or হমিবনী imriti.

भाभा jhānjha (South-West Shahabad),—a mixture of coarse sugar, hemp, clarified butter, &c.

भिलिया jhiliya,—see खनूर khajūr.

िमहो jhil/i,—see लहा latta.

भोर jhor,—see परेष्ट pareh.

टूका tūka (north) or (East Tirhut) टुकरी tukri,—the fourth part of a round cake.

হিন্দ্য tikri,—a sweetment made of flour, fried in clarified butter or oil, and covered with sugar; also (Gaya) a small loaf or roll. In South Bhagalpur it is a round sweetmeat in the form of a cake, and made of flour, butter, and sugar. Another name for this last is হিলেখা tikiy.

ठकुमा thakua,—see ठेकुमा thekua.

उर्शे thurri,—see उत्रा thuri.

उ शे thuri, or (Tirhut, Gaya, and South Munger) उर्शे thuri (South-West Shahabad) डोशे thori, (Patna) सुर्शे murri, and (South Bhagalpur) मूजी murhi,—grain which has not burst while being parched उञ्ज्ञा thekua, उञ्ज्ञा thakua, — a kind of coke pressed in a mould called आगरीटा agarauta.

ठोरी thori,—see ठूरी thuri.

ভাষা dabhka (north-west), মানৰল galbal (South Tirhut), ভাষাৰ dabhkal,—parched unripe grain, or ripe grain soaked in water and parched.

ड एफा duppha,—see महुअर mahuar.

THE takker,—a preparation of butter-milk with spices, &c. It is said to be very cooling.

বাৰ taral (North-East Tirhut),—a kind of dish consisting of vegetables cooked in clarified butter or oil. It is peculiarly a rich man's food, and is supposed to be fattening, hence the proverb ব্যায়ে মুনু মায়ৰ লাখ taral khāy, punu garal jāy,—he is a rich man, and yet he is lean.

तसमद्रे tasmai,—rice boiled in milk with sugar, usually eaten by mendicants. It differs from स्वीर khir in that the latter may or may not have water added.

ताज खानो tājkhāni,—see तास खानी tās khāni.

तास खानो tās khāni (north,, also (South-East Tirhut) ताज खानो taj khani,—a round sweetmeat made of rice-flour, sugar and clarified butter.

तिस कतरी tilkutri,—see साइ lāï.

নিবান্ধত tilkut,—a sweetmeat made of sesamum and molasses much eaten by boys in Patna.

तिसीरी tilauri,—small balls of urid or mung mixed with sesamum seed, dried in the sun, and then fried in clarified butter.

तिसचौरी tisjaure (South Tirhut) or तिसियाचर tisiyaur,—linseed and rice cooked together.

इंडि मी darimi,—see आमिल āmi/.

दनकाउर danjāür (Saran and South-West Tirhut),—poppy-seeds (हाना dāna) and rice cooked together

इनौरो dannuri,—the same as निस्तोरो tilauri, poppy seeds being used instead of sesamum.

south of the Ganges is pounded maize bailed with water and sugar.

हालिपट्ठी dalpitthi, दलिपठौरी dalpithauri—see हाल पोठी dāl pīthi-हलसाता dalsigga or (South-West Shahabad) समपहिता sagpahita,—pulse boiled with vagetables.

इलही पूरी dalhi pūri,—see ब रही berhi.

हाल dāl,—split pease or pulse. When these are parched they are called ज्लावाल हाल ulawal dāl or उलवा हाल ulwa dāl.

हाल पोटी dal pithi, इलिपटी dalpitthi, or (Shahabad) इलप?टोरी dalpithauri,—(1) balls of wheat or barley-flour stuffed with pulse inside and boiled in water; (2) balls of wheat or barley flour cooked along with pulse. पीटा pitha means balls of meal boiled in water.

ध्ँ आँर dhuñāñr,—see फोरन phoran.

धोत्रल दाल dhoal dāl, घोत्राँच dhoānch,—see घोई dhoi.

घोड़े ahoi (north and Shahabad), also घोट्रांच dhoānch (South-West Shahabad), elsewhere भोट्रांच dhoal dāl,—soaked pulse घोँ n dhong (Shahabad),—a thick cake.

पक्षभाव pakmān or पक्षवान pakwān,—sweetmeats.

पतौरा pataura,—the tops of the plant called गुम्मा gumma (phornaceum mollugo) roasted in a castor-oil leaf.

पनुत्रा panuan,—see नचरस kachras.

पपरा papra,—see पापर pāpar.

परिकाश parakiya,—see समोसा samosa.

परधन parthan, also Gaya पर्वधन palethan, and खुसकी khuski,—the dry flour rubbed on the dough as it is being made into cakes.

परमल parmal (Shahabad),—parched maize or grain. See also होरहा horha.

पराठा paratha,—see फराठा pharatha.

परेष्ठ pareh, रसा rassa, राना rassa, or भोर jhor, sauce, such as of vegetables, &c., eaten with dry food.

पर्वेचन palethan,—see पर्चन parthan.

पास pāg or (south-east) रान rān or (South Bhagalpur) सिरा sira,
—syrup made by melting sugar in water and boiling it down.

पाचक pāchak,—see जवाखार jawākhār.

पापर pāpar or पपरा papra,—a crisp cake of pulse flour.

fusie pithar (North-East Tirhut),-rice pounded in water.

पिट्डा pittha or पीठा pītha, also to the east बिराया bagiya, and in Tirhut बर्म या bageya,—a kind of boiled pudding made of sattu or meal. A smaller variety is called पिट्डी pītthi.

पिट्ठी pitthi,—see पिट्ठा pittha.

पिसान pisān,—see चौटा ānta.

पोच pich,—see माँड mānr.

पौठा pītha,—see पिट्ठा pittha.

पीठो pithi,—see कचौडी kachauri.

पुत्रा pāa, also (East Tirhut) पू pu, and घटोरा ghatora (Patna and Gaya), and घटरा ghatra South Bhagalpur and Gaya), wheat-flour and molasses mixed and cooked in clarified butter or oil. Cf. माल पुत्रा mal pua.

पूरो pūri, also (north) ज चुई luchui. and (Tirhut) जोहारो sohāri or सहारो suhari,—thin cakes boiled in clarified butter. They are supposed to be as indigestible as muffins: hence the proverb about one who attempts things he cannot do, ध्यू पचे विद्य पूरी जा मारि ghyu pache nahin puri lamari,—a fight for muffins, when even clarified butter won't digest.

पैटा petha (north), also सुद्धापास bhuāpāg (South-East Tirhut)
—candied gourd.

पेड़ा pera,—a sweetmeat made of sugar and milk. Those made in Mathura and Gaya are most esteemed. See also बोइया loïya.

परही pharhi,—see चिडरी chinri.

भरा phara (north-west), गोका gojha (Shahabad), and विद्या bagiya (South Bhagalpur),—balls of rice steamed over a pot containing boiling water.

फराउ। pharātha (north and south-east), पराउ। parātha (else where),—bread made like pie-orust.

प्रतको pharuhi (South Bhagalpur), फोकना phokna (South Munger),—parched rice. See also चित्रशे chiuri.

पुटप्री phutpūri,—see ब रही berhi.

पुटहरा phutahra,—see जिही litti.

parched gram and pease. (South-West Shahabad) years phutahra,—

प्रदेश phutehri,—see बिट्टी litti.

- पुलीरा phulaura,—large balls of urid-flour fried in clarified butter or oil, and then soaked with spices in tyre. It becomes very spongy.
- पुलीरी phulauri,—(1) (south) a roll of course flour cooked by steam in a pot with some water in the bottom, and resting above on twigs; (2) (north) balls of pulse-flour boiled in clarified butter or oil.
- फेनी pheni,—a frothy sweetmeat made of wheat-flour and sugar.
  See also बतास फेनी batās pheni.
- फीकना phokna,—see फक्टी pharuhi.
- फोरन phoran, also (Shahabad) चुँ आँर dhunanr,—seasoning used with food.
- बखीर bakhīr (South-West Shahabad),, रसिया rasiyāo (rest of Shahabad), रसिया rasiya (Patna, Gaya, and the south-east), rice cooked in sugar and water. See also खोर khīr.
- बिराया bagiya, बार्या bageya,—see पौट्ठा pittha.
- बचार baghar (north-west), इत्वन chhewkan (Tirhut), इत्वना chhewankna (Patna), इत्वन chhaunkal (South-Munger), इनका chhanka or क्लिंग chhaunka (South Bhagalpur),—the act of seasoning food.
- बचका bachka,—see बजका bajka.
- বজনা bajka or (Patna) ব্যক্তা backka, (north) ব্যক্তা chakka, (North-West Tirhut) ৰহা bara, (South Bhagalpur) বাহা bāra,—slices of gourd or vegetable covered with pulse-flour and then fried in clarified butter or oil.
- बतास फनी batās pheni or फनी pheni (north),—a spongy sweetmeat made of sugar and flour.
- वतासा batāsa,—a spongy sweetmeat made of sugar.
- बफोरी baphauri,—pulse-flour cooked by steam.
- बरजीर barjaur,—see ब रहिन berhin.
- arth barphi,—a white sweetment made of wheat, flour, milk and sugar.
- बरा bara or बारा bār,—cakes of urid pulse fried in clarified butter or oil. See also वजका bajka.
- \*\* bari,—balls of urid, mung, or gram-flour fried in clarified butter or oil.

बजुसाहो balusāhi or बाजू साहो bālu sāhi,— a sweetmeat made of wheat,

बसिया basiya,—see बासी bāsi.

बहुरी bahuri,—see होरहा horha.

बारा bāra,—see वजका bajka and बरा bara.

बाल साहो bālu sāhi,—see बाल्साही balusāhi.

बासो bāsi or बसिया basiya, also (Shahabad) बासी कूसी bāsi kūsi, food saved from supper for breakfast.

बोरी biri (Gaya) a kind of food made of leaves and flour fried in clarified butter.

बुनियाँ buniyān,—a small round hollow sweetmeat made of gram-besan, fried in clarified butter or oil and covered with sugar.

वेनिया beniya,—see ब रही berhi.

ब रिश्व berhin or बरजीर harjaur (Shahabad),-pulse cakes.

बिरही berhi, इसही पूरी dalhi puri (north), फुटपूरी phutpūri (South Bhagalpur), and also (Tirhut) ब निया beniya, and (Shahabad) ब रश्चीया berhīya,—pulse-flour cooked inside a wheat cake.

बे सन besan or चाउ ghāthi (North-East Tirhut),-pulse-flour.

बोर bor or बोर बोर bor bor (Gaya and west), खानि sāni (South Bhagalpur), खोन son (South Munger), the act of soaking dry food, such as bread, in any liquid.

भभरो bhabhri,—see लिट ही litti.

भात b/at (amongst Hindus), खुम्का khushka (amongst Musalmans),—plain boiled rice.

भुकाषाम bhuāpāg,—see पैठा pet ha.

भुजना bhujna, भूजा bhūnja, भूजा bhūja,—see चवेना chabena भूगल खिच हो bhūnal khichri,—see खिचडो khichri.

मरहा maëda or मेहा maida, - fine sifted flour.

सङ्गानी makuni (1) (north),—cakes stuffed with gram-flour; (2) (south) cakes made of pease or wheat-flour. See also सिंही litti.

ਸਟਰੀ matri (north) ਸੂਤਰੀ muthri (South-West Shahabad), a sweetmeat made of wheat-flour.

मट्डा mattha or मडा mātha, also मखा mantha (South-West Shahabad), घोल ghol or घोर ghor (to the east), and मही mahi (South Tirhut),— butter-milk.

Hठनाउर mathjāür, also (east) घोरण उर ghorjāür and (South Bhagalpur) घोरणारी ghorjāri,—butter-milk boiled in water, with a little rice, &c., added.

मठरी mathri,—see मटरी matri.

मङ्सटका marsatka (Gaya),—rice-gruel with the rice.

मच्डा mantha,—see मट ठा mattha.

महन भोग mahan bhog,—see हलुआ halua.

महियाउर mahiyā ür (north) and महेर maher (South-West Shahabad),—a mess of rice, &c, in butter-milk.

सहचार mahuar or (South Bhagalpur) इण्पा duppha,—the flowers of the mahua (Bassia latifolia), soaked over-night, crushed next morning, and made into a cake with flour, gram, pease, or linseed.

महेर maher,—see महियाउर mahiyāür.

ਸਰ mātha,—see ਸਟਰ mattha.

मांड mānr (amongst Hindus) and पीच pāch or खोगरा ogra (amongst Musalmāns)—rice-gruel.

माल पूचा māl pūā,—wheat-flour, sugar and milk mixed and cooked in clarified butter only, thus differing from पूचा pūa, p.v.

मीठी प्री mithi pūri,—sweet cakes

मुर्री murri,—see दुरौ thūri.

मारी murhi,—see चुरी thuri, चवेंना chabena, and जाइ laï.

मं रखन merkhun,—see खही khuddi.

मैदा maida,—see मण्दा maëda.

मोती पूर moti chūr,—a sweetmeat made up of very fine दुनिया buniyān shaped like pearls.

मोदक modak,—see कचवनिया kachwaniya.

रद्रे raī,—see चुन chūn.

रस गोका ras gola,—round balls of dry curds (क्षेत्रा chhena) in syrup; a Bangali dainty adopted in Bihar.

रिचया rasiya, रिचयाव rasiyao,—see बखीर bakhir.

रस्वा rassa, राखा rasā,—see परेष्ठ pareh.

रान rān,—see पाग pāg.

राव rāb,—boiled sugar-cane juice.

হিন্দীৰ rikaunch or ভাল saindha (north), also অহনীৰ arkaunch (Tirhut),—a mess of pulse-flour cooked in the leaves of the অবই arui (Arum colocassia).

खकडो laktho,—see सेव seo.

- बट्टा latta or बाह्य lāta, also (South Bhagalpur) (महा jhilli, a mess made of the flowers of the mahua (Bassia latifolia), molasses, and parched grain.
- सहस्र् laddu or सङ्ज्या larua,— a sweetmant made up of sugar and
- অঘা lapsi.—flour of any grain boiled in milk and eaten with sugar. When made with salt instead of sugar, it is called (South-West Shahabad) ঘাত ghāth, (South-East Tirhut) ঘতা ghātha, (South Munger) ঘাতা ghātha, and (South Bhagalpur) ঘাতা ghātho or ঘাঁতা ghāntho.
- लाइ lāi, also (Tirhut) म हो mūrhi, जुन्तो kunti (Patna and the south-west), and तिलवतरी tilkatri (South Bhagalpur) and खोमिया khobhiya,—parched rice prepared with sugar south of the Ganges, but without it north of the Ganges.

जाटा lāta,—see जटा latta.

जावा lāwa,—maize, rice, &c., parched in hot sand.

जिट्टो litti, मभरी bhabhri, मञ्जनी makuni, cr फुटे हरी phutehri or (south) फुटहरा phutahra,—various cognate kinds of cakes fried in hot ashes. The last four are generally stuffed with sattu and spices, while the first may or may not be so stuffed.

जुचुई luchūï,—see प्री pūri.

- चोदया loïya or (South Bhagalpur) गुझो gulli, the lumps of dough out of which cakes are made. In Patna, Musalman women call them पेड़ा pera.
- सकरपाला sakarpāla or (Gaya) मिरजर्ड mirjai,—a sweetmeat of wheat-flour.

समपहिता sagpahila,—see दलसामा dalsayga.

सतुचा satua, सतुद्दे satui,—see सत्तु sattu

88 R. & J. 46

सत्त् sattu or सतुचा satua, also (Shahabad) सतुई satui, and (north, generally amongst mendicants) सितसबुकनो sitalbukni, parched gram ground into flour.

समोसा samosa also (Tirhut) परिकया parakiya,—balls of flour with fruit, &c., inside, cooked in clarified butter.

सर्वत sarbat (south-east),—sugar-cane juice mixed with milk; also generally eau sucre.

सानि sani,—see बोर bor.

साँस sāns,—a sweetmeat made of वेसन besan and molasses, eaten by boys in Patna.

सितलबुकानी sitalbukni,—see सत्त sattu.

सिद्या sidha or सोधा sādha,—provisions, food, as in the proverb सिद्या सन्दे ह, तथ तथ कार्य sidha sandeh, gabya gabya karathi, it is doubtful if he should get anything at all to eat from me, and he has the impudence to ask for milk.

सिरा eira,—see पाता pag.

सिक्आ sirua, -- soup.

स्रका चरा surka chūra,—unripe paddy parched and pounded flat.

स्हारी suhāri (North-East Tirhut),—see पूरी pūri.

suji,—the flour from the centre of the wheat grain.

संव see or (Shahabad) जवटी laktho,—a kind of coarse macaroni, differing from संवद्दे semwai in not being regularly coiled.

संवद्गे semwai,—a kind of macaroni, which differs from स्व व seo in being regularly coiled.

में जा saindha,—see रिकॉच rikaunch.

चोदारी sohāri,—see प्री pūri.

सीन son,—see बीर bor.

चलुका halun, also (Shahabad) काँची kānchi,—a sweetmeat made of flour, dried fruits, and clarified butter. Musalmāns also add eggs. A superior variety of this is known as महन भोग mahan bhog.

TITE habus,—green barley roasted as food.

होरहा horha (west), जोरहा orha (east generally), also होतहा holha (Patna and Gaya), बहुरी bahuri or प्रमत parmal (Shahabad),—unripe grain, roasted in the ear or pod.

Time T holha,—see Tite horha.

## CEREMONIES AND SUPERSTITIONS OF RURAL LIFE.

#### CHAPTER I.-MARRIAGE.

- 1273. Marriage is amongst Hindus वियास biyāh, local optional names being समझको shumangali (properly the marriage service described in § 1328) in North-West Tirhut and Champāran, and वियास दानी bihāh dāni in East Tirhut. विवास bibāh is common in North-East Tirhut, and विस्ता biha in South Bhagalpur. Amongst Musalmāns it is सादी sādi or सादी shādi, विवास nikāh being the less regular form. The marriage contract is स्वत्र akad amongst Musalmāns.
- 1274. The husband is everywhere (amongst Hindus) बर bar (properly bridegroom) भतार bhatār, पीया pīya or पो pī (only used in poetry), पतो pati or बामो sāmi. Local forms are जंबाय jañwāy (properly son-in-law) (South-West Shahabad) and in East Tirhut चँए saiñeñ amongst the lower classes and स्वामो swāmi or बवामो sawāmi amongst the higher classes. भतार bhatār is sometimes specially used to signify a woman's second husband. Musalmāns use the word प्रोहर shauhar The following words are used by Hindus and Musalmāns indifferently: दुलहा dulha (properly bridegroom), पुरुष्ठ purukh, मार् marad, खबम khasam, खहमो admi or खाइमो adimi\* (also used in South Munger to mean wife), and खावन्द khāwind. South of the Ganges occur खमहो amdi and मार्वा mardawa. A wife calls her husband मार् marad, or in the localities mentioned above जंबाय jañwāy or मार्वा mardāwa. In South Bhagalpur she calls him खाँद sañiñ.
- 1275. A wife is म इराक्ट mehrāru, इस्तिरो istiri, माउन māüg or मीनी mauge, वह bahu or वह bah, (also, in Champaran, वोह bauh) (which means literally daughter-in-law), जनी jannī, बेकत bekat (also used to mean husband), जनाना janāna, बोक्ट joru, and कविचा kabila, the last two

<sup>\*</sup> Often spelt by purists आहमी ādami.

being principally used by Musalmans. जीजी jauji (a corruption of zauja) is used only by Musalmans and Kāyasths. When talking to a respectable man about his wife, the word सवारो sawāri or घर के जोग ghar ke log or a periphrasis is used. Thus they say in Shahabad अपने के सवारो ऐकी इ० apne ke sawāri aili ha? 'has your wife come?'; रवीं घर के जोग कहवाँ वार्डी rawan ghar ke log kahwān bārīn?' where is your wife?'; or रवीं इवेजो में कव ऐको इ० rawān habeli mān kub āili ha?' when did your wife come?' lit. 'when did the being in your honour's inner apartments come?'.

- 1276. When there are two wives, each is साउत sāit or सौतिन sautin to the other, a South Ganges variety being सोतिन sotin, and in South Munger से तिन saitin. The first wife is वियाही biyāhi. In Patna and Gaya विही bihi, and in Shahabad में हरी mehri and कविसा kabila, are also used in the same sense. When there are two wives, the elder is called चेंडरी jethri, चेंडकी jethki, or बढ़की, barki, and the younger कहरी lahuri or कोंडकी chhotki.
- 1277. A woman whose husband is alive is north of the Ganges হয়বানী ehwāti, and south of the Ganges she is অছিবানী ahiwati or আছিবানী ahiyāti. A local variety is ইছব aihab in South-East Tirhut. ভাছামিৰ sohāgin is another word used everywhere in the same sense. Another local word in South-East Tirhut is ভ্যৱা sadhwa. When a married woman is living in her father's house she is a ৰছিবিৰ naihraitin, or in South Bhagali ur ভ্ৰাভিৰ sawāsin, and when she is living with her husband's samily she is ভাষাবিৰ sasuraitin.
- 1278. A widower is राहा randa or राँड़ा rañra. If he marries a second time he is हो आइ doāh or (in East Tirhut) इतिवर dutibar or इतिवाहा duibiyāha, and in South Bhagalpur हो दिशा dobiha. If he marries a third time he is तैयाइ teāh or (in East Tirhut) चितिवर tritibar, and South Bhagalpur ते विद्या tebiha. In such case he is also called हो आइ doāh.
- 1279. A widow is बेवर्ग bewa or रॉड़ rāñr. Another term is विचवा bidhwa. In South-East Tirhut बेचव baidhab is also used. The second marriage of a Hindu widow is सगाइ sagāï. Optional names are सग्रस sagaham, सम्बन्ध sambandh or समझ samudh, used chiefly north of the Ganges. To the south-east सुमावन chumāwan or समीना chumauna is also used in this sense. Such woman is called to the west आर्थी ordhī, and the second husband is सग्रह्मा sagāhua or सगर्मा safighua. In Western Shahabad he is स्वाच्या sanghut, and to the west generally

अरघुआ ardhua or भतार bhatār. A child brought forth by the widow previous to the ceremony is पङ्खाना pachhlagwa or कटवेटा kathbeta, or in South Bhagalpur लड्ड टा lahbeta. The second marriage of a Musalmān widow is अवह धानी akad sani or निकास nikāh.

- 1280. A kept-woman who lives with a man without marriage, is रखिला rakhelin, रखेली rakheli, or रखनी rakhni. Other names are रखी randi, उढ़िए urharhi or उढ़री urhari, and देमनी dhemni. स्रोतिन suraitin is used in South-West Shahabad.
- 1281. The bridegroom is বুলছা dulha, ৰহ bar, নীট nause or নীয়া naushe. Also, south of the Ganges, মান্ত gabhru. In East Tirhut the forms বিভিন্ন bikhia and বিভিন্ন bikheya are current. The bride's people call the bridegroom কহিকা larika or ৰ হবা betwa.
- 1282. The bride is दुलिइन dulhin or काने आँ kaneān, also in South Bhagalpur कन्यादन kanyān. The bridegroom's people call her खरिकी lariki, खरिकनी larkini, or बॅटिया betiya.
- 1283. The dowry is জইব juhej or হইল dahej. In South-East Tirhut it is লীব্ৰ jaituk.
- 1284. The marriage settlement amongst Musalmans is मोहर देन mohar den north, and देन महर dain mahar south of the Ganges.

### CHAPTER II.—WEDDING CEREMONIES GENERALLY.

- 1285. The proposal for a boy in marriage by the girl's relations or vice versā is amongst Hindus बर्त्र bartāi or बर्धेकी bardekhi, or in Shahabad बरेको barekhi. In South Munger it is sometimes पनबट्टी panbatti. In Patna it is occasionally बभन पुच्छी babhan puchchhi. Amongst Musalmāns the name for a proposal is निस्तत nisbat.
- 1286. The match-maker, who conducts the preliminary negotiations, is everywhere অনুমা agua. In north and East Tirbut it is also ঘটন ghatak. The barber and Brāhman, who are messengers, and sometimes negotiators, in the matter, are called collectively নীমা মামন naua brāhman. The searching for a boy in marriage is north of the Ganges, to the west, জালো ভালা larika khōj, in South-Tirbut ৰাম্মাটি bartuhāri or মুঘাৰঘা কৰে sudhābatha karab, while in North-East Tirbut it is কথা কৰে katha karab. South of the Ganges it is attatt bartuhār. Most of these words, however, include the preliminary

negotiations, when a suitable boy has been found. If, during the negotiations, a member of the bride's house visits the bridegroom's or vice versa, the food given him to eat is called ব্ৰেছী ক মান bartūhi ke bhāt. The first food given to him after the marriage under similar circumstances is মহান bhathkhai.

- 1287. The betrothal consists in paying the तिलक tilak on the occasion of the formal proposal and acceptance of the proposal of marriage. This तिलक tilak is a present made to the bridegroom's people by the bride's people in the bridegroom's house. Some castes pay a portion of this in advance, as a sort of retaining-fee to secure the bridegroom; and when this is done, it is called फलदान phaldan, द्वा chhenka, or बर द्वा bar chhenka. In Saran and Champaran it is also called बरच्छा barachchha, in South-Fast Tirhut पनचढ़ी pancharhi, and in South Bhagalpur पनदोही pantohi.
- 1288. The man who carries the ইকা chhenka is the ইকাই chenkáhru north of the Ganges. South of the Ganges he is ইকাইব chhenkāhri, or in South Munger মহনী mahton.
- 1289. The period of marriage ceremonies dates from the presenting of the तिसन tilak, and is called जान lagan, or in East Tirhut सद sudh.
- 1290. The marriage procession is aftern bariyāt. Sometimes the Hindi form atta barat is used. When it remains at the house of the bride a day after the wedding, the halt is called utage marjād. When a bride's father is unable through poverty to defray the expenses of the marriage, and he sends her to the bridegroom's house for the performance of the ceremony, she is called at karhui, at an karhua, or sin at dol karhui. The marriage procession is the first formal visit of the bridegroom to the bride's house.
- 1291. The second visit, which consists in the ceremony of going to the bride and bringing her home to her husband's house for the consummation of the marriage, is गवना gawna, गवन gawan, or मौना gauna. In East Tirhut it is also दुरागमन durāgaman, and south of the Ganges दुरागोन durāgaun. Another name is रोकस्ती roksati, रोकस्दा roksaddi, रोकस्ती roskati or रोकस्ती roskaddi (خَعَدَى).) Yet another is विद्रागों bidāgi.
- 1292. If the bridegroom pays an intermediate visit, it is called in South-East Tirhut द्वानचन durāgnaghan. Immediately

before the final visit to fetch the bride, a message is sent to the bride's house with some presents, to announce the approaching of the time for the visit. The presents are called नेसार neār, and the persons who carry them नेसर्घरसा neardharua. The persons who actually fetch the bride are जीताहर lautāhar, नेवतहर neotahar, जेताहर letāhar, or जिसबन liāwan, or in South Bhagalpur जेयारी leyāri.

- 1293. The newly-arrived bride is called गौनहरी gaunahri. In East Tirhut she is also called बहुआधिन bahuāsin. The male members of her party are जोजनाहा loknāha, and the females जोजनी lokni or जोजनिया lokniya.
- 1294. After consummation of marriage, the first and second visits of the bride to her parents' house are called रोक्सती roksati, &c., as above. The second visit of the bride to her husband's house is होँगा donga, and her third visit is तेंगा tegna. Her subsequent visits to her husband's or her parents' house are called रोक्सती roksati, बिहागी bidāgi, बिहागरी bidāgii, खबन गवन awan gawan, खहुरा बहुरा ahura bahura, खहीर बहोर ahor bahor, औरा बौरा aura baura, or खाइस गैस ail gail.
- 1295. A married girl in her father's house is called by her people इंदे daī, धो dhi, चबुई babuï, or सुन्नासिन suāsin. When a wife is in her father's house and her husband wishes her to return, he sends a messenger (generally a barber by caste) to summon her, who is called घडवनिया pethwaniya.
- 1296. Their father-in-law's houses are called by bride and bride-groom respectively चन्दार sasurar. The educated also use the Hindi word चनुराज sasurāl. In East Tirhut it is called चासुर sāsur and in Shahabad sometimes चनुरा sasura.\*
- 1297. The wife's parent's house is called by her in Patna and South Munger निश्चा nahira or मैका maika, and in South Bhagalpur नेश्चा nehra. Elsewhere she calls it नेश्चा naihar.
- 1298. The husband's or wife's maternal grandmother's house is called by him or her नानोद्दास nānīhāl, ननिष्ठास nanihāl, ननिष्ठार manihār, ननिष्ठार nanihar, or ननिष्ठीरा naniaura. Other names are समञ्चा mamhar, and (in East Tirhut) माजिक matrik.
- 1299. The husband's or wife's paternal grandmother's house is his or her दादीहाल dādīhāl, ददिहाल dadihāl, ददिहार dadihār, ददिहार

<sup>\*</sup>A man in his father-in-law's house is always made much of and fed well; hence in thieves' jargon a jail is called (let us hope sarcasti cally) THERE sasurār.

- dadihar, or इहिजौरा dadiaura. Another name current in East Tirhut is पैनिक paitrik, while in South Bhagalpur they say वपहर baphar.
- 1300. Their maternal uncle's houses are his or her समञ्दर mamhar or समृद्ध māmuhar. So also the paternal uncle's house is सस्दार sasurār.
- 1301, The paternal grandfather's house is (north of the Ganges) অবিয়ীয় ajiaura.
- 1302. The father of the bride and the father of the bridegroom call each other समधी samdhi. Their wives call each other समधि samdhin.

# CHAPTER III.—SPECIAL WEDDING CEREMONIES AMONGST THE HINDUS.

- 1303. Marriage ceremonies vary somewhat according to locality and caste. The following is mainly a description of such a wedding as might take place in the house of a well-to-do goāla in Patna, see § 1353. When the marriage has been agreed upon, the father of the bridegroom visits the father of the bride, and each provides a few handfuls of paddy ( $u + dh \bar{a}n$ ). These are mixed together, and then divided between the two fathers by a Brāhman, and the bridegroom's father takes his share home. This ceremony is called  $u + dh \bar{a}n$  this paddy is reserved to be parched in the  $ch\bar{u}lha$  which will be subsequently mentioned.
- 1304. Then the famales of the bride's family perform the THIT chumauna kissing-ceremony. In this five women take rice between the thumbs and forefingers of both hands and touch in order her feet, knees, and shoulders with it. They then put it on her head. To perform this ceremony is THIT chumāëb because, when the ceremony is over, they make the bride and the bridegroom kiss their fingers.
- 1305. On the fifth or eighth day before the expected arrival of the wedding procession, the following preparations are made in the bride's house. If they take place five days previously, they are called प्रसंगरा pachmangra; if eight days, অৱম্মান athmangra.
- 1306. The ceremony called মহনাত্বা matkerwa.—The women of the family, and their friends, go singing to a well. They level a piece of ground near the well and smooth it down with আল

माटो lāl māti, a kind of yellow clay which is generally found immediately over gravel. They then dig a clod up out of it, and carry it home on the head of one of them. fireplace, च्रहा chālha, of this mud in the centre of the court-yard or आँगन angan. In South Bhagalpur they set up a plantain-tree and a bamboo in the court-yard, under which they place the mud.

- 1307. The day before the expected arrival of the marriage procession, the family sets up a bamboo shed in the court-yard over the fire place. This shed is called मह्वा marhwa, मँड्वा manrwa, or माँड्री mānro, also in South Munger मडही marhi, and in South Bhagalpur मार्च mandap. The same day a potter brings an earthen pot, called कलसा kalsa, with a four-wicked lamp, called चौमुख chaumukh, on its top. This is placed in the house where the family god is placed for the purposes of the marriage. This house is called a feat kohbar. According to some the pot is placed at once in the महना marhwa.
- 1308. A plough-saft (ছरिम haris), a plough-yoke (पालो pālo), and some bamboo twigs (ক্ৰো karchi), are then buried in the ground in the centre of the FLAT markwa. Then five men bring out from the को इवर kohbar the कलमा kalsa, and place it under the माद्वा marhwa in front of the bamboo twigs. The father of the bride then ancients the four posts of the HCTI marhwa with El ghyu (clarified butter), and on each the mother applies some vermilion Hat senur). The name of this ceremony is घा दारी ghyudhari or दीदारी dhidhari. In South Bhagalpur it is বিচাৰী ghidhari. At the same time worship is offered to the progenitors of the family, which is called मन्त्रीपूचा mantri pāja. Then five men take turmeric (इरही harei), oil (तेल tel), and dub grass (द्वो dubi), which they so tter on the bride's forehead. This is called Et. चटाएव hardi charhāeb. Then women anoint her body with oil and turmeric. This is called उन्हम ubtan &c, see § 1342.
- 1309. Next day, before the arrival of the procession, the paddy saved from the धनवटरो dhanbatti is parelled in the fireplace under the This is prepared for the ceremony of with towa-मदना marhwa chhitai (see § 1:32), at the time of the marriage circumambulation The fireplace is then put to one side.
- 1310. Next follows the ceremony of swallowing the mango fibre. This is called इमली घो टाइ inli ghontāi. In South Bhagalpur a similar ceremony is collect अमलो घोटन amlo ghotan. An elder male of the mother's family (usually her brother) puts into her left hand a present of money or ornaments. The barber's wife then gives him the 88 R. & J. 47

centre fibre of one of the mango leaves hanging up in the মাৰো marhwa, which he presents to the mother's mouth. The mother then bites a small piece off this and deposits it in the hollow of her own right hand, into which the elder male pours a little water. The piece of fibre is called ভাষিকা kharika, বিৰকা tinka—, or ভাষা danti. This the mother holds over her daughter's head and gulps (ঘাঁহৰ ghontab, to gulp) it all down. The elder male then says to her, "Art thou cool (i e. pleased)? লুভু লু jurailu)," to which she replies "I am cool (লুভু লা jurailān)."

- 1311. Wedding wreaths of mango leaves, flowers, &c., are hung over the door, and about the माना marhwa. These are, north of the Ganges, बन्देनेवार bandnewār or बनवार banwār. South of the Ganges they are बन्दावार bandanwār, and in South Munger चेरा ghera. In South Bhagalpur mango branches are hung about the house, and are called पक्षी pullo.
- 1312. In the bridegroom's house, before the marriage procession starts for the marriage ceremony, very similar occumonies are gone through; the मटकोड़वा matkorwa is performed. A चूट्या chulha is made in the court-yard. The plough-shoft, yoke, and bamboo twigs are buried, and the earthen jot with lights is set up. Only no माजा markwa is built. The ceremonies of चूमाना chumauna and द्वारी चार्य hardi charhāeb are performed on him, as is done to the bride.
- 1313. The paddy reserved from the unazel dhanbatti is parched in the unate chulha. This parched grain is taken with the wedding procession and mixed with that parched in the bride's house, and with it scattered at the circumambulation (§ 1332).
- 1314. They then cover him with cosmetic (ভৰতৰ ubtan, &c., see § 1342), and his nails are cut by a barber's wife, he sitting in front of his mother, and his mother wearing the maur (see § 1326). This, as in the bride's case, is called ৰছকু nahchhu (see § 1326). The ceremony of হমলী ঘাঁহাছ imli ghoñtāï is also observed (see § 1310).
- 1315. He is then bathed and anointed, and sets out with the marriage procession. A little of the water in which he was bathed is brought with him. This is called un a unfil sinch ke pāni. He is not allowed to bathe again until the until chauthāri (see § 1340) When the marriage party arrives at the bride's house, this water is given to her mother, and at the time of the girl's nahchhu, the barber's wife will mix it with other water, and bathe the bride with it immediately before cutting her nails.

- 1316. The first scattering of rice.—When the bride-groom arrives at the door of the bride's house, the women of her family receive him and scatter over him uncooked rice, the dung of a heifer, balls of cooked rice, and other articles. A married woman of the family then takes a brass pan (द्यापी chhāpi or घारी thāri) and a small lamp (दोषा dāya) and gives them to the bridegroom; and then, holding two corners of her mant'e (चुनरो chunri), touches with them the pan, then the boy's fore-he id, and then her own. This is called परिद्यावन parichhāwan, परिद्यान parichhan, परिद्यान parichhan, परिद्यान parichhan, or परिद्यान parichhani. A similar ceremony is called in South Bhag l'pur ग्राविद्या galsedi.
- 1317. The ceremony of the postle—The girl's mother then rubs in the palm of her hand a curry pestle (), which she applies to the cheeks of the bidegroom. This is called now with a gal senki. This custom is not known in South Bhagalpur. Instead there is performed a ceremony called and dhūa. A man disguises hims if as a woman and approaches the wedding party with a jar of water. He says he is a woman of Kāmtūp A sam) come to give away the bride, He then sprinkles water on the bridegoom. (Compare § 1320.)
- 1318. The marking of the bridegroom's forehead with sandal peste before marriage is বিজয় tilak or বিজয় tillak. In South Bhagalpur it is বৃদ্ধ chandan. This is done by a man called in the west বিলয়ত tilkahru, and in the east বিলয়ত tillakdeua or বিজিনিশ্ব tilikiya. He is generally the bride's father. This tilak is quite distinct from the tilak paid at the time of proposal of marriage.
- 1319. These ceremonies at the door are called collectively হুৱাহ ঘুনা duār pūja. In South Bhagalpur they are known as ইয়াহ জনাই duār lagāi. Those described above are those performed by goālas in Patna. Other castes have other customs,—the higher ones contenting themselves with giving presents to the bridegroom and scattering rice (ব্যক্তর achehhat) over him.
- 1320. The wedding procession then proceeds to put up in a place set apart for them. This is called जनवाँचा junwānsa or (in North-East Tirhut) बेडकी baithki or बायचा bāsghar, and in South Bhagalpur जनमाया janmāsa. A male member of the bride's family (generally her sister's husband) then brings to the जनवाँचा januānsa a bowl of sweet drink or sharbat, called प्रा dhāa, and covered with a red cloth. He also brings some urid (dolichos pilosus) flour mixed up with finely-powdered pepper. This is called जनवाँचा bukua, On his arrival at the जनवाँचा januañsa he scatters this in the ai causing the bridegroom's party to sneeze. He then gives all those

present to drink of the sharbat. The whole ceremony is called ৰুদ্ধান bukua urāi A similar ceremony is called, north of the Ganges, ধুকুক dhurchhak, in which water is sent in pitchers, and a little scattered over the party with mango strays.

- 1321. The barber now comes for the bridegroom's wit maur or head-dress, as will be subsequently described, which he takes away to the bride's house.
- 1322. When all is ready the friends of the bridegroom leave the जनवादा jauwānsa with great pomp, carrying with them the presents for the bride. Amongst these is a valuable cloth, called कन चार kaneāi, or in South Bhagalpur विद्योती bihauti, which is taken to the female apartments, and in which she is dressed. She is then brought out and made to sit in the मान्या marhwa. This visit is called विश्विद्या nirechehan, विश्विद्या nirechehan, or विश्विद्या nirechehan, as the bridegroom's party see (विश्विद्या nirekhab, to see) the bride now for the first time.
- 1323. Then the ceremony of asking the bracelet is performed. The bridegroom and seven other men husk paddy in a mortar. When husked, two or three grains are wrapped up in mango leaves to form a kind of bracelet. Two of these bracelets are made, and one is tied on to the bridegroom's right wrist, and the other on the bride's left wrist, by a Brahman. These bracelets are called as a kangan or as kankan. The ceremony is called as a uthongar, with athaungar, or (in Patna) athaungar.
- 1324. Then follows the adoration of the bride. In this ceremony the elder brother of the bridegroom (or in default of him some elder of the bridegroom's family) offers sweetmeats, molasses ( $q \in g\bar{u}r$ ), and ornaments to the bride. He then takes some betel-leaf and tyre ( $q \in g\bar{u}r$ ) in his right hand, and presses it against the bride's forchead, at the same time pressing his left hand against the back of her head.
- 1325. These two ceremonies are together called and and, next gurhatthi, or next gurhatthan, and signify that he has touched her once for all, and that if he touch her again he will be guilty of a sin. In South Bhagalpur they are performed by the bride's sister, and both bride and bridegroom are adored. There the ceremonies are called next guraundha.
- 1326. Then the bride's mother sits in the आप्ता marhwa with the bride between her knees, holding her round the waist. The

ceremony that follows is the cutting of the nails. This is called 78% nahchhu, नइक्या nahchhua, नइक्या नद्वावन nahchhua nah āwan, नद्दविखा nahkatiya, or (in Shahabad) नद्दद्वी nahtungi. In South Munger it is नक्ष्माए nachhunāë, and in South Bhagalpur जोक्या lauchhua. The bride's mother has previously sent (§ 321) a barber (ESIH hajām) to the जनवांसा januañsa to ask for the head-dresses. There are two headdresses,-one worn by the bridegroom, which is made of talipot-leaves and is called and maur; the other is worn by the bride, and is called मौरी mauri, or (south of the Ganges) पटवासी patwasi, or पटमौरी The bride's head-dress is made of date-leaves. patmauri. barber brings these two to the bride's house and puts the मौर maur on the mother's head and the Hill mauri on the bride's head. Then the barber's wife (इजारिन hajāmin) cuts the finger and toe-nails of both the bride and her mother (the bridegroom's having been cut before he left home).

- 1327. The bridegroom's party then returns to the জনবাঁহা januarsa, and the bride goes inside the house and exchanges her কৰি মাহ kaneai for her wedding dress or ঘিৰাই piāri (see § 1348). The bridegroom is then sent for and is seated under the মানে marhwa, and the father or elder male relation brings the bride and seats her beside the bridegroom under the মানে marhwa, to his left. Some one belonging to the bride's family then goes inside and gets the bridegroom's maur from the bride's mother, and brings it out, and it is put on the bridegroom's head.
- 1328. Then the marriage service is read by the Brahman. This is called ग्रमञ्जा shumangali or समञ्जा snmangali. The bridegroom sits under the मा आ murhwa in front of the bride. The father of the bride sits kneeling on one knee, keeping the bride sitting on his other thigh. This is the ceremony of giving the girl in marriage, and is called कर आ इस स्वार्ध तिका or जीवा (जीव or जीवा) वैसासक jängha (jangh or janghiya) baisāëb.
- 1329. It is not necessary to describe particularly the procedure carried out by the officiating Brahman. He recites (or is supposed to recite) verses from the Vedas, and leads in various acts of worship, such as throwing incense on the fire, throwing rice (अच्छ्त achchhat) about, worshipping Gauri, and the like. At one period the Brahman puts into the bride's father's hand a shell containing water, flower, achchhat, and metal, and makes him empty it round the base of the earthen pot

चौसुख chaumukh) is burning. He makes him do this five or seven times. This completes the ceremony of काने आ दान kaneāñ dān.

- 1330. From the time of the arrival of the बरियात bariyat up to the completion of the क्लेड्स इान kaneāñ dān, the father and mother of the bride can eat nothing.
- 1331. Next follows the knotting together of the clothes of the bride and brideg oom. This is गँउ बन्धन genth bandhan generally. South of the Ganges it is sometimes known as गँउ जोड़ genth jor or गँउजोड़न gethjoran, and in South Bhagalpur as जनम गँउ janam genth. At the same time something of small value, such as a two-anna piece or a few pice, or sometimes a piece of betel-nut, is tied in the bride's waist-band and in her breast-cloth by the Brahman. Sometimes an ornament is tied to the bride's sheet, which is called क्या पाला (or पहला) añchri pālo (or pallo).
- 1332. The circumambulation of the sacrificial fire.—This is sometimes done by both bride and bridegroom, sometimes. e.a. in North-West Tirhut, by the bridegroom alone. They or he carry a winnowing sieve. The bride holds it in her hands in front of her. and the bridegroom follows her with an arm passing round her on each side, also supporting the sieve. Her brother fi'ls the sieve as they go along with parched grain prepared in the fireplace formerly under the HE HI marhwa, which the bridegroom at the same time scatters by shaking the sieve with his hands (this is called जावा किटाइ lāwa chhitāi or, in Shahabad, जावा निराहन lāwa mirāib). Care is taken to keep the sacrificial fire (when there is one) or the altar to the right.\* It is considered unlucky for the girl to pass it to her left. This ceremony is called भावर bhanwar, भ वरी bhanwri, भौरी bhaunre, er यत भौरी sat bhaunri. It is also called वेहि ब्रमाएव bedi ghumāëb This circumambulation is performed five times, and is the important part of the ceremony. The couple on its conclusion are fumigated with incense by the officiating Brahman. This is called आहत arat बारती arti, आती agti, or अतियासी agiyasi. In South Bhagalpur it is called the hom.
- 1333. When this is done, the bride's sisters and her brothers' wives amuse themselves by pushing the bridegroom about, and lifting him up by the ears. This last is supposed to be done five times, but

<sup>\*</sup> The reverse rule is observed by some castes when the horoscope makes out that it is necessary.

is rarely done more than once. It will be seen that this is only done by females. Amongst the Tirhutiya Brāhmans and Kayasths, however, it is done by the bride's brother. The ceremony is called बर्क वैधायव उदायन barak baisāëb ut hāëb.

- 1334. This is followed by the application of vermilion. In this the bridegroom takes a small cap containing vermilion in one hand, and applies vermilion to the parting of the bride's hair with a piece of hemp. This is called **\(\frac{3}{3}\) \(\text{2}\) \(\text{3}\) and respect to the parting of the bride's hair with a piece of hemp.**
- 1335. The stopping at the door.—The couple then leave the court-yard and go into the house where the family deity is put. This house is called कोइवर kohbar, or in South Bhagalpur कोइवर o kohbara. At the door they are stopped by the sister of the bride, who require the bridegroom to repeat certain verses, called द्वांच duraundh or द्वांचा duraundha. The bridegroom demands a present for doing so, and on this being given he repeats the verses. This ceremony is called द्वार विवाद duar chhenkan or द्वार क्वांचा duar chhenkaun.
- 1336. The stealing of the shoes.—The bridegroom takes off his shoes before entering the house. If he is silent or is too nervous to speak much, the bride's sister may, as a joke, steal his shoes while he is inside, and conceal them somewhere, in order to compel him on his reappearance to speak, and say "where are my shoes?" This ceremony is called an alternative chorāi. In South Bhagalpur they make the bridegroom bow to a pair of shoes covered with cloth, and the ceremony is called an alternative jūta gor lagāi.
- 1337. The couple then kneel facing the north-east, and perform the worship of the tutelary delay of the family, offerings being made to him at the same time. This is called nit united, the promised presents given to the sister of the bridegroom, and the marriage is concluded, the bridegroom returning to the united januarsa, and the bride remaining in the house.
- 1338. Shortly after the marriage though this sometimes takes place the morning after, the bridegroom goes to his mothe -in-law, who feeds him with rice-milk After eating a little he son etimes takes the rest, dish and all, to the जनवांचा janwāñsa, and finishes it there, or sometimes leaves it unfinished. This is called खोर खियान khīr khiyāo or वियादी भात biyāhi bhāt, or (in East Tirhut) महुखन mahuak and in west Tirhut खिरखियोंनी khirkhiyauni.
- 1339. If the bride's people invite the bridegroom's people to stay over the night, it is called ATMIT THE marjad rakhab. This may last

for two or three days or more. On the expiry of the period of Hinz marjad, the bride's people see the bridegroom's party off. This is called रोसकति करि देव roskati kari dēb, &c., as in § 1291. In South Bhagalpur it is also called सोटलो totli. It is managed as follows: The bride's family collects in the court-yard all the presents received from the bridegroom's party, and with the assistance of village friends assesses their value. All this time the bridegroom's party is away in the जनदोसा janwāñsa. When the value has been assessed, the bride's father collects on his side presents to the value of at least one-fourth greater value than those received, and takes them to the जनवांचा janwāñsa. These return presents constitute the dowry, and are called the इच्चेज dahej. The bride's father lays them before the bridegroom's. Then the bridegroom's father takes a new cloth (TET chaddar) and puts it on the bride's father. The bride's father in return presents the bridegroom's father with a purse of money of the value of the chaddar. Then both salām to each other. Then the bride's father, in token of allowing the other to depart' presents him with a sum of money varying according to means, and a lota of water, saying " TH TH ram ram," to which the other replies in the same words. This ceremony is called रमरमी rumtammi, मोचन milan, मिलानी milni, or समधी मिलाना samdhi milawa. The two fathers are now, by relation, समझे sandhs to each other, and in token thereof they exchange cloaks and garlands. These exchanged cloaks and garlards are called समधी sandho. Amongst lower castes. as the procession is about to start, the bride's father gives each member money sufficient for the way expenses and drink, called azara batsari, and in South Bhagalpur पायक pathak. Then the procession. bridegroom and all, goes off.

- 1340. The untying of the bracelets.—Four days after the marriage the bride and bridegroom bathe, and the bracelets on their two wrists are taken off. This ceremony is called Tuil or Total chauthāri or Total chauthāri or Total chauthāri. This is the first washing the bridegroom and bride get from the time of the arrival of the procession before the marriage. During the interval they have been anointed with cosmetics, Total ubtan, &c.; see § 1342. Usually this is done in their respective houses, but in Patna the bridegroom sometimes goes to the bride's house to perform the ceremony. This concludes the marriage proceedings.
- 1341. Miscellaneous.—The wedding breakfast is (north of the Ganges) काली kalau or सम्मनी majhni. South of the Ganges, in Shahabad it is पहल panghat, and elsewhere गोरीचा goraudha or गुरीचा guraudha.

The feast at the house of both parties the day before the marriage procession is भतवान bhatwān, भतवानी bhatwāni, or भोज bhoj. Before eating the guests wash their feet, and the ceremony is called पॅर पखारी pair pakhāri, पॅर पखरबा pair pakharua, पांच पखारी pāñw pakhari गोड़ चोइ gor dhōï, or गोड्योबाद gordhoāï.

- 1342. The cosmetic of turmeric, meal, oil, &c., rubbed on the bride and bridegroom for about ten days before marriage, is north of the Ganges अवटन abtan, and in East Tirhut उत्तरन ugtan, कसार kasār or कासा kāsa. South of the Ganges we find उवटन ubtan or (in Patna) खोवटन obtan very generally used; also आंवट āñwat and अपटन aptan in Shahabad, उकटन uktan in South Munger, and कासा kasa, कसार kasara, or उटकन utkan in South Bhagalpur.
- 1343. The horoscopes of the boy and girl are everywhere जनम पत्र janam patr or जनम पत्र janam patri. Also, very generally टीपन tīpan. In West Shahabad they are also कुण्डली knndli. If they agree, the phrase गनना बनव ganna banab, or जोग मिलव jog milab, राम बर्ग वैस गेल rās barag bais gel, is used. To calculate the horoscope is गिनव ginab, or जोग मिलाएव jog milāëb, or दिन गुनी करब din gunni karab, or बभन पुच्छी babhan puchchhi.
- 1344. When the auspicious day for the marriage has been fixed, an announcing letter is sent to the bridegroom's father. This is known as the আন এলা lagan patri, or simply as the বিতা chitthi, The formal invitation to the wedding is ন'বনা neñwta or ন'বনা neota, or (in East Tirhut) নবন nawat.
- 1345.. The feast given to the brotherhood at the wedding is known as মহআহা bhaïāra, মহআহী bhaïāra, মহআহী bhaïāra, মহআহী bhaïahāro (Shahabad), ভীৰন(হ jeonār, or মীভ bhoj.
- 1346. In North-East Tirhut, amongst certain castes, especially the Bikaua (বিকাম) Brāhmans, caste money is paid as follows. If the bride's father is of lower caste than the bridegroom's father, the latter pays the former a sum in compensation called কৰ আ হাব kaneāñ-dān. In South Bhagalpur this is called মৰ main. If the bridegroom's father is of lower caste, he pays the bride's father a sum of money called বিকাম bikri.
- 1347. The presents given are as follows:—ঘন্ধ sanes, ভাষা dāla, or ভাষা হাবে dāladara, are the presents sent by the bridegroom before the arrival of the procession. ছেল dahej, as already explained is the dowry paid by the bride's father. Before the bridegroom leave after the wedding, he goes to bid his mother-in-law good-bye. She

and the other women give him presents, which are called सलामी salāmī. Other similar presents are in South Munger पूरन pūran and in South Bhagalpur चौंक chaunk. निकाबर nichhāwar, निकाबर nichhāwar, निकाबर nichhāwar, विकाबर nichhāwar, or ने बहावर neochhāwar, are presents made to the barber and his wife. जिल्ला gaidān or गौरान gaudān is the present of a cow made by the girl's father to the family priest (परोचित parohit, or (in East Tirhut) प्रोचित purohit or अवाज achārī). गुरहत्यो gurhatthi has already been mentioned as the ceremony of giving presents to the bride by the bridegroom's elder brother (§ 1325). मोहरेखार mohdekhāi, सुरेखीनी mudekhauni, or मुरेखो mudekhi, are the presents given to the bride by her mother-in-law or other female relatives of the bridegroom on her first coming to her husband's house.

- 1348. The पिचरी piāri, पीरो pīri, or (in South Bhagalpur) कनिऐती kansaiti, is the bride's yellow dress and कन्छावर hanhāwar or कंघावर kandhawar is a red loin-cloth laid upon the bridegrom's shoulder during the ceremony.
- \$ 129:. The procedure is as follows:—When the bride is old enough to live with her husband, an auspicious day is fixed. Some days before the date, the bridegroom's family send a present of sweetmeats called गौना के ने आरा gauna ke neāra. On the evening of the appointed day the bridegroom and his party arrive, and after feasting go off with the bride at dawn next day. The day before, a plough shaft (इरिड haris), but no yoke or bamboo twigs, has been buried in the court-yards of each of the respective families. Before the bride and bridegroom start, their nails are out. This is called वह कहाई nah chhackhāï or नोइ क्लाइ noh chhilāï. With the party the bride's people send one or more gaily decorated earthen vessels full of sweetmeats, called कुछा kunda or महर mahar. The ceremony of cutting the nails is called in West Tirhut नोइ क्लाइ nawh chhilli.
- 1350. When the party arrives at the bridegroom's house, the bride passes from the litter to the door, putting her feet into a basket at each step. This is called होरा में गोर डाउन daura meñ gor darab or चर पेंचारो ghar paisari.
- 1351. On entering the dwelling the couple go into the house where the family god is, and worship him. This is called nit जगाएन gor lagāëb.
- 1352. As they go into the house, another ceremony, called दुबाद

demands a present, and when it is given or promised she allows them to pass.

- 1353. On certain ceremonies performed by Soti Brahmans of East Tirhut.—Different castes and different localities have various marriage customs, but the one just described may fairly be taken as a standard Hindu marriage ceremony. It describes a marriage such as would take place in a well-to-do goala's house in the district of Patna.
- 1354. The Soti Brahmans of East Tirbut have several curious marriage customs which have existed for many hundred years, some of which will now be noted. The greatest care is kept in keeping up correct genealogies of members of this clan. The genealogical registers are called पाँची panji and they are kept up by hereditary genealogists called पाँचा panjiyār. Once a year or oftener there are great meetings of these Brahmans at Saurath, near Madhubani, and other places, where the panjiyārs assemble and write up the registers. They also arrange marriages after consulting their registers, and give certificates to the parents certifying that the marriage is lawful, and that the parties are not within prohibited degrees of affinity. These certificates are called अधिकार माजा adhikār māla or असुजन पुत्र asujan patra. The settlement of the conditions of marriage is called स्वांत sidhānt.
- 1355. When the bride is of equal or higher caste than the bridegroom, the parties meet in a distant place away from both their homes, and the conditions are proclaimed by the panjiyārs present. If, however, the bride is of lower caste, the following procedure is adopted:—

The bride and her faimly leave their house and going a little distance off erect a HL AI markwa for the marriage ceremony. On the day appointed for the wedding, the bridegroom starts from his home with his servants under the pretence that he is going out hunting. None of his relations accompany him, and although they, of course, really know for what he is starting, they pretend to be ignorant. When he arrives within a little distance of the HL AI markwa, he stops and then the sidhānt is proclaimed. By this time the marriage preparations are ready, and the bride's brother comes to him and conducts him to the appointed place. On his arrival at the door the bride's female relatives, each being called for this purpose a AIAAI bidhkari, catch hold of his nose with one hand, and with the other hold a sheet tied round his neck. In this condition they bring him into the HL AI markwa, and there the marriage is performed.

- 1356. After a time the bridegroom's friends pretend that he has been lost in his hunting expedition, and send a man called the extension and the strautra to look for him. He returns shortly afterwards, and informs them that the bridegroom has married so and so, whereupon they all fall to and abuse him. After abusing him they change their minds and reward him.
- 1357. At the marriage a barber ties some paddy in a knot in the bridegroom's waist-cloth (ছালা dhoti). This is called অনম মতি janam genths. This is not untied until the 'ourth day after marriage, which is by this sect called the चतुरथो chaturthi.
- 1358. Another ceremony is the হ্ৰীন dasaut. In this a professional dancer (নহুত্ৰা natua) comes up to the bridegroom and offers him sham sweetmeats (বছত laddu), in return for which he receives presents. After this the bride and bridegroom go into the বাছৰ kohbar to worship the family god. On the way the bride's female relations set up shops of paltry articles, which the bridegroom is obliged to buy.
- 1359. Another ceremony is ঘৰৰহ হা ghaskatti. In this the bridegroom cuts some grass for his father-in-law, and in return the latter promises to give him a horse.

#### CHAPTER IV.—MARRIAGE CEREMONIES AMONGST THE MUSALMANS.

- 1360. The writer is indebted to Kāzi Sayyad Raza Husain of Patna City for the following facts:—
- 1361. Amongst Musalmans there are two kinds of marriage ceremonies, आर्ड (شويي) sharaī and उर्पो (عرفي) urfi, or religious and ceremonial. The more strict and educated members of the community follow the former, and the common people the latter.
- 1362. पार्ड (شرعی) sharas marriages are entirely free from cere monies of any kind. After the betrothal the marriage is performed in strict conformity with the sacred law. The amount of dowry (पार्ट (سرم)) mahar) is not fixed, but depends on the pecuniary circumstances of the parties. Immediately after the marriage, the wife goes to her husband and is settled for life.
- 1363. उर्पो (عرني) urfi marriages are not so frequent as they used to be. The spread of education and railways has tended to make people stricter in their religious duties, but, specially amongst the lower

orders, the following ceremonies are still in vogue. In these marriages the dowry (ART (172°) mahar) is always fixed. In the cities it is fixed at one lakh of rupees, and in the villages at forty-one thousand rupees and one dinar. This is the amount of dowry promised by even the poorest people. It is needless to say that it is never given.

- The parents first make themselves acquainted with one another's pecuniary circumstances, and the negotiations are carried on through a female match maker (ANIGI (anidate)) mushāta). When the preliminaries are settled, a letter of ceremony is sent by the guardian of the boy to the girl's family. This letter is written on red paper, or on white paper sprinkled with red. The carrier of the letter, on arrival at the girl's house, is given sharbat to drink, and detained for a day or two. The reply is written on similar paper and returned by him, and this correspondence settles the marriage question. From this time marriage presents are exchanged between the parties, the boy's guardian making the first present. If at this time any women come from the house of the bridegroom on a visit to the bride's house the bride will not show her face to them.
- 1365. In some places, before the marriage is decided on the girl's guardians first see the boy. This may be done in two ways: either the girl's people send for the boy to their house, and serve him with betel-leaf, and give him rupees or gold mohars, or else the guardian of the bride sends some relative to the boy's house. There on his arrival, he is given sharbat to drink, and the first thing given him to eat is sweetened rice (Hist with a chāur). This relative reports concerning the boy to the girl's guardians.
- 1366. Betrothal.—This is Hint (with) mangni. In this the boy's guardian, after consulting with the other party to the contract, fixes a date, on which he sends presents with considerable ceremony. Large coloured earthen pots are filled with sweetmeats and fruits, and sent with a large party. In some places a suit of clothes is also sent. The pots are carried on the heads of maid-servants, who sing songs when they start and when they approach the bride's house. As soon as they arrive they are given sharbat to drink, and while they drink the bride's people sing abusive and obscene songs to them. The persons that supply them with sharbat receive a small present. The maid-servants are also given sweetened rice to eat in a dish covered with silver leaves and pieces of fruit. Sometimes they are given sweetmeats to eat first and then dishes prepared with salt. They are

detained for at least one day. When they leave the bride's house on their return journey, they are given presents in money and sometimes suits of clothes. They are also given a plain ring (ESI chha/la) a red handkerchief, and some sweetmeats as presents for the bridegroom.

1367. The letter of promise वादा का तका (وعدة المناق المن ka rukka .- When the time of marriage approaches, the parties, either orally or in writing, fix a date for it. Afterwards a customary letter of promise is sent, written on red paper and sprinkled over with pieces of gold or silver leaf. The letter is to the effect that such and such a day has been fixed, and that the writer hopes that it will meet with approval. Amongst poor families, the letter is sent in a bag of red cloth or velvet, together with two betel-nuts, some green grass, one or two pieces of turmeric, and a little rice. Amongst rich families, the letter is sent in a silver or golden box. The box is placed inside an embroidered bag together with the betel-nuts, &c. The whole is sent on a silver plate. The letter is always carried by a barber, who is given a handsome present, consisting of cash, clothes, and utensils by the girl's guardian. The guardian sends a reply either through the same man or through a messenger of his own. A tailor is then sent by the girl's guardian to take the measure of the bov's dress. He also gets a present from the boy's people on going away. The marriage must take place not more than two months after this correspondence.

1368. The going into retirement of the bride and bridegroom attached and bridegroom sit in māniha.—After the interchange of letters, the bride and bridegroom sit in māniha.—The girl puts on a sheet dyed with safflower, and the women of the neighbourhood and her female relations assemble, and rub her with cosmetics (sasaubtan), singing songs as they do so. From that day the girl sits in a room, and never leaves it except for necessary purposes. She does not see the face of any man,—not even of her father or her brother. She eats only milk and fruits, and every day the barber's wife comes and applies cosmetic to her. In the meantime the boy is undergoing the same treatment. He wears similar dyed garments, is surrounded by females, and cosmetic is rubbed on his body every day. In South Munger he does not thus go into retirement.

1369. The ceremony of the grindstone—चन्नी chakki—and the washing of the pulse—दाल मोई (دال سري) dāl shoï or दाल मोई dal dhoi

Two or three weeks before the marriage a grindstone is put in one of the rooms of the female apartments of both the houses, which has been previously well cleaned. The following day a number of women assemble and singing, accompany the maid-servants who carry some mang (phaseolus mungo) to a well or river. Arrived there, they joke and sprinkle water on each other, while washing the grain. They then bring it back in the same way. It is dried in the sun, and ground into flour on the grindstone by seven women whose husbands are alive (HEINTA sohāgini). It is then made into a dish called at bari for the ceremony of att (wee) kandūri (see § 1377).

- 1370. The cutting of the clothes.—This is called fact पारचा (المحالية) kita pārcha, and takes place in the bridegroom's house. Men and women are invited, songs are sung, and the tailor cuts out the marriage dress of the bride. When it is cut, all the men present congratulate the boy's guardian, and give the tailor a small present.
- 1371. A similar ceremony takes place in the bride's house on the day of the marriage procession. There the bridegroom's wedding garment is prepared, and when it is being despatched to him the male friends of the family assemble under a canopy in the female quarters. A few stitches purposely left unfinished in the bridegroom's drawers are then completed by the tailor, who gets some small fees from those present. This ceremony is called আৰ (or, in South Munger, जामा) बक्रीत्व (ماز بيرتنا) sāz (or jāma) beotab.
- 1372. The vigil.— Idamit ratjagga.—This ceremony takes place in the houses of both parties. A spot in the house is washed, and a small wooden stool is placed therein. A new water-pot is placed on it and is covered over with a new earthen cover. A red handkerchief is then tied on it. A garland of flowers is then placed round the neck of the pot, sweetmeats are cooked, and hymns sung entreating God to bless the bride and bridegroom. The women sit up the whole night near the water-pot, thereby intending to keep God awake. At dawn the sweetmeats and (ITH (C)) rihum\* and sharbat are offered to God They are then distributed among the people.
- 1373. The erection of the canopy.—

  # [ العلم على العلم العلم

<sup>\*</sup> Rise-flour mixed with clarified butter, sugar, and milk, and made into balls.

or any near female relation of the father of either, comes in and stops the work. The persons employed are not allowed to proceed till they have promised to pay her a sum of money. When the canopy has been safely erected, a paste of sandal powder is rubbed on the faces of those present. In some places, after the erection of the canopy, a goat or a cow is sacrificed in memory of the saint Shaikh Abdul Qādir Jilani, (شيخ عبدالقادر جلاني). The flesh of the animal sacrificed is cooked on the spot where it was killed, with rice and gram, in new earthen pots. When cooked, it is offered in the name of the saint, and then eaten.

- 1374. The same night another ceremony takes place. A potter is ordered to make a small water-pot. This is coloured and painted with figures of horses and elephants. It is called **ANNI** kalsa. It is placed in the courtyard and covered with an earthen cover, on which ears of rice and mango leaves are put. A four-wicked lamp (Annukh) is kept burning on it every night. This pot is neither opened nor removed till the marriage ceremony is over. When it is first deposited, the women sing a song over it, the purport of which is, "We have shut up storm, rain, serpents, scorpions, and worms herein."
- 1376. The song of Balaimiyan.—This is called पीर जा जेना (بيركا نبري) pir ka naija, or बार्ज मीर्या (بالرحيان) lalai miyan, Next day the females of the neighbourhood are invited; a spot is washed beneath the canopy, and the green branch of a mango tree with leaves on it (or sometimes simply a wooden stick 3 or 4 feet high) is erected therein. A red handkerchief dyed with safflower is spread over it. The women then sing the song of Bālai Miyān. At the same time an sitest ankhiya\* is put in a new earthen pot, offered to the saint, and then distributed to the people

<sup>\*</sup>A kind of cake made of wheat-flour and rice-flour and boiled in water. It as shaped like the eye, ankhi: hence its name.

1377. Offering to deceased elders.—This is called কাঁহ্যী (کندوري) kandūri or बीबी के सञ्चनक (ابیبي کي صعلک) bibi ke sohnak, and takes place on the same night as the last ceremony. An earthen fireplace (चूरहा chūlha) is prepared at home and placed beneath the canopy. The maid-servants go singing to fetch water, carrying several water-pots covered with red cloth, and accompanied by musical instruments. must be married women of good character; they may not be widows, or women who have married twice. In the water which they bring, rice, gram, mung (phaseolus mungo), fruits of the egg-plant, and pumpkins, &c., are cooked. When cooked, first the rice is distributed on earthen plates, then on it the pulse, then a little tyre prepared specially for the occasion, and then the vegetables and cakes. On each plate one betelleaf and one garland is laid. In some places only rice, curds, and sugar, are put on the plate, and this is called मीठी केंद्र री mīthi kandūri. plates are prepared in great number, and have been previously kept in a room washed for the purpose. Then the plates are offered, first one in the name of the prophet, then one in the name of his daughter Bibi Fatma (فاطمة), then one each in the names of many saints, and then one each in the names of the deceased members of the family, so far as they Great care is taken to make offerings in the name can be remembered. of all of the last. After this the females of the neighbourhood and those related to the family who have been invited assemble in a place in the courtyard (आँगन āngan) of the house, which has been well washed for the occasion, and sing songs in the praise of Bibi Fatma, and eat the offerings. No woman who has been married twice, or who is unchaste dare eat out of these sacred plates.

1378. The anointing.—तेल चाएव tel charhāëb.—This takes place in the houses of both the bride and bridegroom the day after the last ceremony. Each is made to kneel down on a wooden bench (चीका chauki), and a yellow cloth is thrown over him or her. Then seven married women (चोकाणिन sohāgini) tie up seven cakes (स्वाका suhāli\* and पीटा pītha) in a yellow handkerchief, and wave it round their heads. Then they anoint the whole body of the bride or bridegroom with oil. A small bundle is made up of mustard seeds tied up in a piece of yellow cloth, and then tied on the arm of the bride or bridegroom. This is called कॅगना वांचव kangna bāndhab.

<sup>\*</sup> A cake made of flour and turmeric and fried in clarified butter.

- 1379. The marriage procession.—This is वरियात bariyāt, &c., as amongst Hindus; see § 1290. When the time for the departure of the bridegroom's marriage procession draws near, the maid-servants of the bridegroom's house go out, singing songs, to fetch water. their return they are stopped at the gate by the musicians, who refuse to let them pass till a present has been made to them. The water is placed under the canopy, where also a small stool is placed. The male members of the family assemble there, and, as songs are sung, the brotherin-law of the boy, or any near relative, digs a pit there. This is called 'digging a pond,' पोखरा खोदन pokhra khodab. He also gets a present for doing this. The bridegroom then bathes at this place, and puts on his wedding garments, consisting of (a) coloured drawers, (b) a kind of overcoat (जामा (اجام) jāma) dyed with the safflower, or made of एकरङ्गा ekranga or of brocade (असावरी (اسارزي) asāwari), (c) a white turban covered with a red cloth, or a red turban, (d) a garland of flowers, and (e) a handkerchief carried in the hand. He then mounts on horseback. and visits first the grave of some saint, where he makes an offering of sweetmeats, and then the village imāmbāra (दमामनाड़ा ( اصام بازا ),\* where he makes a similar offering. He then starts for the bride's house, and on approaching it he pays similar visits to the tombs of saints and the imambara there. In the meantime the bride has also bathed, put off her Him mānjha dress, and put on another which has been prepared either in her own house or in that of a relative.
- 1380. When the time for the arrival of the bridegroom approaches, the bride's maid-servants set out on the road on which it will come, carrying with them rice soaked in water and a newly-made ladle (To doi), to which is tied a piece of red cloth. They stop at a well or a river, lay the ladle down on the ground, and cross over it one by one, eating the rice as they do so. They then dig up a factorizat shrub which they had previously noted, and carry it home, singing songs. The root of the tree is ground up and made into pills, which are administered to the bridegroom on the night of the water jalua (§ 1884).
- 1381. The sending of presents.—This is called ৰাৰ (আৰু (আৰু কিনে))
  sāchak. Before the arrival of the marriage procession a বাং bari is sent

An imāmbāra is, according to Bihar tradition, a building erected in honour of the celebrated martyr Imām Hassan, the grandson of Muhammad.

<sup>†</sup> Achyranthus aspera, said to be of sovereign virtue to one bitten by a venomous reptile or stung by a scorpion, &c.

to the bride's house. This word has two meanings, viz. (1) a dish of cooked pulse, and (2) that here referred to,—all the following presents taken together. It consists of:—

- (1) Dresses for the bride, of from one to twenty-five suits. The first suit, or wedding dress (বাৰ কাৰা rāt ke jora), is also called the মাছাৰা (এএএ) shāhāna or royal suit. It is not worn after the fourth day of the ceremony. It consists of a pair of long drawers of satin cloth and a নামা jāma (see above) of brocade, tasar silk, or एकाइन ekranga. A second suit, of also of fine materials, for the fourth day is called the নামা কাৰা chauthi ke jora; and a third suit, for the tenth day, হ্ৰহ্ম কাৰা dasahra ke jora. Each suit is of less value than the preceding one.
- (2) The chaplet, (4571 (171-) sihra, for the bride.
- (3) Some raw thread dyed with safflower. This is called বাজা nāra or কলাবা (৬৩৬) kalāwa, and varies in amount from one or two chhatanks to a maund.
- (4) Some otto of spices, ৰাছান ক অনহ (سهاك كا عطر) sohāg ke atar.
- (5) Sweet-scented oil.
- (6) A cone-shaped basket (called বাছান মহা sohāg pūra) of bamboo, coverd with red paper and containing ছুবাছৰ বা chhalchhabela, নাহ মাখা nagr motha, বাজ ছুড় bāl chhar, the bark of the bay-tree (বাদ tai), cardamons, sandal-wood, grains of musk, nutmeg, mace, saffron, cassia, turmeric, &c.
- (7) Sweetmeats.
- (8) Fruits viz. almonds, pistachios, grapes, dates, cocoa-nut kernel, &c.
- (9) Spices for betel.
- (10) Fifty-two water-pots. These are small in size and are gaily coloured. In each a little rice, some betel-nuts and some mange-leaves, are put.

These things are carried on the heads of maid-servants in procession in trays, accompanied by torches, music, and fireworks. First comes a large tray carrying the royal robes, then small trays, on each of which is placed another suit, and then the rest. The whole is covered by a long piece of cloth called support daljhakna.

- 1382. In the meatime the bridegroom's dress is despatched from the bride's house, with a tailor, to meet the procession. The dress consists of a red sith jāma (see above), long drawers of silk often worked with gold and silver flowers, a turban covered with a red handkerchief on which is laid a garland, and over this a very thin handkerchief, called Hatt (\*\*\*) muqna or veil, and a red handkerchief for him to carry in his hand. When the bridegroom is clothed in this by the tailor, he gives the clothes in which he has travelled so far to the barber, who follows the bridegroom, carrying an umbralla over his head. Then the ceremony of fatts (\*\*\*) nikah or religious marriage is performed, and dates and sweetments distributed to the assembled guests.
- 1383. After this the bridegroom goes on horseback to the bride's house with great pomp, accompanied by a large party of men with torches, fireworks, and music. When they reach the house. all the men remain standing outside, while the bridegroom enters the female quarters of the house either on foot or horseback. There he sits on a wooden stool (which is given him in dowry), and his mother-inlaw (or if she be dead, some other female relation of the bride) comes to him carrying a plate containing a small lamp made of flour and a little see arwa rice. She warms her hand at the lamp, and then touches the cheek of the bridegroom. While she is doing this, a woman comes and whispers in his ear the following Hindi verse " धीने में बोहागा, सूई में तागा। ची दुलहा का मन दुलहिन से लागा।। sone men sohāga, sūr men tāga o dulha ka man, dulhin se lāga, i.e., borax\* in gold. a thread in a needle, and the bridegroom fell in love with the bride." Then six married females (बोहाशिवी sohāgini) and the mother-in-law alternately touch the cheeks of the bridegroom with the sagar arwa rice. He is then given some sharbat to drink. This is prepared in various ways: sometimes the wet hair of the bride after she has bathed is dipped into it, sometimes a small piece of sugar is put into her hand till it becomes moist with the perspiration, and then the sharbat is made of it, and sometimes it is made of a piece of sugar which she has taken into her mouth and crushed between her teeth. Then the bridegroom stands on the wooden stool, and a maid-servant carries in the bride in her arms, and touches the back of the bridegroom with her feet, and takes her away: then the bridegroom returns to his own party.

Borax is a flux for melting gold,

1384. The surat jalwa. The day after the arrival of the prooession, milk, a dish called मनीहा (ماليده) malīda or sweetmeats, and sharbat, are sent from the house of the bride to the bridegroom's party. The Hallet malida or sweetmeats are put into the milk and drunk by the bridegroom out of a cup of silver or copper, which is given to him afterwards in dowry. Then the others drink it. The same evening maid-servants come from the bride's house singing songs, and take away the procession umbrella, and under its shade seven married females grind the spices which came in the सोहास प्रा sohag pura, and when ground, apply the powder to the hair of the bride, which they also tie with the area or string which came at the same time. The scented oil is also applied to her hair. Then the bride puts on the royal dress, a garland of flowers, the chaplet test (1) sihra, and a veil, which is thrown over her face. She takes off all the ornaments of her maidenhood, and puts on new ornaments sent her by the guardians of the bridegroom. Black powder ( [Heel missi ) is applied to her teeth, and she is adorned in every other practicable way. During the day, it may be added, myrtle leaves have been applied to the soles of her feet to make them red. When she is ready, the bridegroom is sent for and he comes walking, preceded by a maid-servant walking backwards, and carrying a plate on which is a burning lamp, so arranged that the smoke is thrown towards the bridegroom. When he reaches the gate of the female quarter of the house, the mother of the bride, or (if she is dead or a widow,) any other married woman, meets him, and conducts him inside. The manner of doing this varies in different places. Sometimes the mother carries in her hand a plate in which lamps made of flour or silver are burning, and the wicks of which are of red cloth. A small quantity of the red thread ( nāra) already mentioned is also laid on the plate. She walks backwards with her face towards him, and at every step throws down a piece of thread, and asks the bridegroom to pick it up and lay it on the plate. In this way, and at the same time touching his cheeks with her hand warmed at the lamp, she takes him into the inner yard, under the canopy In other places the mother-in-law gives him betel to chew, which he bites and throws away.

1385. When the bridegroom comes under the canopy he sits on a wooden stool near a bed. As long as he stays there his sister (or, in her absence, a maid-servant) spreads a portion of her cloth (state) over his head. Then the match-maker (square (ablas) muchata) throws a string round his neck, and pulling it gently, refuses to

<sup>1.</sup> The word is a corruption of the Arabic jila.

let it go till she is paid something. A cloth is then hung between the bed and the stool, and the match-maker (who has also had charge of adorning the bride) makes her stand on the bed in such a way that the bridegroom can only see her face. She then places the two hands of the bride on her (the bride's) forehead, and moves the bride's head this way and that way. A coloured handkerchief, in which is tied rice and turmeric, is then given to the bridegroom, who throws it on the bride, and each time he does so he is given a betel leaf in which pieces of the root of the factati chirchira shrub already mentioned are wrapped up. This moving of the head and throwing of the handkerchief is repeated seven times, and the ceremony is called जाता देव (جلوة دينا ) jalwa deb. The bridegroom then sits on the head of the bed, and the match-maker takes off the chaplet and veil from the face of the bride and shows it to the bridegroom, who for this favour gives her a present, and at the same time receives presents from the female relations of the bride. Sometimes, after this is done, a cup containing sandal-wood and a finger-ring of silver, which has a small cup made in the place where there is usually a stone, is given to the bridegroom, who, after dipping the ring into the sandal-wood, touches the forehead of the bride with it. In other places vermilion (बेबर senur) is used instead of sandal-wood.

- 1386. Then the wife of the bride's brother, i.e., the bridegroom's שנש ( ביים ) sarhaj, comes and sits on the bed, and throws little balls of flour at the bridegroom, who does the same to her. This ceremony is called תוב פוחל אול ליים gend khelab. A maid-servant then carries off the bride in her arms, followed by the bridegroom, who catches hold either of a corner of the bride's sheet (שבו chaddar) or her finger.
- 1387. It must be noted that throughout all these ceremonies the bride has kept her eyes shut, and never moves on foot, but is always carried in the arms of a maid servant.
- 1383. The bride and bridegroom are then made to stand in an outer room (इजान datān) and in the hands of both a little rice is put but the hand of the bride is turned backwards. They are then caused to toss their hands up in the air, by a maid-servant, and thus the rice is scattered through the house, and the bride says at the same time that she is filling the house of her father and mother. The bridegroom also says that he is filling the house of his father and mother-in-law. This ceremony is called at a ghar bharab. The bride is then carried

off to a well-furnished room, where the bridegroom takes off her shoes with his own hands.

- 1389. The departure of the procession.—This is testal civil rukhsati, and takes place on the third day after the above-mentioned ceremony. The bridgeroom is called into the female apartments, and he and the bride are given rice-milk sat (khir) to eat. He affects displeasure, and refuses to eat with her. The mother then makes him a present, and he consents to do so. Then the bride and the bridegroom sit together on a carpet, and a small piece of sugar on a betel-leaf is placed first on her head, then on her shoulder, then on the palm of her hand, then on her knees, and lastly on her feet. The bridegroom is pressed to pick up the pieces of sugar from each place with his mouth, or at least with his hands. This ceremony is called नवाल प्रव
- 1390. When the bridegroom goes off to his own house with the bride, she is carried in the arms of a maid-servant, and keeps her eyes shut till she reaches the court-yard of her husband's house. The sister of the bridegroom first meets her with a jug of water and washes her feet in a plate, which she (the sister) keeps as her perquisite. After this the ceremonies of **THE HARD** and **THE GRAP BARD** and **THE MAD** are performed again in the bridegroom's house.
- 1391. The ceremony of fourth day \_This is चौथा chauthi or Thurst chauthari. It takes place on the fourth day after marriage, i.e. on the day after the arrival of the bride and bridegroom at the latter's house. The bridegroom takes off the thread नाड़ा nara with which the hair of the bride had been tied. The women of the family then bathe the bride in the female apartments, singing songs at the same time, and the bridegroom himself bathes outside. Sometimes also bathes inside. The bride then puts on her the bridegroom dress made for this day (see § 1381), and the bridegroom also puts on the dress given him by his father-in-law. The bridegroom then enters the female apartment, and joins in the ceremony of van jua, or gambling. Seven spotted shells (चित्री कौड़ी chitti kauri) and a necklace ( चन्दन द्वार chandan hār) are thrown up in the air. A maidservant extends the bride's hands, and the bridegroom his own, and both try to catch the falling necklace. The one who succeeds wins the game.
- 1392. Two or three days after the arrival of the bride in the bridegroom's house people come from her house to take her back. The bride's

younger brother and other relations may form some of the party, but not elders, such as the father or uncles. They bring with them presents of sweetmeats, rice, pulse, a goat, &c., varying in quantity according to means. Two or three days afterwards they return with the bride and bridegroom.

1393. The ten days' stay.—This time the bridegroom stays nine or ten days in his father-in-law's house. This stay is called the THIT dasahra khāna. On their arrival a room is made over to the bridegroom in the female apartments, and the bride is made to walk into this room accompained by her female relatives and those of her husband all singing songs. This is the first time the bride is allowed to walk since the commencement of the ceremonies. Up to this she has been always carried about. When the bride approaches the bridegroom in this reom, he is expected to salute (UNIN salām) her. If he does not do so, showers of abuse are poured upon him.

This concludes the wedding ceremonies.

#### CHAPTER V.-BIRTH CUSTOMS GENERALLY.

- 1394. An adopted child is amongst Musalmans मोतमना (क्रिक्टि) motmanna. Amongst Hindus he is पालक pālak, पोसपत posput, or पोसपालक pospālak. Local names are पोसनेटा posbeta or पोसनालक posbalak in the south-east, and करता पुत्र karta putr in East Tirhut. To adopt a child is पोसिया जैन posiya leb, गोर जैन god leb, or रास पर जैन rās par leb.
- 1395. When a woman cannot suckle her child, owing to pains in and hardness of the breast, she is called यन जिया thanailiyahi. Inability to suckle on this account is यने जो thanaili. When a child is not well nurtured owing to the untimely death of its mother, or to her milk running dry, it is called दुधहुड्या dudhtutua or दुधकुड्या dudhkatua. In South Bhagalpur it is क्या kalra.
- 1396. A seven-months' child is सत्तवास sātwāns or सत्तवास satwānsa generally; also सत्तवास satwānsu south of the Ganges, सत्तमास satmās in North-East Tirhut, and सत्तमसूत्रा satmasna in South-East Tirhut and South Bhagalpur. An eight-months' child is सद्वास athwāns generally; also सद्यांस athwānsu south of the Ganges, सदमास athmās in North-East Tirhut, and सदमस्या athmasua in South Bhagalpur.

- 1397. An only child is unique eklauta; also unique ekahula in Shahabad and unique ekaunique in South Bhagalpur. A first-born child is utalized pahilautha. The youngest child, i.e., the last which a woman has, is called usufficial petponchhua or nituition korponchhua. When a girl is born after three boys (which is considered very lucky), she is called a dat tetar, and she is even often named dati tetri. In the south-east, however, a girl born after two and not after three boys is so called. A child whose elder brother is dead is called usuff marachha, or the marachha, or (in South Bhagalpur) usuff marachha, and (in North-East Tirhut) usuff machhai. Such children are treated and dressed as girls, sold to the midwife for a few cowries, and brought back again and given opprobrious names, in order to induce the demon of death to think them of small account and not worth killing.
- 1398. When a woman has a child every year she is बरसाइन barsain, or in South Bhagalpur बर्सेनो barsaino. A woman with only one child is एकींच ekaunj, or to the east काक बच्चा kāk baniha, or कीआ वाँभा kaua bānih. The latter name is said to be derived from the children's game of ann gat kag durus, or "odd or even." In this game one boy guesses whether another has an odd or even number of cowries in his hand. If he guesses an odd number he says काम kāg, or if an even one दुवस durus. Hence काम kāg means an odd number, and specially 'one.' A barren woman is वास banih, वास विश्वला banih bahila, or (in the south-west) वासिन banihin. A woman after delivery, until the purificatory ceremonies are performed, is अलबाती alwanti or परसीती parsauti. The lying-in-room is north of the Ganges बोदरी soiri, and to the east also सीपर soer. South of the Ganges it is सौर saur, सौरी saure, or पत्रा खाना jachcha khāna. In this a fire is kept burning for ten days after the woman's delivery. This fire is known to the north-east as खात्रवादी agiyāsi, and in South Bhagalpur as पोड़ा pora. Elsewhere it is पसंची pasanghi. with a variant using pasange in the south-west and in South Munger.
- 1399. The presents given to a woman in a state of pregnancy are known as समोर sadhor. In South Bhagalpur such presents are given after delivery, and are called सहोरा sathora. सहवानो achhwāni is caudle given to a lying-in woman to produce milk. It is also called सहिरा sothaur in the north-east and सहिरा sonthaura in Gaya and the south-west. Another name current in the north-east is 88 R. & J.

स्वध्या adhrassi; in South Munger it is कहवा kadwa, and in South Bhagalpur आहो गुड़ ādo gūr. The longing of a pregnant woman is होइद dohad or सग्यस्य manchalab. The earthen cakes which she is fond of eating when in this condition are called खपड़ा khapra.

# CUAPTER VI.—CEREMONIES PECULIAR TO THE BIRTH OF A HINDU CHILD.

- 1400. When the labour pains commence, the THIST chamaini or चर्मेनी chamains i.e., the native midwife, is sent for. She is also called स्मारिन or स्मारिन dayrin. On her arrival she puts a finger-mark (হীকা tika) of vermiliou on the wall. This ceremony is called बोदारी sorāri, and is supposed to hasten the delivery of the child. As soon as the child is born, the midwife washes the forelock (WZ lat) and feet (all gor) of the mother, which operations are called जटधोबाइ latdhoāi and गोरघोत्राद gordhoāi respectively. She gets a fee (नेग neg) for doing this. The child's navel-string (AT nar) is then cut. If the child is a HITE marachh (or HIET marachhwa), i.e., if the child which was born before it from the same mother is dead, the navel-string is all thrown away. Otherwise it is buried in the floor of the lying-in room. and over it the fire (पसंघी pāsanghi) is placed. The latter is called in South Bhagalpur पसनी pasni or घूर ghūr. The child's body is then rubbed with कोठबार kothwar, which is the dust of a sun-dried granary (and kothi), in order to take off the feetal exerction (state iāwar or stat jāmwar). The midwife's fee for cutting the navel-string is नारकटाइ narkatāi or नरकटाइ narkatāi.
- 1401. When the child's body has been thus rubbed with dust, it is bathed in lukewarm water, and then the midwife throws it up in the air and catches it again five times. This is called जरिका जाकारक larika lokāëb. At the same time another woman strikes a brass dish (पारो कार्यक thāri bajāëb), and the mother holds in her hand a handful (च जुरो anjuri) of grain, which last is the perquisite of the midwife. The afterbirth (जिसकी lijhri or नार परेन nār purain),\* &c., is then thrown away in a vessel called खपरोर khapraur or (in Gaya) खपरोक्ति khaprauri, for which the midwife receives a fee called खपरोर फेकार khapraur phenkāï.
- 1402. Two or three days after the birth, when the uহাছিল prohit or family priest has fixed on a lucky day, the ceremony of বস্থাবন

<sup>•</sup> The after-birth of an animal, as distinguished from that of a human being, is that jhar or that jhar.

nahāwan is performed. This consists in नीम nīm (azadirachta Indica) leaves being boiled in water, and both the mother and child being bathed with the decoction. Then a handful of seeds of TIE rāi (mustard. sinapis racemosa) and ซึ่งสู่รู้ๆ jen wanin (dill, ligusticum ajowan) is waved (निक्रावर करव nichhāwar karab or औंक्रव aunchhab) round the mother's head and thrown into an earthen cup containing fire. When the seeds are consumed, the cup is upset, and the mother breaks it with her left foot. Then she sits with grain in her hand, while the brass dish is again beaten, and the midwife again throws the child five times in the air. This all takes place in the court-yard of the house, and is done to avert the evil eye. It is the first day on which the mother comes out of the lying-in chamber. The same day this chamber is plastered over with fresh mud, amongst the rich by a maid-servant. and amongst the lower classes by the husband's sister ननइ (nanad), who gets a fee for this, called बोदरो लिपाद soiri lipāi or (south of the Ganges) सौर तियाद saur lipai. The same day the washerman takes away the lying-in clothes (कृतका के कपड़ा chhutha ke kapra), and washes them. His fee for this is called grant chhutka.\*

- 1403. The next day after bathing, the barber pares the mother's nails, which ceremony is called নাছত্ত্ৰী nohtungi or নছত্ত্ৰী nahtungi, and his fee is known as নাছত্মাহ nohtungār.
- 1404. On the seventh or eighth day, when the mother is first able to eat rice, the ceremony of dict signature kheñrhs jorāëb is performed A hole is dug in the ground, into which milk and water are poured. The mother sits close to it, and eats her first dish of cooked rice, From this day collyrium (stat kājar) is put on the child's eyes. Before this, when oil was rubbed on the child's body, the child has been laid on its back during the operation, but henceforward it is laid on its face for the application. From this day, also, the mother gets a bed to sleep on. Upto this day she had been fed only on caudle and on a mixture of oil, turmeric, and molasses (stell at hardigūr).
- 1405. On the twelfth day the ceremonies of হাঁনী ফালেৰ doni jhānkab and হুৱা chhathi are performed. Sometimes the latter ceremony is omitted. In the former, five হাঁনা donni or হানা dona, which are a kind of platter, are prepared of leaves of the jack-tree (ক্ৰছে kathar). In these cakes (মুহা pūri), rice milk (ফাছ khīr), &c., are placed. Sometimes the leaf platters are omitted, and rice milk, &c., is simply laid

<sup>•</sup> The washerman caste is considered an unclean one because its members touch these garments.

on the ground over the cakes. Worship is then performed, and the articles eaten.

- 1406. The Est chhathi or Est chhathi ceremony is also called in Tirhut Estate shathivar or Est chhathi. As its name indicates, it should properly be performed on the sixth day after birth, but this rarely occurs now-a-days. When it is held on the twelfth day it is also called att barhi. In this ceremony a kind of square marked with diagonals and made of cowdung is fastened on the wall. At every corner and intersection cowries are fastened, and the whole is painted with vermilion, and cakes, &c., are laid before it. The child is then oiled, has collyrium applied to its eyes, is wrapped up in a cloth, and placed before it. It is then dressed in new clothes, and rings (ATT kara) are put upon its arms and feet for the first time, and some money put into its hand. On this day also the child is named, and the relatives are fed.
- 1407. The ceremony of purification performed on the fortieth day after birth is called दिसा chhilla. In South Munger a similar ceremony takes place on the twentieth day, and is called व्यवस्था basdauri. The ceremony of first feeding the child with rice is called व्यवस्थाय anprāsan, also (south of the Ganges) व्यवस्थाद khirkhiyāï and व्यवस्थाद khirkhatāï. In Gaya it is निमन वर्षा nimak chasi, and in South Munger वरावन chatāwan.

## CHAPTER VII.—BIRTH CUSTOMS AMONGST MUSALMANS.

- and the child is then bathed गोसल कराएव (المناف ) gosal karācb. Sweetmeats are then consecrated (विशास कराएव (المناف ) gosal karācb. in the court-yard by the male members of the family, and the milk of a respectable and virtuous woman is given to the child in a shell (सित्स situha). This ceremony is called इधिपनाइ dadhpilai. The people are then called to prayers by striking a brass pan (यारी thāri) with a stick, and this custom is called वन सलवात (المناف المناف ) ban salvāt. In South Munger it is called वीष सलवात bāng salvāt.
- 1409. The lying-in room, in which the mother (परवीती parsauti is, is always kept warm with an आंग्री angethi or moveable stove, and is called बीरा sauri, &c.; see § 1398. Caudle (बहुबानी achhwāni) is given to her to produce milk, and oil mixed with turmeric and molasses is given to her to make her strong. This last mixture is called द्वारी गर hardi

- gür. Until milk flows in the mother's breasts, the child is wet-nursed with the milk of the woman whose milk was given to it immediately after it was born.
- 1410. On the third day the mother and the child are bathed and dressed in new clothes, and the women of the neighbourhood come and sing songs, and receive oil and vermilion. Up to this the mother has had nothing to eat except the caudle and the mixture already mentioned, but now she is allowed to eat food and to sleep on a bed.
- 1411. On the same day the washerman takes away the lying-in garments, and the barber pares the mother's nails and shaves the child. The former operation is called বহুত্বী nahtungi, and the latter বাৰ ব্যায়ী (بالتراشي) bāl tarāshi.
- 1412. The fees of the midwife (चमेनी chamaini), of the washerman, and of the barber, are all known as प्रचौती के कमाइ parsauti ke kamāi.
- 1413. On the same day the lying-in room is plastered over with mud plaster. This operation is known as बोचर जियाद soër lipāï.
- 1414. On the fortieth day the consecration ceremony (নিযাল (ياز) niyāj) is again performed, and the relations are fed.
- 1415. Circumcision is खतना khatna or सन्त sunnat. See also

## CHAPTER VIII.—DISPOSAL OF THE DEAD AMONGST THE HINDUS.

1416. The burning of a corpse is दाद देव dah deb, आधि देव agi deb, इत्रध करन dagadh karab, or जारन jārab. In North-East Tirhut it is also बंद्धार देव sanskar deb, and in the south-east जराएव jaraëb. When a Hindu dies he is taken out of the house and placed on a bier. A bier is रखी ranthi generally; also दिकडी tikthi in South\_ West Shahabad, ZIZI tati in the east generally, to dhath Tirhut, पड़की pharki in South-East Tirbut. in North-East and चचरी chachri in South Bhagalpur. Sometimes he is simply placed on a bed (चरपाद charpāë or खटिया khatiya). Four men, who are called मजित वे जानिश्वार majil le janihar, or in South Bhaga pur कनकटिया kankathiya, carry the bier on their shoulders and set it down on the ground outside the village. This is called नमर विसर्ति nagar beera now, and is done in order that the people who are to accompany the corpse (who are called Heriagt majiliha) may collect.

- 1417. After the departure of the corpse from the house the walls of the latter are plastered over with fresh plaster, and outside it are placed a stone, cowdung, iron, fire, and water for the Hosfing majiliha to touch on their return from the cremation.
- 1418. The four men who carried the bier take it on, when the people have collected, to the place of cremation on the bank of a river. This place is called असावान asmasān, or म्रह्ही murdhatti north of the Ganges. In North-East Tirhut it is समयान samsān. South of the Ganges it is चिरार chirār or चिरारो chirāri, or to the South-East मरचही marghatti or मरघटिया murghatiya. In East Tirhut it is also called मरघट marghat or मरघटिया murghatti. They then bathe the corps (नहवापेन nahwāëb or सम्बा कार्यन asnān karāëb). The heir or chief mourner (करता karta) then has his head, beard, and moustaches shaved (भट्र करायन bhadr karāëb), and puts on a dress of mourning (अतरी utri or इसनी kaphni). He then dresses the corpse in new clothes, viz a waist-cloth (कच्चा kachchha) and a sheet, washes its mouth, and then with the assistance of the other men places it on the funeral pile. To dress a corpse in this way is कमनायन kaphnāëb.
- 1419. A funeral pile is चिता chita generally, also चेती chaiti in Gaya and III sara in Patna and the south-east. To prepare it a trench is dug in the form of a cross and four pointed logs (Ext khanta) are driven into the ground at each end, and between them the logs of wood are piled. When the corpse is placed on the pile, the chief mourner (करता karta) anoints its mouth with a mixture of गुगुन qugul (gum of the amyris agallocha), barley, incense (qu dhūp), waternut (सखाना makhāna), honey, sesamum, and sweetmeats. He then buys fire (आशि मोत वेब āgi mol leb) from a डोम Dom (some, however take fire from the house), and with it lights a long torch (ज्ञा luka)' He then walks round the corpse five times, touches its lips each times with fire (पचकरमा pachkarma), and sets fire to the pile (दग्न करन dagadh karab). When the body is nearly burnt, each of the persons present throws five sticks into the fire. These are known as unaffect pachkathiya north of the Ganges; in Gaya and the south-west they are पँचकाशि panchāgi or पँचकशिन panchagin ; in Patna they are पँचककी panchlakri; and in the south-east as utale pachkath or utales panch kāthi. When the body is nearly all consumed, the fire is put out (पार्व देव pani deb) with handfuls of water, and the remaining small unburnt portion is thrown into the river for fishes and tortoises (Hear of mackhkachh la). They then wash the place where the body

was burnt, and the chief mourner (करता karta) plants a tulsi tree near by, and writes on the ground the words राम राम rām rām.

- 1420. They then bathe at another landing-place (আই ghāt) and sit down. Then the কাৰো karta gets up first and walks towards home, followed by the others. When they arrive at the door of the house, they touch the stone, cowdung, iron, fire and water already mentioned, and then their left ears, each with the little finger of his left hand. This ceremony is called কৰ কাৰো ভবাৰে kān kāthi utārab. They then separate. Some castes, however, instead of performing this ceremony, simply bite a piece of bitter nim leaf, and then go home.
- 1421. Offerings are sometimes made to the manes at the time of cremation, and these are called in Sonth Tirhut **QUARTIES** asmasan pūja, or **unture** panchpinda.
- 1422. The day after the funeral the atai karla goes to the place of cremation, and pours on the site of the pile a little fresh milk. This is called चिता सरायव chita serāëb. He then comes to the village pipal tree, where he finds the barber and the family priest (utiled parohit) waiting for him. The former has some fresh milk, and an earthen vessel (कॅटिया kantiya) carried in a sling (सिक्इर sikhar) or मं ज manj rope. There is a hole in the bottom of the pot, partially stopped up with a plug. The karta hangs this up on a branch of the tree, so that its contents will drip out throught the hole on to the root. He then fills it with milk and water and covers the vessel with an earthen cup (एकानी dhakni). He then goes round the tree three times, and goes home. The whole of this ceremony is called que zina ghant tangab. On reaching home he feeds his relatives with rice-milk and urid pulse, and himself eats off a potsherd (खपरी khapri). Before commencing to eat, each person places a small quantity of rice and milk from his platter (पत्तक pattal) apart on another platter. This is called तआह कार् ruah karhab, and the whole ceremony is called ฐยมัฐ dudhmuñh or इसमें ही dudhmunhi, and also द्वी dudhi in South-East Tirhut.
- 1423. The same evening and every evening up to the tenth day (इसर्ग daswān) after the death the करवा karta lights a lamp made of mud and placed on the top of a stick. The first day it is placed at the spot where the deceased died. The second day at a little distance from it, towards the door. The third day further off again, and so on, it being arranged that on the evening of the tenth day it reaches the spot outside the door where the five articles (stone, cowdung, iron, fire, and water) were placed.

This rite is called दोया बाती diya bāti, or (in East Tirhut) सुख राति sukh rati, and in Patna चिराम बन्ती chirāg batti. Up to the tenth day the करता kurta every day after bathing throws into the river or the well a handful of sesamum (तिल til) mixed with rice and water. This is called तिलांग र देन tilanjur dab.

- 1424. On the third day after the death the rite of attal tirāti is performed, and in South-East Tirhut, on the fourth day, the unusuathsanchan. On the seventh day is performed the unusuathsanchan. On the seventh day is performed the unusuathsanchan. Until seventh day is performed the unusuathsanchan. On the seventh day is performed the unusuathsanchan.
- 1425. On the tenth day is performed the rite of tenth das karm, also called their daswan, and in Tirhut that dasgate, and in North-West Tirhut theads, and those who are sons of the deceased their moustaches also. Then the Brahman who performs such obsequies, and who is called autit kantaha or unique mahabahan, comes and performs the ceremony of making obsequial offerings furth utile pinda paraëb. If the deceased is a male this Brahman gets as a fee all the requirements of a man (clothes, bed, shoes, umbrella, fan, dishes, lota, &c.), and, if a woman, all those of a woman. On the eleventh day offerings (furth pinda) are again made.
- 1426. Brahmans are then feasted. This is called Autim brambhoi who bhoj or atto kāraj. Amongst Brāhmans this takes place on the 13th day after the death, amongst Rajputs on the 14th day. amongst Vaisyas and amongst some Sudras on the 16th day, and amongst other Sudras after the expiry of a month. The ceremony is as follows :- In the day-time, the utiled prohit or family priest performs the fuest pinda ceremony, and after it the acat karta sits on a square marked on the ground ( chauka). A new turban is tied round his head, and he is dressed in new clothes. This is called until The relatives also put into his hand an offering of money, called नेवता neota. Brahmans are then fed (ब्रामन च वनार brahman jeonar). Afterwards, in the evening, the caste brotherhood are fed. On this day the widow of the deceased is clothed in her widow garments, which are known as total rafir sari, or (in Tirbut) THE rantesar. Amongst the upper castes this is a white cloth, but amongst the lower ones it is a coloured one.

- 1427. In the case of the death of a male, furt pinda ceremonies are performed six months and a year after death: the first is called Exited chhamasi, and the second sixth barkhi: When, however, a marriage has to be celebrated in the family, the ceremony is performed three months after death, and is called faring a furt tinpakhi ke pinda. On all these occasions also Brāhmans and the caste brotherhood are fed.
- 1428. When all the funeral ceremonies have been performed in the orthodox way, they are called किरिया करम kiriya karm. When the body is merely thrown into a running stream, it is called परवाइ parwāh or चलपरवाइ jalparwāh. On five days in the month a body must be burnt with five effigies of कुस kus grass (poa cynosuroides). These images are known as जुसप्तर kusputr, and the days as प्रका panchak or प्रका pachka. In the south-east they are प्रका pachchak. The visit of the women to condole after a death is मृँ इ सब mush dekhab, प्रहारी puchhari, or प्रहारी puchhāro.
- 1429. Some Hindu and semi-Hindu sects and castes bury their dead. The principal of these are Kabirhas (ক্ৰিছে kabirha), Saiva mendicants (অবীয় atīth or सन्यासे sanyasī), Sib Nārainis (মিৰন্থিনী sīb narainī), and Mushars (মুম্ম mushar). To be buried is समाधि (or समाध) বৰ samādhi (or samādh) leb, and to bury is মেহী ইৰ mitti deb or समाध में ब स्वाद्य samādh meñ baisāëb. The body is bathed and dressed in new clothes, the necklace (জাতা kanthi) and sectarian mark (বিজকা tilak) are put on his neck and forehead respectively, and he is seated in the grave facing the north with the fect crossed under the buttocks (মৃত্যু বিষয় বুধানা baisab) and with cakes in his hand.

## CHAPTER IX.—DISPOSAL OF THE DEAD AMONGST MUSALMANS.

1430. The corpse immediately after death is taken out into the verandah (ধাৰেৰাৰ sāebān) or court-yard (আ্রান āngan). It is stripped and a new waist-cloth (ল্রা lungi or লুলা lūngi) is put on it. It is then washed (নামল কাৰের (المانية) gosal karāëb). The man who washes has a kind of bag (called আদী (مانية) sāfi) on his hand, with which he wipes the corpse. He then performs the ceremonial ablution of the corpse (বল্ল কাৰের (المنز المانية) waju karāëb). This consists in cleaning its teeth, washing its hands, inside of the mouth forehead, face, arms, and feet. He then dries it with a clean 88 R. & J.

when they are assembled, to look after their refreshment. A fresh waist-cloth is then put upon the corpse. Amougst the Sunnis this washing is generally done by friends of the deceased, but amongst Shias there is a special class of men who perform this work. The water with which the corpse is washed has been boiled with leaves of the at bair tree (zizyphus jujuba), and to this plain water is added. This washing is said to preserve the corpse from decay for a short time.

- 1431. A sheet is now taken, and a hole torn in the middle, through which the head of the corpse is put. The rest of the sheet hangs down before and behind. It is called म्तूल jhūl or कामगी (كفني) kaphni. The corpse is then laid on a bed (चारपाद chārpāi), decently covered with a sheet, and taken to the grave-yard, which is known as कार्बास्तान (قبرستان) kabristan. The funeral itself is called जनाजा (है) janāja. The prayers recited at the grave-yard or in the yard of a neighbouring mosque differ for men, women, and children. After their recitation the corpse is laid in the grave with the head northwards. The grave is then roofed over with bamboos o planks, over which some thatching grass (मलास ihalās) is laid, which is plastered over with mud. It is then filled up with dried earth every member of the funeral procession assisting in doing so. This is called मिट्टी इ व mitti deb. Before the party leave the grave-yard, alms (हैरात khairat) are given to beggars. The man who digs the grave is a नीनियाँ noniyān, and his fee is known as क्वर खोदाइ (قبر كبردائي) kabar khodāï.
- 1432. For four days after the death nothing is cooked in the deceased's house, and the family is supplied with food by the relatives. On the third day the brethren all assemble in an open place and 1½ or 2½ seers of gram, some flowers, betel-leaf, and sharbat, are taken there. Each man then takes up a grain of the gram, and after reciting a benediction over it drops it on a cloth spread for the purpose. The benediction is called ((3))) darād. They go on doing this till all the grain is exhausted. It is then given to beggars, and the sūra or chapter of the Qur'ān entitled qul huwa-l-lāhu is read. Each one then drinks sharbat, takes betel-leaf, and the meeting separates. This ceremony is called by the educated (3) kul, from the first word of the title above quoted. By the ignorant it is called ut a pān phūl. It is the conclusion of the funeral ceremonies.

### CHAPTER X.—CEREMONIES AT PLOUGHING AND SOW-ING AND TRANSPLANTING.

- 1433. In the south-west on the first day of ploughing the villagers scatter rice-flour over the plough and yoke. This ceremony is called **unga** samahut. A similar ceremony is the **unga** harmahūrat north of the Ganges, also called **unga** samahut in Tirhut, in which a handful (**unga** mūnth) of grain is thrown into the field at the northwest (**uu**it bhandār) corner. In South Munger the plough is worshipped. The ceremony is called **unda** harmotar, and in it a vessel of water is poured over the plough in the name of the earthgoddess **utal ung** dharti mār.
- 1434. In South-West Shahabad the মৃত্যু আ muth puja is the feast at the time of commencement of sowing. The villagers give handfuls of grain to the herdsman and watchman. It is also called ভিছৰে মুলা dihwār pūja. In South Bhagalpur the মৃত্যু আ mūth pūja consists in the cultivator feeding his labourers on rice and milk.. On the last day of sowing broadcast, a small quantity of seed is brought back to the homestead and shut up in an earthen pot (কুলা kūnra) after which food of extra quality is prepared. This is called generally কুলা কুলা kunrmundan or কুলা বা kunrmūnan; also ছাটাৰৰ harsodhan in Champāran.
- 1435. On the first day of transplanting rice a feast is given. This is called पहिरोप pahirop in Patna, and पहिरोपा pahiropa in the south-east. In East Tirhut it is Ea Him khet bioj, or Ean Him khet bhoini. South of the Ganges on this occasion the cultivators face the east and plant five rice seedlings (Hit mori). This is called प'चाइड panchōith in Shahabad, and पचांटी pachānti elsewhere. On the same occasion in South Bhagalpur wine, milk, fried grain, and oil are offered to the gods who protect the field from blights and mildews. This ocremony is called niel gochhi. In South Munger on this occasion a deity of the म सहर mushar caste, named म स्कटना murkatwa is worshipped. The legend about him is that a cultivator once sent this man, who was his labourer, home from the fields to get some seedlings. On the labourer's return the cultivator observed a spot of vermilion (सेत्र senur) on his forehead, and concluded that he had been debauching his (the cultivator's) daughter, who was at home at the time, and had given the seedlings. The man was quite innocent but the cultivator in a rage killed and hid him in the earth. He is hence worshipped as a martyr, especially by his caste-fellows

North of the Ganges, on the first day of transplanting a feast is given to the neighbours. This is known as মৰা gawa or মাৰা gāwa, and to give it is মৰা বীৰ gawa leb or মৰা আমাহৰ gawa lagāëb.

- 1436. The feast at the conclusion of rice transplanting is আঁগৰা aunjli in South Bhagalpur, ৰনভাষা banusra or ৰন্তাহ banusār in Gaya, and ভছাভী uchhāri or ৰনভাষাৰ banukhāo in Patna. In Sāran, when the transplanting is over, a handful of seedlings is planted with ceremony in a corner of the field. This is called ন্না ভছাই kena dehri.
- 1437. In planting sugar-cane, before commencing, the direction of the wind is tested to judge of the probability of rain. This is called **uau utter** paban parichehha in the north-west. The day on which the planting of this crop, as well as of the spring crop, is commenced, is called **uau** mūth, and when it has come they say **uau** anima mūth lāgal. When the planting is concluded five long canes are planted in the middle of the field. This is called **uau** panchukh or **uau** panc

#### CHAPTER XI.—HARVEST CEREMONIES.

- 1438. When the crops are cut, some of the new grain is taken home and eaten with certain ceremonies. This feast is known as ने बान newān or नेवानी newāni, or to the south-east as ने मान neman. When the grain is collected on the threshing-floor, a cake of cowdung is placed on the top of the heap to avert the evil eye (see § 839). South of the Ganges worship is also done to the village deity or डिइवार dihwār. A similar worship in South Bhagalpur to propitiate ghosts is called रानो प्रवा aāno pūja.
- 1439. The ceremony of the first cutting of the sugar-cane takes place, south of the Ganges, on the festival of the देव उठाव deb uthān or देवटाव deothān. This takes place on the 11th of the bright half of Katik (i.e., early in November), and is said to be the day on which Vishnu wakes from his four months' sleep. In South-West Shahabad, on this day, the villagers tie a few canes together by the leaves, and place a neck-ring (इ.स. hansuli) on the top. They then pour perfumes over it, take the neck ring away, and commence cutting. When the crushing of cane is begun a ceremony is performed, called the rest of that district, under petāwan

in Patna and Gaya, and unual pachghan in the south-east (see also § 299).

1440. In Shahabad, on the first day of crushing cane, the villagers take some juice home to cook with rice. This dish is called হৰৰাভহ rasjāür. The ceremony at the first boiling of the juice is দিৱাই mithāï in the south-west, and বিহলী sirni in Patna and Gaya. A similar worship of a god, who is called কীইলা দালা Koïla Māta, exists in the south-east. This god exists elsewhere as a deity protecting wells.

#### CHAPTER XII.-MISCELLANEOUS.

- 1441. Among the lesser known festivals may be mentioned the following. The ভাষে āras or ভিয়ালা chirāga is, south of the Ganges, a festival held in honour of the Musalman saint নিত্ত মৃত্ত Makhdām Shāh. It takes place on various dates in different places, e.g., in Patna City it takes place in the month of Bakrā'id (about December), and at other places in Bārah wafāt (about March). মন্ত্ৰালা makhdumāna is a rite performed in his honour by landlords.
- 1442. The হুত ব্ৰে chhath bart is a Hindu festival in honour of the sun held on the 6th of the light half of Katik (early in November) The হ্বাল দুলা dawāt pūja is held by men of the Kayasth caste on the 12th of the light half of Katik (i.e., the day but one after the diwali). On this day they worship their inkstands and will not touch pen and ink.
- 1443. In the north and east, on the 3rd Bhandon (August September) occurs the বাৰ tij, on which women fast a day and night in honour of the goddess ঘাৰ্বা Parbati, and eat অন্ত sattu (ground parched grain) next day. On the last day of Bhadon occurs the অৰশ anant or আৰৱ anat, on which day both men and women fast. In the same tract the অৰ্থা bahura is a festival on which the women eat un sattu with sugar and clarified butter.
- 1444. The अखरतीन akhartīj in Patna, अखरतिनिया akhartijiya in Gaya, and अखरतीन akhartīt in South-West Shahabad, is the feast on the 3rd of the light half of Baisakh (early in May), on which the obligations of the spring harvest are cleared off. In South Bhagalpur it is called अहे तिरतिया achhai tirtiya.

- 1445. (In the 5th of the light half of Sāon (early in August) occurs the feast of the नाम पद्मा nāg panchami, also known as जाम पद्मा lāg panchmi in North-East Tirhut, नक्षणीचे nakpānche in Shahabad, नमपाँचे nagpānche in Patna and Gaya, and जमपाँचे lagpanche in the south-east. On this festival the women mark their houses with lines of cowdung, and worship स्थाम sesnāg (the serrent of Eternity) with milk and parched grain (जावा lāwa). On the मोबर पाँच gobar pānche, which falls on the 5th of the dark half of the same month (late in July), the same god is often worshipped in Patna instead of on the former festival. This is called विद्या पाँच behra pānche in South Bhagalpur.
- 1446. जोधन godhan is a woman's rite in which they make cow-dung figures of scorpions, snakes, &c., and beat them. To the south of the Ganges, in Bhādon (August-September), the women fast for twenty-four hours and make cowdung figures of Ganes and lay brambles (माइ मूड़ jhār jhūr) in the court-yard, saying the words उपापन करम भेयत धरम माइ मूड़ प्रस्ता हो appan karm bhaiyak dharm jhūr jhūr ghusiāwe hi, an incantation which literally translated means, 'I cause my own fate and my brother's virtue to enter the bramble.' This incantation is supposed to benefit the speaker and her brother in some mysterious way. A similar ceremony is called करमा धरमा karma dharma in South Bhagalpur.
- 1447. The বিভাবিষা jiiliya to the west and the বিবা jiliya to the east is a fast and worship performed by women on the 8th of the dark half of Kātik (late in October) for the benefit of their children.
- 1448. In Patna the festival of the holi festival (full moon of Phagun or middle of March) is distinguished by the custom called gantl lukāri or gantl lukwāri. In this, at night, the village children throw lighted torches across the boundaries of the village into the neighbouring village. This is supposed to be lucky for the village which throws, and unlucky for the village which receives, and is a source of frequent fights.
- 1449. On the day between the 15th of Chait and the 15th of Baisakh (about the 15th of April) when the sun enters the sign of the Ram (মৈল mekh), it is customary to feed Brāhmans with অনু satts (ground parched barley), হিলাপা tikorha (immature mangoes), and water, and to give alms. This feast is called the অনুআহন satuāin or অনুআন satuāni. In South Bhagalpur this festival is held on the last day of Chait, i.e., the last day of the

Bengali year. On the following day there is in Tirhut a curious festival, called the जूड़ होतल jūr sītal. The people bathe in water drawn the previous night and eat food cooked at that time, after worshipping खितला देवी Sitla Debī, the goddess of small-pox. Then from morning till noon all classes, rich and poor, cover themselves with mud, and shower it on all whom they meet. No one is free from this mud bath. In the afternoon the people go out with clubs and hunt jackals and hares and whatever animal they can find in the village. On their return home they boast of their valour in having killed this and that jackal, and the phrase जूड़ सीतलन सीपाही jūr sītalak sipāhi is used like मोहरम ने सिपाही maharram ke sipāhi to signify a braggard.

### CHAPTER XIII.—ARBITRATIONS, OATHS, &c.

- 1450. A body of arbitrators is ঘ্ৰাহন panchāit to the north and west. In Patna and Gaya it is ঘ্ৰান panchīt or ঘ্ৰান pancheta, and in the south-east ঘ্ৰান panchaitī. The head arbitrator is called অথম sarpanch, also south of the Ganges অহা sardār or মহুনা mahton. In Shahabad he is also called মহাৰ mahān, and in South Bhagalpur মানু mañrar. A caste assembly is আহা chatāi (lit. a mat) or মনুনা pangat (lit. sitting in a row), and its head arbitrator uহ্যাৰ pardhān or মানু ল mānjān. In Shahabad the man next to the chief is called the ফুরার chharidār.
- 1451. When one party in the case challenges the opposite party or a particular person to an oath, the phrase used is इसर कर्ष hasar karab; also চাৰে dhārab in Patna, Gaya, and the south-east. The oath may be on the ammonite (सालगाम sālgrām or सालगाम saligrām), a copy of the Sanskrit इत्विन्स haribans, or on Ganges water (महा चल ganga jal). When Ganges water is placed in a copper vessel with some leaves of the holy basil (Ocymum sanctum), the oath is said to be by तुल्ला तीवा tulsi tāmba. Or a man may lay his hand on his son's head (बटा का सिर पर हाँस से beta ka sir par hānth dhai kañ), in which case his son is supposed to die within a year if he tells a lie, or he may touch a Brahman's legs and swear by them (जासन के गोर इस किrāhman ke gor chhu kañ). In Shahabad one form of oath current is to pour forth some country liquor. This form is known as महारेन madāin. The oath taken on a cow is known

as गौ किरिया gau kiriya. The man who swears by this oath sometimes holds the animal's tail, and sometimes simply touches it. In these cases the man before swearing bathes and puts on new clothes. North of the Ganges the মুৰ্ ছা gurura is a circle drawn on the ground in which the man who takes the oath stands, or from which he takes the thing claimed. The belief in these oaths is, throughout the country, very genuine, but perjury is sometimes attempted. One common trick when swearing with one's hand on one's son's head is to substitute some one else for the son. The writer remembers in the year 1879, when he was in camp in Darbhanga district, a curious incident. License-tax assessments were being held, and one well-known money-lender offered to swear on his son's head that he lent no money. The challenge was accepted, and the oath taken. Curiously enough the son was next day seized with what was said to be cholera, and the man came to the writer, and insisted on his name being written in the highest class of This was done. It is satisfactory to know that the son recovered. Babhans are popularly supposed to have little fear of the sanction of an oath, as witness the following proverb,—सोल, सत, इरिवन्स ले, बीच गङ्गाक घार, एतेक्ले बाभन, तंना करह इतिबार sil, sut haribans lai bich gangāk dhār etek lai bābhan tañ na karah itibar If a Babhan swear by the ammonite, his son, the Haribans, and in the midst of the Ganges,—don't believe him.

1452. To excommunicate from caste is हुका (or हुका तमाकू) बन्द करब hukka (or hukka tamāku) band karab. It is also कुचात करब kujāt karab or पंचारत से काट देव panchāit sen kāt deb. The headman of a caste is मुखिया mukhiya, चीधरो chaudhri सरहार sardār, or मानजन mānjan. Amongst the Telis and Chamārs he is also called महत्तो mahton महत्तर mehtar, or (in South-East Tirhut), महत्व mañrar.

### CHAPTER XIV.—MISCELLANEOUS SUPERSTITIONS.

- 1453. A wizard is जोमा ojha or जाद्तार jādūgar. Other names also used are बोखा sokha in South-West Shahabad, गुनी guni in North-East Tirhut, डिया daiya in Patna, भगत bhagat in Patna, Gaya and the south-east, and also भगतिया bhagatiya and चटिया chatiya in South Munger. His enchantments are जाद jādu or जोजाद ojhāï, also भगताद bhagtāï in South Bhagalpur. A witch is जादन dāïn.
- 1454. An omen is चतुन sagun, and also north of the Ganges प्रान्त shagun. A good omen is चन्छा चतुन achchha sagun, or in Shahabad

स्तान sulabh sagun. An evil omen is जुसगुन kusagun, also in the north-west बद् श्रान badshagun, and in Patna and Gaya नस्य nahas. In East Tirhut it is असग्न asgun. Other names are जुसाइत kusāït (an unlucky time) and जुनाचा kujātra (an unlucky starting).

- 1455. There are a vast number of village gods ((মান ইবলা grām deota) worshipped throughout the province. The principal amongst them will shortly be mentioned. A কালো আন্তাৰ kāli asthān, also called ইবা আন্তাৰ debī asthān or ইবা আৰ debi thān, which is a mound in honour of Kāli, the wife of Shiva (বিৰ Sib) is generally erected outside each village. In Tirhut under the village pīpal tree there is generally a mound, decorated with clay images of the principal personages in the epic connected with him, erected in honour of the Salhes who is mentioned in the following list. This is called a বাহুৰ অহ্যাৰ salhes asthān. The mound erected to a deceased Brahman or holy man is generally called a বাহুৰ অহ্যাৰ barhān.
- 1456. The following is a list of the principal village deities worshipped in Bihār. The more well-known deities, such as বিৰ Sib, মহাইব Mahādeb, ৰাহ্ম Barhom (Brahma), or ক্লিয়াৰ Krishn, are omitted. It will be observed that some of them are demons, who are worshipped in order to propitiate them.
  - स्मता भवानी Amta Bhawāni or स्थिनका भवानी Ambika Bhawāni, a form of Debi worshipped in Sāran.
  - कारू बीर Kāru Bīr or कारू दास Kāru Dās (south), also कलुखा बीर Kalua Bīr (Patna), worshipped by Doms and Dusādhs.
  - जुल देवता। Kul Dcota, the family god.
  - केतुक गोसाँदे Kaituk Gosāñiñ, worshipped in South Bhagalpur by Dusādhs.
  - কালো মালা Koila Māta, the goddess of a well spring, worshipped generally
  - কাহৰ কাহৰে Kodar Katta, worshipped by Doms in South Bhagalpur.
  - की Wol, worshipped in Gaya.
  - ৰোল বিহুৰ Khāje Khidar, the patron god of the boatman (মাজাত্ত malāh) caste. He is also often confused with a similar female deity মাজা মাহ Ganga Māi. Musalmān women fast on every Thursday in the month of Bhadon (August-September) and call the fast আৰু বিহুৰ কা বিহুৰ khāje khidar ka roja.

- ৰিবী মৰাৰী Kheti B. awāni (Patna and south-west), worshipped by Koïris when they plant and out their vegetables. In Patna a Musalmān vegetable-seller (কুল্ডা kunjra) worships বাম তাক্তা kām Thākur.
- মীৰণায় যাত্ৰন Gobnāi Rāüt (north-west), a deified cowherd worshipped in Sāran and Champāran.
- गोरेंचा Goraiya or गोरेचा Gorea, worshipped generally south of the Ganges and in Sāran, especially by Doms and Dusādhs; also called गोरिया Goriya (Patna).

चारों Ghaton, worshipped in South Bhagalpur by Dusadhs.

चतावन Chatāwan (Patna), worshipped by Doms and Dusādhs.

चिरकटवा पीर Chirkutwa Pir,—see डिप्टवार Dihwar.

पुष्ड माज Chuhar Māl,—see चल देव Salhes, worshipped in the south-east by Dusādhs.

বাছত Chot, worshipped by Doms and Dusadhs.

जारमा Jagdamma, the goddess of small-pox, worshipped in Patna and the south-east by Dusādhs.

चलासेन Jalāsen, the protector of bearers, worshipped in Saran.

चौद्दी बदम Janhari Barm, worshipped in Saran.

क्तनकी बीर Jhunki Bir, worshipped in Gaya.

समस्याक Damar dāk, (south), worshipped by Doms and Dusadhs.

TT Dak, worshipped in Patna, Gaya, and South Munger.

- ভিছৰত Dihuār (generally), also (Sāran and South Tirhut) বিষয়বো দীয় Chirkutwa Pīr. This is a very generally worshipped deity. There is supposed to be a separate one for each village. Every one who passes by throws a piece of cloth on his image.
- তেনা দীৰ Dheiha Pir (north) or টেকাৰা মাৰাই Dhelwa Gosañiñ (south), in whose honour a heap of earth is erected on the road-side, to which every passer-by adds a clod. He protects wayfarers.

देशे Debi, the popular name of the goddess Durga.

धरमनाच Dharmnath, an incarnation of Sib, worshipped in Saran.

नायक वाहेन Nāëk Sāheb, worshipped in Patna.

भारत Nāg, the snake god. Worshipped generally. In Saon (July-August) crowds of women calling themselves his

wives (नामिन nāgin) go out begging for 21 days, during which period they neither sleep under a roof nor eat salt. Half the proceeds of the begging are given to Brāhmans and the other half invested in salt and sweetmeats, which are eaten by the whole village. During the expedition several characteristic songs are sung, some of which have been published by the Asiatic Society of Bengal.

सञ्चित दाइ Mahthin Dāi, worshipped in the south-west.

पहास वर Pahās Bar (Patna and Gaya), worshipped by Doms and Dusadhs.

पाँची पीर Pāncho Iīr, the five saints named गाजी मीयाँ Gāji Mīyān हरीला Hathīla, परिहार Parihār, सहजा माद Sahja Māi, and अन्न सालार Ajab Sālār. They are worshipped by Musalmān drummers (इफाजी daphāli), who during an outbreak of cholera act as village Musalmān priests. They go about, beating drums, with an iron bar wrapped in red cloth and adorned with flowers, which represents गाजी मीयाँ Gāji Mīyān. They are paid in kind by the people at whose doors they stop and drum. A पंचिपिरया panchpiriya is a Hindu who worship Musalman saints. In Shahabad these five saints are worshiped conjointly with three others, as mentioned in the following verse:—

अमना सती, पाँचो पीर, लंगड़ा तार, छोबरना तीर Amna Sati, Pāncho Pīr, Langra Tār, Sobarna Tir.

Langra Tār is simply a crooked wire which is worshipped. Sobarna Tār means the banks of the river Sobarna.

দাৰে ৰাখ Pāras Nāth, worshipped by bankers (মন্থাৰাৰ mahajan). মুল ভাৰ Phul Dak (Gaya), worshipped by Doms and Dusadhs.

वसनौर Bakhtaur, a deified cowherd worshipped in South-East Tirbut.

ब दौतनी Bandautni (Gaya), worshipped by Doms and Dusadhs. ब दौत Bandaut (Gaya), worshipped by Doms and Dusadhs.

बनो Banni (south-west), worshipped by Doms and Dusadhs.

बरदबनिया Bardwaniya, worshipped in Patna.

बरहम इव Barham Deo, worshipped in Gaya.

वसायन कुँचार Basawan Kuñar, worshipped in Gaya.

बहोड़ Bahor, worshipped in Patna and South Munger by Dusādhs. बिस्सी बरम Bidesi Barm, worshipped in Sāran.

विसद्धरा Bisahra, worshipped in North-East Tirhut.

भैरव Bhairab or भेरो Bhairo, worshipped by cultivators in the south-east.

सकार बीर Makar Bir (north and east),—see § 299.

सनसा राम Mansa Rām (Patna), worshipped by Doms and Dusādhs.

सनानी हानो Manano Dano, worshipped by Doms in South Bhagalpur.

सनुषद्व Manus Deo (north and west), worshipped by Doms and Dusådhs.

सत्ताहानी Maldano (south), worshipped by Doms and Dusadhs.

सदान Masan (Patns), warshipped by Dusadhs and Doms. .

सद्भाया Mahmāya, the goddess of small-pox.

befriended Ram.

माता दाद Māta Dāi or सितली Sitli, the goddess of small-pox.

मीर पजुना Mīr Phojula, a Musalmān saint worshipped in Sāran.

मेच आब Meghu Dāk (Patna), worshipped by Doms and Dusādhs.

मेश Maiya (Patna and south-east), worshipped by Mushars, Dusādhs, and Doms,

भोती राम Moti Rām, brother of बरहेंच Salhes (q.v.), and worshipped in the south-east by Dusādhs.

যুৱনী ভাৰ Raghuni Dāk (Patna), worshipped by Doms and Dusādhs.

Roghu, worshipped in South Bhagalpur by Dusadhs.

বাম তাকুৰ Rām Thākur, worshipped in Patna and the south-east. See also ত্ৰিনী মৰানী Kheti Bhawāni.

राम बीर Ram Bir (Patna), or राम गोवाँइँ Ram Gosañin (Gaya), worshipped by Dusadhs.

Rāh or (North-East Tirhut) and Rāhu is a demon worshipped by Doms and Dusādhs. The ceremonies are a kind of fire-worship, in which the devotees run along a trench filled with blazing coals.

बीवा डोम Lila Dom, worshipped by Doms in South Bhagalpur. इतिचरा Sanichra (south-west), a god worshipped by vegetable sellers (त्रहा turha).

सन्ता Ealkho (south-west), worshipped by Doms and Dusadhs.

ৰজাইন Salhes or ৰাজ্য Sales (south and east), worshipped by Dom and Dusadhs. He was a great hero and the first watchman He fought a battle with সুহুত্ব মাজ Chuhar Māl of Mokāma, who was the first thief. A famous epic concerning him is current in Tirhut, and has been published by the Asiatic Society of Bengal.

साइजादी माद Sahjadi Mai, worshipped in the south-west.

सिंगेसर Singesar, worshipped in North-East Tirhut.

इरिराम बरम Harirām Farm, worshipped in Saran.

इरोहर नाथ Harihar Nath, in Saran, at Sonpur.

1457. A spell or charm is ग्न gun or मन्तर mantr. टोटका tot ka होटमा totma, or टोना tona, are spells or charms generally with an evil object. In Shahabad they were टोटरम totram; in Patna and Gaya they are optionally Batti utara patara, and in South Bhagalpur निंगका कोरी ningchha chhori. he जिया दान jiya dan, जिन्हान jib dan, or ब्रिस्न balidan, is an animal, &c., sacrified to काली Kāli as a kind of scapegoat. In cases of sickness various articles are exposed in a saucer at a cross-road. This custom is supposed to communicate the disease to the first person who touches it, and is called sin jog or जोग टोन jog ton, or in South Bhagalpur खोक ट म ojh tem. The contents of the saucer vary with the disease demon to be propitiated. There are generally some red with orhaul (hibiscus) flowers some sand, grain, and yellow cloth. If a ghost भूत bhut has to be propitiated, wine, or even a fowl, is laid there. In cases of small-pox, the cloth with which the sores were dressed is frequently put out, which often makes the superstition about communicating the disease a lament. able reality. In South-East Tirl ut an oblong mound studded with flags to avert cholera is called आंसरिक āsrik. The खटोबा khatola (north of the Ganges) is a miniature bedstead hung on a tree as a propitiatory offering.

1458. The following is a list of some of the various demons, ghosts, and other supernatural bogies believed in in Bihar. Those which are worshipped, and which hence have been included in the former list, are omitted.

- चाति वैताल Agi Baitāl or चातिया वैताल Agiya Baitāl, a hideous demon which lurks in trees, lives on dung beetles, and seizes wayfarers by night.
- and Kichin (South), a kind of Lamia. She assumes the shape of a beautiful woman, and visits and seduces any man whom she may meet in a lonely place. The man dies within a few months of his yielding to the temptation. She has feet back to front, i.e., toes behind and heels in front. Hence the wise may recognize her.
- चोचर Ghoghar (north-west), a ghost invoked to frighten children. चट्टा Chatta or चड्टा Chahta (north-west), चटना Chatna (north-east), a vampire who drinks up the milk of cows and women. In South Bhagalpur he is called चोर सटका Chor Matka.
- मुझे स Churail, also (in Shahabad) बहरिया Bahariya, an evil spirit which assumes the shape of a bird and sits on the roof of a house which contains a pregnant woman. This injures the child.
- जिलेया Jilanya or जसवे या Jalwaiya (south), or (South Bhagalpur) मर्चि इया Marchiriya, a fiend which takes the shape of a night bird, and is able to suck the blood of any person whose name it hears. Hence women are very careful about calling their children by name in the night time. If it fly over the head of a pregnant woman, the child born will he a weakling. Such a child is called जिल्हें या के इसल jalwaiya ke chhūal.

जिन Jin (north), a ghost, goblin, genius, 'djin.'

चुना Dūha,—see ब इत būra.

धोकर कसवा Dhokar Kaswa, a man with a bag who carries off naughty children.

नेको बीबो Neki Bibi (Gaya and south-west), a ghost invoked to frighten children.

पन सूबी Pandūbi,—see वृहा būra.

बरम पिचास Barm Pichās, a kind of ghost or goblin.

Būï is a ghost invoked to frighten children.

ब्हा Būra, डूबा Dūba, or पनदूवी Pandūbi, a water-demon, who drowns travellers.

बोपेर Baupher (north), a kind of ghost or goblin.

भाक्र Bhākur (north-west), a ghost invoked to frighten children. भत्त bhāt, a ghost or goblin generally.

भोकसवा Bhokaswa (south), a ghost invoked to frighten children.

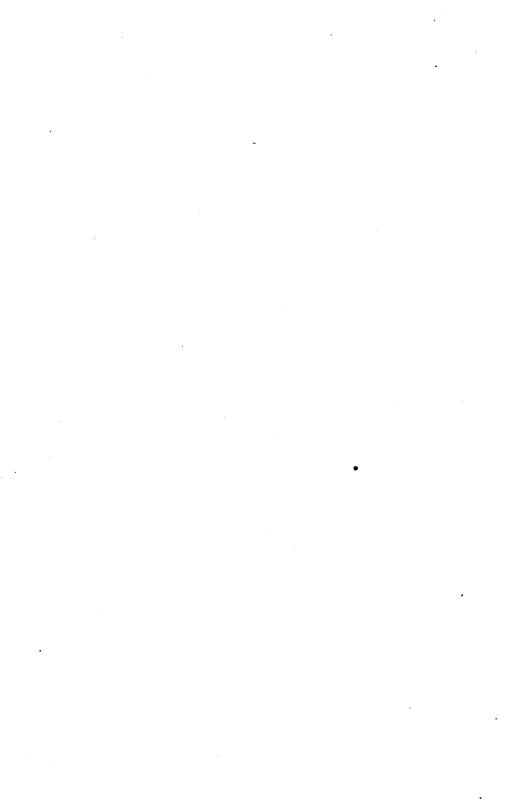
सनुसद्देश Manusdeba (north), a kind of ghost or goblin.

मरिचिड्या Marchiriyu,—see जिलाने या jilwaiya.

मांजा Māñoñ (north), a ghost invoked to frighten children.

দিনিয়াই ক বৈজ্ঞ mimiyā ke tel, a kind of bitumen brought from
Fersia and elsewhere. It is said to be extracted from the
heads of coolies who emigrate to the colonies, by hanging
them head downwards and roasting them over a slow fire.
The threat of extracting it from the head of a child is
therefore an active deterrent.

- হাৰাৰ Rākas, the will o' the wisp; it breathes fire and misleads travellers, but it also lives in the fields, and where it resides grain is produced in abundance.
- हसद् Sukhra (north), also सुद्धेनो sukhaini (North-East Tirhut) a vampire which sucks up children's blood.
- हाज Hāü (Patna), or हुम्मा humma (South Bhagalpur), a ghost invoked to frighten children.
- 1459. The उत्तरा utsarg, and also (in Tirhut) नाननोत्या kananotsarg, is the emblematical marriage of a grove to a well, without which preliminary observance it is unlawful to partake of the fruit. The विस्तातया birkhotsarg, and also (in Tirhut) the विस्ता baidik, is the ceremony of marriage performed in the name of a bullock let loose on the 11th day of mourning for a near relative. The निर्मात्या jalotsarg is the emblematical marriage ceremony on completion of a well or tank. It is married to an image erected close by. In case of a pond it is also called तरागतस्म tarāgotsarg, and on completion of a well निर्मात kupotsorg. The latter is called in South Phagalpur नूप का kup jag or नुद्धा दान kuïyān dān. बाटोतस्म bātotsarg is the ceremony on the completion of a road. No marriage is in this case performed.
- 1460. Water brought from a sacred river, spring, or place of pilgrimage নীয়ে (tīrath), is much used in religious ceremonies, and is carried by men called ক্ষমেণ্ডু kamarpanths. They are also called ক্ষমেণ্ডু kamwārthu in South-West Tirhut and অময়েখা kamrathus in South-East Tirhut.



#### DIVISION XIII.

## TRADE, MONEY-DEALING, AND ACCOUNTS.

#### CHAPTER I.—TRADE AND BAZAR ACCOUNTS.

- 1461. Trade is जेन देन len den, महाजनी mahajni, जार बार kārbār or कारोबार kārobār, बे बहार beohār वे यापार beyāpar or बे छोपार beopār, or बन्जि banij. In Patna City it is also बे बहारात beohargat. Exchange or barter is अदलई बदलई adlaī badlaī. A money-lender is महाजन mahājan, बाह sāh or बाहुकार sāhukār, or बे ह्वरिया behwariya. He is also called in the country बनिया baniya, and in South West Shahabad बाद sāo. In Patna City he is called कारोबारी kārobāri or घनी dhani. A banker is कोठीवाल kothiwal or खरका khaduka, or अवामी asāmi. In South Munger he is also called म जेरा mujera, in South Tirhut बनियोटा baniyauta and धारनिक dharnik, and in South Bhagalpur खात्व khātab. In Patna the words करन खोक karj khauk and करन खोर karj khor are also used.
- 1462. An account-book is ৰহা bahi. A trader's account-books are called collectively ৰহা দ্বানা bahi khāta. ভাৰে jākar in Gaya is a record of cloth sales kept by cloth-merchants. Each page of the account-book is called ঘ্ৰা panna, and also in North-East Tirhut ঘ্ৰা patta.
- 1463. The following are the books usually kept by village money-lenders:
  - (a) The হাজনামনা rojnāmcha.—This is the day-book. The left hand or credit side of the page is known as জনা jama, and the right or debit side as নাৰ nāne or নাম nām.
  - (b) The বাৰ্ষ বহা rokar bahi—Mr. Crooke's description of this is equally applicable to Bihār. It is exactly the same as the বাৰ্মৰ rojnāmcha. There is only this difference

88 R, & J, 53,

that it is balanced after each transaction. For example, the book shows Rs. 1,000 on the credit side; Rs. 100 are disbursed on a certain account. This is entered on the debit (बाकी bāki or बांच nānw) side, and the book is balanced showing Rs. 200 still to credit. This is called रोकड़ बाकी rokar bāki or बाकी तच्चिक bāki tahbīl, and is again brought forward to credit. North of the Ganges it is called पाजिस phājil. A man who carries on several distinct trades keeps up a separate रोकड़ बच्ची rokar bahi for each.

- (c) The বিদ্ধা ৰহী lekha bahi, the দোৱা khāta, or ভাৱা ৰহী khāta bahi.—This is the ledger, and is made up as time allows from the বাৰণান্য ৰহী rojnamcha bahi. It contains each creditor's or debtor's account separately with a reference to the page of the day-book on which each item has been entereed day by day. Some traders keep up a separate ভাৱা ৰহা khāta bahi for each of their trades or speculations, others have only one general one.
- (d) There is also the जमासर jamakharch, which is an abstract of the day-book, and is hence also called a खिराशेंगों khatiyauni, and shows the totals of receipts and payments on each page.
- 1464. Small traders generally only keep up the first of these books.
  —the राजगामचा rojnāmcha or day-book. Very small traders do not even keep this. They have a separate slip of paper containing each customer's account, and called चिट chit, चिट्टा chittha, or चिट्टी chittni, or प्राम् purja or प्राम् purja. In South Munger it is called चरवस sarkhat.
- 1465. Large traders, such as those in the city of Patna, with whom this work has nothing to do, keep up all the above four books. For the sake of completeness, the following information, founded on that given by Elliot in his Glossary, is added. Quoting Elliot's words (with the necessary alterations to suit local variations). "The page (of an account-book) is divided into two equal parts, called in Patna and rekāna: each of these is again divided into two and rukan or an rukan. The (first or) right-hand and rekāna is called the and hāsho. The first right-hand quarter (some say half) of the left-hand and rekāna is called and rata rekāna is called and rata.

The चौरा  $s\bar{s}ra$  contains the sum finally brought to account after the necessary deductions have been made from the gross amount in the  $\bar{\psi}$  and  $\bar{\tau}$   $\bar{t}$   $\bar{t}$ 

## CHAPTER II.—ACCOUNTS BETWEEN LANDLORD AND TENANT.

- 1466. These accounts are not usually kept in bound books, but on separate slips of paper, kept together in packets by a paper tape, called ব্ৰৱন tablak or নিৰ্ম kaidak.
- 1467. A tenant's receipt for rent is known as स्वीद rasid or साखिला dākhila, and in North-East Tirhut क्वन kabaj.
- 1468. The system of accounts differs according as the rent is paid in kind or in cash. Hence two sets of accounts are kept up in a landlord's office. They are the following:—
  - (a) Accounts of rents paid in kind-
    - 1. खसरा दानावन्दो khasra danabandi.
    - 2. खसरा बटाइ khasra batāï.
    - 3. मोफरोद mopharid.
    - 4. साग्गीत laggit and वासिस बाकी wāsil bāki.
    - 5. तिरिच जिनसवार tirij jiniswār.
    - 6. सियाचा siyāha.
    - 7. दिखाव विकरो महा hisāb bikri galla.
  - (b) Accounts of rents paid in cash—
    - 8. खसरा khasra.
    - 9. मोपरोह mopharid.
    - 10 लग्गीत laggit and बासिल बाकी wāsil bāki.
    - 11. तिरिच पटेवारी tirij patewari.
    - 12. वियाचा siyāha.
  - (c) In addition to the above, the following general accounts are kept, which are applicable to both kinds of rent—
    - 18. मोजहा molhaks.
    - 14. एड्एा dhaddha or जमा वासित बाकी jama wäsil baki.

- 15. जमाबन्दी jamābandi.
- 16. जमाखर्च jamākharch.
- 1469. The word तिरिज tirij, met with above, means 'abstract.' In small estates, Nos. 5,11 and 14 are often not used.
- 1470. The following is a brief description of the above accounts:—
  - (1) The खसरा दानावन्दो khasra danābandi. This is the account paper drawn up in the field when the दाना dāna or estimate of the crop is being made. It contains—
    - (a) The date.
      - (b) Name of tenant.
      - (c) Quantity of land (আহালী arāji).
      - (d) Length (ব্ৰা*tūl*) and breadth (অহল araj) of the plot.
      - (e) Name of the crop (বিবিষ jinis) thereon.
      - (t) The quantity of grain estimated.
  - The facts are tirij tārikhwār is a daily abstract of No. 1, and shows (in the case of division by appraisement) the total area of land and the quantity of grain estimated daily. The sum of all the daily entries in this paper shows the total area of lands of which the rent is paid in kind, and the produce thereof. This account is only kept when the division of the crop is by appraisement (sinted dānābandi, see § 913). Some landlords, however, also keep it in the case of actual division on the threshing-floor, as a check on No. 2.
  - (2) When the division is by actual division on the thereshing-floor (wait usix agor batāi, see § 914), a water usix khasra batāi is opened instead, containing the date, name of tenant, area, kind of crop, quantity, landlord's share cesses, &c.
  - (3) The HITTE mophrad is the bundle of papers in which separate accounts of each tenant are entered. A separate slip of paper is kept for each tenant. It is compiled from the was kept for each tenant. It is compiled from the was (No. 1). It shows the quantity of each kind of grain belonging to him which was

- estimated, date by date. The area of the land under each crop at each estimate is also given. When this is abstracted out so as to show the total area and total crop for each tenant, the abstract is called area and total trij mophrid.
- (4) The लिगत laggit and वासिल बाकी wāsil bāki are written up from no. 3, a separate slip of paper being kept for each tenant. They form a kind of ledger or personal account. The heads are as follows, -- the total quantity of each kind of grain and the area of land under each. The total share claimed by all the landlords (इाकिमी (इसा hākimi hissa) is then struck off. From this the shares of the other shareholders, who keep accounts separate from the landlord whose accounts we are considering, is deducted. To the remainder the cesses and other dues (अववाय abwāb) are added. The total shows the quantity of grain realizable from the tenant by the landlord on whose behalf the account is prepared. This portion of the account showing the demand is called the signa laggit. From the total demand the quantity of grain realized during the year is set off, and the balance, if any, is The whole paper showing demand, realization. and balance is called the alter alan wasil baki. An abstract of the जिलात laggit, showing under the head of each kind of grain separately the amount of crop of, and area of land under, that grain owned by each tenant, is called the तिरिष समित tirii laggit. The abstract of the वासित बाकी wāsil bāki is the द्वात dhaddha (No. 14).
- (b) The तिरिच चित्रस्य tirij jiniswār is compiled from the चित्रत laggit (No. 4). It shows in one entry for each tenant the total area he has under cultivation, and the amount of each kind of orop demanded from him.
- (6) The বিষয়ে siyāha is the day-book of receipts and disbursements of grain. An abstract of this, called the অবাৰে awārja or বাবো wārja, shows the total receipts and disbursements, date by date.
- (7) The হিবাৰ বিকাৰ নাজা hisāb bikri galla is the account showing the produce of the sale of the grain received as

rent. It shows the date of sale, quantity sold, rate, and price.

## 1471. We now come to the accounts of rent paid in cash.

- (8) ESTI khasra is the paper in which the area (ie., quital or length and size araj or breadth) as ascertained by measurement of the lands held by the tenants in a village, together with the rate per bigha or class (ust patta) of each plot, is enterered. An abstract of this shows the amount measured each day, while the measurement is going on, and is called fatts used tirij khasra. This used khasra gives only the measurement of the lands held temporarily on a cash rent, and differs from the regular used khasra or measurement papers of a village.
- (9) मोपरोह mophrid.—This is similar to No. 3, mutatis mutandis. It shows the area and different rates of rent of the various plots held by each tenant. Each tenant has a separate slip of paper, and all lands for which cash rents are paid, whether temporarily or not, are included in it. It is compiled from No. 8 and No. 10. An abstract of it, called तिरित्त मोपरोह tirij mophrid, shows the area of land held and total rent payable by each raiyat.
- (10) खिंगत laggit and वासिल बाकी wāsıl bāki.—These are similar. mutatis mutandis, to No. 4. They are the ledger account of each tenant. Each tenant has a page, on which is shown the area of his plots, rate of each, rent of each, total area, and total rent. From this the shares of the other sharelolders are deducted, and to the remainder the cesses and dues are added, together with the value of any rent in kind (दसाव गक्का damāo galla), due by the raiyat which has not been realized during the year. To this again the arrears of previous years are added, and the total shows the demand against the tenant. The paper thus far is called the जियात laggit. From the total demand is deducted the cash rent collected during the year, and the balance is struck to be carried to next year's account. The whole paper showing demand, realization, and balance is called

- the वासिन बाकी wāsil bāki. An abstract of the निश्च निश्च निश्च निश्च किया laggit, shows under the head of each tenant separately the total area held and rent payable by him at each rate. The abstract of the वासिन वाकी wāsil bāki is the एड्टा dhaddhha.
- (11) The attait tirij patewari is the paper in which the name of each ust patta or separate class of land in the village is entered, is showing the total area, rate and rent of each class. The total shows the total area of land held at various rates in the village. This paper is compiled from No. 10.
- (12) The ধিষাছা siyāha is the same (mutatis mutandis) as No. 6. In this the daily receipts and disbursements in cash, including the price of grain sold, are entered. It is, in fact, a cash-book. An abstract of this, called the অবাংলা awārja or বাংলা wārja, shows the total expenditure day by day.
- 1472. The following accounts are applicable to both kinds of rent.
  - (13) The Adaptation molhaki is a ledger account for each tenant, showing date by date all payments (whether in cash or kind) made by him. It is compiled from the teatest siyāha. An abstract of this, called acts Adaptation molhaki, shows the total payments made during the year by each tenant. The totals of this should agree with the total of No. 12 (the teatest siyāha) on the receipt side. It hence serves as an abstract of the receipt side of No. 12, while the eacts awārja is the abstract of the disbursement side.
  - (14) The চেত্ৰা dhadaha is also called the বিহিল বাজিল ৰাকী tirij wāsil bāki or লমা বাজিল ৰাকী jama wāsil bāki. It shows the name of the tenant; area of his holding at each rent; amount of rent : additions on account of cesses, unrealized grain rent and arrears of previous years; deductions on account of shares of other shareholders; deductions on account of cash rent realized; and balance. This paper is in fact an abstract of the বাজিল ৰাকী wāsil bāki (Nos. 6 and 10). The latter shows the accounts of each tenant

- reparately, whereas the LEGI dhaddha shows all the tenants' accounts on one sheet of paper. This form of account is according to Field\* said to have been invented by Udhmant Singh, of Nassipur, in the district of Murshidabad, in order to enable the zamindars to represent the collections as they pleased to the Muhammadan Government.
- (15) The जमाबन्दी jamābandi is the paper in which the total annual demand of the village on account of rent is entered. This paper does not usually show illegal demands from the tenants. These are generally shown only in the जमाखर jamakharch (No. 16).
- (16) The SHIGIT jamakharch is the final annual abstract of the financial condition of the village. It shows the total demand, realization, and balance of the year in more or less detail. The demand side shows the balance of previous year, the total demand according to the जमाबन्दी jamābandi (No. 15), and other items of demand (such as fines, illegal cesses, &c.) which do not find their way into the latter. The total is the grand total of the demand for the year. This demand is on the other side of the account again divided into money spent and balance. The money spent includes the portion of the realizations which are forwarded to head-quarters, and the portion of realizations spent on the village and on miscellaneous expenses. The balance is made up of realizations in hand, and for which the village official or the grain-merchant is responsible. landlord's unrealized demand, the latter of which is given in detail Some landlords have two copies of this paper,—one for their own information, containing the illegal cesses, and the other excluding them, so as to allow of its production in court.
- 1473. In the appendix to this work are given translations of the various forms of account as kept by a Patna landlord.

<sup>\*</sup> Law of Evidence, p. 670.

CHAPTER III.—INTEREST, DISCOUNT, AND COMMISSION.

- 1474. Discount commission are generally सनामा salami. वहां batta is also used south of the Ganges. In Patna they are also called फिरन्ता phiranta. बढ़ती barhti is a premium. सन्दर्भ sakrai is a commission of 3 or 6 pies per cent. charged by the acceptor on accepting a bill. नन्दर्भ सन्दर्भ nakrai sakrai is a charge at 8 anas per cent. on a drawer of a bill when his bill is not accepted. जानता साह जोग jābta sāh jog is a commission at one anna per cent. when the bill is accepted in favour of a banker. इंडियाना hundiyāna or इंडियानन hundiyāwan is commission on a bill-of-exchange (इ.स. hundi). Factorage, or the commission (of one or two pice per rupee) taken by a servant on goods bought for his master is इस्त्रा dastāri, or, more commonly, पन phal. इसाबो dalali is brokerage.
- 1475. Interest is चूह sud. Interest in kind, paid on seed-grain, is आवी āghi to the west and in South-East Tirhut. In South-West Shahabad it is जावन agwan, and in Patna छाड़ा chhāra or कर्दीर karhaur. North of the Ganges generally it is also called सवाद हर्दी sawāi derhi, in allusion to the rate at which the principal is lent. In the south-east it is वियाज biyāj Elsewhere वियाज biyāj or वियाज beāj is interest on money, which in the south-east is चूह sād. जासल usal or मूर्ट mur is the capital lent out at interest; but in Shahabad it is also मूल mul and in the south-east सही वर्ष या इत्यें rupaiya. भोनामा monāpha is profit. It is distinguished from interest (which is unlawful for them) by strict Musalmāns. Amongst others, however, the two terms are convertible. Other words for profit are वर्षेत्री barhotri or नामा nāpha in Shahabad, नमा napha or इनितमा intipha to the west, इन्तामा intāpha in the south-east, and बचित bachit in Patna, Gaya, and South Bhagalpur.
- 1476. पंचा paincha or इच्छोर hathpher is a loan when the exact thing is to be returned. A local variant is पंच painch in South-West Shahabad. It is also called उधार udhār, which properly means a jurchase on credit. करजा karja is a money loan. This is also called south of the Ganges करज karj, करजाम kariwām, and पंचा paincha. स्वार्श dasgardān or (amongst the educated) इस्तार्श dastgardān is a temporary loan without interest. इयप सिक्रिक्श or (in Shahabad) इया उधार hath udhār is also used in this sense.
- 1477. A debtor is खद्का khaduka or व्यवामी asāmi. Local names are खद्क khadduk in Gaya and the south-west, मजेरा mujera in Patna, and खातन khātab in South Bhagalpur. A defaulting debtor is जमामार 85 R. & J.

jamāmār, also चनसार thanmār in Champaran and South-East Tirhut समार malmār in South-West Tirhut, and चेन्नीसार thailimār in South Bhagalpur. Other names are खाड khāu in Saran, खोनार khaukār in South-East Tirhut, and ना देखन na dehan in Patna. The educate I say ना देखन na dehand. Outstandings are जन्मा lahna. A bad debt is मताल खाता gatā! khāta in Patna and the north-west, and गयान खाता gayāl khāta in Gaya and the south-west, of which गेन खाता gail khāta in South Munger is a variant. In South-West Shahabad it is also said to be गयतान gaptāl, in Tirhut they say बद्दा भेने būral bhelai, and in South Bhagalpur द्वो गेने dūbo gelai. When an animal or other property is pledged for a debt, it is called to the north-west and in West Tirhut नावन lāwan or खावन भावन lāwan jhāwan. Elsewhere it is भावन bharna or शिशे giron.

1478. To borrow money is चुद् पर वर्षेया काएव (or कािए जेव or कािए जाएव) sūd par rupaiya kārhab (or kārhi leb, or karhi laeb).

#### CHAPTER IV.—RATES OF INTEREST.

- 1479. A rate of interest is इर dar. The following are the rates of interest charged. Interest at one per cent. is वर्ष से कहा rupai saikra, at two per cent., इ. वर्ष से कहा du rupai saikra, and so on:—
  - (1) Ett derha, Exit deorha, or in the south-east Exital deurhiya. This is fifty per cent., e.g., a man borrows five maunds of grain at sowing time and repays imaunds at harvest, without reference to the selling price at the time of borrowing or repayment. This is confined to transactions in grain.
  - (2) सवार sawai or सर्वे या sawaiya is twenty-five per cent. as above.
  - (3) বিকাৰী ক মাৰ bikri ke bhāo (north), or মাৰ ক মাৰ bhao ke bhāo (south). also অৰল ক অৰল asal ke asal in the south-east.—In this grain is lent, and at harvest time an equivalent in grain to the real money value of the grain lent at the time of borrowing is returned.
  - (+) जागा lagani is giving one rupee's worth of grain and after six months receiving back one rupee two annas worth. In South Tirbut it is also called खडरबरी athrahai.

- (5) पैसे वर्षेया paise rupaiya is money interest at one pice per rupee per month. So इंद्र पैसे वर्षेया | derh paise rupaiya is one and a half pice per rupee per month.
- (6) বৰদ্বা takhi is money interest at two pice or one বৰা taka per rupee per mensem. In the south east it is also called অধ্যানী adhanni.
- (7) need gandhi is money interest at four pice per rupee per month.
- (8) ব্যরা charanni is four annas per rupee per annum.
- (9) पचअनी pachanni is five annas per rupee per annum.
- (10) इवसन्ती chawanni is six annas per rupee per annum.
- (11) किस्त kist or किस्त बन्दी kist bands is when the total of principal and interest is repayed within a stated time by fixed instalments.
- 1480. The first money received by a shopkeeper during the day is बोइनी bohni; also बोइनी बट टा bohni botta in Patna and Gaya, and बनहाइ banhai in South Bhagalpur. In Patna City it is गँडीट ganthaut or गाँडा gāntha. A pledge or deposit is गिर्चे giroñ or बन्धिक bandhik. In Patna, Gaya, and South Munger it is गिर्चे giroñ, in Shahabad गिर्दे girañ, in the south-west of that district गिर्चे गाँड giroñ-gānth, and in South Bhagalpur गिरमो girmi. परिया puriya, or in East Tirhut प्रचा purija, is a sealed or fastened-up deposit. चाकड़ jākar is goods which are taken away for use, if required, at a wedding, &c. The price is fixed before hand. If the goods are used, this is paid; if they are not used, they are returned, and a pice or two per rupee is paid to the shopkeeper.

### CHAPTER V.—MORTGAGE.

1481. A pawn or mortgage is रेडन rehan, बन्चिक bandhik, or सक्त्र makphūl. It is also जिरहे girain in Shahabad and जिरसी girmi in South Bhagalpur. सक्त्रक makphūl is more usually applied to mortgage of land, and the other terms to pawning of moveable articles; but this distinction is not universal. A mortgagor is राहिन rāhin, and a mortgagee is मुरलिन, murtahin, but these words are seldom used. The villagers prefer to use words like uses khaduka, use a khaduka, or

चारा asāmi for the former, and महाजन mahājan for the latter. In Patna a mortgagor is मजेरा mujera, and in Shahabad a mortgagee is नेवहरिया beohariya.

and interest are extinguished by being paid out of the profits of the land mortgaged for a fixed period, is पटीचा patana, सटीचा पटीचा satana patana, or सघीचा पटीचा sadhana patana. सह भरना sād bharna is similar, but the usufruct is only instead of interest, the principal remaining to be paid by the mortgagor. A विकास परीचा bai bil wafa is a mortgage of property for a fixed period, in which, if the total debt is not repaid within the period, the property becomes the mortgagee's in satisfaction of the debt. Money advanced on the security of standing crops is to the north जागी lāgr.

#### CHAPTER VI.-MISCELLANEOUS.

- 1483. An invoice or manifest is ৰীঘক bijak, and also to the east चिट्ठा chittha or फिरिस्त phirist. Insurance is बीमा bima, with a variant atta binwa in Shahabad. In the south-west of the latte: district it is TET HITI hunda bhāra. Something additional given to a purchaser is north of the Ganges धलुआ ghalua or जाभ साम labh sabh. In South-East Tirhut it is also with labh, and in South-West Tirbut acad barkat. South of the Ganges it is generally us phao or पिक्चा pichhua. A variant of the latter is पक्चा pachhua in the south-east. Another name is gran chutki in Patna. an jug is similarly used by women when making petty purchases, especially of vermilion (देवर senur) and collyrium (सिस्ती missi). Other names for this are संग्रनी mangni to the west and in South Tirhut, संग्रनी चंग्रनी mangni changni in Patna, जादा घोली lawa gholi north of the Ganges generally, जाना दुव्या lawa dua in South-West Tirhut, and जांदी danti वैद्याना beana or वयाना bayana is a handsel given by the buyer to the seller to secure his purchase.
- 1484. सजा gatla is a hole in the ground or a bag under the shop-keeper's seat in which he keeps his money. To test coin is बुक्तव bājhab, टोवन thokab, परखन parkhab, जांचन jānchab, नचार्य bajācb, or चांचनव anknab. In the south-east it is परखन parkhab. A money-tester is परखो parkhi or परखिया parakhiya, or चचनेया jachwaiya. In the south-east he is परिख्या parekhya. In Patna he is परिख्या parikh,

and in Gaya रोकरिया rokariya. To itest the correctness of scales is बाध जैव sādh leb. In Patna and the south-east it is धारा करन dhāra karab, and in Shahabad पास च दे खन pasangh dekhal. To test a weight is तास्व tārab or साध्य sādhab.

1485. Capital is पूजी punji or पुन्नी punji, and capital out at interest is बयाज beyaju or बे बाज beāju. It is also called सदी कपेया sādi rupaiya. The adjustment of accounts is बुक्तार्थ bujharath north of the Ganges, and म्पाई saphāï south of it. In South-West Shahabad it is बुक्तीता bujhauta To test the entries is जांच केव jānch leb or मिला केव mila leb. The testing is in Shahabad जांच मिलान jānch milān. A release in full is पारखत्तो phārkhatti or पारखत्तो pharkatti. In the north-west they say in such a case समतान हो गेल bhubhtan ho gail, and in the east of Tirhut they say his account is साप काम rāph sāph, and in Patna that it is बेबाल भेल bebāk bhail. In Patna they say बहा पार बे नाम उत्तर गेल bahi par se nām utar gel, and in South-West, Shahabad नाम घरल गेल nām gheral gail, alluding to the custom of encircling the name with a line when the account is cleared off.

1486. To become bankrupt is হিৰালা নিজ্মৰ diwāla niksab, or হিৰালা ৰ ঘ ছা ভাতৰ diwāla sudh ho jāëb. To make a man a bankrupt is হিৰালা নিজামৰ diwāla nikāsab. A bankrupt is হিৰালায় diwaliya. In Tirhut they would say of such a man মাৰ ভঞ্জ মলি হিছ sak ukhr gelainhi or হিৰালা ভঞ্জি মলি হিছ diwala ukhari gelainhi. In all the above the word may also be spelt হ ৰাজা dewāla. In Patna they say আৰহ তাত ভলতল ছ okar tāt ultal hai, in allusion to the custom amongst bankers of a bankrupt turning up one corner of his mat and sitting on it, as a notice of his condition. The action is equivalent to putting up the shutters in England. In connection with this it may be mentioned that Patna is famous for its bankrupts, as in the lines commemorating the three rascals of Bihār:—

भागसपूर के भगेलिया, कहसगाँव के टग, पटना के दिवासिया, तीनो नामसद, सने पाने इपरिश्वया, तीनो के तूरे रग, Bhāgalpūr ke Bhageliya, Kahalgānw ke thag, Patna ke diwāliya, tino nāmjad, Sune pāwe Chhaprahiya, tino ke tūre rag.

The Bhagels of Bhagalpur, the thags of Colgong, the bankrupts of Patna, are all famous (sharpers); but if a man of Chhapra hears this, he will beat them (lit. burst their veins) all (at their own weapons).

- 1487. A bill of exchange is इन्ही hundi or प्रवही पत्री hundi patri also in Gaya and the south-west until patri. The duplicate of the bill is ve painth. Also, in Patna City, de peth. The third duplicate is परपंड parpainth or परपंड parpeth, and the fourth जिन्ही jikri or This last is also a letter to a person other than the drawer for the acceptance of his endorsement by the drawer. A letter of advice is समाचारी चिही samāckāri chitthi. A bill payable at sight is दरसनी darsani. In Patna such bills by custom bear eleven day's date. payable after a future date, it is faurel miyadi or ueal mudati. One payable five days after sight is called un utun pahunch parman or (in Patna City) ঘৰ ই হাম pahunche dam. The address at the head of a banker's letter is जीत jog or चिर्नामा sirnāma. A bill paid and discharged is eight khokha. In Patna it is also Hunte bhugtan, and north of the Ganges Hugis bhubhtan. To accept a bill is Esterab. The date on which a bill falls due is called सित्ती mitti, which indeed in mercantile transactions is the general word for dates of all kinds.
- 1488. A warehouse is मोदाम godām. इरजा harja is demurrage. मचुन mahsul or मासूज māsūl is customs, postage, or railway freight, &c. A price-current is निरस्त नामा nirkh nāma. Cash or specie is नमस् nagad, नमदा नमदी nagda nagdi, or रोक rok. पावना pāwna is a claim, and रबीद rasid a receipt टकसाल taksāl is a mint. Merchandise is सौदागरी के मास saudāgri ke māl. Imports are सामदनी āmdani, and exports रमतनी raphtani.

#### DIVISION XIV.

## WEIGHTS AND MEASURES.

#### CHAPTER I.-MEASURES OF LENGTH.

- 1489. The আৰু angul is a finger-breadth, equal to about two-thirds of an inch. The width of the four fingers of one hand, i.e., four আৰু angul, is called a বীআ chaua. Instead of this, a measure is used in Shahabad called মুহা muttha, which is the width of the closed fist. Twelve finger-breadths make one span, which is বিশা bitta or বিজয়া bilasta, or to the north-east বিজয় bilast, to the south-east বিজয় bilast. South of the Ganges a still smaller scale is current. A यूत suf is the thickness of thread.
  - 3 सूत sut = 1 पेन pain.
  - 8 पैन pain = 1 finger-breadth.
- 1490. In Shahabad and the south-east a finger-breadth is negative. In Shahabad and Patna in measuring wood however, a negative equals two finger-breadths, and fourteen of these make one may gaj or will hāth (wood measure). Twenty-four finger-breadths, or six along chaua, or two family bilta, make one will hāth or will hāth, which is a cubit. The will hāth is the standard from which the others are taken, and varies from 15 to 20 inches in length, 18 inches being the average.
- 1491. Two cubits make one देश deg or pace, and also one सम gaj or yard. A शिर्ष girah, शिर्ष girah or शिर्ष gire is the length of the forefinger, and 16 go to a सम gaj. Another name for a शिर्ष girah is देशकों kanwān in Patna and Gaya. Three सम gaj or six cubits make one जार lagga or जासी laggi, which is also called दीस bāne

south of the Ganges, and west lattha in South-West Shahabad. Another new gaj is the tenseth new Sikandri gaj, also called at new bara gaj or agan new barka gaj, which is 2½ cubits north of the Ganges and 48 fingers or 2 cubits south of it. It was the yard used in land measuring until Akbar's time, and properly equals 26 inches, but has become in the village mind confused with the at new bara gaj. This is the tailor's yard, and is called by them and new katai gaj or and new katti gaj. Akbar introduced as the standard measure of the empire the tense new ilāhi gaj, equal to 33½ inches, which is still in use in the North-West Provinces.

- 1492. In South-East Tirbut and Patna साथ dhāp equals का deg or सहस kadam, a pace, but elsewhere north of the Ganges and in the south-east it is about half a कीस kos; see below. Another name of this last is सेस mail or सोस mīl, a corruption of the English 'mile.' The rassi or स्वरी rassi is equal to 20 स्वारी laggi or 120 cubits. In South-West Shahabad 70 cubits make a स्वारी rassi. Generally 60 स्वारी rassi make one कीस kos, but in South-West Shahabad it is 50 स्वारी rassi. The कीस kos varies greatly in length in different districts. An ordinary कीस kos is however 60 स्वारी rassi, 1,200 स्वारी laggi, or 3,600 सम gaj or yards, or 80 yards, more than two miles. The सीकीस gaukos is a vague measure of distance, as far as a cow's bellow can be heard. A कमा कीस kachcha kos is a short कीस kos, and साथ dhāp (see above) is generally about a mile.
- 1493. A cubit used in measuring earthwork and well-sinking is attached to the north-west and soften khanit (literally, digging) in the south-west. In South-West Shahabad and South-East Tirhut it is sent khanta. In Gaya it is attached, and to the south-east and gilandāji (which means simply earth-work). In digging a well the depth is measured in men's heights, called The paris, &c. See § 923.
- 1494. The following table shows the ralative value of the principal measures of length.

55

§ 1494]

Kos, t.c., 2 miles 80 yards.	60	1,200	3,600	7,200	14,400	43,290	1,72,800	5,18,400	1,555,300
<u> </u>	Bassi	30	60	130	240	720	2,880	8,640	25,930
		Laggi, or rod	8	•	. 12	36	144	432	1,296
			Gay, or yard	2	4	12	48	144	432
			1	Hath, or cubit	2	6	24	2	216
				-	Bitta, or span	3	12	36	108
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					(	Chaua	4	13	36
•	•		Æ				Anguli, or finger-breadth.	3	9
			4			•		Pain	8
P			*						Suf or thread.

#### CHAPTER II.—SUPERFICIAL MEASURE.

1495. The पका विश्व pakka bigha is fixed at 14,400 square feet, or 1,600 square yards. It is therefore a little less than i of the English acre of 4,840 square yards. The कवा विश्व kachcha bigha varies in every pargana; it is generally smaller than, but is sometimes larger than, the standard. The foundation of the size of the bigha is the क्यांगी laggi (see above, § 1491), which varies greatly in the number of cubits which it contains. A square क्यांगी laggi is a पूर dhār. Twenty पूर dhār make one कर्टा kattha, and 20 कर्टा kattha make one विश्व bigha. In Shahabad a कर्टा kattha is called a विश्व biswa. In East Tirhut a विश्व bigha is also called क्यों kāro North of the Ganges 4 पार pāï make one पूर dhār; south of it—

9 square चौचा chaua make । sq. डेंग deg or कर्म kadam.

9 ,, **ड**ोस

] sq. Tt dhūr.

#### CHAPTER III.—MEASURES OF PROPORTION

1496. Proportion is generally expressed by saying so many annas in the rupee. Thus 10 annas in the rupee = 10:16, 4 annas in the rupee = 1:2; and so on. In calculating proportionate shares in estates, two systems are in vogue. In both the estate (भौजा manja or महाज mahāl) is the unit. In one system the following is the scale:—

। मौचा mauja or सञ्चान mahāl = 16 बाना āna.

1 खाना  $\bar{a}na = 20$  हास  $d\bar{a}m$ .

! शाम dām = 20 की शो kouri.

1 कौड़ी kauri = 20 बौड़ी bauri.

1 बीड़ी bauri = 20 पोड़ी phauri.

1 फीड़ो phauri = 20 रीड़ी rauri.

The other system is as follows:—

1 मीचा mauja or महाज mahāl = 16 जाना āna.

1 **पाना** वेतव = 12 पा**र** pāi.

। पार pāi = 20 करांत karānt.

। कर्ति karānt = 20 सर्वत masānt.

1 मर्बात masant = 20 चित्रांस dismal (? = decimal).

1 विविध्य diemel = 20 विविध्य bismil.

The first system is called the Hindustani, and the second the English system.

#### CHAPTER IV.—MEASURES OF WEIGHT.

1497. 25 दास dām are counted to the pice (पैचा paisa). A दमहो damri is a nominal coin equal to 3 द्वाम dām. The चारो addhi is half a दमहो damri. The टका takka or टका taka = 50 दाम dām or two pice, and the अधेला adhela or (in South-West Shahabad) अधेलवा adhelaha, is 12 द्वाम dām, or half a pice. The दोनहा or दोकरा dokra or इदाम chhadām is 6 दे दाम dām, or दे of a pice. A pice is also called 5 बुआ dhebua or (in Gaya) कचा kachcha. The इदाम chhadām or sixteenth part of an āna is also called कनवर kanwaī, कनवां kanwān or इटांक chhatānk. The following table will make this clear —

Dam.	ř	Ť	121	ic en	99	100
	Damri.	eq	•	«co	16	82
,		Ohladam.	a	. 4	σο	. 91
			Adhela.	03	*	66
		•		Paisa or		
					Taka.	
				e.		Ancoranna,

1498. In weighing, the Thi rutts of 1.875 grains Troy is taken as the standard. From this the following scheme may be drawn up:

8 रती ratti = 1 मासा māsa = 15 grains Troy.

12 মাৰা māsa = 1 নীৰা tola = 7 dwt. 12 grains Troy or the weight of one rupee.

5 तोजा tola = 1 कनवाँ kanwān or छटाँक chhatānk = loz. 17 dwt. 12 grains Troy.

16 कनवाँ kanwān or इटोंक chhatānk = 1 सेर ser = 21b. 6 oz. Troy.

40 सेर ser = 1 सन man = 100lb. Troy = 82.286lb.

Avoirdupois. This is the standard सन

man or maund, and 27.222 of these go
to the English ton.

For larger weights the  $\exists t$  ser is the standard. In local bazārs it varies greatly, not only according to locality, but according to goods sold. The bazār  $\exists t$  ser is named as containing so many  $\exists t \in S$  and S are S are S and S are S are S are S and S are S are S are S are S are S and S are S and S are S are S are S are S are S are S and S are S are S are S are S and S are S are S are S are S and S are S are S and S are S are S and S are S and S are S are S are S and S are S are S are S are S are S and S are S and S are S are S are S are S are S are S and S are S are S are S and S are S are S and S are S are S and S are S and S are S are S and S are S are S and S are S are S and S are S

1499. In weighing gold, jewels, &c., the standard is the red seed (abrus precatorius) called the ক্ৰোনা kariani, লাল lāl, or ক্লা বনা kachchi ratti. It is said to weigh three barleycorns (লী jau).

The jeweller's scale is as follows:-

3 and iau = 1 and lal.

4 ditto = 1 Tell ratti.

2 जाज lal = 1} रती ratti.

4 रती ratti = 1 चीरती chauratti.

5½ ditto = 1 sin anni.

8 ditto = 1 मासा māsa, मसा massa, or मसिका masska = 15 grs. Troy.

101 ditto = 1 द्वारी duanni:

- 8 दुबाजो duanni or 10 । माचा māsa = 1 क्र dhak or (in South-West Shahabad) टाका dhāka, which is the weight of a rupee = 6 dwts. 6 है grs. Troy?
- 12 माबा māsa = 1 तोबा tola = 7 dwts. 12 grs. Troy. Here is will be seen that the jeweller's rupee is less than a tola.

1500. The following weights are common throughout Bihār:—

528 chhatanki = 16 of a ser.

अधपहें adhpai, अधपास adhpāü, or अधपीया adhpana = i of a ser पान pāw, पाना pāwa, or पीका pana = i of a ser.

षाधसेरा adhsera or धासरा asera = है a ser.

तिनपोद्धा tinpaua = } of a ser.

सर्वेद्धा sawaiya, properly 11 ser; really 1 of a परिशे paseri.

रेज़्सेरी derheeri = 1 ! ser.

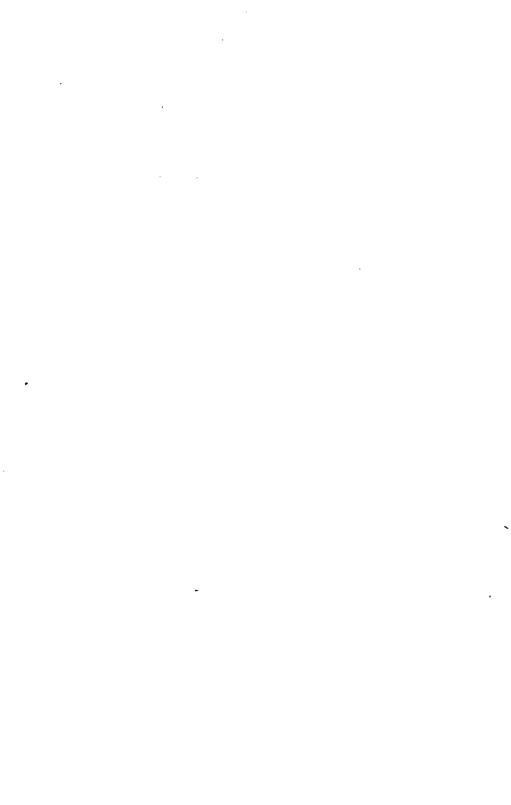
आदा arha, आद्रीया arhaiya, properly 21 ser; really 1 of a परिशे paseri.

तिनसेरा tinsera or तिनसेरी tinseri = 3 ser.

चरसेरा charsero or चरसेरी charsers = 4 ser.

पहेरी paseri, also (in Shahabad) पनसेश pansera, or पनसेश panseri. This is properly 5 ser, but varies greatly. It is usually said to be 7 ser kachcha, but is sometimes only 5 or 6. Vegetable-sellers generally call it 6 ser.

utti dhāra = 10 ser. In Shahabad it sometimes means 5 ser.



# APPENDIX.

\_\_\_0\_\_\_

# FORMS OF ACCOUNTS USED IN A LANDLORD'S OFFICE IN PATNA.

1.

खसरा दानावन्दी Khasra Danabandi.

YEAR.-

Khasra Danabandi of the

Crop in the Estate of

DATE-

Name of tenant.	Length.	Breadth.	Area of plot.	Kind of crop.	Amount of crop estimated.
					•

## 1a.

तिरिन तारीखवार Tirij Tarikhwar.

YEAR-

Tirij Tarikhwar of the Khasra Danabandi of Village

Date.	Total area of crop estimated.	Total amount of crop estimated.
		-

## खसरा बटाइ Kharra Batai.

#### YEAR-

#### Khasra of Division of

Crop in the Estate of

DATE-

Name of tenant.	Area.	Kind of crop.	Amount of grain.	Landlord's share.	Dahiya <b>k,</b> *	Pansera.†	Total of columns 5 to 7.
			·			9 . 1	

#### 2a.

#### Abstract of the above. (1) Date (2) Area (3) Total amount of grain (4) Landlord's share (5) दहियक्त dahiyak\* ••• (6) पनसे रा panserat (7) Total In the original, the columns run across the (8) सोनारी sonari (weighman's fees) ... page instead of from . (9) মাহল অন্দল ই ganj aphjud ‡ top to bottom. (10) at barhi § ... (11) सहित saddhi || (12) Total

<sup>\*</sup> Vide foot note to form (5).

<sup>†</sup> After the division of crop, dahigak is added to the landlord's share, to which again 5 seers are added, that quantity being taken from the tenant's shere under the name of paneers.

I Grain found in excess at the time of second weighment on the floor after the grain has been taken over by the landlord.

<sup>§</sup> Grain found in excess at the time of third weighment, when the grain has been carried to the landlord's granary.

<sup>||</sup> Grain found in excess owing to swelling, &c., when the whole amount of grain stored has been sold of,

## मोपरीइ Mophrid.

YBAB-

Mephrid of the Rent in Kind for the

Crop.

NAME OF TENANT .-

Black Paddy.

	Date of Estimate:	Area.	Amount of Crop
1			
		•	

#### Paddy Sown Broadcast.

Date of Estimate.	Area.	Amount of Crop.
	*	

## Basmati Paddy.

,	Date of I	Istimate.	Area.	Amount of Crop.
				1

and so on for every kind of grain in the tenant's holding.

Total Ares.	.5	Total Amount of Grain.
		•

## 3a.

## Abstract of the last.

#### YBAE-

Name of Tenant.	Total Area.	Amount of Crop.

#### 4.

# खरिमत Laggit and वासित पानी Wasil Baki.

#### YEAR-

Laggit of Rents paid in Kind for the Whole Year.

#### NAME OF TENANT .-

Kind of grain.	Area.	Total grain.	Share of landlord.	Dahiysk.	Total due.	Realized.	Balanee.
,							
	w.				) )		

See note to form 5,

## 4a.

## Abstract of the last.

#### YBAB.-

## Black Paddy.

Name of Terant.	Area.	Amount due.
-		]
-	, T	
,		
		· var en en en en en en

## White Paddy.

Name of Tenant.	Area.	Amount due.
4		
	•	
المنظمة المنظم المنظمة المنظمة		A STATE OF THE STA

## तिरिच जिनिसवार Tirij Jiniswar.

#### YBAB.-

#### Tirij Janiewer for the Village of

- 1. Name of tenant.
- 2. Area under cultivation.
- 8. Grain due.
- 4. Dahiyak.\*
- 5. Total.
- 6. Amount of maize.
- 7. Ditto of marua.
- 8. Ditto of sathi paddy.

and so on, a separate column being allotted to each crop.

In the original, the form runs cross the page in columns, and not from top to bottom.

6.

## सियाचा Siyāka.

#### YEAR .-

#### Day-book of Receipts and Disbursements of Grain.

#### DATE .-

Receipts.	Amount.	Dieburse	ments.	Amount.
From so and so— Sathi paddy 5 maund Broadcast paddy2 "	7 maunds	Sent to the landlord Sold, viz		11111
From so and so	******	Total Mds.	111	
Total Mds.	· · · · · · · · · · · · · · · · · · ·	Balance Mds.	111	

This is the amount the landlord receives in addition to his half share. South of the Ganges he generally realizes 5 ser per: man, i.e. he receives 9 ser in every 16 ser, the tenant's share being 7 ser. This division of crop is called "AUTI sausatta." i.e. 9—7 See § 906.

68.
Abstract of above, or चवार्चा Awārja.

:	RECEIPTS.		Expenditura.
Date.	Amount of Grain.	Date.	Amount of Grain.
	,		•

7. द्विसाव विकरी ग्राह्मा Hisāb Bikri Galla.

#### YBAR.-

Date.	Amount sold.	Rate.	Price realized.
	• /		
	* * * * * * * * * * * * * * * * * * *	a tank and so as a	همر ودي المحيد المراجع والمتعدد المراجع والمتعدد
			•

## खसरा Khaera.

#### YBAB.-

# Khuera showing the Measurements of Lands let at Cash Rates in the Village of

#### DATE.-

Name of Tenant.	Length.	Breadth.	Area.	Class of Land or rate per bigha.

## 8a.

Abstract of the above.

#### YEAR.-

Tirij Khaera showing the Measurements of Lands let at Cash Rates in the Village of

Date.	Area.
,	
	•
•	

9,

## मोपरीद Mophrid.

## Mophrid of the Lands paying Cash Rates in the Village of

YEAR.

NAME OF TENANT .--

At Rs. 4 per ligha.

Date of Measurement.	Area.
4	
	1
At Rs. 3	per bigha.
Date of Measurement.	Area.
	· · · · · · · · · · · · · · · · · · ·
	,
•	i ·

## 9a.

## Abstract of the above:

#### YEAR.-

Tirij Mophrid of the Lands paying Cash Rates in the Village of

Name of Tenant.	Area held by him.	Rent.
	i	-
		,

## 10.

## मग्मित Laggit and वासिल-वाकी Wasil-baki.

YEAR .-

Laggit of Rents payable in Cash in the Village of

Namb of Tenant.—

Class of land held by him.	Area.	Rate of the	class.	Rent.
	,		'è	
Total rent	•••	•••	•••	•••
Cesses	***	•••	•••	•••
Value of unrealized r	ent in kind for	r the year	•••	•••
Arrears of previous y	ears	•••	•••	•••
	•	•		-
Total demand	100	•••	***	•••
Deduct realizations	• •••	***	•••	***
				- `
Balance to be carried	to next year's	account	***	

## 10a.

## Abstract of the above.

#### YEAR .-

तिरिज जग्गित Tirij Laggit of Lands paying Cash Rates in the Village of
At Rs. 4 per bigha.

Name of Tenant.	Area.	Rent.
and the second s	1	

## At Rs. 3 per bigha.

Name of tenant.	Area.	Rent.
	·	

and so on for each rate of rent.

11. तिरिच पर वारी Tirij Patewari for the Village of

Class of	Land or De	egrees of Ra	te.	Area.	Kate.	Rent.
lst class	•••	•••	•••	*** 194	*****	•••••
2nd do.	•••	•••	•••		•	••••
And so on	•••	•••	900		*****	

## सियादा Siyata.

YEAR.

## Day-book of Receipts and Disbursements of Cash.

#### DATE.-

Receipts.		Expenditure.			
Name of Tenant.	Name of Tenant. Amount paid.		Amount.		
		,	-		
	•.				

#### BALANCE.

## 12a.

Abstract of the above, or sacretal Awarja, showing Expenditure only.

Amount sent to Landlord.

Date.	Amount.					

## Salary of Village Establishment paid.

1	Amount.
*	
-	
Expenses (	Repairs to Embankments, &c.)  Amount.
-	•
	•
money suppl	
	Amount.
	money suppl

# मोलह को Molhaki.

#### YBAR,-

## Molhaki of Payments in Cash and Kind for the Whole Year.

#### NAME OF TENANT .-

CASH PAY	MENTS.	PAYMENTS IN KIND.				
Date. Amount.		Date.	Amount of Grain.			
	•					

## 13a.

#### Abstract of the above.

#### YEAR,-

Name of Tenant,	Total amount paid by him in cash.	Total amount paid by him in kind.			
•	,				

#### GE GI Dhaddha.

(In the original, the columns run across the page, instead of from top to bottom. The various cesses, &c., named are only samples, and differ in every village.)

#### YEAR.

# Dhaddha Wasilbaki for the Whole Year in the Village of Columns.

- (1) Name of tenant.
- (2) Area of holding in subheads according to rate and class.
- (3) Rent.
- (4) दुख्यद्गी duanni. \*
- (5) Weighman's fees (सानादी sonars).
- (6) कांच चराई kah charai.†
- (7) कोडी सोंग kothi sora.1
- (8) मोतरफा motarpha.§
- (9) विकारी आस bikri am (price of manges).
- (10) বাহ tar (rent of toddy-palms.)
- (11) Rent for mahua trees.
- (12) महत्ती machhli (fishery-dues.)
- (13) Total of above.
- (14) बहा माल batta mal.||
- (15) बहा कम्पनी -batta kampani.||
- (16) Road-cess.
- (17) Unrealized grain-rent.
- (18) Arrears.
- (19) Grand total of demand.
- (20) Deduct share of other landlords.
- (21) Remainder, i.e., ETTI BIE kissa khas (own share).
- (22) Realized.
- (23) Balance due.
- (24) Credit, realized in excess.

<sup>\*</sup> See § 1201.

<sup>†</sup> Dues for grazing cattle. All cattle, except buffaloes, are generally exempt. Each buffalo is charged at from 2 to 4 annas a year. See § 1151.

<sup>‡</sup> Rent of a saltpetre factory.

<sup>§</sup> Rent of houses occupied by shopkeepers, oil-men, weavers, and other non-cultivating tenants. See § 1201.

<sup>||</sup> See § 1202. These are only charged on rent of land and on old settlements of other kinds. For instance, if a new settlement is made of toddy palms, it is made in Company's rupees, and no exchange rate is added to the rent. The addition of a rate of exchange, in fact, depends on whether the settlement is made in old coinage or in new; and according to custom, rent of land is generally settled, even at the present day, in the old coinage, but not see ther rents.

#### चमावन्दी Jamabandi.

Jamabandi of Village

for the Whole Year

F. 8.

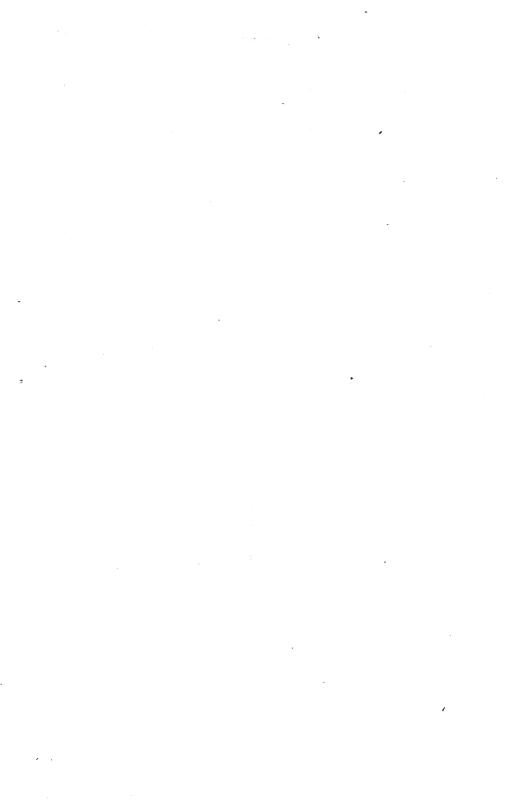
Note.—The order of the items has been reversed for the sake of clearness. In the original, according to native custom, the totals are written first, and under them the subsidiary items. For a similar reason imaginary figures have been written against the various tems.

				,				Area	•	Dema	nd.	
								В. 1	K. DH.	Rs.	۸.	P.
TO:11 9-1 3:11 0 0	•••	100 100 100 100	•••	•••	•••	•••	•••	200 800 500 500	0 0 0 0 0 0 0 0	800 2,400 1,250 1,000	0 0 0 0	0
Total area under cultivation Add area not under cultivation	•••	•••	••••	•••	•••			<b>2,000</b>	0 0 0 0			
Total area of village	•••	•••	•••	•••	•••	•••		2,100	0 0	1		
Total rent-demand Ad i cesses (only legal ones enter आयर suyar (i.e., miscellaneou	 ed here) s rights, e	g., fishing-r	 ights. Cf. §	 1232)	•••	•••	 	••••	••	5,450 300 250	0	0 0
			Total o	lamand und	ler jamaba	ndi	•••	••••		6,000	0	0

Jamakharch of Village for the Whole Year F.S.

Note.—The order of items has been reversed as in No. 15, from which also the imaginary figures are carried into this form.

DEMANDS.		Outgoings.				
Nature of Demands.	Rs. A. P. Rs. A. P.	Nature of Outgoings.	Rs. A. P.	Bs. A. P.		
Balance of arrears of previous year's jama- kharch—	-	Realized in cash and remitted to landloid Ditto in kind ditto ditto	4,000 0 0 500 0 0			
(a) Principal (b) Interest thereon, and fines, &c., on defaulters in respect to it	300 0 0 50 0 0	Total remitted to landlord Village expenses— Salary of establishment	500 <b>0</b> 0	4,500 0 0		
Total Balance	350 0 0	And so on.  Total village expenses  Miscellaneous expenses—	247 0 0	<b>747</b> 0 0		
Demand for present year—  (a) As per jamabandi  (b) Not in jamatandi	6,000 0 0	पनियोचा paniyocha† गरामता garamta*	150 0 0 3 0 0			
(Here are entered in detail all illegal cesses, oc., which have been excluded from the jama-		And so on in detail.  Total miscellaneous expenses  Balance— With the gumashta (in hand)	50 0 0	153 0 0		
dandi) Total, say	400 0 0	Due from the tenants (each tenant's name in detail) With the grain-merchant	1,100 0 0 200 0 0			
Total for present year	6,400 0 0	Total balance	•••••	1,350 0		
GRAND TOTAL OF DEMAND	6,750 0 0	GRAND TOTAL		6,750 0		



# INDEX.

(The numbers refer to paragraphs.)

#### ॥ अ व ॥

च्य **बाटा** ankta, 1075, 1183. अंकड्रा ankra, 794. ख कड़ी ankri, 794, 1183, 1266. म्बा का ankrail, 794. खंबडीर ankraur, 794. ख्रकह akad, 1273. खनह सानी akad sāni, 1279. ख क्व anknab, 1484. खंकरा ankra, 1075. चक्र ह akrāh, 786. स्या ankariya, 1118. खकरी akri, 24, 1272. **अकरी** ankri, 1075, 1183. ख्य कवरिया ankwariya, 236. ख्यक्वार akwār, 886. स्र कवार ankwar, 886. ख्यकाख akāl, 965a. **चकाल गीर** akāl gīr, 965a.. ख्यकाल बीर akāl bīr, 965a. च्यवासी akāsi, 68, 363. अंकुड़ा ankura, 500. च कार्र ankuraha, 376,412,414,957. खाकारा akura, 564. चा कारा ankura, 222. 376, 414, 412, 500, 564, 986, 1001. ख्र कराएल ankurāël, 1009.

88 R. & J.

**चक्करी** akuri, 102, 566, 1424. ज़री ankuri, 222, 412, 564, 877. स्र क्रमा aukusa, 500. अ क्रिसी ankusi, 14, 376, 500. चाँकोरा ankora, 32, 172, 376, 412. व्यकोच के तेल akol ke tel, 1045. अखादवा akharhwa, 1086. अंखम् देनी ankhmundni, 97. चाखरतिजिया akhartijiya, 1444. प्रवाच akhartīj, 1444. च्यखरतीत akhartit, 1444. **चिव्हा** akhraha, 1234. **ध्यवरा** akkra, 1272. **चाबरी** akhri, 1272. **गहरो** akhro, 1272, ष्य खवा ankhwa, 1009. **जखा**द akhārh, 1039, **1**08**2**, 1083. **चाखा** ही akhārhi, 1009, 1039. खादी कोड्न akhārhi koran, 1009. च्यें खिया ankhiya, 1009, 1010, 1376. च्यं खियाय ankhiyāy, 1009. **च ख**ञा ankhua, 769, 987, 1901, 1009, 10**1**0. अ**खिकार्**व ankhuāëh, 987. **छाँखञाएल** ankhuāël, 1009. च्यवेता akheta 933.

1(a)

**चार्वेर** akhed, 933. खिना akhena. 76. च्यविन akhain, च्यक्तेना akhaina, 76. च्याखेला akhaila, 431. **चा**खोतो akkoto, 933. चार्वीत akhaut, 611, 933, 940. **प्रखी**ता akhauta, 431, 464, 611, 933, 940. **ष्यं क्षीता** ankhauta, 933. **ซ้าเ** ล angañūń, 1203. ख्राकाद्भा agkarhna, 319k. चार् agra, 875. च्याड़ीर agraur, 1186. खाती agti, 1332. ख्याहाइ agdāin, 889. ख्यादाएँ agdāën, 889. ख्राह याँ agdainyān, 889. खाँग angna, 1237, 1254. खानी angnai, 1237. खावर agbar 901, 1203. **चा गरखा** angarkha, १२८, ७२९. SITTUIZ agarpāt, 918. च्यारवन्ध् agarbandhu, 1010. ख गरवार angarwār, 281. ख्रारवाह angawāh, 293. **धगर**स agras, 366. खारा agra, 1008, 1010, 1012. खाँगरा angra, 1074. ष्यगराय agrāy, 1089. खारी agri, 1250, 1252. **अंगरेजी** angreji, 504, 1263. ख्रारेल agrail, 679 खारीटा agrauta, 1272. च्याका agla, 875. खावड agwar, 842, 844, 1186. **प्रावड् जन** agwar jan, 842. **चारावा**, agwarh, 842. खाबा, जन agwarh jan, 842. ख्यावन agwan, 1186, 1475.

खामवरिया agwariya, 842.

चा गवरिया angwariya, 842, 846. ख्यावार agwār, 901. खाँगवार angwar, 842. अंगवारा angwara, 846. खावारी agwāri, 901. च्यावास agwās, 1237. अगस्त agast, 1091. च्याह्न aghan, 1082, 1092. त्रग्रहनत्रा aghanua, 996. खगाउर agāür, 1186. अगाइ agār, 113, 901, 914, 1012. च्यााड़ी agāri, 113. जगार agār, 113, 931, 1186. च्यारी agāri, 113, 931, 1008. अशारी angāri, 288, 585. खानिवाय aginbay, 1170. खशिया agiya, 1075, 1170. ग्रागिया वैताल ugiya baitāl, 1458. ख्य शिया angiya, 607, 744. **छातियासी** agryāsi, 1332, 1398. ज्याका agila, 235 (footnote). खाखा agua. 558, 12:6. खगुद्यामी oguāni, 1237. **च्याचार** aguār, 1237. चागुचारा aguāra, 1237. अंगठा angulha, 760, 772. खाँ ब anguthi, 756, 769. ख्या सी agutti, 1237. खाँग स्ताना angustāna, 769. खात के उन्ट agūt ke thāt, 1245. खाँ दीषा angeriha, 292. ख्र गेटा angetha, 529, 567. खाँगेटी angethi, 567, 1469. आगें इ agent, 1010, 1012, 114 e. अभेर anger, 1008, 1012. चाँगेरबन्ध् angerbandhu, 1010. खगरा angenra, 100 . **ांग री** angeri, 1010, 101?. **प्रमेका** agela, 563, 558.

चाचाम ajān, 969a.

चाँगैठा angaitha, 529, 1247. आँग हो angoithi, 1247. च्याोरिया agriya, 870. खाँगोक्स angochha, 733. अगोर निहार agornihar, 870. च्याोर बटाइ agorbatāī, 914, 1470. च्याोरा agora, 870. च्याोरी agori, 870. ख्यों agaun, 1203. **अंगों आं** angauñañ, 1203. अँगोक्स angauchha, 733. म्राह्मी dnganchhi, 73%. च्याीडी agauri, 1186. अमौरी agauri, 844, 1186. चाङ्क स ankus, 102. खड़ ang, 655. खड़ा anga, 729, 731, 972. अङ्गुल angul, 1489. खचन achkan, 729. ष्प्रचिताहर anchtākar, 303. च्य चेना anchua, 303. चाचमगो achmani, 774. अच्छा achra, 741. ख चरा anchra, 741. चा चरो anchri, 766, 1331. चाँचरी पालो añchri pālo, 1351. ख्यचार्ज achārj, 1847. खाँचवाहा anchwāha, 303. अड डा adda, 547. खाँचीना anchauna, 774. चानी anchauni, 774. खरकत achchhat, 1319, 1329. अनुक्रा समान achchha sagun, 1454. ख्डिषानी achhwāni, 1399, 1409. ख्यकि aehhi, 957. म किया anchhiya, 1248. ग्रहे तिरतिया achhai tirtiya, 1444. ख्यनव सासार ajab sālār 1456. खनमोदा ajmoda, 1073.

खान्यवादम ajwāin, 639, 1078.

च्य न्त्री anjuri, 912, 1194, 1401. अजिजीरा ajiaura, 1301. ख्यन aju, 984. म्रा**जरा** ajūra, 1185. ख्या anchi, 1034. अं आर aujur, 1194. चाटका atka, 1183. अटार् atār, 234. च्च हिया antiya, 862, 882, 884, 891, 982, 1194. च्रठनिया athaniya, 1214. खठन्नौ athanni, 1214. च्रद्रम ँगरा athmangra, 1305. चार्यस्या athmasua, 1396. ग्र**टमास** athmās, 1396. अठर्डनी athrahni, 1479. **ग्रहवारा** athwāra, 1205. खडवाँस athwans, 1398. अटवाँस athwānsu, 1396. चाँ व की anthuli, 1183. खडोतरी athotri, 781. चारोंगर athongar, 1323. खडौँगर athaungar, 1323. अइखड़ arkhar, 1250. अॅड्ड anrar, 1045. अँडरी anrri, 1045. खड़ा ara, 987, 1153. **चाहा**गेल ara gel, 987. खड़ान arān, 1453. खड़ानी arāni, 29, 216, 613, 952. खड़ार arār, 1147, 1153. अड्डॉंस arāns, अँड्डास anrās, 937. ग्राड्यातक ariyātak, 1056. खादा arha, 1500. **ULIK** arhāi, 473. चाद्राद्य खन्द्रा arhāi khamha, 473. **५०** दिया arhiya, 714. चार्चे या arheya, 1180. बादिया arhaiya, 713, 1180, 1500.

**अग्टा** antā, 48.

**चार**ी anti, 498.

**छाट**र anda, 1045.

**uu**l andi, 1045.

खतर atar, 1381.

स तरा antra, 1050.

खतरावन alrāwan, 363.

अतरावन भाज atrāwan bhānj, 863.

खतार atār, 1058.

चतीय atīth, 1429.

ख्यदा athra, 430, 465, 506, 584, 713.

चायरी athri, 251, 253, 319a, 576, 713.

खयवानी athwani, 579.

अथस्यन athsanchan, 1424.

ख्या adant, 1118.

खदमी admi, 1217, 1274.

अहर्**न** adrak, 1073.

खहरख adrakh, 1073.

खहरा adra, 866, 1009, 1082, 1085, 1089.

खदरा के कोड़नो adra ke korni, 1009.

चादरा कोरन adra koran, 866.

खद्खद्रं adlai, 1461.

पर्वा वर्षा adlai badlai, 1461.

चादवरी adwari, 1272.

च्यहार adār, 1098.

च्यदारी adāri, 1098.

खदिमी adimi, 1274.

खदौरौ adauri, 1272

चधन्मी adhanni, 1479.

अधद इ adhkar, 1214.

अधकड़ किस्त adkkar kist, 1214.

ख्यधकर adhkar, 372, 713, 1214.

ख्यवतार adhkār, 372.

अधार adhkhar, 1214.

च्यवपद्दे adhpaï, 1500.

अधपका adh pakku, 957.

अधपास adhpāü, 1500.

अधपीया adhpaua, 1500.

खघबटिया adhbatiya, 904.

ष्यवटेया adhbataiya, 904.

अधभरी adhbhari, 898.

खधर्रसो adhrassi, 1399.

चंद्री andhri, 1007.

चाँधरी पटावन andhri patāwan, 1007.

अधलपा adhlappa, 1190.

अधवा adhla, 422

अधलावा adhlāwa, 1190.

पाधवा adhwa, 1054.

ग्राधिशा adhsera, 1500.

चारी andhāri, 226, 1249.

खिषार adhikār, 1354.

अधिकार माला adhikār māla, 1354.

खिया adhiya, 904, 1214.

अधियारी andhiyāri, 97.

अधे लचा adhelcha, 1497.

ग्रीको andheri, 866.

याँधेरो कोरन andheri koran, 866.

चाधेला adhela, 1497.

अधिकी andheli, 97.

चंद्रेल adhail, 1118.

खन an, 990.

**अवजान** anjān, 1183.

चानत anat, 1443.

ख्रवन्त anant, 754, 767, 1443.

खानस् anand, 1085.

खनपट anpat, 97.

खनपराखन anprasan, 1407.

खनवाच anwāh, 845, 1097.

खनान anāj, 1272.

**ष्यनाठा** anātha, 1157.

चानाड anāthu, 397.

चनार anār, 585, 977.

चानार कलौ anār kali, 977.

**अनुस्रा** anua, 951.

चात्राधा anurādha, 1082.

खनेरवा anerwa, 1132.

अनेदिना aneriya, 1147.

खनेर aner, 1132.

खनेश anera, 1147.

चानीचा anaua, 951.

खन्तर कटवा antar katwa, 1175.

अन्ती anti, 753.

**अन्दरा**त andarāt, 1254.

खन्न ann, 1272.

खन्नी anni, 1499.

ans, 1203.

अन्हरिया anhariya, 1009.

चन्हाव anhāo, 915.

चपटन aptan, 1342.

अपठा apta, 801, 918.

च्यपती apti, 233.

खपने apne, 1275.

अधान appan, 1113, 1446.

अप्राज्द aphjūd, Appendix, 2a. अप्रताबा aphtāba, 698, 711.

च्यपताया aphtāya, 698.

खाब ab, 1088, 1091.

खबारा abkhora, 690, 713.

चावटन abtan, 661, 1342.

खबहा abda, 1076.

**खबरा** abra, 739.

ख्यवाब abwāb. 1470.

खबाद abād, 795, 799.

खाबाही abādi, 784, 795, 799.

ख्यविच्न abiji, 1078.

म्मबुम्माव abuāb, 1201.

खबो abon, 1098.

ख्या abbar, 800.

खब्बी abbi, 856, 859.

खभेर abher, 363 (14).

अमखोश amkhora, 690.

खमता amta, 1183, 1456.

स्रमता भवानी amta bhawāni, 1456.

अमरी amdi, 1274.

असना amna, 1456.

खमरोरा amrora, 1183.

स्मा amla, 1255.

अमली घोटन amlo ghotan, 1310.

अमाँठो amānthi, 1272.

अमाँठो के रोटी amanthi ke roti 1272.

अमारी amāri, 852.

**च्यमा**ल amāl, 345.

खामारच amālh, 345.

स्मावट amāwat, 1272.

चामावस amāwas, 1089.

**च्यमौन** amīn, 913.

च्यमेड़ी ameri, 191.

च्यमेढ़ी amerhi, 169.

च्यमोड amot, 1272..

स्रस्विका भवागौ ambika bhawāni,1456.

ख्रमित amrit, 1023.

चारई araī, 101.

ष्प्रक्षिया arkasiya, 395.

चारकोंच arkaunch, 1272.

खाख arakh, 1033.

च्यरगनौ argani, 464, 649.

खर्गेनौ argeni, 649.

**चार्घा** argha, 775.

चारच araj, 1470.

चरहरा aradra, 967, 1082, 1084,

1085, 1086.

खरहाना ardāna, 585.

चारहावा ardāwa, 1272.

चारधौ ardhi, 1279.

अर**मुखा** ardhua, 1279.

च्चरनी arni, 414.

खरपन arpan, 1209a.

ष्प्रस्पा arpa, 884.

खरनी arabbi, 1061.

चाररा arra, 396, 451, 792.

अर्वन arwan, 115, 376.

खादा arma, 963, 1383.

चासी arsi, 48, 646.

च्यरांच arānch, 639.

चाराची arāji, 1470.

अश्ड arāth, 940.

**अहार** arār, 792. खरारि arāri, 792. **अशिकान** arian, 791. खारा arua, 101, 1061. खर्द arui, 1061, 1272. खरेया araiya, 1074, 1183. खरीं आ araua, 33, 101. खह वाद्दन ardwāin, 639. च्यानी algani, 464, 613. च्यलगरको algarji, 393. कालगल algal, 1076. **च्यसमा** alga, 875. खासारी algi, 799. चवाज alung, 833, 919, 953. स्रसती alti, 1061. स्रमपनिया alpajiya, 1146. ख्यापो alphi, 475. व्यवन्ति alwānti, 1398. खाकावा alāwa, 1041. ख्यावारी alwāri, 562. खाव alāwe, 1041. खनाइ alāh, 868. खालुका alua, 1057, 1059. व्यलुई aluī, 1057. खारहुका alhua, 1059. खबद्दे awai, 856. ख्यार awgar, 405. खन गनन awan gawan, 1294. ख्रां amwara, 770. खवार awāë, 26. खवार्जा awārjs, 1470, 1471, 1472; Appendix, 6a and 12a. पवास awāl, 345. अ वाल añwāl, 345 ख्यालू awālu, 1264. खाँबासला añwāsal, 713. चाँचा añwānsa, 882. चाँची anwansi, 884.

खापटोतरो ashtotri, 781.

खस्त्रवाद askalāi, 611.

व्यवगरी asgans, 649. **चासगुन** asgun, 1454. **च्यस्टी** asthi, 1252. च्य**बनान** asnān, 1418. ग्रमनान कराएव asnān karāeb, 14:8. जसनी asni, 996, 1082. असप्राोल asa phgol, 1073. चामभाग asmān, 585. असमान तारा asmān tāra 585. च्यसमानी asmāni, 1043. **चासराएव** asrāëb, 25. **चसराफ** asrāph, 1217. **च्यसरे**खा *åsrekha*, 108**7**. असरेस asres, 1082. व्यवत asal, 1475, 1479. असल के असल asal ke asal, 1479. असर्वेखा aslekha, 1082, 1086. खबाद asārh, 1082. व्यवादी asārhi, 866, 1009, 1039. असादी कोइ asarhi kor, 1009. असादी कोइन asarhi koran, 866. अवादी कीर asarhi kor, 866. **जसामियार** asāmiyār, 1040. चामिवार asāmiwār, 1040. खासी asāmi, 901, 1215, 1219, 1461, 1477, 1481. खसार asār, 25, 1265. ख्यावरी asāwari, 1379. चास्चन asujan, 1354. **षासुजन** पच asujan patr, 1354. **धारेरा** asera, 1500 **चरि**रो aseri, 1198. **चास्तर** astar, 509, 739. चन्द्रा astūra, 383. अस्यम astham, 613, 1259. अ**खा** asthel, 1234. **प्रस्थान** asthān, 1455. खास्मधान asmasān, 1418, 1421. खस्मस्त पूजा asmasan pūja, 1421. खरिवनी aswini, 1082.

खहरा ahra, 833, 919. खहरी ahri, 365, 833, 919. खहराड ahwāh, 1172. खहिराती ahiyāti, 1277. खहिराती ahiwāti, 1277. खहार ahār, 233. खहार ahīr, 1150, 1160. सहीर के घा ahir ke ghyu, 1160. सहरा ahura, 1294. सहरा बहुरा ahura bahura, 1294. सहसा ahula, 882. सहोर ahor, 1294. सहोर बहोर ahor bahor, 1294.

#### भा जा व ॥

चार पार के pāi, 362a. चार्**च** āil, 833, 12**94.** चाइस गैस āi/ gail, 1294. खद्कि aili, 740. **षांडर** āür, 904. **षाए**न āën, 81. **चाएल** āel, 1254. चाच्योन āön, 160. **पाक** āk, 167, 170, 172, 174, 178, 179, 181, 183, 184, 185, 188, 190, 191, 200, 203, 204, 221, 222. **अकि**ड् ānkar, 794, 1266. चान्ति ankuth, 408. चानिस ankus, 102. **धाँख** ānkh, 172, 1009, 1010, 1057. **चाखरी** ākhri, 1007. **चा**खा ākha, 128. चांदा ānkha, 128. wite ankhi, 1009, 1057. खास āg, 172, 1075. चात्रहार्ग āgdāin, 839. खाँगन āngan, 1257, 1306, 1377, 1430. चारार āgar, 125". **छात्राल ā**gal, 1250. **WINT aga, 1008**. चामी āgi, 1416, 1419. चामी देव āgi deb, 1416.

चामि वैतान ägi baitāl, 1458.

चामि मोल वेब agi mol leb 1419. चाशिल agil, 1089. खाँगी āngi, 607. खाग *āgu*, 1234. खागे āge, 1089. च्याची āghi, 1475. चौधी ānghi, 607. च्याचमनौ āchmani, 77₺. खाँचर ānchar, 741. चांकी anchhi, 1248. र्यांजुर ānjur, 912. खाटा āta, 1272. चौटा ānta, 1272. चाँटी ānti, 862, 864, 884, 866. 886n, 894, 982. **प्रां** हिल ānthil, 1183. **च**िंडी ānth., 1272. चाँठौ के रोटी anthi ke roti, 1272. खाड़ा āra, 853, 1247. चार्क ārhak, 89. चार् *ārha*, 914. चातिर āntar, 838, 1050. खातश्वाच ātushbāj, 580. चातस्वाच ātasbāj, 580. **चां**ती ānli, 1173. पाती पढ़ जाएब ānti charh jāëb, 1173. चाँती बद्ध ānti barkab, 1173. चार ād. 1073.

चारमी adami, 1274 (footnote).

चाहि ādi, 1085. चाही ādi, 1073. चादीचक ādichak, 1063. चादो ādo, 1399. च्या**दो ग**ुड़ ādo gūr, 1399. **षाधा** ādho, 823, 1053, 1088. 1089, 1092, 1139. चाघा होतो ādha dholi, 1053. खाधा फारो ādha phāri, 1139. च्याची ādhi, 1087. चाघी रात ādh: rāt, 1087. च्याघे चाघ ādheādh, 1214. खान ān, 81, 1090, 1113, 1263. खागा āna, 81, 741, 1496. च्यापा āpa, 646. च्चापत āphat, 1080. **धावकार** ābkār, 371. **चावा** āba, 732. च्याबादी ābādi, 1183. च्याबि ābi, 922. च्याकी  $\bar{a}b\bar{\imath}$ , 370. चावी सोरा ābi sora, 370. चाभा ābha, 64, 1172. चाभौ ābhi, 27. आम ām, 814, 999 (footnote); Appendix, 14. पाम के बरो चा am ke bagaicha, 814. चामदनो āmdani, 1488. चामिल  $\bar{a}mil$ , 1272. चार ār, 101, 414, 482, 828, 829,

**चारसी** ārsi, 48, 605, 769. च्यारा āra, 154, 396, 828, 836, 1247. **चाराक्स** ārākas, 395. ग्रारामन ārāgaj, 154. च्चारि āri, 883, 834, 865. च्यारिक ārik, 834. चारि क्राउव āri chhātab, 165. चारी ārs, 396, 470, 471, 474, 583, 828, 833. चारी चास āri chās, 828. चारू āru, 1057. च्चारत al, 833, 1042, 1044. च्यालन ālan, 125). आज âlu, 1057. च्यासो ālo, २77. च्याव āw, 3. खाव āwa, 957. खांबट *añwat*, 1272, 1342. **ब्या**वल āwat, 1084. खावन āwan, 160. श्रावा āwa, 577, 1262. eutat āñwān, 1262. खावे āwe, 957. खास ās, 1088, 1091. श्रासनी āsni, 773. खासरिक āsrik, 1457. म्रासा āsa, 1192. खासा चास āsa chās, 1192. चासिन āsin, 1082, 1087. चासि ānsi, 884. आह āh, 414. खाइर āhar, 939, 953. आ**हुत** āhul, 882.

### 11 Ei 11

दबड़ी ikri, 1266. दंबड़ी inkri, 794, 1266. दबरी ikri, 815, 1050.

832, 833, 1147.

**चारती** ārti, 780, 1332.

चारत ārat, 1332.

आर्ग âran, 414.

इक्कर ikkar, 815. इँगरीटी ingrauti, 662. इंगुरी inguri, 1272. इँग्रह ingūr, 1272. द्रजार *ijīr*, 727, 743. इनार बन्द ijār band, 743. इनारा ijāra, 1210. द्वी inchi, 1034. इतिबार itihar, 1451. इ दश indra, 920. TTET indara, 920. इनताफा intā pha, 1475. इनितफा intipha, 1475. दनाम inām, 1194, 1205, 1209d.1217. इनानात ināmāt, 1209d. इनार inar, इनारा inara, 920. इन्सी insi, 1034. इमरिती imrite, 1272.

दमनी imli, 1310, 1314. इमली चौंटाइ imli ghoñtāi, 1310, 1314. इमाम imām, 706. इमाम जिस्ता imām jista, 706. दमामबाद्धा imāmbāra, 1379. द्राम्हतो imirti, 1073, 1272. द्राहा irāda, 1465. इलाइची ilaichi, 1272. इलाइची दाना ilāiahi dāna, 1272. इलाम ilām, 1217. द्वाही ilāhi, 1491. द्र**लाको गान** ilāh**i** gaj, 1491. इसतिरौ istire 359. दत्तमरारी istamrāri, 1215. द्रस्तिरी istiri, 1275. इके ihai, 1088.

# 11 \$ i 11

t i, 128 (footnote), 240, 394, 741, | tet ita, 1263. 1088, 1113, 1183. द्वेबर inkar, 1051. हे गृह inqur, 747. द्रैंट īnt, 1263.

इमलपत्ती imal patti, 748.

\$ 21 inta, 367, 1263, 1264. देसान isān, 1087.

#### 11 3 u 11

ভক্তৰ uktan, 1342. उक्टा uktha, 1004, 1074. उन्हार ukrha, 1074. खकरी ukri, 564. उक्सा uksa, 1074. **उकाम** ukām, 892. **उकां**व *ukāñw*, 892. उक्रम ukum, 592. उखटा ukhtha, 1074. उखड् ukhar, 1486. **उखड़ दाज u**khar, hāl, 827. उख**रा** ukhra, 1075.

उखिंद ukhri, 1486. उखर्धना ukhbandhna, 120. उखर जाएव ukhar jäëb, 1174. उखरा ukhra, 1074. **उखरी** ukhri, 24, 612. उखनो ukuli, 431. **उखारी** ukhāri, 805, 1006. उखाव ukhāo, 805. **उर्खांव** ukhāñw, 805, 1006. उखेवा ukhewa, 919. उखें नो ukhaino, 76. उखौता ukhauta, 431.

उद्दी urhari, 1280.

खा ug, 1087. **उगटम** uotan, 1342. उगनदान ugaldan, 707. जमे ugai, 1091. **उधेन** ughen, 115. उपका uch ka, 1259. खचन uchkun, 464. चचनी uchli, 792. उचवड uchwar, 1256. उचास uchās. 790. उक्टमी uchhtani, 867. द्या uchhārs, 1436. चनह ujar, 796. उजहा ujra, 796. GSTAT ujarka, 1059. **उजर**न ujral, 796. खनरा ujra, 1147. खनागर ujāgar, 965b. खार ujār, 796. उस्मा ujjha, 1147. चनावन ujhlan, 866, 867. उनिता ujhila, 1272. उटका utkan, 705, 1342. ₹**₹₹₹ u**tra, 193, 959. **उद्रा** uttha, 842. gs uth, 1113. उठती uthti, 799; 1229. उठती परती uthti parti, 1229. उठाएव #thāëb, 1030, 1333. खडान uthān, 1087, 1090, 1439. खडानी uthāno, 1094. चडार्वेक uthābaik, 1234. चरीनिचार uthaunihār, 1080. खडीनिद्यादिन uthauniharin, 1030. **डहार** urāi, 1320. उड़ाकोब urāöl, 713. ভद्राञ्च urāheb, 713. GC urharh, 374. **डाट्टा** urhrha, 233. उद्दी urharhi, 1280.

उद्वापन urhāeb, 713. जतर utar, 1485. जतरत utrat, 1085. उतरना utarna, 764. उतरा utra, 1082, 1088. उत्रा खाद utra khārh, 1082. उत्रा प्रामी utra phaguns, 1082. **उतरी** #tri, 1418. उतसर्ग utsarg, 1459. उतार्व utārab, 1420. उतारा utāra, 1457. उतारा पतारा utara palara, 1457. उत्तर uttar, 1082. उत्तर भद्रपद uttar bhadrapad, 1082. उर्डा udangar, 1147. उद्देश udant, 1118. उरराक् udrāchh, 755, 781. उद्ह udah, 919. उदह की पानी के जाएब udah ke pāni le jāëb, 919. उद्दे udai, 1087. उधान udhān, 301. उद्यार udhār, 1476. चन un. 655. उनटा चिरचिरी unta chirchiri, 1183. उनाइ unāh, 826. उपजय upjay, 1087. उपने upaje, 829, 1087. उपटा upta, 918. **उपटार** #ptār, 1088. **उपर** upar, 11. **उपरकार** uparkar, 363. उपरक्ट्री uparchhatti, 1245. उपर पाटो upar pāto, 11. खपरवार uporwar, 790. उपरार uprār, 790. खपरीटा uprauta, 620, 1250. खपरींटा upraunta, 1251. उपरोड़ uparaur, 1113.

खपारनित upārjit, 1215. उपैजिया uphangiya, 844. चबरम ubtan, 1308, 1314, 1340. **1342**, 1368. खब्द ubhan, 115. उब्हर्नि ubahani, 116, 930. जबहुनी ubhani, 115. खबहैन ubhain, 115. खबेर uber, 1147. खबरा ubera, 1147. उभर ubhar. 792. खभर खाभर ubhar khābhar, 792. उम्मी ummi, 877, 990. उर्ज्ञसी urkussi, 1075. खरता urta, 585c. खरता पेटार् urta petārha, 585c. खर्न uran, 585c. ভरन पेटादा uran petārha, 585c. उरपी urphi, 1361, 1363. डरमा wrma, 748.

चरिंह urid, 996. **उरही urdi, 9**96. **उत्तरन** ultal, 1486. **उत्तरा** ult₁, 749. चलटा मुग्हा ulta mundha, 749. **उत्तरी** ulti, 475. खलटी चौन ulti chin, 475. **उत्त**री uldi, 714. उलक्या ularua, 195. उत्तवा ulwa, 1272. उनवा दान ulwa dāl, 1272. उलाँक ulānk, 230. **उत्तावल** ulāwal, 1272. खलावल हाल ulāwal dal, 1272. **उपना** usna, 963. उसरा usra, 1242. उचिना usina, 963. ਚਬਰ usath, 800. **उसार** ussar, 816.

### (1 क û ||

জ û, 568, 1088.
জন্ত ūkh, 1005, 1006, 1008.
জন্ত (or केतारो) के दोत ūkh (or ketāri) ke khet, 1006.
জন্ত ūkhar, 792.
জন্ত আৰভ্ ūkhar khābar, 792.
জন্তি ūkhi, 1005.
জনাই ūgahiñ, 1087.
জনী ūge, 1091.
জন্ত ūnch, 792, 829.
জন্ত আনে, 1131.

जन् गैनह, 1088. जना ग्रेंग्स, 1088. जना जे जोत ग्रेंग्स ग्रेंग्स ग्रेंग्स, 828. जना जो जोत ग्रेंग्स ग्रेंग्स, 828. जना पानी ग्रेंग्स phāni, 828. जनी ग्रेंग्स, 877, 990. जनर ग्रेंग्स, 877, 990. जनर खानर ग्रेंग्स khābar, 792. जनी ग्रेंग्स, 877, 990, 1272. जन्म ग्रेंग्स, 877, 990, 1272. जन्म ग्रेंग्स, 1271. जन्म ग्रेंग्स, 816.

#### II Q e II

**u** ek, 625, 817, 904, 1070, 1085, 1118, 1234.

एकमोटिया *ekgotiya*, 639. एकचारा ekshāra, 1245.

यकचारी ekchari, 1245. यकचा*ब ek chās*, 823. यकक्परा ekchhapra, 1245. एकजोरिया ekjiriya, 639. यक्ता ektha, 35, 232, 527, 588, 705. चन तील ek taul, 1118. एकपहुर ekpatta, 730. यक्पिया ekpaliya, 1245. यकपिका ekphasila, 803. ्**यकपासिकी** ekphasili, 803. एकविधया økbadhiya, 639. एक बाँच ek bāñh, 817. **एका** इस ekranga, 1879, 1881. **एकरी** ekri, 1272. ए करी enkri, 1272. एकजाइ eklái, 730. एकलौता eklauta, 1397. **एकवार** ekwāï, 524, 531, 549. एक्सिक्या eksaliya, 803. एक साल के तौज ek sal he taul, 1118. एकविका eksingha, 1108. एकहत्यू ekhatthu, 510. एक इत्यू भाषी ekhatthu bhāthi, 510. | एडि ehi, 1002 (footnote), 1113.

एकस्यो ekhanthi, 414. एक चरा ek hara, 31. स्वार ekahra, 1250. एक इसा ekahula, 1397. **एका**चे ekābe, 524. **एकेंसिया** ekaisiya, 884. एवंसी ekaisi, 884, 885. एको eko, 1090. एकौनियाँ ekauniyan, 1397. एकौंज ekaunj, 1398. एकी पहा ekaulha, 1247. एका ekka, 148, 228. **va** ekke, 964. **यखराजा**त *ekhrājāt*, 1207. एगर्दार egdāin, 889. ए गना engna, 1237. एघाय eghāy, 952. एवां eghinw, 951, 952. एचावा eghāwa, 952. एतेक etek, 1451. यहकी edli, 967a. एइ eh, 1088. यश्चवाती ehwāti, 1277.

#### 11 Q e ||

यक ek, 1084.

**uet** era, 29, 89, 185, 195.

## 11 Q ai ||

ए उड़ा ainthua, 756, 769.

U ETT airha, 726.

### || Q ai ||

ए टा ainta, 1263. सँ उन ainthan, 115 (footnote). चें उस ainthal, 123. चें देव रसी ainthal rassi, 123.

चेडा aitha, 1267. चें डा aintha, 1267. ऐन ain, 1221. चेता aila, 1248.

ऐकी aili, 1275. ऐसन aisan, 1088. **Ù 🕶** aihab, 1277.

## ॥ श्री 0 ॥

चौंकडा onkra, 412. चौखरा okhra, 616. चोखरी okhri, 431, 464, 612, 616. च्या**बता** okhla, 431. च्योबची okhli, 464, 616. च्योगरा ogra, 1272. स्रोक्शास्त्रीन ochhaon, 637. ष्ट्रोना ochhauna, 637. च्योभाद ojhāi, 1453. च्योटनी otni, 1017. चोटाइ otāi, 1017. चोडग**न** othgan, 1259. न्त्रीटमनौ othgani, 1259. चोड़िया oriya, 43, 288. चोड्रे**सा** oraisa, 44, 93. च्योदना orhna, 133. चादिनी orhni, 745. चोर्नेस orhāul, 1457. च्योदवादन odwāin, 639. स्रोहादन odāin, 639. जोदान odān, 639.

<del>ष्ट्रोनचन</del> onchan, 639, च्योपनी opni, 536. च्योबटन obtan, 1842, च्योरचन orenan, 244, 639. खोरहवानी ordawāni, 639. खोरदावन ordāwan, 244. जोरहा orha, 877, 957, 984, 990. 1272. चौरियानी oriyāni, 1252. च्योजती olti, 1252. जीववारी olwāri, 562. च्चीसरा osra, 1242. खोसरो osro, 1242. **जोसाएव** ०४āёb, 897. चौचारा osāra, 1242. चोसारी osāri, 1242. चोंचौनो osauni, 319n, 897. चोहाएब ohāëh, 1115. खोद्दार ohār, 216, 554. जोहारी ohāri, 490, 1252. च्योस्ता osta, 383.

# ॥ भी ०॥

च्ची o, 964, 1088, 1092, 1383. चोकर okar, 1486. चोकर टाट उजटन है okar tāt ultal hai, 1486. चोका oka, 646. चोखर okhar, 489, 612, 616. चोका ojha, 639, 1453. चोटन otab, 1017. चोटा ota, 78, 722, 1243. चोड़ा ora, 43, 44. चोड़ा ori, 43, 288, 308. चोत्तव otab, 1246. चोघ odh, 814. चोर or, 964, 1088. चोरी ori, 1183, 1252. चोरी टोनी ori tīni, 1183. चोषर osar, 1118.

# 11 भी au 11

चौंचती aunili, 1436. चौंटाइ auntāï, 1017.

चौरदा aulha, 882.

# || **चौ** au ||

ची su, 1217. चौचा बीचा aua baua, 1088. चौकर aunkar, 1183. चौकर aungār, 26. चौक्व aunchhah, 1402. चौठी aunthi, 756, 769. चौदार andār, 1098. चौदा aundha, 1262. चौरङ्ग aurang, 1074. चौरा aura, 1294. चौरा बौरा aura baura, 1294.

### 11 TA & 11

कं kañ, 1451. वाकाडी kakri. 1070. वंबड़ो kankri, 1266. क्क क्रा kakna, 768, 1075. कें कारा kankna, 768. कँवनी kankni, 768. कॅबराष्ट्री kankrāhi, 794. कंकरो kankri, 1087. बद्धरेना kakreja, 742. नंतरोटिया kankrotiya, 794. चक्ता kakwa, 747. क्**बह**ि kakha, 747. विवाही kakhi, 747. चकीर kakīr, 1049. जनेर kaker, 1049. काइ। kangra, 1033. कामा kangna, 768, 1378. काँगना बाँधन kangna bāndhab, 1378. कॅग निया kangniya, 792. कंगनी kangni, 571. चगम ची kagmuhin, 516. जंगकी kangahi, 747. anti kachra, 768. mas kankar, 794, 1266. kankan, 1323.

**कङ्गम** kangan, 1323. कचकोड kachkoh, 1264. कचर्य kachras, 1014, 1272. कचरा kachra, 768, 1004. **कचरी** kachri, 877, 1004, 1042, 1265. कचरखी kachrukhi, 558. कचवनिया kachwaniya, 1272. कचिया kachiya, 73b. कचुआ kachua, 1052. वचोरा kachora, 677. कचोद्वा kachoha, 1074. कचौड़ी kachauri, 1272. क्चीरी kachauri, 1002 (footnote). कचीस kachaus, 786. काचक kachchak, 399. कचा kachcha, 877, 920b, 1235, 1263, 1492, 1495, 1497. कचा कीच kachcha kos, 1492. कचा पका kachcha pakka, 1285. कचा विग्रमा kachcha bigha, 1495. क्की kachchi, 1499. कची रत्ती kachchi ratti, 1499. का kachchu, 1061. बच्छा kachchha, 1418, 726.

TELY kachhar, 792.

कहाड़ा hachhāra, 792.

कहुर्या kachhuiya, 786.

कार kajaī, 96.

कणरघरी kajargharo, 970.

कनरा kajra, 1074.

कष्री kajri, 969b, 977, 1074, 1188.

कणरौटा kajrauta, 747.

कचरौटी kajrauti, 741.

काजा kajla, 1074, 1183.

**क** ज क kajjak, 399.

कचन kanchan, 977.

कचन पुर kanchan chūr, 977.

वचन पूरी kanchan pūri, 679.

कचा kancha, 1235.

कचा पका kancha pakka, 1235.

कचो kancho, 1014.

कची रस kancho ros, 1014.

बद्घार kanjar, 594.

कटिकरा katkira, 533.

**कटना** katna, 569.

कटनियाँ katniyān, 874.

कटनिश्चार katnihār, 874, 886 (foot-note).

कटनी katni, 574, 873, 874, 1024.

बटरनी katarni, 482.

कटवा katwa, 1175.

कटसर katsar, 765.

कटहर kathar, 1405.

कटहरा katahra, 228.

कटारी katāri, 131.

कॅटिया kantiya, 136, 140, 432, 442, 713, 1422.

वास्था katiya, 136, 713, 873.

कडुचा katua, 894, 990, 994, 995, 997.

बट्ट katuë, 875, 1074, 1163.

कट्ड इडी katuï dahi, 1163.

nem katuo, 994, 995.

कंट जो kantelo, 95.

बाट सर katesar, 765.

कटें या kataiya, 1074.

कटोइया katoïya, 1074.

कटोइ katoï, 1074.

कडोरा katora, 449, 677, 678, 711.

कटोरी katori, 383, 535, 553, 778.

कहा katta, 1144, 1456.

वाङ्घा kattha, 1495.

कड kath, 414.

कडम्रथरी kathathri, 572.

क**उर्दे** kathaï, 136, 137.

क**ठका** kathka, 390.

कटिकरा kathkira, 533.

कडिकाही kathkilli, 179.

कठकुयाँ kathkūān, 924.

कटखरपी kathkhurpi, 305, 306.

कठनही kathnahi, 929.

कठबन्धन kathbandhan, 1130.

कटबेटा kathbeta, 1279.

कड भाँघी kath bhanthi, 414.

काउदा kathra, 93, 226, 430, 442, 462, 543, 584, 714, 1131.

कडरॅंगनी kathrengni, 1075.

कडबा kathla, 226.

कठली kathli, 136, 714.

कडवत kathwat, 39, 319n, 462.

कठही kathahi, 305.

कठा katha, 1194.

कटाघर kathādhar, 913.

कठार kathār, 1058.

काउरी kathāri, 782.

करुलो kathuli, 39, 714.

कठोली katholi, 714.

कडोचा kathaua, 64.

कडीत kathaut, 319n, 584, 714.

कडीता kathauta, 319n.

कडीतौ kathauti, 319n, 430, 442,

462, 543, 584, 714.

कडीर kathaur, 328.

क्षा karra, 852. ॰ केंद्रा kanrra, 852.

कंडरा konrra, 848. कड karru, 1120. कडवा karwa, 233. कँडवा kanrwa, 233. कंडवानी kanrwāni, 815. कडहडी karhari, 169, 179. कड्डा karha, 140. बङ्हार karhāi, 455, 506, 584. कड्डी karhi, 140. कड़ा kara, 226, 455, 673, 757, 759, 771,, 936, 1406. कड़ाइ karāh, 285, 308, 671. कड़ाही karāhi, 138, 455, 465, 506, 563, **673,** 936. कड़िया kariya, 455. बॅडिया kanriya, 431. बड़ी kari, 85, 169, 223, 233, 936. 1258. **बड्डा** karua, 1023. **बड़ खो karuo**, 1023. कादनी karhni, 319k. कादाइ karhāi, 430. काट्या karhua, 1272, 1290. कार Karhui, 1290. act karhaur, 1475. TUET kanta, 37, 328, 935. auzītī kantāha, 1425. and kanth, 29. que kantha, 226, 749, 755, 1173. वायडार kanthār, 1173. कच्छा रोग kantha rog, 1173. बढा साब kantha sāru. 1173. क्**य**ही kanti, 29, 1429. कारहा kanda, 848, 852. वतर्रे गण kata i gaj, 1491. कतय katay, 1087. कतरनी katarni, 588. कतरपारा katarpāra, 292.

ক্রবেশ্বা kalarbaha, 291. बतर्वाच katarwāh, 294.

कतरवादा kartawāha, 294. कतरा katra, 362a, 403, 497, 1183. कतरा के जड़ katra ke jar, 262a. कतिविच katriwah, 294. कतरि katari, 403. कतारी katri, 255, 258, 272, 278, 558, 768, 1074. कॅसरो kantri, 138. कतरोद्धौ katroli, 403. कतला katla, 497. कतवा katwa, 768. कतिका katika, 967b, 996. कतिकी katiki, 1039. कत के kalek, 1085. कता katta, 74. कत्तो katti, 713, 1491. कत्ती गर्ज katti gaj, 1491. क्य kath, 1073. कथा kathu, 1286. क्या कर्ब katha karab, 1286. वार दें kadaī, 788, 789. बाइम kadam, 585, 1492, 1495. कहमक kadamak, 726, (note). कदम गाक kadam gāchh, 585. नंदरो kandri, 920. कदवा kadwa, 824, 981, 1399. बहोमा kadima, 1071. कहीमो kadīmi, 1215. कद्रचा kadua, 1068. बॅंद्री kandūri, 1369, 1377. कहर kalaith, 579. कहोद kadoı, 787, 788, 789. **नह**्र kaddu, 1068. नौधावर kundhāwar, 1848. कंधेल। kandhela, 363. कार kan, 913, 1052, 1062. कानद्रे kanai, 1024. चनक kanak, 972, 978. वनक चृद् kanak chūr, 978. **बनव** जीर kanak jir, 972.

सनकचीरा kanakjira, 974. सनकडिया kankathiya, 1416. कनकपुरिया kanakpuriya, 1057. कनकिसी kankilli, 15. सनकृती बटाइ kankutti batāi, 913. कनकृत kankūt, 913.

कनखी hankhi, 1011.

कनगोजर kangoiar, 1010.

कनमाणा kanjkappa, 725.

कनमधी kanjhappi, 725.

कनभाषा kanjhappo, 725.

कनटोप kantop, 725.

क्रमतीर kantor, 656.

कनपूल kanphūl, 764.

क नव kanab, 913.

कानवहर kanbada, 967c.

कनबाका kanbāla, 753.

कनवर्द्र kanwai, 1497.

क्रनवह kanwah, 954.

क नवा kanwa, 954, 1173, 1183.

कानवाँ kanwān, 1054, 1075, 1491,

1497, 1498.

कनसन kansan, 1075.

कार kansār, 434.

क्रवारी kansāri, 134.

कनसी kansi, 1001, 1010.

कनाइल kanāil, 1011.

क्रगाउ kunāth, 864.

कारा kanātha, 1074.

कनासौ kanāsi, 403.

कगर kanār, 102.

ाह kanāh, 1011.

क्रमाद्वा kanāha, 1011.

कनिऐती kaniaiti, 1348.

कानिक kanik, 1272.

क्रनिया एक kaniyāel, 957, 1018.

किनियारक आप है kaniyāil āwa hai, 957.

क्रनिस kanil, 797.

किनसार kanisār, 434.

कनेच्याँ kaneān, /41, 1282, 1328.

कर्ने खाइ kaneāi, 1322, 1327.

कने चा दान kaneān dān, 1228, 1329, 1330, 1346.

करेटा kaneta, 1251.

कन टी kaneti, 929.

कनेल kanail, 15,194,275,938 1024.

काने की kanaili, 275, 363, 764.

कन्जर kanojar, 1010, 1024.

कनौसी kanausi, 20, 753, 764.

कन्त kant, 568, 1113.

कारा kanta, 1087.

कन्द्र kandaī, 1023.

कन्दा kanda, 1061.

बन्दी kandi, 378.

क्ता kandha, 274.

कान्ना kanna, 404, 455, 933, 940, 1075, 1183.

कन्नी kannı, 933, 957.

कन्याद्दन kanyāin, 1282.

कन्सी kansı, 451.

कन्हाबर kanhāwar, 1848.

किन्छ्या kanhiya, 274.

कन्ही kanhi, 1074.

कन्छ ेली kanheli, 125, 126, 275.

कपछ्रौ kapchheri, 485.

कपटा kapta, 107+.

कपटी kapti, 713.

कपड़ा kapra, 393, 723, 1402.

कपड़ा जत्ता kapra lutta, 723.

कपरधूर kapardhūr, 607.

कपरनी haparni, 363.

कपर्वित्री kaparbinni, 363.

कपरबोनी kaparbini, 363.

TITE havened 500

कपरौट kapraut, 530.

क परौट kampraut, 530.

कपाइ kapāi, 134, 647, 1145.

कपार kapār, 833.

कपारी फोरल kāpāri phoral, 1018.

58

कमरजेव kamarjeb, 770.

क्यांच kapās 1016, 1017, 1018, 1019, 1089. कपास फूटब kapās phūtab, 1018. कपरी kapāri, 1049. काप्ता kappa, 726. कपपा kappha, 1032. चपगीर kaphgīr, 450. कपचा kaphcha, 450. कपनाएव kaphnāëb, 1418. कपनी kaphni, 1418, 1431. क्या kapha, 1032, 1033. **44** kab, 1275. **44** kabaj' 1467. कवजाना kabjāna, 1198. क्वर kabr, 1431. कबर खोदाइ kabr khodai, 1431. कवरिया kabariya, 864. कवरिस्तान kabristān, 1431. क्वरिका kabariha, 864. क्वता kabla, 416, 417. चनकी kabli, 1000. क्वा kaba, 729. क्वाव kabāb, 447. खबाब दानी kabāb dāni, 447. क्वि kabi, 655. कविरहा kabirha, 1429. कविता kabilā, 1275, 1276. चिकी kabili, 1000. वा की kabuli, 963, 1272. 可用 kam, 240. **बमची** kamchi, 592. कमठा kamtha, 601. बमटी kamthi, 576. क्रमाद्द्र kamdharna, 557. कम दारा kam dhāra, 532. चमक्त kamandal, 782.

कसनगर kamangar, BO1.

च्यार kamar, 655, 1020. बसरक्ष kamarkas, 770.

यमरकोचार kamarkholāi, 1205.

कमरतोर kamartoi, 743. कमरथुञा kamrathua, 1460. कमर्पन्थ, kamarpanthu, 1460. वसरवास kamarballa, 1257. कमर्डायर kamarsāyar, 407, 394. कमरसारी kamarsāri, 407. कमरा kamra, 737. कर्माखा kamariya, 737, 1184. कमरी kamri, 344, 737. कमक पतर kamalpatr, 1073. कमला परसाद kamla parsād, 975. कमसरे kamsare, 1217. कमइँड् kamhañr, 363. कमच्छा damhanda, 363. कमहर kamhar, 363, 489. कमाद kamāi, 842, 1194, 1196, 1197, 1412. कमान kamān, 601. कमानक kamānak, 398. कमाना kamāna, 538, 1141. कमानी kamāni, 398, 415, 416, 470, 538. कासार kamār, 394, 407. कमारी kamāri, 143. कसिखई kamiaī, 1186. कमियदे kamiyaī, 842. कमियाँ kamiyan, 842, 844, 1184. कमियौटी kamiyauti, 1186. कमी kami, 1217. कमीना kamina, 1141, 1217. क्मआ kamua, 1074. कमताइ kamaitāh, 394. कमेनी kamaini, 866, 867, 1194. कमोच kamoch, 972. क्सोदी kamodi, 978. कमोरा kamora, 277. क्सीनी kamauni, 866, 867. क्रम्बोर्रक mpani, 1202 ; Appendix, 14. कस्पा kampa, 381.

कार्याच kampās, 419, 519.

वासार kammar, 731.

कम्मक kammal, 737.

कस्पा kamma, 1074.

कम्हें या kamhaiya, 915.

कर kar, 363, 1025.

कर्ड karai, 713.

करकट karkat, 1117.

कारकन्धा korkandha, 1138.

बारका karka, 786.

करकुट karkut, 329.

करके karke, 1087.

**5781** karkha, 69.

बरखाना karkhāna, 312.

करखाचि karkhāhi, 69.

करखांचि इंड्या karkhāhi hanriya, 69.

Tiel karkhi, 69.

करको karkho, 69.

करगह kargah, 363.

कर मा harnga, 966a.

कर गी karngi, 966b.

काची karchi, 353, 1119, 1308.

कारक्ष karchhul, 319k, 56 4, 684.

कर्ड karj, 1461, 1476.

करन खोर karjknor, 1461.

करच खीक karj khauh, 1461.

करजनी karjani, 1499.

बर्जवाम karjwām, 1476.

करजा karja, 1187, 1188, 1190, 1476.

कर्जन karjain, 1191.

करतली kartali, 225.

करता karta, 730, 1394, 1418, 1419,

1420, 1422, 1423, 1426.

बरता पुतर karta putr, 1394.

करती म्री karti mūri, 1119.

बर्धरी karthari, 576.

बर्धि karathi, 1272.

सर्धन kardhan, 758.

करघनी kardhani, 758, 770,

करनपूष karanpkūl, 764.

करना karna, 138, 713.

करनी harni, 422.

करना karant, 1091.

करन karab 353, 362a, 855, 981, 1143, 1246, 1286, 1339, 1343,

1402, 1408, 1416, 1419, 1451, 1452, 1484.

करवा karba, 356.

करवार karbar, 363.

करम harm, 1428, 1446.

करमकता karamkalla, 1073.

करमा karma, 972.

करमा धरमा karma dharma, 1446.

करमाला karmāla, 781.

करमिया karmiya, 1059.

बारमी karmi, 1183.

करमी कत karmı lat, 1183.

कर्बचा kararua, 1049.

करल karal, 873.

करवा karwa, 432, 713,

करसी karsi, 848, 852.

करह karah, 1090, 1451.

कारहत्रो karhanni, 966c, 966d, 967d, 969c.

करहा karha, 832, 836, 954.

करहाइ karhāi, 554.

करिंच्या karhiya, 713.

करा kara, 673.

**TETE** karāi, 996, 1084.

कराएव karāeb, 1408, 1418, 1430.

कराँत karānt, 1496.

कराबा karāba, 372.

कराम karām, 889.

करार karār, 786, 1183.

करारा karāra, 792.

करा जाएव kara läëb, 25.

कराच karāh, 285, 308, 312, 310.

बराष्ट्र ने धर karāh ke ghar, 312.

कराइ घर karāh ghar, 824. कराइ। karāha, 285, 319. कराइ। karāhi, 308, 319, 678, 711, 713.

करिकन्या karikandha, 1138.

करिखा karikha, 69.

करिखाद karikhāi, 69.

बरिखाद हाँड़ी karikhāi hānri, 69.

बर्धि गवा द karingwāh, 950.

करिगद karigah, 356, 363.

वरि हेब kari deb, 1339.

करिनवाइ karinwāh, 950.

करियवा kariyawa, 1113, 1137.

करिया kariya, 996, 1137.

करिष्ठ kariha, 1113.

करींग karing, 950.

करोन karīn, 950.

च्चा karua, 1045, 1137.

कर्या तेज karua tel, 1045.

् वाचार karuār, 13, 237.

चर आरा karuāra, 13.

बद्धारी karuāri, 13, 237.

कर karui, 44.

कर्क karuchh, 458.

कार्या haruna, 139.

ac karu, 1045.

कर ते व kars tel, 1045.

\*\* kare, 1084, 1088.

करेम karem, 1183.

karai, 1088.

करें स karail, 786, 808, 1067.

करें बा karaila, 1067.

करें को karaili, 569, 1067.

करेंची कटना karaili katna, 569.

₹ kal, 265, 330, 1023.

चनतिया kalkaliya, 1021.

कत्रका kalchha, 634.

जाको kalchhi, 684, 774.

चार च kalchhul, 438, 458, 684. चार चा kalchhula, 438, 564. कल जा kal jug, 1023.

क्ष ज्या के व्यक्त kal jug ke amrit.

कलटरी kalatri, 1207.

क्षनद्रा kalandara, 1256.

कलप kalap, 389.

कलप kalapf, 389.

कालबह kalbud 565, 582.

क्षब्त kalbūt, 484.

क्राव्ह kalbūd, 484.

क्लम kulam, 422, 521, 541, 1038, 1039, 1052.

क्तमी kalmi, 370, 422, 1039, 1073.

कलमो साम kalmi sāg, 1073.

कलमो सोरा kalmi sora, 370.

कलरा kalra, 1395.

काजवार kalwār, 371.

क्लचा kulsa, 713, 1307, 1308, 1329, 1374.

कलसी kalsi, 693, 713.

कला kala, 585f.

कलाइ kaiāi, 996.

कलाएल kalāël, 957. कलाब्त kalābūt, 582.

क्रांच kalāl, 371.

कवाको kalāli, 371.

कलावा kalāwa, 1381.

विदार kalidar, 727.

कलियान kaliyān, 1138.

कली kali, 765, 977, 1037, 1267.

क्ल आ kalua, 1450.

काल्या बीर kalua bir, 1456.

कारक kaluchh, 438.

क्लस kaiss, 438.

कार्त क kaleu, 1269.

वार्ज बा kalewa, 1269.

कर्षे गर kalaigar, 510.

कारोर kalor, 1118.

कर्ती kalau, 1269, 1341. कर्तीचा kalaua, 1269. व्यवस्था kahwandal, 715.

जवर kawar, 1271.

जवाक् kawāchh, 1073.

क बार्य kamwārthu, 1460.

क्षक्ट kaskut, 666, 689.

कसकीस kaskaul, 715.

कसतरा kastara, 713.

बसतरी kastari, 678, 713.

कासन kasan, 507, 249.

कासनि kasani, 744.

कसमिरा kasmira, 1047.

**चर** kasar, 900.

कासला kasla, 525.

क बना kansla, 525.

कस्या kaswa, 1458.

चसार kasāi, 1141.

कसार kasār, 713, 1272, 1342.

च्छारा kasāra, 1342.

क्रावट kasāwat, 249.

कसासरी kansāsuri, 1101.

न सुला kansula, 525.

कडरा kasera, 469, 556, 548.

कसंया kasaiya, 1142.

क्रमें से kasaili, 1056.

बसों की kasaunji, 372.

क्योटी kasauti, 537, 1113, 1134.

क सौडो hansauthi, 768.

₩ kah, 655, 1087.

कत्तरो kahtari, 139.

कहतारी kahtāri, 1084.

क्रमवार्थि kahalgānw, 1486.

कहरी kahwañ, 1275.

aufe kahahin, 1085.

ant kahān, 478.

कहावे kahāwai, 763.

afa kahi, 1084.

का दे kahuī, 1256.

are kahe, 1088.

₩ kaheñ, 1091, 1092.

**Tr** kuhai, 1084.

का ka, 414, 1088, 1092, 1367.

काउन, kāün 988.

काई kāin, 146.

काएथ kāeth, 1217.

काक kāk, 1398.

काक बन्भा kāk banjha, 1398,

काँकर kānhar, 335e.

काँकरि kānkari, 1070.

काञ्चट kākut, 86.

कॉक्कट kankut, 86.

कांखी kankhi, 1024.

काग kāg, 1398.

कागज kāgaj, 404.

कागजी kāgji, 586.

काम दुरुस kāg durus, 1398.

कागा kāga, 1088.

कागी kāgi, 1043.

कॉच kānch, 1017, I263.

काँच रूचा kānch rūa, 1017.

कौचा kancha, 1235.

काँची kānchi, 313, 1272.

काँची चौनी kānchi chinī, 313.

काक kāchh, 233, 790, 1113, 1134.

काळ्क पाटी kāchhak pāti, 233.

काछ्ब kāchhab, 1030.

काक्ष kāchha, 726, 743.

काज kāj, 748.

कालर kājar, 747, 1404.

कार kât, 1452.

कारन kātab, 873, 1024.

काठवोँ kātbon, 356.

कौंडा kāntā, 104, 640, 748, 935.

काँटा पोड़ो विख्या kānta phori bakhiya, 748.

कॉटी kānti, 179.

बार्ट kātai, 356.

कारो kāthi, 1181, 1420.

कॉड kānr, 889, 890, 986.

काष्ट्रा kāra, 1120.

**TIT** kānra, 815, 889, 890, 936.

बोड़ी kānri, 137, 612, 1168. बाड़ी kāri, 1120.

कार् kārh, 8, 279.

कार्व kārhab, 1422, 1478.

कादा kārha, 261, 279.

कार्टि. kārhi, 1478.

कात kāt, 550.

कातर kātar, 272, 278.

कातरि kātar, 272, 278.

का तिक kātik, 1039, 1082, 1083, 1087.

चौर kāndu, 433.

कार् न kandūn, 433.

काही kādo, 323, 1084.

काहो kādo, 789, 824, 981, 1086.

काही करव kādo karab, 981.

कांघी kāndhi, 261.

₩17 kān, 274, 933, 1420.

बान बाठी उतारन kān kāthi stārab, 1420.

कानदार kāndār, 725.

बानहार डोपी kandar topi, 725.

कामनीत्सर्गे kananotsarg, 1459.

कानर kānar, 952.

**बाग** kāna, 29, 933, 1011, 1075, 1183.

कानी kāni, 41, 933, 940.

चाँनी kanni, 1006.

चान, kānu, 293, 303, 433.

कानो kāno, 789, 1011.

कानी किंचड़ kano kiehehar, 789.

TIFE kanh, 256, 274.

बान्ही kānhi, 1006.

बान्ही के हर kanhs ke har, 1006.

wie kanhe, 478.

atu kāmp, 764.

जापा kāpha, 1032.

नाना kāba, 729.

काविष kābis, 786.

আল kām, 999 (footnote).

कामधेनुचा kāmdhenua, 1164.

कामिनी kāmini, 1091.

कामी kāmi, 531, 560.

कायच kayath, 999 (footnote).

कार्योव kārchob, 502.

कारचोबी kārchobi, 502.

कार चीवी वाजा hārchobi wāla, 502.

कारच kāraj, 1426.

कारपरहाज kārpardāj, 1208.

कार्वार kārbār, 1461.

कारा बोगहा kāra bogha, 968.

कारिख kārikh, 69,747.

कारी kāri, 786, 977, 996, 1137.

कारी बाँक kāri bānk, 977.

कारी माटी kāri māti, 786.

कारू हास kāru dās, 1456.

कारू बीर kāru bīr, 1456.

कारे kāre, 1089.

कारोबार kārobār, 1461.

कारोबारी kārobāri, 1461.

काचन त kālbūt, 565.

काखब इ kālbūd, 484.

काला kāla, 965a, 996, 1023, 1043.

काला गीर, kāla gīr 965a.

कार्षिब kālib, 47 ŏ.

चाची kāli, 1455.

काकी खरणान kāli asthān, 1455.

कालीन kālin, 750.

काभ्रत kāsht, 911.

बास kās, 1075, 1091, 1151.

कॉस kāns, 1138.

कास चराइ kās charāi, 1151.

कासनी kāsni, 1078.

कॉसला kānsla, 525.

**TITI** kāsa, 1342.

काँबा kānsa, 558, 682, 1342.

कांसी kānsi, 1075, 1091.

कांचीवाल kāsīwāl, 725.

वांसुबा kānsula, 525.

कास्त kāst, 1218.

वास्तकार kästkär, 1215.

काइ kāh, 1151 Appendix, 14.

Appendix, 14.

काहि kāhi, 1043.

काहि सबुजा kāhi sabuja, 1043.

काही kāhi, 366, 1235.

माही पोस kāhi pos, 1235.

काइ kāhu, 1073.

fa ki, 1088.

किं किनी kinkini, 771.

किषड kichchar, 789.

(4æ hichhu, 393, 1085, 1217.

किता kita, 832, 1254, 1370.

किता पारचा kita pārcha, 1370.

कित्ता kittā, 832.

किनिच kiniha, 1113.

किमाम kimām, 1033.

**किया**रा kiyāra, 832.

िक्यारी kiyari, 832.

विद्यांशी ksari, 62.

**कियाली** hiyāli, 1201.

कियौरी kiyauri, 662.

विर्चित kirānchi, 148.

किराया kirāya, 1201.

किरिन चक्कर kirin chakkar, 585.

किरिया kiriya, 1428, 1451.

किर्या करम kiriya karm, 1428.

किरीना kirauna, 1474.

विति क kirttik, 1084.

किताखाना kilkhāna, 1140.

किसा kila, 585.

**(電新** *kil/a*, 431, 443, 464, 573, 621, 932.

**有朝** *killi*, 179, 331, 929, 936, 1250.

किञ्चन घरपन kishan arpan, 1209a. किञ्चन घरपन kishun arpan,

1209a.

क्षिस्वत kisbat, 383, 388, 734. क्षिस्वह kisbad, 383. विषमत kismat, 283, 784.

किसली के रोटी kisli ke roti, 272.

कियान kisān, 834, 967, 1085, 1086, 1088, 1091.

किसुन पख (or पच्छ) kisun pakh (or pachchh), 1081.

किटा kist, 1214, 1479.

किस्त बन्दी kist bandi, 1479.

कस्ता kista, 715.

al ki, 664 (note), 1088, 1183.

कौँच kīsch, 789.

कीचिन kichin, 1458.

कौन इ kinah, 1087.

कीया  $k\bar{\imath}ya$ , 662.

कौये ksye, 1091.

कोरी kīri, 1074.

की शे kiro, 1074.

कीस kii, 164, 443, 621.

कीषा kila, 573.

कुआर kuār, 1082.

क्क (af kuiyān, 9206, 1459.

कुइयाँ दान kuiyāñ dān, 1459.

कुकरी kukri, 353.

क्रवरींचा kukrāundha, 1183.

जुकार kukāth, 286.

कुक्ति kukurhi, 353, 1074.

क्रक्रा kukusa, 1183.

mart kukuhi, 1074.

क चर्चा kunchbandhwa, 599.

कचा kuchcha, 55.

क्रची kuchchi, 536.

क्वां जड़ा kunjra, 1456.

कुनात kujāt, 1452.

कुणात करब kujāt karab,

ন্ধানা kujātra, 1454.

क्यी kunchi, 55.

क्की kunje, 1250.

कुटका kutka, 325, 417, 896.

ब्रहरी kutrs, 1144.

जुटाएव kutāeb, 624. क्रटॉब hutānw, 892. क्रिटिया kutiya, 1144. कही kutti, 1144, 1234. क्रहाँव kuthāñw, 747. कुडेंड्या kudanriya, 277. कुराही kudandi, 33. कुड्दिना kurdahına, 831, 889. क्रांड्सन्दन kunrmundan, 1434. क्रांड्म नन kunrmūnan, 1434. कुँड्या चास kunriya chās, 801. न्न हियाठी kunriyāthi, 929. क्रांट्या karhiya, 713. **TE** kund, 268. कुष्डल kundal, 753. कुष्डली kundli, 1343. **unda**, 143, 284, 368, 437, 505, 713, 1349. **TE** kundi, 929. जत्रम kuturum, 1047. **₹71** kutta, 711, 1084, 1087. क्रती kutti, 711. **कत्तो** kutto, 655. ज्ञहरूम kudrum, 1047. क्रार kudār, 27, 28, 328. क दादि kudari, 328. क हारी kudāri, 28, 369, 1048. क हाज, kudāl, 28. क दानी kudāli, 28. च ही kudde, 82, 1203. क् नरी kunri, 1073. च न्ती kunts, 1272. क् स् kund, 469, 570, 557. च दा kunda, 401, 1141. 🖚 🔫 kundi, 391, 1141. ब्यो वसर्गे kupotearg, 1459. क् प्पा kuppa, 719, 720. क प्यो kuppi, 719, 1160, क्राप्पो के घा kuppi ke ghyu, 1160. क् को hubbi, 856, 859. ब महेंदी kumarhauti, 786.

क मरौटी kumrauti, 786. क**म्भी kumbhi**, 1125. क म्हड़ kumhar, 1071. क म्हरा kumhra, 572. क महार kumhār, 572, 12096. क् महेच kumhes, 1080. क म्हेदन kumhain, 572. क न्हेंनि kumhaini, 572. कुरता kurta, 741. क रतासो kurtāli, 902. क रथी kurthi, 999. क्रथीलो kurthauli, 1219. क रदन kurdan, 616. क्रिमन kurmin, 1090. क राव kurāo, 797. क **त्न** kurun, 602. क रूर hurûr, 439. क रेख kurai?, 646. क्*क kul*, 1432, 1456. क्लतारा kultara, 412. क् ज द ब्योता kul deota, 1456: क् अपी kulphi, 398, 473, 585. क लफीसार kulphidar, 473a. क् लहर kulhar, 798, 818. कल्हारी kulhāri, 395. कुविच्या kulhiya, 585, 725. **कुरही** kulhı, 725. कुष kus, 1428. कुसगुन kusgun, 1454. कुसप्तर kusputr, 1428. कुसवटन। kuswaina, 1074. कुषद्दी kusahi, 959, 1000. कुसची कराव kusahi kerāo, 959. च्चादेत kusāit, 1454. कुरियाना kusiyana, 1074. कुसिकार kusiyar, 1005. क्रमिकार kusikār, 1005. कुसी kusi, 1088. क्म म kusum, 1043. क्षरसर kuhassa, 1080. च्रार kunkar, 572.

3 ta kuhes, 1080.

ज़रेबा kuhesa, 1080.

mai kūān, 916, 920b, and 920c, 1092.

कुँच kūnch, 362a, 599.

क्रू च। kūncha, 53, 55, 465.

कूँची kūnchi, 54, 428, 465, 543, 599.

कूटन kūtab, 624.

कूटल जाइब kūtal jāib, 621.

क्टि देव kūti deb, 624.

कूटी kūti, 1234.

**T** \$\display k\bar{u}nr\, 268, 505, 713, 929.

क्रुड़ा kūra 848.

**M. S. 143**, 437, 713, 1434.

कुड़ा करकट kūra kurkut, 818.

क्रू ड्री kūnri, 83, 308, 929.

**T** \( \karh, 251.

कूटा kūrha, 879, 1234.

**कूल** kūt, 913.

कूदे kūde, 128 (footnote).

**সুৰ** kūn, 538.

जुप kūp, 920b, 1091.

कुप अग kūp jag, 1459.

34 kūbar, 1260.

₹ kūr, 849.

**Ti** kūro, 1495.

कुमी kūsi, 1091.

**ΣΕ**Τ kūha, 1080.

\*\*ke, 312, 445, 463, 478, 585f, 724, 748, 814, 990, 1006, 1008, 1009, 1015, 1025, 1025, 1040, 1045, 1057, 1073,825,\$29,849, 010, 1118, 1139, 1175, 1183.

919, 1118, 1139, 1175, 1183, 1207, 1208, 1235, 1272, 1275,

1377, 1479.

केबारी keāri, 62.

केबाज keāl, 914. केबाजी keāli, 914, 1201.

88 R. & J.

बेंडियाँ keñuān, 1074.

र्ने जोचा keñocha, 456.

केड्नारी kerwari, 814.

केतरपारा keturpāra. 292.

केतार ketār, 1005.

केतारा ketāra, 1005.

केतारी ketari, 292, 1005, 1006.

केमाम kemām, 1033.

केरवा kerwa, 959.

केराइ kerāi, 959, 960, 1000, 1089.

केराव kerāo, 959, 960, 1000.

केरुआर keruar, 237.

केरीनी kerauni, 866, 867.

कंलीनो kelauni, 866, 867.

कावलाहा kewalha, 956.

कोबाँक kewanchh, 1073.

कवाड़ kewār, 1249.

केंबींड़ keñwañr, 1249.

क्रेंबॉड़ी keñwāri, 1249.

केवाँड़ी kenwanri, 1249.

नवाल kewāl, 786.

कवाली keneāli, 1005.

केबाडी kewāhi, 1005.

केसरिया kesariya, 1043.

केसीर kesaur, 1062.

के हमी kehuni, 882, 886.

ने चुनी दार कुलाफी kehunidar kulphi, 473.

南 ke, 414, 568,655,964,1002 (footnote), 1073, 1085, 1087, 1089.

के ken, 356, 393, 604, 657, 741, 841, 886 (feotnote), 964, 1090.

**बेड्रा** kera, 1204. .

a kenra, 425.

केना kena, 1075, 1183, 1436.

केना डेचरी kena dehri, 1436.

केबस kebal, 978.

केर ker, 393.

केर्ड्स kelhs, 250.

**केसर** kesar, 975,

कोडिया kothiya, 1263.

देखी kesi, 984. केचिया kainchiya, 73, 226. कैरियार kairiyār, 807. केलाएल kailāël, 957. केलिया kailiya, 1074. क kai, 1087, 1113. · कंच kainch, 322, 1256. कची kainchi, 226, 383, 474, 499, 512, 522, 539, 550, 588, 1256. केटी kaiti, 1034. कटी kaınti, 1034. an kainra, 425. कत kait, 585f, 1073. कता kaita, 1072, 1073. केनबान kaitban, 585f. नेत्व kaituk, 1456. केंतुक गोर्साई kaituk gosāñiñ, 1456. वें इक kaidak, 1466. किया kaiya, 511, 551. कंस kail, 1134. केला kaila, 1113, 1134. केवा गंव kaila gel, 957. केली kailīn, 1002, (footnote). **48** kaise, 1026. कोइनी kaini, 1045. कोइन्टा koinda, 1045. कोइया koiya, 1074. कोररी koiri, 807. कोदना koila, 1440, 1456. कोरला माता koila māta, 1440, 1456. कोइली koili, 1074. **कोएला** koela, 847. कोकटी kokti, 329, 1016, 1019. कोविका kokila, 468. कोचनन kochban, 770. कोंचना kochla, 1078. की चला के साम kochla ke sag, 1078. कोचानी kochāns, 1245. काउवार kothwar, 1400. बोडिय kothie, 1090.

कोठिया ईंटा kothiya inta, 1263. कोठियारी kothiyāri, 1201. कोडिया kothiyau 890. कोडिला kothila, 924, 77. को डिलो kothili, 77, 85. कोड़नी korni, 824, 865, 866, 867. 1009. कोड़ार korār, 808. को दिया korhiya, 1074. कोटिका korhila, 1183. कोतवास kotwāl, 1200. कोचली kothli, 770. कोहर्द्र kodaī, 952. कोहार kodār, 27, 28, 369. कोहारि kodārī, 28. कोदारो kodārā, 28, 319**k.** कोनसिया konasiya, 828. कोनसी konsi, 828. कोनासी konāsi, 832. कोनिया koniya, 603, 828. कोनिया जोत koniya jot, 828. कोन्हड़ा komhra, 1071. कोरडे koraī, 367, 1050. कोरञ्जा koranja, 844. कोरपौक्षा korponchhua, 1397. कीरमार kormar, 161. कीरवास korwās, 1051. बोर्**ड**त korsūt, 404. **कोराइ** korāi, 894. कौरौंट korānt, 807. कोराना korāna, 1185. कोरार korār, 784, 807. कोरियार koriyār, 807. **कोरेना** korena, 372. कोरीनो korauni, 1161. कोलटारा koltāra, 412. कोजबाद kolwāi, 832. कोजबार kolsār, 297, 300. कोचसप kolsup, 47, 603.

बोसिएतो koliaiti, 1219. कोलिएतौ ध्यस्मी koliaiti asami, 1219.

कोरहका kelhkarh, 1194. कोण्डकर kolhkar, 1194. कोरहपचरानी kolhpachrani, 1194. कोरहुआ kolhua, 1097.

कोल्डमा वेस kolhua bail, 1097.

बोह्ह आर kolhuār, 297, 300. बोदंदार kohanrgar, 578.

airet konhra, 1071.

को इबर kohbar, 1307, 1308, 1335, 1358.

कोडबरा kohbara, 1335. को द्वारी konhrauri, 1272.

बोहार kohār, 572.

कोहिया hohiya, 713.

कोइन koin, 1045.

कोइस koil, 1076.

कोर्जखो koilkho, 1075.

को च konch, 1045.

को चा koncha, 741.

को ची konchi, 726, 741.

कोडा kotha, 1240.

कोटी kothi, 77, 79, 310, 365, 814, 924, 1400; Appendix, 14.

बोडोवाज kothiwāl, 1461.

बोटो बोरा kothi sora, Appendix, 14

कोड kor, 867, 1009.

कोड़ देव kor deb, 867.

कोड़न koran, 824, 865, 866, 1006,

1009.

को इपका konrpakka, 1182.

कोड्ब korab, 865, 981.

कोडल koral, 1009.

बोडा kora, 104, 1007.

बोड़ी kori, 834.

को दि konrha, 170, 414.

ilic korhi, 841, 886 (footnote),

1098.

कोिए बरह के फेपरि बहुत korhi barad

ken phephari bahut, 841. कोटी korhi, 379, 799.

कोदर कहा kodar katta, 1456.

कोही kodo, 990, 992, 1089.

कोन kon, 128 (footnote), 304, 828.

कोना kona, 828.

कोना कोनी kona koni, 828.

कोमो koni, 828.

कोपिन kopin, 726.

कोपीन kopin, 726.

कोबी kobi, 1073.

कोर kor, 866, 1271.

कोरन koran, 866.

कोरा kora, 104, 788, 1258.

कोरा बाखा kora bāl, 788.

कोरो kori, 1053, 1143.

कोरी करच kori karab, 1143.

कोरो koro, 367, 1050, 1051, 1258.

कोल kol, 1456.

कोला kola, 832.

कोली keli, 832.

कोरुह kolh, 250, 265. कोल्ड kolhū, 250, 265.

कोस kos, 1492.

कोबा kosa, 984.

**कोबी** kosi, 959.

कोसम kosum, 1043.

को इह koha, 139, 430, 432, 442, 713.

नही kohi, 13), 140.

की आहा kauara, 1183.

कौरना kaurna, 138.

कौरेना kaurena, 372.

को अल kanal, 1256.

कीच्या kana, 356, 792, 870, 957.

1398.

कोत्रा कपान kaud jhapan, 957.

कीचा बाँभा kaua bānjh, 1398.

षीचा जुकान kaua lukān, 957.

कौचा हाँकब kaua hānkab, 870. कोड़ kaur, 1247. कौड़ो kauri, 1201, 1391, 1496. कौनी kauni, 988, 1045. कौम kaun, 1125. कौर kaur, 1078, 1247, 1271. कौर जाएब kaur jāëb, 1078. कौरी kauri, 1143, 1256. कौरी कर्य kauri karab, 1143. कौरहा kaulha, 1247. क्या kya, 1091. क्योंचा kyoncha, 74. क्रिश्चका krittska, 1082, 1084. क्रिश्च krishan, 1456.

### || **u** ka ||

**ut** khoī, 833. सबरी khankhri, 1074. खबरहरा khankhrahra, 639. **EEET** khakhra, 894, 901. खखोरनी khakhorni, 37, 328. wiedel knankhori, 1161. खखोर्न khakhoran, 1032. खगडा khagra, 1183. खगरा khogra, 379. खेंगरा khangra, 379. **खगरो** khajri, 379. खॅगरीवा khrngrīwa, 1021. anist khangaha, 1172. 13 14 khagūr, 226. खंचडा kanchra, 789. खंचिश्रा khanchiya, 43, 41. खचोली khacholi, 41. Has khachchar, 1128. खनता khajla, 1272. und khajwa, 1263. खाना khajānu, 188. 321, 916, 919, 952, 1207. **Egy** khojūr, 585f, 1272. खन्ना khanja, 1174. खटाइ khatāi, 1003, 1272. खटिया khatiya, 636, 1416. mant khatula, 636. खटोबा khatola, 636, 1457. खटोनी khatoli, 636.

LWT Aballa, 1272.

खड्ढा khaddha, 31. खड्ढी khanddhi, 20. खड़ khar, 1234. € khanr, 832, 865. खड़कहा kharkatta, 915. कंड्रारना khanrgarna, 314. खड़चर kharchar, 277. **खंडचर** kharchar, 259, 277. खंडचारी khonrchari, 259. खड्मा kharma, 319k. खंड्मोड़ा khanımora, 915. বেৰ্বাহ' kharwiha, 915. खँड्वाद्वा khanrwiha, 915, 945 र्इंडर khañrhar, 1231. खड्हा kharhu, S. खंड्ड khanrhu, 919. खंडमार khanrsår, 312. खंड्यारी khanrsāri, 312. खड़ाउन kharaun, 735. खड़ाओं kharson, 735. खड़ा टाज khara tāl, 890. खंडार khanrar, 578. खड़ींब kharānw, 735. खंड आर khanruar, 945. खड् का kharuka, 1075. खंडीरा khanraura, 1272. खदीर kharhaur, 815. खदीन kharhaul, 815. ## khand, 832. TATE Afailes, 404.

खतना khaina, 386, 1415. खतियौनो khaiyauni, 1463d. खत्ता khaita, 77, 833.

खरगौर khadgaur, 850.

खददा khadha, 34.

खदियाञील khadiyāol, 1006.

खडुका khaduka, 1461, 1477, 1481.

खदोना khadona, 721.

खदीड़ hhadaur, 848, 850.

खद्रीड़ खेत khuda#r khet, 850.

खदीर khadaur, 850.

खड्क khadduk, 1461, 1477, 1481.

खडी khaddhi, 848.

खधा khadha, 77.

खधेल khadhe7, 1145.

खंघीट khandhaut, 832.

खन khan, 1194.

खननार khanjīr, 924.

खनन khanan, 165.

खनसारी khansāri, 646.

खनचन khanhan, 165.

खनित khanit, 1193.

खना khanta, 838, 1493.

खन्ती khanti, 89, 40.

खन्ध khandh, 832.

खन्दा khandha, 832.

खपड़ा khapra, 319, 437, 713, 924, 1262, 1399.

खपड़ी khapri, 319, 437, 713.

खपड़ोदया khaproiya, 1074.

खपरा khapra, 924, 1246.

खपरा पोर्व khapra pherab, 1246.

खपरी khapri, 713, 1422.

खपरोदया kharroiya, 1074.

खपर्ौदी khaprauri, 713, 1401.

खपरीर khapraur, 1401.

खपरीर पेंकार khapraur phenkāë,

स्पियार khapiyar, 646. संबोदा khambira, 468. खबीनी khabauni, 1272.

खभार khabhar, 921, 4125.

खंभिया khambhiya, 765.

खमधो khamso, 392.

खमीरा khamīra, 468, 1021, 1023.

खमा khambha, 414, 431, 609, 938, 940, 1051, 1256.

खिस्या khambhiya, 1256.

खमी khambhi, 1256.

खन्दवा khamharua, 1058.

खन्दा khamha, 473, 940.

खन्द्री khamhāñ, 1256.

खन्दार khamhār, 890, 986.

खिन्ह्या khamhiya, 1256.

**et** khar, 367, 539, 815, 1010.

खरों kharai, 815, 896, 1052. खरकटी kharkūti, 363.

खरकी खूँटा kharke khūnta, 863.

खरकोटी kharkoti, 1253.

खरकीट kharkaut, 363.

खरकौटी kharkauti, 30%.

खरखडा kharkhanda, 669.

स्वरीया kharkhariya, 248.

खरगोब khargos, 740.

खरच kharch, 1207, 1463d.

खरचराइ kharcharāi, 1151.

खरचरी kharchari, 1151.

खरचा kharcha, 1052, 1207.

खरचाक kharchāk, 1081.

खरचोड़ी khurchanri, 277.

खंरचारो khanrchāro, 277.

**खरचा**जी kharchāli, 259, 277.

खर्ण आ kharthūa, 1075.

खर्पा kharpa, 735.

खरनटाइ kharbatai, 918.

खरवृचा kharbūja, 1065.

खरवन kharwan, 1204.

खरवा kharwa, 816.

खरवास kharwāh, 858.

खरवाचा kharwāha, 915, 948.

खाचे kharwe, 549, 858.

खरवेड kharwell, 858.

खासान kharsān, 539, 1024.

खरहर बादम kharhar bāwag, 858.

खरहरा kharhara, 55, 57, 465.

Beel kharharo, 57.

खर्चिया kharhiya, 125.

**ETER** kharhi, 1051.

with kharahur, 815.

खराखीन khardoni, 735.

Gie kharāt, 549.

**ELTE Lharad**, 406, 469, 557.

खराही kharādi, 406.

खरास kharām, 735.

खरिका kharika, 1310.

खिता kharikauta, 1253.

wita kharit, 850.

**चरिस्मी** kharidgi, 1209d, 1215.

खरिहार kharidar, 1214.

खरियन kharihan, 1188.

खिश्चान kharihan, 879, 1090.

खिरानी kharihāni, 879,914,1194, 1196, 1197, 1200.

**Til khari**, 250, 480, 1424.

wile kharīd, 1040.

Baul kharua, 467.

**33 a** tharuka, 740, 1074.

खबनी kharuki. 740.

खाउँच kharuhan, 864.

खबहान kharuhān, 982.

**ETT** kharuho, 1124.

खरेबा kharaiya, 125.

Biel kharuitha, 815.

win kharail, 646.

खरो घर kharo ghar, 1285.

**est** kharra, 55, 57, 1182.

बर्री kharri, 268.

खबोदया khalkoiya, 990.

Bath khalchi, 718.

**BUTICAL** khalchoiya, 984.

खलड़ी khalri, 1139.

खलनेदार khaltedar, 727.

खननी khalni, 520.

खेलवा khalwa, 790.

खलार khalar, 790.

खनित्रहो khalitari, 1119.

खिला कि khalihāni. 912.

西斯 khalli, 263.

खरेट khalhar, 790.

खवास khawās, 1184.

खसखस khaskhas, 362a.

खसम khasam, 1274.

खसरा khasra, 913, 1468 a and b. 1470, 1471; Appendix. 8.

खसरा दानावन्दी khusra dānābandi.

1468a, 1470; Appendix, 1.

खबरा बटाइ khasra batāi, 1468.

खबरेया khaeraiya, 362.

खंखल khasal, 1080.

खिया khasiya, १७३, ७७८.

■ # khassi 1121.

Kanssi, 1121.

**TITA** khāik, 1269.

**सार्ड** khāī, 833.

खाङ khāū, 1477.

खाए khāe, 1026.

खाँखर hhāñkhar, 920c, 921.

खाँग khāng, 1174.

खाँगन khāngan, 165.

खाँगल khāngol, 1174.

**uta** khānch, 318.

खाँचा khāncha, 44, 318, 319f, 459.

with khānchi, 44, 319/.

खाने खिद्र khaje khidar, 1458.

खाना khāja, 1272.

खनाना khājāna, 916.

खाँची khānji, 648.

eiten khānihi. 44.

TTZ khāt, 636.

■\text{ten, 966d.

खाँड khāñr, 91°, 1014. खाँड़ी khānri, 20, 740. खाँडो khānro, 919.

TT khārh, 1082.

खादी khārhi, 8, 20.

खाता khāta, 20.

खात्व khātab, 1461, 1477.

**खा**ता khāta, 8, 77, 269, 315, 319j, 1462, 1463c, 1477.

खाताबही khāta bahi, 1463c.

खातिर khātir, 1192.

खार khād, 77, 849, 1008.

खाँदन khāndan, 165.

खादर khādar, 848, 849, 868.

**खा**ध khādh, 77.

खाधा khadha, 77.

खान khan, 251, 268, 1194.

खानचा khāncha, 459, 467.

खानदान khāndān, 1209e.

खानन khānan, 165.

**EXECUTE** This is a second of the second of

खानी khāni, 1272.

खाने वाम khāne bāg, 813.

खाप khāp, 402, 1221.

खाप**ए** khāp ा, 437.

खापरि khāpri, ?13.

खाब khāb, 399, 402.

खावड khābar, 792.

खाबर khābar, 792.

खामर khābhar, 192.

खाभव khābhal, 867.

**खा**म khām, 1235.

खामची khāmso, 392.

खामा khāma, 431.

खान्द्री khāmhi, 1051, 1256, 1259. खाय khāy, 250, 356, 1084, 1087,

1113, 1269, 1272.

बार khār, 1080.

जारी khāri, 816.

खार khāru, 864, 982.

खार्**यां k**hāruān, 1042.

खाल khāl, 414, 790, 792, 1139.

खावा khāwa, 713, 917.

खाँवाँ khāwān, 833, 917, 953.

खाविन्द khāwind, 1274.

खास khās, 131; Appendix, 14.

खासदान khāsdān, 711.

खासर khāsar, 1164.

खिखोरना khikhorna, 493.

खिखोरनी khikhorni, 493.

खिन्नर khinga, 445.

खि चड़ी khinchri, 963, 1272.

खि चनी khichni, 145.

खिचा khichcha, 984.

खिजाया khijāya, 963.

खिधोरना khidhorna, 493.

खिनौरी khinauri, 2, 825.

खिनौरी वे जोत khinauri ke jot, 825.

खियाव khiyāo, 1338.

खियौर्ज khiyaulen, 1217.

खिरकी khirki, 1249.

खिरखियाद khirkhiyāi, 1407.

खिरखियौनी khirkhiyauni, 1838.

चिरचटाइ khirchatāi, 1407.

खिरची khirchi, 402.

खिरदम्त khirdant, 969.

खिरवरा khirawara, 1002 (footnote),

1272.

खिरसा khirsa, 1164.

खिरौरा khiraura, 1272.

खिनवर khilkat, 797, 981.

खिलकही khilkatti, 797, 981.

खिनती khilti, 402.

खिजबही khilbatti, 711.

खिनमार khilmar. 795, 797, 981.

खिजवत khilwat, 1236.

खिनही khilhi, 1192.

खिनहोरना khilhorna, 493. खिनुषा khilua, 740. खिलोरना khilorna, 493.

खिसत khillat, 1209b.

four khilla, 24.

खिसी khilli, 711, 1055.

खिसकट khiskat, 727.

elel khikhi, 713.

खीं चन khinchab, 391.

खींची khinchi, 1079.

wit khir, 1272, 1338, 1389, 1405.

स्रोर खियाव khirikhiyāw, 1338.

खीरा kkīra, 533, 1070.

खोरा विची khīra bichchi, 533.

खोरि khiri, 1272.

खीस khīl, 795, 797, 981.

खीन कोइब khil korab, 981.

खोल तोष्व khīl torab, 981.

खोल के डाबोल khīl baithāol, 795.

खोन मारो khil māri, 1192.

चक्दा khukkha, 1076.

खन्न khukhsa, 1183.

auf khukhuri, 984.

EZZ khuntra, 182, 244.

# 21 khuntri, 182, 185, 200.

TEST khutla, 764.

Teal khutli, 764.

BETT khutahara, 2.

खॅटहरी khuntahri, 182.

रातान khuntātān, 224.

Teu fa khuntiputti, 348.

बिया khutiya, 728.

**बरिया** khuntiya, 1008, 1010, 1024.

ब्रिटिया चौगरखा khutiya angarkha, 728.

afzar khutila, 764.

खंटिस्री khuntihri, 182.

ETT khuntekra, 825.

Zett khuntehri, 182.

**TET** khutta, 368, 431, 609.

**Tel khutti, 489, 573, 764.** 

thunta, 40, 213, 464, 609.

**EST** khunda, 361.

खुडी khundi, 361.

खर khud, 911.

खद काभ्रत khudkāsht, 911.

खरगी khudni, 27.

खहर khudar, 1048.

खही khuddi, 1272.

खिया khubiya, 764.

खम khum, 83.

खुरका khurka, 1075.

खरखन khurkhun, 1079.

खरचन khurchan, 1032.

खरचनी khurchani, 319h, 456, 1161.

खुरचनी khurachni, 453.

खरचुनी khurchuni, 424, 512.

ख्रजी khurji, 129.

खुरहाइ khurdāin, 888.

खरदिया hhurdiya, 1208.

खराइया माजिक khurdiya mālik, 1208.

खरदिहा khurdiha, 1208, 1214.

खुरहिं साजित khurdiha mālik, 1208.

खरहो तो khurdonti, 888.

खरदीनी khurdauni, 888.

खरनी khurni, 27.

खरपा khurpa, 59, 60, 306, 369, 481.

खरिपयाना khurpiyāna, 866, 867.

खरपी khurpi, 61, 306, 328, 456, 481, 486, 867.

**Etu** khurpha, 1073.

खरमा khurma, 1272.

खरहा khurha, 1172.

खरा khura, 90.

खरी khuri, 90.

TU khush, 1040.

ख्याका khushka, 1272.

खप्रकी ठोका khushki thika, 1210,

THE WEIT khush kharid, 1040.

खबको khuski, 788, 1040, 1272,

Tagad khusbakat, 1209d.

ख्यवरी khusbari, 1073. **ख्या** khūa, 888, 891. w z khūnt, 726, 1141. खंटा khūnta, 213, 223, 224, 239, 330, 363, 414, 431, 464, 469, 489, 538, 609, 932, 1142, 1419. म्हेरा विका khūnta balla, 319j. बंदी khūnti, 32, 258, 260, 330. 348, 401, 489, 573, 595, 621, 932, 1008, 1010, 1039, 1194. 🖷 🤼 khūnra, 361. **E** thunri, 361. **ख** म khūm. 713. ख्र khūr, 383. TI khūra, 13, 78. खंख चा khekhsā, 1078. चं धहा khendhra, 637. खंधरा khendhra, 731. ख नरा khenra, 637. च पान khepān, 289. TET kheruka, 740. खेबडी kheruki, 740. खेलाइ khelāi, 1198. **खेसरा** khesra, 959. खेंचारी khesāri, 959, 999, 999n. खेद्दा kherha, 8, 965.

खेदी kherhi, 820, 1404. खेदी khenrhi, 8, खेदी बोड़ाएव kherhi jorāeb, 1404. खेत khet, 69, 356, 797, 798, 827, 832, 834, 850, 981, 1006, 1090, 1120, 1435. खित प्रपार khet pathār, 832.

खत पथार khet pathar, 832. खित बधार khet badhār, 832. खित भोजनी khet bhojni, 1435. खित भोज khet bhoj, 1435. खित माच khet mas, 999. खित माच khet māsu, 999. खितो kheti, 832, 1456. खिती बारी kheti bāri, 832.

खेती भवानी kheti bhawāni, 1456. खेना khena, 76. खेप khep 646. खेवा khewa, 235 (footnote). खेड्रा kheha, 8. खचा khaincha, 44. खेची khainchi, 288. खनी khaini, 1023, 1026. खेया khaiya, 1269. खर khair, 1073. खें स khaira, 1074. खेरात khairāt, 1209d, 1481. खेरी khairi, 1074. खंडन khaihan, 844, 1188. खोइ चा khoincha, 984. खोइ का khoinchha, 741, 941. खोइया khoiya, 290, 984, 1012, 1031 खोरहा khoiha, 290. खोरहा khoechha, 741. खाँखरी khonkhrj, 984. खोंगहा khongha, 1172. खाँचरी khoachri, 77. खोजड़ा khojra, 1076. खोटना khotla, 764. खोटली khotli, 241. खोड्ना khorna, 441. खोडनी khorni, 441. खोदाद khodāi, 1431. खोदीना khodauna, 303. खोनचा khoncha, 459, 467. खॉपड़ा khompra, 879, 1234. कॉपड़ी khompri, 71, 879, 1234. खोबार khobār, 1125. खोभना khobhna, 40. खोभार khobhār, 1125. खोभारि khobhari, 1125. खोभिया khobhiya, 1272. खोर्ना khorna, 303, 441, 705. खोरनाठी khornāthi, 441. खोदनी khorni, 303, 441, 705.

खोरमा khorma, 1272. खोरचा khorha, 1172. खोराकी khorāki. 1209e. खोरा चानी khorāsāni, 1073. खोरायानी जवाद्य khorasāni jamāin, 1073. स्रोदिया khoriya, 511. ভীলকত T kholakrā, 582. खोजडी kholri, 990, 1031. खोजनी kiolni, 520, 582. खोजने या khalwaiya, 232. खोजमरिया kholmariya, 523. खोजसा kholsa, 97, 261. खोडिया khohiya, 290, 1012, 1031. खोबा khoa, 888, 891, 1167. **खोर्**या khoiya, 1272. खाइ क khōñichh, 621. खोख। khokha, 1487. खोगीर khogīr, 226. **TT** khonch, 269. खींची khonchi, 41. खेकिर khonchha, 741. खोब khoj, 1286.

खोड khor, 1141. विांडी khonri, 361. खींदा khonrha, 8. खोदब khodab, 1379. खोना khona, 721. खोन्ही khonhi, 1248. खेंप khomp, 50, 79, 895, 1234. खो पक्त मधनी khomp ke mathni, 895. खोँ पी khompi, 895. खोभन khobhan, 40. खोभी khobhi, 1183. कोम khom, 1125. खोर khor, 143, 284, 368, 713, 893, 1461. खोरा khora, 83, 284, 308, 690, 713. खोरिश khorish, 1209c. खोरी khori, 680. खोल khol, 22, 97, 156, 730, 933. खोला khola, 97, 261. Tala kholi, 223, 22. खोड khoh, 891. **ela** khauk, 1461. खीकार khaukār, 1477.

### ।। ग १ ।

गए gae, 1084.
गंगटा gangta, 794.
गंगटा gangta, 794.
गंगटा gangtāha, 794.
गंगटियाचा gangtiyāha, 794.
गंगटी gangti, 794.
गंगटी gagra, 693, 711.
गंगरी gagri, 304, 432, 713, 786.
गंगरी केवाच gagri kewāl, 786.
गंग gang, 788.
गंगट gangat, 794, 1266.
गंग बरार gang barār, 788.
गंग बरार gang barār, 788.
गंग बरार gang sikast, 788.
गंग ganga, 1451, 1456.
गंगाच gangāk, 1451,

महा जल ganya jal, 1451.

महा माइ ganga māi, 1456.

मच gach, 423.

महाली gachhuli, 814.

मच gaj, 154, 471, 474, 477, 582,

711, 1490, 1491, 1492.

मचहा gajra, 1073.

मचपती gajpati, 977.

मचपता gajbāt, 102.

मचहाम gajbāt, 102.

मचहाम gajbāg, 102, 224.

मचह gajar, 826, 959.

मचह समर gajar bajar, 959.

मचह समर gajar masār, 959.

गचरा gajra, 1073. गजरौटा gajrauta, 1144. गण होटी gairauti 1144. ग्रा**न**वा**ष्ट** qajwāh, 646. गनही gajhi, 144. गचा gaja 959. गर्नोड gajānr, 798. गनास gajāra, 40. गाजा बना gaja baja, 959. गॅिष्या ganjiya, 227. मचार gajur, 1001. πει ganj, 224, 585. गञ्ज व्यपान् ganj aphjūd, Appendix, 2a. मञ्ज चितार ganj sitāra, 585. गहा gatta 472, 1272. गडी galti, 498. गॅठींड ganthaut, 1480. गठौरा gathaura, 770. गॅंडकसा ganrkassa, 236. गङ्किसी garkilli, 258. πεπει gargara, 473. गडनो garni, 365, 919, 1183. गॅडमेखा ganrmekha, 932. र्गंडर कहा gandarkatta, 915. गहरा garra, 1074. गॅड्सार gansār, 1008. गंडसी ganrei, 86. गड्हडी garharo, 106. गडहर garhar, 1075. गँडहर ganrhar, 1183. মভ্ছৰআ garharua, 1183. गर्हा garha, 849. गंडची gandhi, 1479. गड़ाड़ी garāri, 595. महार garār, 1074, 1075, 1183, गडारी garāri, 940. गॅंड्रारी ganrāri, 62, 832, 833. गॅर्स ganrās, 86. ग्रंचीं garāns, 86.

n Tiel ganrasa, 86. गड्सा garānsa, 86. गंडासी ganrāsi, 86, 88. गडि यार gariyar, 1183. गडि वास gariyās, 408. गड़ी garı, 147. गंडु आ ganrua, 924. गड़ें डी gareri, 488. गँड़ र ganrer, 1183. गड़ें री gareñri, 1150. गॅंड़ री ganreri, 1183. मड़ीचाँ garauān, 924. गड़ों की graunchhi, 1183. गढरो garhro, 1075. πετε garhāi, 537. मार्ड garhen, 568. **TE** T ganda, 823, 854, 1498. गखादार ganda dhār, 1007. गतान gatan, 120, 122, 639. गतार gatār, 938. गता*ज gatāl*, 1477. गताल खाता gatāl khāta, 1477. गतीरा gataure, 120. गत्ती gatti, 713. गत्तो gatto, 614, 621. गर्पंड्रोचा gadpanroa, 1183. गर्पाड़ीड़ा gadpirora, 1183. गहपूर्वा gadpurna, 1183. गद्रा gadra, 877. गहराएव gadrāëb, 1004. गद्राएल gadrāël, 957, 1001. गहराएल है gadrāël hai, 957 गर्हा gadha, 105 (footnote), 393, 1128. नद्दा के बचा gadha ke bachcha, 1128. गर्हिया gadahiya, 1074, 1263. गद्दी gadhi, 1074, 1128. गद्द ड्री gadhenri, 1128. गदी gadi, 226. गहीना gadina, 1073.

TTTVI गर जा gadeld, 127, 213, 223, 1131. गंदीरा gandaura, 848. TET gadda, 127, 209, 213, 877, 940. गही gaddi. 125, 126, 127, 223, 226, 213, 371, 414, 451, 531, 602, 1131. ग्रहोवान gaddiwān, 371. मधपुर्ना gadhpurna, 1183. गँधवा gandhwa, 1074. गनना बनव ganna banba, 1343. ग्रनेस ganes, 1203. ानीश ganaura, 848. गन्धकी gandhki, 1074. गन्धी gandhi, 1074. गपताज gaptā!, 1477. गपत्या gaptua, 1074. गपत् gaptu, 1074. गपस gapsu, 1074. ज्ञाच gabya, 1157, 1272. गभत् gabhtu, 1074. गैभरी gambhri, 965. गभक gabhru, 1281. सभा gabha, 957.

ग्रभा भेल वा gabha bhail ba, 957. मनीरी gabhauri 894. गमक्र gamchha, 724, 733. गमकी gamchhi, 788. गमका gamla, 713. गमहेर gamher, 301.

सन्दर्ध gamhra, 957. गम्हड़ा भेव बाह्य gamhra bhel achhi, 957.

मस्री gamhri,965. ज्ञाया gaya, 1091. गयास gāyal, 1477. गयान खाता gayāl khāta, 1477. ₹ gar, 1098. गर कीनधा gar aundha. 113. गरकी garki, 912, 1230.

गरकी परती garki parti, 912. गरजे garje, 1087! गर्चे garjai, 1087. गरवडी garandi, 919. गरदनी gardanı, 889. गरहम gardam, 113. गरहवानी gardawānī, 261, 765: गरहानक gardanak, 1251: गरहानी gardani, 261. गरहामी gardāmi, 261. गरदाँव gardānw, 113, 889. गरव खिला garab khilla, 155. गरमी garmi, 1092. 1083. गर्ज garal, 1272. गर**सो** garsi, 765. **πττ** garh, 1252. गर्हगर garahgar, 1252. गरहर garhar, 106. गरही garhi, 1207. गरही खरच। garhi kharcha, 1207. गर्गिट garāngat, 794. गर्डि garānri, 919. गरामना garāmta, Appendix, 12a. गरारी garāri, 595. गरिकार gariar, 1098. गरिया garīya, 1014. गरीब garib, 414. गरे gare, 781. गरींघा garaundha, 889. गरीनधन garaundhan, 113. गर्रा garra, 423. गवस्तीर galkhor, 113. ग्राक्तिन galjin, 724. गलनीती galjoti. 196. गवडे galthai, 1143. गलंडे करव galthai karab, 1148. गजता galta, 402. गजनल galbal, 1272. गनमोक्षा galmochha, 724.

गवान galal, 1004.

गलसटका galsatka, 765.
गलसेट्रो galsedi, 1316.
गलसेट्रो galki, 235.
गलियारी galiyāri, 489, 621.
जलसा galācha, 750.
गलसा galaicha, 750.
गलसा galaicha, 754.
गलीसी galaudhi, 724.
गलीसी galausi, 621.
मलस gallar, 585.
गला galla, 890, 1468a, 1470, 1472,

1484. महो galli, 489, 621, 832. मॅचला ganwkha, 1011.

गवन gawat, 1144.

गवत चोर gawatchor, 1146.

गवन gawan, 1291, 1224.

व्यवना gawna, 1291.

गवा gawa, 1435.

मवा समार्व gawa lagāëb, 1435.

गवा चेव gawaleb, 1435.

มลิ ัยโ gawaiñyāñ, 1207.

गर्वे या खरच gawainyan kharch, 1207.

गचनी gahni, 234. गचरा gahra, 800.

गिंदिरी gahiri, 655.

म**ह**षा gahua, 411, 516, 552.

गहुरे gahui, 516.

गहुम gahum, 955.

गहुमन gahuman, 1136.

गहुमा gahuma, 972, 985, 987.

महुनी gahuli, 516.

महेड् gahenr, 1124.

गारे खरच, gāiñ kharch, 1207.

गोक् gāchh, 585f, 994, 995.

πετ gāchhi, 813, 814, 862, 990, 1001.

মাৰ gānj, 48, 646, 890, 894, 986. মাৰ্ gājar, 1073.

गाजर gājar, 1016, 1144.

माचा gāja, 318.

गाँचा gānja, 44, 48, 1036.

गाँजी gānii, 646.

गाँजी मीयाँ gāji miyān, 1456.

गाँटा gānta, 1480.

ਗੀਂਤ gānth, 1480. ·

गाँउ। gāntha, 1480.

गाँठी gāntha, 655.

गाँड्र gānrar, 1075, 1183.

गाड़ा gāra, 147, 150, 201, 1008.

गाड़ी gāri, 147.

गाद् gārh, 858.

गाद्वा gārka, 858.

गात gāt, 120.

गाता gāta, 38.

गाँती gānti, 740.

गार् gād, 790, 1001.

गाहर gādar, 877.

गादा gāda, 877, 1001.

गाद् र gādur, 1074.

गाँधौँ gāndhi, 1074.

गाभिन gābhin, 1116.

गाम gām, 394.

माय gāy, 604, 1094, 1114, 1159.

गाय गोरू gāy goru, 1094.

मार gār, 829, 951, 952.

गारा gāra, 423, 1267.

साख gāl, 921, 990, 1002 (footnote),

1317.

गाल सँकी gāl senki, 1317.

मासी gāli, 489, 621, 729.

गाँव के खरच gānw ke kharch, 1207.

गाँव के ठाकुर gāñaw ke thākur, 1208

πτατ gāwa, 1435.

गासी gāsi, 13.

गा**द्धी** gāhi, 884.

गिट्टी gitti, 1267.

शिद्रां gerkāna, 1010.

शिनव ginab, 1343.

शिर्दे girain, 1480, 1481.

गिरगिटिया girgitiya, 1037.

गिर्गिर् girgira, 646.

सिरमर girdhar, 655. गिरहा girda, 399, 459, 924. बिर्बिट girmit, 400, 405. जिरमी girmi, 1480, 1481. तिर्च giral, 1080. जिरवी girwîn, 1480. गिर्क giraste, 1160. शिरस्तु घा giraetu ghyu, 1160. (ace girah, 100, 1491. विरम्ब girkast, 1085. **बिरची** girki, 1234. मिराबी girābi, 239. बिरामी girāmi, 289. (ME girek, 1010, 1491. निरे gire, 1010, 1491. जिर्दी giron, 1477, 1480. बिरो शाँउ giron ganth, 1480. तिबन्दाची gilandāji, 1493. तिचावा gilswa, 425, 1246, 1267. **विकास** gilas, 691. मिचेष gileph, 730. सिवेदा gilewa, 1267. विचौरी gilauri, 1055. मॅरिनट gingat, 1266. सीर gir, 965a. ग्राच gugul, 1419. Tel guckchka, 233. ग्रजर gujar, 69. गुजरात gujrāt, 1087. ग्र**ंचरी** gunjri, 533. ग्रन दचा gujurus, 270. गुचिरा gunjera, 1183. **TEL**1 gudra, 975. gur, 1014. गुष्की gurki, 372, 718. गुनुगुन्दी gurguri, 473. गुज़िया puriya, 188, 204, 221. **UFF**[ gurura, 1451. गुरेर guraur, 300. सुदी gurki, 119.

I gund, 886. गु**को**, gundo, 894. गुर्का gudra, 637. गुहर gudar, 1048. गुद्रा gudra, 731. पुररी gudri, 731, 1048. गुरुभ्रता gudasta, 1216. युद्यताहार gudashtadār, 1216. गुरसा gudasta, 1216. गुद्काद्दार gudastādār, 1216 गुरार gudar, 874, 886. ग्रहारा gudāra, 874. गुन gun, 655, 747, 1457. गुनचारी gunthāri, 638. गुनरखा gunarkha, 238. गुनाबाह gunwāh, 239. गुनिया guniya, 426. ग्रनियाँ guniyān, 404, 426. गुनी guni, 1453. गुनी gunni, 1343. गुम्मा gumma, 1272. ग्रद gur, 1014. गुरखा gurkha, 238. गुरचलना gurchalna, 606. गुर्व gurdan, 309. ग्रह्म gurdam, 309, 319, 457. ग्रद्वान gurdawān, 1141. गुर्देख gurdel, 66. गुरपीर gurpaur, 310. गुरहकी gurhandi, 314. ग्रास्त्यन gurhatthan, 1225. गुरश्रत्थी gurhatthi, 1325, 1347. गुरुहो gurhi, 120. गुरुष guruj, 402. त्रच खाप guruikhāp, 402. गुरीधा guraudha, 1341. ग्रीघा guraundha, 1325. गुजगुजा gulgula, 1272. गुक्तिवास्य gulthiyāëb, 1024. गुजराना guidāna, 1272.

गुजदार guldār, 1138. गुलफा gulpha, 1073. गुलफी gulphi, 398. गुलमिरिच gulmirich, 1073. गुजाब gulāb, 1043, 1272. गुलाब जारून gulāb jāmun, 1272. गुजाबी gulābi, 1043. गुर्वेती guleti, 66. गुकौरा gulaura, 1272. गुह्ना gulla, 1012. गुर्ह्सो gulli, 32, 398, 602, 929, 932, 936, 1008, 1012, 1042, 1272. य च günj, 469. मूड gūr, 1014, 1399, 1404, 1409. गुड्क gūrak, 719. म इंद्र günra, 886. मूँ ड्रो gūnri, 898, 1023. मूज़ gūrha, 110, 233. गुन gūn, 115, 239. गर gūr, 211, 373, 1014, 1324. मूरी gūri, 127%. गेठजोड्न gethjoran, 1381. गेठिया gethiya, 128. ग्रेंड्ट्रोला genichhila, 292. गें ड्विंचा genrwahiya, 292. शिङ्ह्रच्या gerharua, 1075. गेंड्रारी genrāri, 832. गॅड्काटो genrikāta, 293. ग्रोड्या geriya, 549. ग्रेड्यार geriyār, 28]. गिड्यार genriyar, 298. जॅरियारी genriyāri, 281, 298. गेड़ आ gerua, 688. गेंड् आ genrua, 862. गेंड् खावा genruāwa, 126?. बॅंड़ ड्री genrurs, 652. गॅंड् सो genruli, 652. बोंद्डा gendrā, 637. गंदरा gendrā, 731.

तेन्हरी genhri, 1073,

गैन्हारी genhāri, 1073. गेरचा gerua, 119, 637, 1074. गेवई gerui, 1074, 1089. गॅलच्यटा gelhanto, 1073. गेलाइ gelāh, 1070. गेले gelai, 1477. गेल न्हि gelainki, 1486. गल्डनी gelhni, 37. गॅचिड्वाला genhriwāla, 1156. ที่**ฐ** gehuñ, 955. ग्रें चुन्ना genhuān, 985. गे**ह्मा** gehuma, 985. गेंड genhun, 1092. गेटम getam, 637. ਸੱ*ਰ genth*, 1331. गेंठ जोड़ yenth jor, 1331. र्गेटबन्धन genth bandhan, 1881. गॅटा gentha, 108. मेंडि genthi, 1857. गेंड़ genr, 1010, 1012, 1144. गेंड्रा genra, 873, 1008. गॅड़ा करन genra karal, 873. गेंड़ी genri, 288, 1008. गें इ खिलाब gend khelab, 1386. गे**ट** geru, 786. गेस gel, 114 (footnote), 444, 859, 922, 967, 987, 1004, 1048, 1086, 1087, 1089, 1343, 1485. मं**श्ह**ा gelha, 141, 719, 1160. गेल्डा के घा gelha ke ghyu, 1160. गेचरा gaighara, 1153. गच gainch, 1256. गेचा gaincha, 38. ग ता gainta, 38, 39, 115. गतो gainti, 38. गेदान gaidan, 1347. गेना gaina, 1099. गेया gaiya, 1087. गेर gair, 1215. गेर भौक्या gair maurūsi, 1215.

रोस gail, 957, 1092, 1094, 1294. 1477, 1485. गैल खाता gail khāta, 1477. गेवाइ gaswäh, 1150. गोबाम goām, 919, 1201. मोखार qoār, 1084, 1150, 1203. मोबाह्ब goārk, 849 (footnote). मोचारे goaren, 1159. जोचास goās, 1132. गोर्डेटा goīta, 1139. मोइडा goitha, 852, 853. मोर्ड है। gointha, 852. गोरठा घर goitha ghar, 853. मोए इ goenr, 784. गोए डा goenra, 784. मोखन gokhlu, 533. मोखला gokhula, 753, 1075. मी**बर्ड** 90jaī, 959. गोक्तनौटा goihnahta, 741. मोिक्सया gojhiya, 1272. मोटाएस gotāël, 957. मोठच्च gothahul, 853. मोठौर gothaur, 853. गोठौरा gothaura, 853. मोडोब gothaul, 853. मोठीला gothaula, 853. मोस्वार gortār, 638. मोस्धोबाद gordhoāi, 1341. मोर्पीटा gorpautha, 939. मोदपीर gorpaur, 941, 949. गोइहा gorha, 759. मोर्डाइ gorāin, 759. मोड़ानी gorāni, 105, 110. बोड़ॉव gorānu, 110, 759. जोक्षन gorāwan, 110. मोड़ार gorār, 110. बोड़िया goriya, 188, 224, 225, 226, 690, 1256. बोड़ त gorait, 1200, 12096 ; Appen-

dix, 120.

गोड तक goraitak, 1200. गोड़ तक मह goraitak mūth, 1200. गोड़ ती goraiti, 1200. मोधार gothār, 1145. गौंदरी gondri, 751. मोदाम godām, 312, 1139, 1488. गौंदीरा gondaura, 848. गोधना godhna, 1183. गोनतारी gontāri, 638. गोनरी gonri, 751. गोनरौर gonraur, 848. गोनिया goniya, 426. गोपाल भोग gopāl bhog, 975. गोबनाइ gobnāi, 1456. गोबनाइ रोजत gobnāi rāüt, 1458. गोबराएंस ggbratt, 850. गोबरौरा 'gobraura, 1074. गोबारा gobāra, 585. गोभनौ gobhni, 40. गोरखिया gorkhiya, 845, 1150. मोरखल gorlehul, 753, 1075. गोरकी goranti, 786. गोरचरिया gorthariya, 638. मोरचारी gorthari, 638. मोरचारो gortharo, 1145. गोरदार रन्दा gordar randa, 399. गोरदार बखानी gordar rukhani, 400. गोरघोचाद gordhoāi, 1400. गोरपौर gorpaur, 280. मोरपौरी gorpauri, 614. मोरचा gorha, 852, 853. ग्रोदिचहा goriatta, 786. गोरिया goriga, 1456. मोरे चा gorea, 1456. गोरें टिया gorentiya, 786. गौर दिया पषरौटी gorentiya patkrauti, 786. गोर या goraiya, 1458. मोरोघा goraudka, 1341. गोजभएटा golbhanta, 1078.

गोनस्चा golmuhān, 523 गोलमृहीं golmuhin, 523. गोलवा golwa, 764, 768, 1135. मोलवा golwan, 378. गोलसाबर golsābar, 549. गोलच्य golhath, 963. गोलहत्यी golhatthi, 963. **मोलाव।** golāwa, 1073. मोलीर gloaur, 297, 300. मोसाँदेँ gosañiñ, 1456. मोसाउन gosāun, 1175. जीसँया gosainya, 393. गोहमा gohma, 970. मोहरा gohra, 852, 853. गोहराएव gohrāëb, 5098. मोहरीर gohraur, 853. मोहरी . T gohraura, 853. गोहान gohān, 784. गोहार gohār, 1201. बोहाल gohāl, 1153. जोचिया gohiya 72, 1231. मोह्र gohuñ, 955. गोहम gohum, 955. जोहमन gohuman, 1136. जोच्या goa, 653, 848, 868, 1006. गोच्या पटाएब goa patāëb, 1006. मोख्य gokhul, 975, 978. गोखन पून gokhul phūl, 975. गोखन सार yokhul sār, 978. मोक्स gochha, 233. मोक्टी gochhi, 1435. गोजर gojar, 69. गोजी goji, 651. जोकार gojha, 1272. ग्री**क्ती** gonjhi 1010. मोट got, 604, 984, 1045, 1127. ब्रोटाgota, 765, 856, 984, 1045. मोटी goti, 327, 1032, 1175. मोटी के निक्षारी goti ke nik sari 1175.

मोटी घर goti ghar, 327. मोटो goto, 1045. मोडी gothi, 337. गोडल gothul, 853. मोड़ gór, 356, 1341, 1350, 1451. गे**ँड** gonr, 433. गोड़ घोद gor dhoi, 1341. मोद्रा gora, 78. 90, 362a. मोड़ी gori 319j. गेरिंडी gonri, 93, 580. गाँदा gonrha, 784. मो**इ** god 1394. गीद खेब god leb, 1894. गेर्दि gondi, 1251. गोधन godhan 1+46. मोन gon, 115, 128, 239. गोनर gonar, 849 (footnote), 849. गोप gop, 755. मोबर gobar, 848, 1445. गोबर पाँचे gobar panche, 1445. गोभी gobhi, 1009. 1011, 1074. गौर gor, 1887, 1338, 1400. गोरख gorakh, 756, 769. गोरख धँघारी gorakh dhandhāri, 756. मोरख धन्हारी gorakh dhanhara, 756, 769. मीर लगाएन gor lagāeb, 1337, 1351 गोरस goras, 1157. गोरा gora, 1216. मोरी gori, 786. गौरी केवाल gore kewāl, 786. गोरू goru, 1094. मोच gol, 286, 418, 748, 756, 769, 921, 1037, 1073, 1113, 1135, 1259, 1260. गोलक golak, 399, 400, 418. गोलक नुबच खाव golak buruj khāb. . 399. गोत्तख golakh 400, 418. मोन मान gol gāl, 921.

गोन मिरिच gol mirich, 1073.
गोनम्म golammar, 921.
गोन रेती gol reti, 418.
गोना gola, 421, 466, 585, 1016,
1113, 1135, 1259, 1260, 1272.
गोना का golākas, 424.
गोना कानो gola rukhāni, 400.
गोनी goli, 77, 498, 505, 549.
गोनी बनरी goli sabri, 519.
गोना कुosal, 1408, 1480.
गोनन करावन gosal karāeb, 1408, 1430.
गोन्य gohat, 865.
गोनम्ह goutha, 1144.

1430.
गोच्ट gohat, 865.
गोतचः goutha, 1144.
गोनच्दी gaunahri, 1293.
गोदिया gauraiya, 99!.
गोदिया gauraiya, 473.
गोधाला gausāla, 1153.
गोधाला gausāla, 1153.
गोधाला gausānghi, 1102.
गो gan, 637, 1114, 1451.
गोंचा gausāñ, 1208.
गो किरिया gau kiriya, 1451.
गो कोस gou kos, 1492.

मीखा gaukha, 1139. गीच gaueh, 400. गौंची gaunchi, 789. मौकी gaunchhi 789, 1074. गौडि gauthi, 848. गौठी gouthi, 848. गौंदा gaunrha, 784. गीत gaut, 848, 1144. गौत gaunt, 848. गौ तिकया gar takiya, 637. गौत दब gaut deb, 1145. गौती gaunti, 884. गौदान gaudān, 1347. गौना gauna, 129!, 1349. गौना के नेखार gauns ke near, 1349. गौर gaur, 1118. गौरी gauri, 93. गौला gaula, 236. मीसार gausar. 1153. पाम grām, 1455. याम देशोता gram deota, 1455. 1वार gwār, 1150.

# || \mathbf{H} gh ||

चि**ष**ी grihi, 1234.

चंडे ghai, 835.

चचा ghaggha, 1084.
चंचरा ghanghra, 743.
चचरी ghanghri, 34, 1088.
चंचरी ghanghri, 743, 1074.
चचर ghanghar, 743.
चटक ghatak, 1286.
चटका ghatna, 3191, 718.
चटरा ghatra, 1272.
चटिकन ghatiban, 1272.
चट्टा ghatha, 1272.

चड़ारी gh rrāri, 832, 910.
चड़िया ghariya, 530, 547, 554, 560, 621.
चड़ी ghari, 595, 776.
चड़ीची gharaunchi, 722.
चयट ghant, 776, 1422.
चयट ghanta, 776.
चन ghan, 97, 410, 552, 585, 858.
चन चक्रद ghan chakkar, 585.
चनमुधी ghanmudhi, 409.
चनवहा ghanbaha, 295.
चनवहा ghanvāha, 283, 295.
चनी ghani, 646.

घनैकी ghanaili, 646. चर ghar 268, 312, 853, 895, 1089, 1234. 1244, 1235, 1162. 1248, 1275, 1350, 1388, 1390. चरा ghara, 1234.

चरका gharka, 1250.

चर के लोग ghar ke log, 1275.

चरचरवा ghargharwa, 1173.

घर क्रिया ghar chhari,a, 1244.

चरनद्दे gharnaī, 232.

चरझो gharanni, 566.

घर पैसारी ghar puisāri, 1350.

घरबारी gharbāri, 184.

घर भरव ghar bharab, 1388, 1390.

घररा gharra, 271.

घररी gharri, 595.

घर इ gharhu, 1092.

चरा ghara, 1234, 1254.

घरामी gharāmi, 1244.

चरिया ghariya, 530, 547, 554, 557, 713.

चरिल gharil, 713.

चरो gharo, 1234.

चत्रधरी ghaithari, 722.

घलसारी ghalsāri, 722.

चलुका ghalua, 1483.

चसकड़ी qhaskasti, 1359.

चसतुरिया ghasturiya, 1119.

चसुचा ghasua, 1272.

चसुई ghasui, 1272.

घसई रोटी ghasui roti, 1272.

चार ghāi, 34.

चाच ghāgh, 1091, 1092.

चींचर ghānghar, 743.

षाचे ghāghe, 829.

TTE ghat, 1420.

Tief ghāton, 1456

चाउ ghāth, 1272.

चाडा ghātha, 1272.

चाति ghāthi, 1272.

चाडो ghātho, 1272.

चाँठी ghāntho, 1272.

चानी ghāni, 263, 444.

घार्गंड ghāmanr, 487.

चारौ ghāri, 1153.

चास ghās, 356, 868.

चास पात ghās pāt, 868.

चिड्रा ghinra, 1039.

चिटारी ghidhāri, 1308.

चिना ghina, 848.

चियौड़ा ghiyaura, 1272.

घिरचौ ghirchi, 335f.

चिरनई ghirnai, 595.

चिर्ना ghirna, 596.

चिरनी ghirni, 238, 595, 940.

चिरसाही ghirsardi, 722.

चिर्सिटी ghirsirhi, 722.

चिरसिखी ghirsindi, 722. चिर्सिर ghirsir, 722.

घिवक ghiwak, 140.

घिवक कड़्हा ghiwak karha, 140.

चिवक कड़ हो ghiwak karhs, 140.

चिवडी ghiwa hi, 140.

चिवची भाँडा ghiwahi bhanra, 140.

चिसिरी ghisiri, 722.

घो ghi, 1160.

चौव ghīw, 1160.

घोवर ghīwar, 1272.

चुगुरी ghuguri, 1272.

घुउचा ghuqgha, 741.

ब्रुघनी ghuyhni, 990, 1272.

घुँघनौ ghunghni, 990.

चुँचर् ghunghru, 759.

बुबुर् ghughuru, 77 l.

बुंबुर् ghunghuru, 771.

ar T ghunghur, 759.

वृत्री ghuchchi, 713.

wel ghundi, 612, 729, 767.

चनको ghunsi, 755.

**प्रमरी ∮**humii, 1177.

घोड्सहा ghorsaha, 1256.

चुमाएव ghumāeb, 830, 1098, 1332. चमान ghumān, 954. घुमीबा जाब ghumaud jāl, 646. बुरकहा ghurkatta, 292. ब्रची ghurchi, 335. चुरचीला ghurchila, 115. घूरनी ghurni, 940, 1177. चुरला ghurla, 136. चुरिली ghurili, 713. चुसिद्यावे ghusiāwe, 1446. चन्रा ghūa, 984. घूष ghūgh, 741. षु हो ghānri 729. घन ghān, 1074. चुनी ghuni, 1024. चूर ghūr, 848, 849, 873, 1247. 1400. चर व रटब ghūr kātab, १73. चुरी ghūri, 889. चेत्रुचा gheghua, 1173. चंबसी gkeb!i, 1000. चेरान gherān, 895, 1148. चेरानौ gherāni, 1148. चंबड़ा ghewra 1069. चेवारौ ghewāri, 832. चैंच ghench, 1073. चेर्ज gheral, 1485. **TIT ghera**, 895, 919, 1132, 1148,

1311.

चैतर ghewar, 1272.

चलवारी ghailsāri, 722.

चेला ghaila, 83, 303, 432, 713.

चेला ghaili, 713.

चौगरा ghongra 1100.

चौचकी ghonghri, 1074.

चौचपुलवा ghonghri, 1074.

चौचपुलवा ghonghra, 1100.

चौचवा ghonchwa, 1100.

चौचवा ghoñtāï, 1310, 1314.

चौचवा ghormuhāh, 1256.

चौड़िया ghoriya, 225 चीनसार ghonsar, 434, 485. घौनसारी ghonsāri, 434. घौरचाउर ghorjāur, 1272. घोरनारी ghorjāri, 1272. घोरमाहा ghormaha, 143. चौरार ghorāi, 639, १36. घौराठी ghorāthi, 114. चौरान ghorān, 895, 1148. घोरानी ghorāni, 936. चोच ghogh, 741. घोषट ghoghat, 741. चोचर ghoghar, 1458. चींचर ghonghar, 1100. चाँचा ghongha, 725, 1267. चोची ghoghi, 734, 737. चैंची ghonghi, 737. चोचो ghogho, 741. चें।चा ghoncha, 1100. चौंटब ghoñtab, 1310. चोटन ghotan, 1310. र्चे टा ghonta, 539. घोड़ ghor, 148, 1126. घोड़ बहुत ghor bahal, 148. ची **ए**। ghora, 1126. घोड़ी ghori, 386, 1126, 1127, 1258. चापा ghonpa, 987, 1100. चोर ghor, 749, 1126, 1161, 1166. 1272. चोरन ghoran, 639. चोरा ghora, 1126. घोरी ghori, 1126. घोत ghol, 1272. चोनी gholi, 1483. चीद ghaud, 379. att ghaur, 379, 1234. ख दारी ghyudhāri, 1308. घा ghyū, 138, 713, 719, 1160, 1272, 1308.

#### || च ch ||

चक chak, 629. चकटो chakti, 209 चकट chakath, 1225, 1227. चकती chakti, 209. चकमक chakmak, 1091. चनर्वान chakarbān, 585. चकरसान chakarsān, 538. चबरो chakri, 581, 619, 932, 1014. चकला chakla, 457, 629. चक्रवेहार çhakledar, 871. चक्रवर chakwar, 579. चकुला chakula, 619. चनेंड ehakaith, 573. चकोड़ा chakora, 1183. चकोड़ी chakori, 579. चकोबा chakola, 629. चकर chakkar, 360, 585, 590, 1112 चक्कस chakkas, 447. चका chakka, 151, 590, 1253, 1272. चकी chakki, 581, 590, 619, 1014, 1251, 1369. **चं**गनी changni, 1483. चेंगेरी changeri, 41. चंगेली changeli, \$4. चंगोर changer, 45. चित्र chaghus, 147. चचूस गाड़ी chaghūs gāri, 147, 150. चचरा chachra, 937. चचरी chachri, 1416. चचार chackār, 233, 937. TT chanchar, 1284. चचा घर chanchar ghar, 1234. **चटका** chatka, 735. चटकोषा chutkoha, 1004. TEST chaina, 1458. **434** chatni, 1272.

**TEIC** chatāi, 197, 751, 1450.

चटावन chatāwan, 1407. चिट्य (chutiya, 1453. **पट्या** chatua, 1458. चिनी chataini, 751. **चरे**ल chatail, 1073. चहा chatta, 1004. चहा घरिस है chatta dharis hai, चहान chattan, 1266. चही chatti, 317, 304, 319m, 456, 713, 750. चंड **ब** chathail, 1673. चिड्या chariya, 713. चिड्यार chariyār, 919. ' र्चीड्वा**इ** chanriwāh, 649. चढ़ chark, 1173. चढ्त charhat, 1085. चढ्ब charhab, 1024. चार्य charhāeb, 1308, 1378. चार्व charão, 951. च (ঢ charhi, 726 (footnote). चार chandu, 1034. चतरा chatra, 1074, 1105. चत्रावन chalāwan, 1456. चतुर्थी chaturthi, 1340, 1357. **चंदरीटा** chandraut**a**, १**७**८. चंदवा chandwa, 7, 183. चेंदिया chandiya, 209. चंद्रली chanduli, 7. चंहर chaddar, 323, 724, 730, 740, 1339, 1386. चनको chanki, 786. चनडोस chandol, 241. चगसर chanmar, 1251. चनवा chanwa, 269. **चनसर** chan**sur** , 1073. **TAT** chana, 1002.

चटान chatān, 751, 794, 1266.

चरका charka, 1138.

चनायक chanābak, 965c. चनी chani, 1003. चन्दन chandan, 778, 1318, 1391. चन्दन हार chandan har, 1391. चन्द्र chandar, 585. चन्दर कला chandar kala, 585. चन्द्र हार chandar har, 765. चन्ना channa, 1047, 1048. चपई chapaī, 136, 10 t3. चपक्रन chapkan, 729. चपटवा chapatwa, 1074. चपटा chapta, 735, 1037. चपोट chapot. 179. चपड़ा chapra, 1075. चपनी chapni, 492. चपरावन chaprāwan, 409. चपरौना chaprauna 409. चपरौनी chaprauni, 409. चबतरा chabutra, 317, 1243. चबेना chabena, 1272. चबेनी chabeni, 1272. चतकी chabhuki, 99. चमच chamach, 449. चमङ् chamra, 414, 1139. चमड़ी chamri, 719. चमस्कार chamatkār, 1056. चमरख cham akh, 319. चमरा chamra, ३६२a. चमाद्दि chamāini, 1400. चमार chamār, 4, 9, 1196. चमैनी chamaini, 1400, 1408, 1412. चमौटा chamauta, 383. चमौटी chamauti, 383. चन्पा champa, 138, 140, 765. चम्पा काकी champa kali, 765. प्रमच chammach, 449. चम्मज chamnal, 507. **TE** char, 1120. चरवानी charnni, 1479. चर्च charak, 597, 1183.

चरको charko, 1133. चरख charukh, 498, 540, 598. चरखा charkha, 339. चरखी charkhi, 329, 585a, 598. चरगोटिया chargotiya, 639 चरगोरी chargori, 31. चर्चसी charchasi, 821. चरँक्था charanchhiya, 1248. चर हिया charanch hiya पुरुषा chūlha, 1248. चरन charan, 93. चरना charna, 726. चरनी charni, 93. चरपतिया charpatiya, 1018. चरपतियो charpatiyo, 1018. चर्पालया charpaliya, 725. चरपार charpāi, 636, 1416. चर्पाय chapay, 2+3. चर्बन charban, 1272. चरबरधा charbardia, 1097. चरवा charwa, 1123. चरवाच charwāh, 1150, 1184. चरवासा charwāha, 845, 1150. चरवाची charwāhi, 833, 1152, 1205. चास charas, 1036. Test charsa 1 | 39, 1201. चर्या के गोदाम charsa ke godam, 1139. चर्सेरा charsera, 1500. परवेरी charseri, 1500. चराइ charāi, 1147, 1151, 1152, 1205; Appendix, 14. चरौंट charānt, 1147. चरी chari, 1144, 1183. चवा charua, 83, 316, 467, 713. चच्चे charui, 467, 713. चरेबा chariye, 1174. चरेका charaila, 1248. Tent Tout charaila chulha, 1248.

चवार chala, 1088.

चलता बटाम chalta batām, 404.

चनना chalna, 39, 325, 440, 606.

चक्नी chalui, 440, 604.

चनल chala!, 356.

चललइ chalalah, 1113.

चलाएव chalāeb, 817, 830, 941, 949.

चवां की chalānki, 519.

चंदे chale, 478.

चलीना chalauna, 346.

चनीनी chalauni, 56, 831, 346, 439. 416.

चबौंबी cha'aunsi, 894.

चर्चा chalha, 1155.

चैवरा chamwra, 1133.

चबदार chasdar, 742.

च इका chahka, 585.

चहरा chahta, 1458.

TETT chalbachela, 314, 316.

चह्न chahal, 787.

चाइ chāin, 59 1.

चा**डर chaur,** १६३, १६६५.

चाज chāu, 1084.

चाक chāk, 7%, 573, 62.

चाबर chākar, 1184.

चाक्त chākal, ६९३.

चाकी chāki, 1014.

चाकौटा chákaita, 126 .

चौंग chāng, 49, 895, 970.

चाँच chānch, 799.

चौचर chânchar, 1154.

चांचरी chānchri, 318.

चांचवाका chānchwāla, 1234.

चांचवाला घर chānchwāla ghar,

चौद्धी chānchhi, 1144.

चर châtai, 250.

चौड़ chânr, 117, 442, 949.

चौंचा chānra, 1≥59.

चौडा chānda, 1259.

चाँड़ी chānri, 24, 1259.

. चांड chāndu, 1034.

चातर chātar, 382, 646, 1105.

चाँद chānd, 226, 585, 762.

चाँद चरकी chand charkhi, 585.

चौंदनो chandni, 1178, 1235.

चाहर chādar, 585, 730, 740, 145.

चाहर पड़ाबीहार chādur pa ākedār, 585.

चौदिल chāndil, 816.

चाँदी chāndi, 7.

चान chán, 1088, 1091.

चांप ciamp, 816.

चाँपा chāmpa, 318, 749.

चाँपा बिख्या chāmpa bukhiya, 715.

चाँपी chāmpi. 136, 140.

चाबुक châbuk, 104.

चाभी chabhi, 1250.

चाभुक chābhuk, 99.

चाम chim, 414, 1139.

चार chār, 821, 1244.

चारपाद chārpāi, 636, 1131.

चार चास chār chās, 821.

चारा chāra, 1144, 1183.

चारि chāri, 1087, 1113.

चारो chāro, 1183.

चालन chālan, 866.

चासनि châlani, 410, 604.

चालसा chā sa, 914.

चासी chāli, 179, 233, 327, 129, 750.

चारहा chālha, 1155.

चावल chāwal, 963.

चास chās, 801, 817, 818, 819, 821, 823, 828, 1089, 1192.

चाचा chāha, 419, 527.

चाहिन chāhia, 741 (footnote).

चिड्री chiurs, 1272.

चिक chek, 1141.

चिकाट chikath, 1225, 1227.

चिकानकीर chikankaur, 1146. चिक्निक्सो chikanjibbho, 1148. चिक्ना chikna, 1045, 1160, 1166. चित्रनिया chikaniya, 1146. चिक्तनी chikai, 713, 786, 1183. चिक्नी मिडी, chikni mitti, 786. चिक्ती दाड़ी chikni hanri, 713. चिक्स chikas, 1272. चिक्स chiksa, 1272. चिक्रम chikkan, 786, 849n. चिक्कन मिटी chikkan, mitti, 786. चिकास chikkas, 1272. चिखरनी chikhurni, 867. चिखराई chikhurai, 869. चिचहोर chichhor, 1075. 1183. चिचिरा chichira, 1072. चित्रा chichura, 1072. चिचारी chichori, 1183. चिचोर chichor, 1075, 1183. चिचोरो chichori, 1075. चिचोरी chichoro, 1183. चिट chit, 726, 1464. चिट रा chitura, 1004, 1031. चिट्रा जागल है chitura lagal hai, 1004. चिट्टा chittha, 1464, 1483. चिही chitthi, 1344, 1464, 1487. चित्रसेसी chitarseli, 1073. चित्रा chitra, 1082, 1089. चिता chita, 1419, 1422. चिताबा chitāwa, 994.

1004.
चिहा chittha, 1464, 1483.
चिहा chitthi, 1844, 1464, 1487.
चिहा chitthi, 1844, 1464, 1487.
चिहा chittai, 1082, 1089.
चिहा chita, 1419, 1422.
चिहा chita, 1419, 1422.
चिहा chita chita serāëb, 1422.
चिहा स्वाप्त chitiyāëb, 1024.
चिहा chitti, 1024, 1891.
चिहा chitti, 1024, 1891.
चिहा chitti, 1024, 1891.
चिहा chinwa, 1183.
चिह्य chinwa, 1183.
चिह्य chiniya, 1005.
चिह्य chindhi, 165.
चिह्ना chinna, 991.

चिन्मी chinni, 1014. चिपटा chipta, 1037. चिपरी chipri, 852. चिमटा chimta, 516, 539, 567, 703, 711, 1033. चिमही chimti, 516. चिर्वहान chirakdan, 702, 1253. चिर्जुटवा chirkulwa, 1456. चिर्ज्जटवा पीर chirkutwa pīr, 1456, चिरचिरा chirchira, 1380, 1385. चिरचिरी chirchiri, 1183. चिर्ना chirna, 424. चिर मिची chirmichchi, 707. चिराक chirāk, 713. चिराम chirāg, 713, 1423. चिरामहान chirāgdan, 702, 711. चिराम बत्ती chirāg batti, 1423. चिरामा chirāga, 144]. चिरामाच chirāgāh, 11+7. चिरार chirar, 1418. चिरारी chirāri, 1418. चिरेया chirarya, 194, 967, 1082, 1086. चिरीशिया chiraugiya, 739. चित्रम chilam, 472, 713, 1026, 1034. चिजमचौ chilamchi, 699. चिजवन chilwan, 605. चितिपची chiliphchi, 699. चिकिमची chilimchi, 699, 711. चिनोक्षे chilohi, 73. चिनीं chilaunj, 605. चिनोंद chilaund, 605, 649. चिन्नीन chilaun, 605. चिस्तम chillam, 472. चित्रज chihal, 1375. चित्रज तन chihal tan, 1375. चित्रकार chihukar, 1098. चीक chik, 1141. चीन chin. 474. 475. 990, 991, 1084. चीना chīna, 991, 1074. चीनो chīni, 312, 1014. चीनो के करखाना chīni ke karkhāna, 312.

चोगी के मोहाम chīni ke godām, 312. चौंघो chīndhi, 165.

चीन्छ chīnh, 991.

चीप chip, 184, 427.

चौर chīr, 723.

ची। T chīra, 724, 1265.

चुन्रारी chuāri, 920c.

चुक chuk, 1084.

चुकड़ी chukri, 136, 713.

चुकनी chukni, 713.

चुकल chukal, 834.

चुित्रया chukiya, 249.

चुकीया chukana, 1220.

चकाइ chukkar, 372, 713.

चकार chukkar, 713.

चुका chukka, 136, 140, 146, 713.

चकी ckukki, 136.

चंचिद्या chuchuhiya, 1077.

चंटकी chutki, 417, 857, 1201, 1453.

चिह्रार churidar, 727, 749.

चिह्या churiya, 561.

चिड्डार churihar, 561.

चुड़ेस churail, 1458.

चराटा chunta, 567.

च द्री chundri, 745.

चुनरी chunri, 745, 1316.

चुनवहल chunwattal, 1267.

gasi chunha, 659.

चुनेटस chunetal, 1267.

चुनौटी chunauti, 659.

चुना chunna, 69, 659, 1267.

चनी chunni, 1272.

चभकी chubhki, 570.

चुभती chubhti, 570.

चुमाएव chumāeb, 1304.

चुमावन chumāwan, 1219, 1104.

चुमीना chumauna, 1279, 1304, 1312.

88 R. 1.

चुरिया churiya, 60, 568.

च्रिहार churihar, 561.

चूलको का chuljhonka, 303.

चुकार्व chulāëb, 855.

पुरुहोषा chulhancha, 303.

चल्हानी chulhani, 1248.

च्रिचा chulhiya, 1248.

चु बकी chuski, 1035.

चस chust, 727.

चहराव chuhtab, 1158.

च्हा chuhar, 1456.

च्छड़ मास chuhar mal, 1456.

चुहाइ chuhār, 1119.

चहानी chuhāni, 1248.

चूका chuānā, 1246.

चूत्रां नारव chi ana mārab, 1246.

चुना chūān, 578, 920c.

चूडे chūiñ, 920c.

चूए chūe, 1084.

चुका chūkī, 146.

चू रा chūnta, 516, 567, 703.

च्ँटी chūnti, 516, 539, 567, 1033.

चूड़ा chūra, 1272.

चुड़ी chūri, 571,

चूँ*६ chūrh*, 1250.

चून chūn, 659, 743, 1025, 1267, 1272.

चूनब chūnah, 1389, 1390.

चना chūna, 69, 1267.

चुना पेरल chuna pheral, 1267.

चूर chūr, 155, 256, 638, 768, 771, 977, 978, 1037, 1250.

चुरा chūra, 1272.

चूरी chūri, 768, 771.

च्ल chāl, 155, 638, 1250.

पुष्ट chálh, 1247.

पुरुद्धा chūlha, 312, 301, 485, 454, 1247, 1248, 1306, 1312, 1313,

1377.

चूरहा के घर chulha ke ghar, 312.

चोकर chokar, 894.

प्रक्त chūlhik, 1087. चर्डी chūlhi, 1247. पुरत्ती chulho, 1247. चेंगवा बंगन chengwa baingan, 1073. चे घरी chendhri, 165. चेपचा chepua, 1012. चेपड़ी chephri, 738. Tyst chephua, 290. चे बचा cherua, 713. चेरद cherui, 83, 713. चेनाखी chelkhi, 11. चेक्डवा chelhwa, 1155. चेको cheki, 1251. चे घी chenghi, 155. Tr chench, 1183. चेचक chechak, 1175. 🔁 z chent, 726. चेंद्रा cheñra, 1261. चेंद्री chendi, 165. चेंगी cheni, 165. चेन्द्री chenhi, 165. चेपी chepi, 1251. चेरी cheri, 11. चेचा chela, 1261. चेत chair, 1082, 1084, 1092. चेता chatta, ४०९. चैती chaiti, 1419. चेना chaila, 1261. चेंची chaili 11, 401, 1261. चोक्यो chokni, 452. चोकरा chokra, ६९4. चौशिया chongiya, 416. चोरबी chorni, 1117. TRUT chorsa, 403. चौराइ chorāi, 1336. Aite chorant, 1183. चोरांटर chorānta, 1183. चोराचे chorāwai, 763. चोहार chohāt, 1119. चोहेद chohair, 1119,

चोवन chokan, 46%.

चैकिर chonkar, 894. चोका choka, 452. चोखा chokha, 800, 1272. Tint chonga, 24, 881, 414, 510, 495. चौंगी chongi, 414, 510. चोट chot, 356, 408, 719. चौंटी chonti, 155, 761. चोद chonrh, 1117. चेदि chonrhi, 1117. चीत chot, 848. चेषा chontha, 1272. चीना chona, 270. चोन्ही chonhi, 155. चोप chop, 124. चौंप chomp, 124. चोपा chopa, 1012. चोभा choliha, 385. चोभौ chob/i, 13, 90. चोर chor, 572, 1173, 1184. चोरक chorak, 726 (fcotnate), 1184 चोरिक्को chorkilli, 929. चोर मटका chor matka, 1173, 1458 चोनी choli, 744. चोइंट chohat, 1456. चौरठा chauetha, 828. चौकठा chauktha, 754, 762. चौकठी chaukthi, 141. चौकला chaukla, 629. चौकेटा chauketha, 828, 857. चौगठिया chaugathiya, 828. चौरानी chaugans, 473e. चौगोधिया chaugoshiya, 725. चौगोड्डा chaugora, 31, 382. चौचडा changhara, 585f. चीर्चांव chaugānu, 953. चौचाव (chaughāwa, 953. चौठारी chauthāri, 1340. chauthaiya, 910, 1017, 1053. चौतरा chautra, 436, 722, 1243.

चौताना chautānu, 585. चौषारी chauthāri, 1340, 1891. चौथेया chauthaiya, 910, 1201. चौधरी chaudhri, 1452. चीपहा champatta, 1075. चौपातिया chaupatiya, 1018. चौपहल chaupahal, 403. चौपइल रेती chaupahal reti, 403. चौवमको chaubagli, '28. चौबटिया chaubatiya, 833. चौबधिय। chaubadhiya, 639. चौबरहा chaubarda, 31. 149. चौमकी chaumandi, 828. चौमसिया chaumasiya, 1008. चौरसर chaursa, 359, 403, 470, 531 557. चौरसौ chaursi, 557. चौरासो chaurāsi, 759. चौराहा chauráha, 833, 1221. चौरें डा chauretha, 1272. चौद्धा chauhatta, 544 चौद्या chaua, 736, 1094, 1489, 1490' 1495. चौंक chauk, 223, 828. चित्र chaunk, 1347. चौकड chaukath, 1250. चौक नार्न chauk nāran, 33. चौका chauka 549, 1247, 1426. चौको chauki, 30, 35, 36, 389, 457. 629, 635, 765, 830, 1378 चौंको chaunki, 30, 35. चौकी चुमाएव chauki ghumāeb, 830.

चौकीहारौ chaukidari, 1200. चौकेर chauker, 828. चौकोर chaukor, 1260. चौखर chaukhar, 1097. चौखरिया chaukhariya, 1097. चौखार chaukhār, 821. चौगेठ chaugeth, 828. चौड chauth, 1091, 1201. चौडो chauthi, 1088. चौंड़ chaunr, 1117. चौथी chauthi, 1381, 1391. चौथी की जोड़ा chauthi ke iora, 1381. चौंघा chaundha, 646. चौधार chaudhār, 1260. चौपड़ chaupar, 833. चौपत chaufat, 863. चौपहल chaupahal, 1260. चौपार chaspār, 1245. चौँपौ chaunpi, 713. चीभर chaubhar, 1095. चौमास chaumās, 798, 803, 858, 1006. चौमांख chaumās, 818. चौमांस जोतब ckaumāns jotab, 818. चौसख chaumukh, 833, 1307, 1329, 1374. चौर chaur, 77. चौँर chaunr, 784, 790, 920c. चौरंड chaurath, 1272. चौरत्ती chauratti, 1499. चौर्स रेती chauras reti, 403. चौरा chaura, 748, 775. चौरी chauri, 1272.

## 1 50 chh |

205, 208, 211, 212, 214, 211, 1118.

चौकीदार chaukidar, 1200.

छक्की chhakni, 654. छक्किन chhakuni, 103. छक्कड़ chhakkar, 1118. छगरा chhagra, 969. छगरएव chhagrāöb, 1115.

wart chhagri, 1121. हमोटिया chhagotiya, 639. TETE chhachhas, 1349. € किया chhanchhiva. 139. क्षा chhaia, 68. क्या chkaija, 179. क्टही chhatanki, 1500. **52** ₹ chhatank, 1497, 1498. कटियाएंब chhatiyeb, 1098. Ben chhatlan, 514. कही chhatthi, 1406. **53** chhath, 1442. क्ट बरन chhath barat, 1442. क्रि chhathi, 1406. क्रियार chhathivar, 1406. कडो chhathi, 1405, 1406. कड्डा chharra, 771. ETT chhara, 225. **531** chhari, 586, 654. SSIETE chharidar, 1450. क्रदोबा chharila, 468. क्त chhat, 22 र, 248, 1244. क्तवा chhatna, 45. क्तनी chhutni, 245. क्तरो chhatri, 213, 649. क्रतिया chhatiya, 192. हता chhasta, 1015, 1244. कशैव chhadant, 1118. क्राम chhadam, 1497. **57** chhan, 768. क्रमका chhanka, 1272. क्रनवर chhanna, 853. क्रनान chhanan, 713. **हतुवा** chhanua, 1130, 1165. ह्युका दूध chhanua dudh, 1165. Enter shanauta, 307, 3196, 456, 685, 711.

5 chhand, 768.

ent chhanna, 252, 442.

क्रन्थिंग chhanhiya, 1244. **छ्प** chhap, 1091. क्रपटा chhapia, 1074. क्रप्रवन्द chhaparband, 1218. क्परिच्या chhaprahiea, 1436. क्रपरा chhapra, 71. कपरी chhapri, 71, 1244 1245. क्षि chhapi, 1087. इप्पर chhappar, 796, 1241. क्या chhappa, 893. क्रविधया chhabadhiya, 639. क्रमासौ chhamasi, 1427. क्या chhaya, 1091. क्रकी chharki, 99, 111, 832. क्रकी बाजा chharki bālā, 832, क्रन chharan, 1246, 1262. क्राः chharra, 1266. कराची chharahi, 786. क्टि chhari, 573. **क्रिया** chhariya, 1244. क्षकटर chhalkatui, 1163. क्रवाको chhalki, 531. क्रमक्षेत्रा chhalchhabela, 1381. क्रवाना chhalna, 318. छ्लोनी chha'auni, 126. क्सा challa, 126, 132, 473, 769, 937, 1366. क्षानखरा chhallabakhra, 126. क्ष दार chhalleaar, 473. क्रवयन्त्रो chhawanni, 1479. क्रा chhahattha 737-क्रम्यो chhahatthi, 137. काई chhai, 1125. कार्डान chhauni, 1244. TITE chhaur, 849. ETT ehhae, 1088. क्षक्त chhakan, 654. क्राक्ष chhakun, 103. THE chhagar, 1121. क्रैंक chhanchh, 799, 138, 1166.

छाँकी chhanchhi, 159. काजा chhaja, 367. क्टांटन chhantab, 391, 888. काइ chhar, 356. क्राडा chhara, 1475 क्राइ chhari, 1113. Eld chhat, 1244, 1250. 1251. काता chhata, 1244. कानो के नारो chhati ke nare, 224. क्रांद chhand, 105. कार chhan, 105, (footnote), 110. क्कानन chhanan, 801, 918. कानी chhani, 853, 1051. क्टान्ड chhanh, 1244. कान्द्रो chhanhi, 1244. क्रापा chhapa, 534, 569, 871, 1148. क्काबन chhaban 372, 1246. क्कारन chharan, 1246, 788, 789. हारो chharo, ६६८. काल chha/, 132, 1224. छाल के ईंटा chhal ke inta, 1264. क्वालटी chhatti, 1264. **कालो** chhali, 1163. कारहो chhalhi. 1163. कावनी chhawni, 895. **छावा** chhawa, 1125. हाडी chhahi, 71. क्रियोसो chhioli, 1232. क्चिनिया chhichaniyan, 915. क्किलिया chhichhlahiya, 788. क्टिकन chhitkan, 103. क्टिकनी chhitkani, 1250. क्टिकनी chhitkini, 1250. tezat chhitki, 359. िह्टब chhitab, 855. क्टाइ chhitai, 1809, 1332. क्टिंट chhiti, 23, 99. हिट्डा chhitua, 859, 857, 858. क्टिंग chhītta, 64, 284, 801, 857. 858.

किट्टी chhitti, 367. क्तिना chhitna. 45. क्तिनी chhitni, 45. किनवा chhinwa, 943. किनुद chhinus, 1165. क्रिनुही chhinuhi, 1163. क्टिपकडा chhipkatta, 875. क्टिपनी chhipni, 56, 439 क्रिपली chhipuli, 678. क्सिड़ी chhimri, 994, 1001, 1004. क्सोद chhimoi, 1183. क्रिकना chhirkana, 915, िहरिहरा chhirhira, 284. किरिकानी chhirikni, 801. हिसको chhilki, 531. क्षिनो chhilni, 593. द्विताद chhilai, 1349. दिसा chhilla, 1407. किइली chhihuli, 815. Bt chh1, 444. æटिव chhintab, 855. क्टोटा chhita, 39, 43, 1033. क्टॉंटर chhinta, 857, 858. कोटो chhiti, 39, 43, 288. के दि chhinri, 1171. होप chhip, 414, 931, 1010. ह्योपा chhipa, 460, 680. क्रोपो chhipi, 1316. क्रीमिं chhimari, 994, 1004. कोमो chhimi, ६९४, 1001, 1004. क्कीरा chhira, 1074. कोरो chhiri, 1074. क्यो छनग chhua chhanna, 853. क्कि chhuchchhi, 350, 363, 414, 585a. 763. क्टन्की chhunchhi, 363. EEE chhuchhundar, 585f. wean chhutti, 912, 913,

1217, 1230.

liv क्टिश्वर chhutha, 1147. ह तका chhutka, 1402. इतका के कपड़ा chhutka ke kapra, 1402. chhu, 1451. क्रुअल chhual, 1458. ह्रुआ chhua, 853. हुँ हो chhunchhi, 414. **建**己 chhut, 912. क्र ट्रंस chhutal, 827, 878. छ टज खेन chhutal khet, 827. छ्रटल पटल chhutal patal, 878. क्रा chhura, 283. छ रो chhuri, 388, 470, 474, 583. **ET** chhuha, 853. क ही chhuhi, 853. क कि कि दि chheknihar, 871. क कहारी chhenkalri, 1288. To aga chhenkuhru, 1288. क् काइ chhenkai, 1335, 1352. क कीनो chhenkauni, 1335. छ जनी chhejani, 865, 866. क वचा chherua, 1112, 1121. क विकास chhewkan, 1272. छ वेषा chhewankna, 1272. क्टिव का chhenwka, 1007. क वनी chhcwni, 576. क्ट बनो chhewno, 576. **इ उद्या** chheua, 1022. देवन chhekan, 323. **55 51** chhenka, 1287, 1288. To sa chhejal, 865. **E** chhenri, 1074, 1173. **₹** chhcd, 156, 604. क ना chhena, 1163, 1272. ह्ना बाड़ा chhena bara, 1272. चने chheni 284, 413, 521, 557,

560, 624.

**a)** chhemi, 994, 996, 1001.

**छ र** chher, 954, 1121. हो रो chheri, 1116, 1121. **क्टेवन e**hhewan, 576. **इहे बब** chhewab, 379. के चर chhehar, 858. कें टा chainta, 44, 318. क टी chhainti, 43, 988, 369. क्रोटकी chhotki, 1276. क्रोपनी chhopni, 97, 1024. कोरना chhorna, 1010. क्रीरौगा chhorauna, 1250. क्कालनी chholni, 219h, 456, 555. कोसदा chholwa, 292, कोच्या chhoa, 1014. क्रोट chhot, 1217. ष्टोट सोग chhot log, 1217. होटि chhoti, 566. कोटि अक्दारी chhoti akuri, 566. क्रोटि ब धवारी chhoti bedhwari. 566. **建气 chhour**, 83, 505. कॅ 16 chhonrh, 83, 696, 718. होदी chhorki, 144. को दो chhorhi, 713. क्रोनी chhoni, 270. क्रोपा chhop 1, 48. कोपी chhapi, 48. कोर chhor, 116, 930. होरो chhori, 115, 116, 930, 1457. क्रोसन chholal, 873. कीविषार chhaunihar, 1244. **Et chhau**, 1084. क्रींकल chhaunkal, 1272. क्टीका chhaunka, 1272. क्रीकी chhaunki, 963, 1272. कीना chhauna, 1125. कौनी chhauni, 576, 1128, 1244, 1145, 1246. छौराउ chhaurath, 849. चौरो chhauro, 849.

# || **ज** j ||

चर्चे jai, 758, 768, 961, 962. जनेराद jakerai, 959, 1183. **चखाड़** jakhar, 775. चग jag, 1459. जगडोरी jagdori, 33. जात jagat, 939. जगदम्म ( jagdamma, 1175, 1456. जगरनिया jaarnathiya, 972. जॅमला jangla, 939, 1075. जंगली बावम jangli bawag, 858. जावरिया jagwariya, 870. जावारी jagwari, 870. 可ng jagah, 1234. जंचिया janghig 1, 464, 60 1, 727, 1328. चाँधिया बैसाएव janghiya baisaeb, 1328. जङ्क jangal, 813. **जङ्गी** jangi, 585d. जङ्गी बान jangi ban, 585d. ৰন্ধা jangha, 252, 431, 464, 605, 609° जचवेया jachwaiya, 1484. oral jachcha, 1398. जचा खाना jachcha khana, 1398. जनाती jujati, 913. जजाती बटार jajati batai, 913. चटहा jataha, 1111. चटहावा jathawa, 1111. जटो मसौ jata masi, 468. जहां jato, 1111. जटहन jathhan, 805. जड़ jar, 362 , 1010. जड़ खर jar khar, 101।. जड़ब धना iarbandhna, 119. जिंदिया jariya, 1010. जहा jari, 1010. जतका jantkulta, 624. जतवा jantwa, 619. Tatti, 517.

**Tel** jaddi, 1215.

जही jaddi, 1214. जन jan, 293, 842, 844, 874, 990, 1184.

जनजीर janjir, 198.
जनजीरा janjira. 590.
जनमें चा janpaincha, 846.
जनम गेंड janam yenth, 1331.
जनम गेंड janam genth, 1357.
जनम पतर janam patr. 1343.
जनम पतर janam patri: 1348.
जनमाखा janmasa, 1320.
जनवाँसा janwausa, 1320, 1322, 1326, 1327, 1337, 1338, 1339.

जनाजा janaja, 1431.
जनाना janana, 1251, 1275.
जनान किंता janana kita, 1254.
जनानी घोता janani dhoti, 740.
चनि jani, 1088.
जनिका janika, 235 (footnote), 394, 604.

**जनिह**ा jiniha, 1681. **जन** janu, 1113. जने डच्या janeua, 736. **जने**ड janeu, 736. **जनेर** janer, 985. **चनेरा** janera, 983, 985, 1144. **ज**नेव janew, 736. चनीर jauaur, 1186. जन्त jant, 169, 221. जन्तरी jantari, 961. जन्नी janni, 1275. जन्तो jantrı, 386, 517. जपती japtı, 1231. जब jab, 959, 961, 990, 1084, 1113. जब केरबा jab kerwa, 959. जबही jabai, 1231. जब ब डा jab butta, 959.

**जब**रा *jabra*, 77, 85.

जमकाड jamkath, 925. जमरिया jamariya, 956. जमवट jamwat, 925. जमा jama, 1463a, 1468, 1472. iamakharch, 1463d. जमाखरच 1468c, 1472; Appendix, 16.

जमावन्दी jamabandi, 1468c, 1472; Appendix, 15.

जमामार jamamar, 1477. जमार jamar, 1075. जमार ग्रहार jamar garar, 1075. जमान jamal, 1045. जमाब खानी jamal khani, 956. जमाब गोटा jamal gota, 1045 जमालो jamuli, 456. जमाच jamao, 116°. जमाद दशो jamao dahi, 1163. जमा वासित बाको jama wasil baki, 1468c, 1472.

चिम्हार jamidar, 904. जन्द jamui, 1163. जम्रा jamura, 404, 411, 517, 385. जमरो jamuri, 517. जमोट jamot, 925. जमीचा jamaua, 639. चम्र jambur, 388. **TRIE** jamhar, 1075. चम्हरा jamhura, 404, 411. चर jar, 1010, 1201, 1210. जरदे jarai, 862, 982. चरकट्टा jarkatla, 87 ई. TET jarkha, 339. जरखोर jarkhor, 1180. बर चौट jar chauth, 1201. षरहोरनी jarchhorni, 875. जरकोरा jarchhora, 875. बरटया jarathua, 1013 चरत्या तेन jarathua tel, 1043. जरहोज jardoj, 502.

चर पेश्रमी ठीका jarpeshoi thika. 1210

**जरराच** jarrah, 384. जर समन jar saman, 1210. चासघा jarsudha, 238. जशायव jarael, 1416. जराइ jarah, 384. जिंद jari, 115 (footnote), 444. जरिया jariya, 370, 1008. चरिया के जख juariya, ke ukh, 1008. जरी iari, 798, 1006. जरौ खेत jari khet, 798. जरु वा jarua, 1043. जवचा तेल jarua tel, 1043. जरवा सोरा jarua sora, 370. जरेन jaren, 1166. जल jal, 1091, 1451 जलकर jalkar, 1232. जल की julki, 789. जल खर्द jalkhar, 1268. जलखर jalknar, 1145. जलहरी jalkhari, 41, 650. जलखावा jaikhawa, 1268. जलघेराव jalgheraw, 1268. जलधर jaldhar, 923. जलधरी jaldhari, 697. जलपरवाच jalparwah, 1428. जनपातर jalpatar, 775, जलात jalpan, 1268. जलम चार jalamhar, 283. जलवा jalwa, 130, 1384, 1385. जलवा देव jalwa deb, 1385. जनवैया jalwaiya, 1458. जनहोर jathor, 973. जनाना jalala, 939. जनासेन jaiasen, 1453. जिया jaliya, 87. जरीबी jalebi, 585. जलोतसर्ग julotsarg, 1459. Jalla 647, 650, 1092, 1145. जवसद्या jawsadha, 238. चवा jawa, 748, 765.

जवाइन jawāis, 1078. जनस्कार janakhar, 1272. जवामोहा jawā gotā, 765. **जंबाय** jañwāy, 1274. जनारा jawara, 961, जवारी jawāri, 758. चनाच jawās, 1085. **जसरिया** jasariya, 965f. चरेर jaser, 940. चर्या jasodhā, 238. **जह**ं jahn, 655. **पर** jahar, 938. जहरबात jaharbāt, 1179. जहरवार jaharbād, 1179. **पर** च ja hej, 1283. जाइकी jāich hi, 625. जाइड jāith, 346. जाइज jāil, 860, 1132. जाई jāi, 833, 1092. जाउर jaur, 1272. जारे jāe, 1087, 1088. जाएव jāeh, 1078, 1132, 1173. 1174, 1486. **चा**ची jāo. 1087. **जाब** jāk, 893. जाकड jākar, 1480. जाका jākar, 1482. चागर jägar, 965b. चागीर jāgīr, 1200, 12096. चागीरहार jāgirdār, 1200. जासे jāge, 1026. जीवा jānghī, 609, 1328 चौंचा बें बाएव jāngha haisāeb, 1828. जांच janch, 1485. जांचब jānchab, 1484. जाँच मिलान janch milan, 1485. जांच जेव janch leb. 1485. जार्जिम jājim, 750. जार jāt, 917.

चाटि jāti, 917.

88 R. & J.

чтв jāth, 256, 273, 846, 917. जािंड jāthi, 830, 917. जाड jār, 1092. जा**डा** jāra, 1083. जात jāt, 1089. चौत jānt, 443, 625, 928. जाता janta, 443, 581, 619. जाति jāti, 1217. चार् jādu, 1453. चार् गर jadāgar, 1453. जान jan, 719, 790. जानिथ jānathi, 356. जागा jāna, 915, 844. जानिमाच janimāj, 751. जानिहार janihar, 1416. जाप माजा jāp māla, 781. जापरी japhri, 770. जाब jāb, 91, जानता jābta, 1474. जाबता साइजोग jābta sāh jog, 1474. जाबर jābar, 1272. जाबा jāba, 91. जाबी jābi, 94. जाम jām, 678. जामा jāma, 732, 1371, 1379, 1381, 1382. जाम न jāmun, 1272. जान्हर jāmhar, 1075. चाय iāe, 250, 356, 414, 572, 604, 1084, 1272. जाय नेमान jāy nemāj, 751. चार्व jārab, 1416. कारत jā!, 616, 1094. **जालहार** jāldār, 1236. भाषा jāla, 69, 224, 647, 713, 1074, 1145. कासो jāli. 87, 94, 646, 650, 748. **जालीहार** jālīdār, 1236. जावर jāwar, 1400. **चाँ**वर *jäñwar*, 1400. जावा *jāwa*, 758, 987.

जासर jāsar, 1037. चास् jāsu, 1033. जाह jāh. 790, 1142. जिङ्कतिया jiutiya, 1447. जिन्ही jikri, 1447. जिसरी jigri, 1487. जिमार jigga, 757, 768. चितिया jitiya, 1447. जिन jin, 1458. जिनवी jinwan, 1075, 1183. **चि**निस jinis, 1470e. जिनिसंबार jiniswār, 1468a. जिनोरा jinora, 983, 985, 987. जिन्हार jinhar, 1075. जिबदान jibdān, 1457. जिन्दि jibiya, 275. जिम्मा jibbha, 711. **જિ** અને *iibbhi*, 1173. जिभवडा jibhsatta, 1173. जिभिया jibhiya, 275. जिमेका jibhela, 363. जिसिदार jimidār, 1208. निमिदारी jlmidari, 1207. चियता jiyata. 649. **विया** jiya, 1457, जियादान jiya dan, 1457. विरतिषा jiratiha, 1184. चिरात jirāt, 903, 1040, 1221. **रिज्ञार** jildgar, 586. जिस्दर्क jildband, 586. जिसवे या jilwaiya, 1458. जिनवेया के इच्छन jilwaiya chhūal, 1453. चिका jila, 539, 1040. विवादार jilādār, 1040. विवासान jilā sān. 539. जिवेविया jilebiya, 473. चित्रे विया क्रुलपी jilebiya kulphi, 478 विवेदी jilebi, 1272. जिक्केया jilaiya, 1458.

जिनार jiwgar, 851, 922. जिवगर पानी छाबि गोस jiwgar pāni ābi gel, 922. जिवगर शोरकाध्र व साधील jiwgar hoë la dhur baisāöl, 851. चिस्ता jista, 335h, 706. जिल्ला jihla, 363. जिन्दे जा jihela, 363. जीए jīë, 1026. **जीगर** jīgar, 800. जीता jīta, 645. जीभा jībha, 275. जीयत jīyat, 645. **जीयल** jīyal, 933. जीरा jīra, 972, 1073. जोरा jīra, 975, 1073. जुकार juāth, 14, 194, 938. जुग jug, 1023. जारा jugra, 1183. **जुजन्** jngnu, 765. जुनवी गृंधगुंळां, 1208. जुजवी श्विसेदार jujui hissedar, जुड्राडी jurguro, 1183. चुड़िनोर् jurailin, 1310. चुडल jurailu, 1310. जुता jutta, 735. जुनेरी juneri, 121, 122. चुन्ना junna, 120. ज्याङ jūar, 193, 938. च्या jūa. 14, 194, 443, 621, 1391. ज्*ग jūg*, 1483. 📆 jūr, 1449. जूड बोतज jūr sital, 1449. जुडु चितत्तक चिपाची jūr sitlak sipāhi, 1449. चुता jūta, 735. जता गोर सगार jūta gor lagāi चुता चोराद्र jūtā chorai, 1386.

जूता jūta, 735. जुना jūna, 96, 120, 122. जूर jūr, 1183. जुही jūhi, 585. जेकरा jekra, 1020. जेटन्स jethans, 1214. जेडकी jethki, 1276. जे**टरी** jethri, 1276. जेटरेयत jeth raiyat, 1217. जेटहन्स jethhans, 1214. ज हुआ jethua, 379, 1021, 1228. जे ठौठी jethauti, 1214. जे हीती jethauti, 1214. ज वनार jeonār, 1345, 1426. ज वादन jewāin, 1073. जैवाई न jeñwāñin, 1402. जे je, 967, 1025, 1085, 1087, 1091, 1092. **जेकर** 1ekar, 1086. ਚੇਰ jeth, 1082, 1092. जेडो jethi, 985. जेड jer, 1.124. जेब jeb, 77. **जेरपार** 1erpāi, 735. जरबन्द jerband, 226. चेता jel, 1124. **জ** ব jemw, 966. ज वर jemwar, 115, 398, 415. चेन्डा jeshtha, 1082. जैहाही jaidādi, 1224. **₹** jai, 962. जती jainti, 961. ज तुक jaituk, 1283. जे जो jaintri, 517. जेबी jaibon, 1087. **ज यह** jaiyad, 800. चैया मिर्चा jaiya mircha, 1073. जीवटी jokti, 1171. **जोगनिया** jogniyān, 870.

**जोगाएव** jogāeb, ८७०.

লীভা**ঘৰ** jorāeb, 1404. লীনিছ • jotiha, 829. **जोंघरि**या jondhariya, 987. जोंधरी jondhri, 985. जॉन्हरी jonhri, 985. जिन्हिया jonhiya, 155. **चो**रवा jorwa, 378. जोबद्दा jolha, 355, 256, 990. जोजि**दिनी** jolkini, 356. जोलाचा jolāha, 355, 356. जोर्साहा josānda, 963. **जो** jo, 959, 961. বা jon, 1084, 1087, 1090. जौंका jonka, 13, 233, 1011. जाँको jonki, 13, 1171. **जाखेसरा** jo khesra, 959. जोग jog, 1343, 1474, 1457, 1487. **षोग** टोन *iog ton*, 1457. जोग भिलन iog milab, 1343. जोग मिलाएव jog milāeb, 1343. जाँगा jonga, 967e, 970. जोगी iogi, 782, 1092. ज़ोड joth, 938. जोड़ jor, 1331. जोड़ा jora, 625, 735, 1096, 1381. जोड़ी jori, 149, 451, 941, 1096. जोद्दी jorki, 1129. चोत jot, 226, 825, 821, 1009. বানৰ jotab, 817, 818, 1098. जोतल jotal, 817, 1098. जोता jota, 18, 116, 196, 642, 818, 930. जोता बाबग jota bāwag, 818. जोती joti, 18, 120, 145, 196, 116, 117, 398, 413, 470, 642, 642, 930. **जो**न्ही jonhi, 155. **जोब** job, 1183. • जो बुद्धा jo butta, 959. जोर jor 108, 110, 115, 1088. जोरम joran, 1162.

जोरा jora, 128, 1145. जोरू joru, 1275. जोरो joro, 110. जोरा joha, 270. जोररी बरम jauhri barm, 1456. जो jau, 356, 444, 959, 960, 961, 1000, 1089, 1504. जो jauñ, 1084, 1087, 1088. जोतराद jau kerāt, 959, 960, 1000, 1183.

# जींद्रा jaunrha, 184. जी मटरा jau matra, 959. जीरा jaura, 1194, 1204. जीरी jauri, 115, 120. जीसन jausan, 767.

जौगा jauga 969.

नौनी jauji, 1275.

## 11 7 jh 11

स्त्रुको jhakhuli, 815. मामार jhaggār, 935. भाषा jhanga, १९६. भाउमार jhajjhar, 713. का भारा jhanjiara, 307, 3196, 456, 685. भ भिया jhan/kiya, 835. माटका jhatka, 184, 190, 191, 205. 224. मेंटबी jhantni, 887. महस्र jhatha, 41. mate jhatahab, 876. भाइचा jhatsa, 894. मरें jhatai, 55. भट नी jhalaini, 57. भड़ था jharsa, 53. भागवा jhanak, 1174. भागकाट jhankat, 1251. भागकाचाता jhanakbāta, 1174. भागकवा ह jhanakwāh, 1174. **अनका** jhanka, 1174. भागकीट jhankaut, 1250. भापट jhapat, 655. भापना jhapna, 79, 562. भाषान jhapan, 957.

भाकार jhakna, 84.

भकार्य jhakaeb, 876. भाखरी jhakhuri, 815.

भ पिया jhampiya, 45. भावरा j'abra, 1110. भावची jhabhi, 136, 713. भाविया jhabiya, 767, 770, मान्या jhabba, 770. भाष्य\_jhabbu, 100. क्तमङ्गे jhamri, 995. भार jhar, 878, 980, 1075. मार्वास्थी jharkanti, 815. सरका jharka, 679, 1074, माखाएव jharkhāeb, 876. भ रेगा jhanrga, 967f. भा राता jharnga, 878, 1075. भारभारायल jharjharāel, 876. कारना jharna, 57, 401, 440, 456, 606, 685, 711. भारना रन्दा jharna randa, 401. करनी jharni, 428, 747. भारहा jharha, 815. मरी jhari, 1088. भारका jharua, 878, 1183. भाजमर्दन jhalmardan, 965d. भावादिया jhalariya, 985. भावाची jhalsi, 121. भावास jhalås, 121, 815, 1481. भाविष jhānkab, 1405. भौखी jhankhi; 57.

भौत jhāng, 896, 995.

भौका jhāunjh, 685, 776. कारिका jhanjha, 1272. भाटिन ihāntab, 887. भौटा jhānta, 57. भाँडी jhānti, 815. माड माड jhār jhūr, 1446. भाड्नी jhārni, 866. भाडका jhārua, 53. भाड्य jhāru, 53, 57, 465. साँप jhāmp, 45, 50, 467, 554. भाषिय jhāmpan, 554. भाषिना jhampna, 554. भाषा jhāmpa, 45. काँपी jhāmpi. 45, 657. भावर jhābar, Illo. स्तास jhām, 27, 602, 1264. कामा jhāma, 27, 591, 1264. भामो jhāmo, 1264. कार jhār, 815, 655, 995, 1075, 1183, 1250. भारत jhārang, 878. भारक jhārang, 1075. भारन jhāran, 980. कार्य jhārab, 58, 887. entet jhāra, 815. भारि jhāri, 58. भारि भारि देव jhāri jhuri deb, 58. भारी jhāri, 432, 688, 689, 713. भारों के रन्दा jhāri ke randa, 402. भार jhāru, 56. भाक jhāru, 439. भारे jhāre, 655. भाष jhāl, 776. भाजर jhālar, 590. काचा jhāla, 1024. भावन jhāwan, 1477. · भाषा jhānwān, 1264. Mazi jhikta, 793. िसक्टिया jkiktiya, 793. **Anazi** ihikti, 793, 794, 1262. सिन्नटोर jhiktaur, 793.

सिनाड़ा jhikra, 793. **सिकडो** jhikri, 1262. िनकरौर jhikraur, 793. स्मिग्नी jhinguni, 1069. िक्तगुकी jhinguli, 1069. भिका jhinga, 1069. िमाट को jhituki, 1262. िमहो jhitti 99, 149, 196, 1096. िनमकी jhimki, 742, 745. िक्तमिया jhimjhimiya, 764. स्मिरवर jhirwa, 1075.• िक्या jhiruwa, 1075. मरीचा ihirawa, 1075. िकालिया jhiliya, 1272. सिक्षी jhilli, 1074, 1272. भौंक jhink, 622. भी का jhinka, 622. मों का jhinka, 622. भौरौ jhīrau, 1075, 1183. सोस jhīl, 790. भावाता jhukta, 645. माटका jhutka, 1262. भाटकी jhutki, 1262. भार jhund, 1124. कानको बौर jhunks bir, 1456. कास्त्रवा jhunmmak, 764. **कारगी** jhurni. 866. भारि jhūri, 58. **क्तुलग**े jhulni, 763. माड jhūr, 1446. म् *ह jhūnr*, 1124. म्मक jhāmak, 764. भार jhur, 815. भूत jhūl, 133, 1431. भाषा jhūla, 744. मुख jhūs, 799. **भ्तुषी** jhūsi, 799. क्तारा jhengta, 896. भागां ihengra, 937. <del>कॉगरा jhengra</del>, 896, 995,

माँगी jhengi, 973. माँगरव jhonkral, 1080. माँगड़ा jhompri, 879, 1234. माँगड़ी jhompri, 71, 878, 1234. मोबाइब jholāi!, 1080. माँग jhonk, 196. भोर jhor, 789, 832, 1001, 1272. भोरब jhoral, 876. भोरा jhora, 41, 734, 781, 647, 832 भोरो jhori, 507, 647. भोख jhol, 1116. भोखा jhola, 41, 133, 134, 647, 1080 भोखो jhola 133, 134, 647.

### 11 3 5 11

टक्तना takna, 482. टकसास to ksål, 1488. **टकडो** takhi, 1198, 1479. टका taka, 1479, 1497. टक्या takua, 3 के0, 499, 518. टकोरो tak ıuri, 462, 610. टका takka, 1500. टेंगना tangna, 649. ट्रामी tangni, 3 4, 613, 619. Znav tangbah, 363. र गारी tangāri, 86. ट गारी tangāri, 395. टॅमनी tanguni, 988. टेगीर tangaur 49, 895. **ZT** tanga, 395. टटघर tatghar, 1234. टहचानी tatuāni, 1126. टरीयर talaughar, 1235. **Est** tatti, 381, 585, 1051. 1250. टही जीजुमर tatti lilu phar, 585. 25 tattu, 1126. टेंचा tanrna, 276. **टॅंड्जा** tanrua, 792, 9**5**4. टपका tapka. 1246. टपका मार्व tapka mārab, 1246. ष्पार tappar, 319m. टरनाइ tarwāh, 857. टर्चुई tarsūi, 24.

इरिया tariya, 713, 767.

टनहा talha, 161. टलाइ talāh, 161. उलु**चा** talua, 161. टहरा tahra, 1125. टहरी tahri, 136. टॉक tānk, 372. टाक्र tākar, 372. टाका tāka, 1113. टॉगर tāngab, 624, 1422. टॉग**इ** tāngah, 363. टोंगा tānga, 224, 395. **Zini** tāngi, 395. टौगुन tāngun, 988. टाट tāt, 129, 319, 1051, 1486. टाटो tāti, 1051, 1084, 1234, 1250. टाँठी tānthi, 682. टाइ târ, 713, 784. zię tānr, 784, 788, 790, 857. टाइंग tāra, 713, 1011, 1074. टॉड़ा tānra, 1074. टाड़ी tāri, 713. टॉफ़ी tānri, 24, 328, 784, 1074. टाप tāp, 48, 50, 646. टापा tāpa, 48, 50. टापी tāpi 48, 50, 646. टार *tār*, 24, 767, 857. टॉर tānr, 857. **टार्व** tārab, 857. टारी tāri, 857.

टाल tāl, 161, 784, 853, 890, 894, टाली tāli, 1263. रिकडी tikthi, 318, 1416. रिकड़ी के सकड़ी tikthi ke lakri, 226. टिकरी tikri, 466, 1272. टिकिया tikiya, 1272. टिकुला tikula, 1272. हिका tikuli, k47, 762. दिकोदा tikorha, 1272, 1449. टिकोर tikor, 793. रिकार tikkar, 791, 793. रिखटी tikhthi, 567. टिपकारि tipkāri, 1246. टिपहार tipdar, 1208, 1217. टिपना tipna, 480. टिपनी tipni, 867. टिपनी tipuni, 482. टि**ब्सी** tibbhi, 1009. टिभिया tibhiya, 987.

टिस्सी *tirri*, 1074. रिक्हा tilha, 791, 793.

टिल्हा टाका tilha tākur, 793. टोक  $t\bar{\imath}k$ , 69.

टोकब tīkab, 240.

टोका tika, 1400.

टोडी tīri, 1074.

होनी tini, 1183.

टीपन tīpan, 1348.

टौप्र tāpur, 793.

ट इ या tuñiya, 713.

टकरो tukri, 1272.

ट्राना tungna, 958.

ट्रानी tungni, 875.

ट टाइ tutāh, 1094.

टनकी tunki, 1074, 1177.

ट.चाँ tuān, 713.

Z tūin, 713.

टूब tāk, 723.

र का tūka, 1272. ह गाव tungab, 624. हर tūt, 922, 1094. ट्र गोल tūt gail, 1094. टटन tūtan, 1265. ट्रंड tünr, 958, 961. दूँड़ा tūnra, 961, 958. ट्रम्स tūsal, 604. ਟੋ **ਕ**ਠੀ tekthi, 318. टेक्नी tekni, 464. हे बानी tekāni, 167,169, 173, 174,

175, 176, 179, 182, 184, 189, 200, 203, 221, 222, **46**4.

ट काच्या tekua, 350, 499, 518, 589. टे ब्रारी tekuri, 518.

टें कली tekuli, 518.

ट कौरी thekauri, 462.

टॅक्तो tekti, 461, 508.

टेटखी tetkhi, 226.

टेंड् आ teñrua, 243.

टेपटो tepta, 842, 1097.

टेपाइ tepāi, 319j.

ट बचा terna, 243, 1252,1256, 1257

टे ह्या tehra, 713.

टॅचरी tehri, 136.

टेहान tehān, 1120.

ZE tent, 726.

टेनी teni, 1011.

ZHI tembhi, 957.

**Z** HT tema, 96.

टर ter, 1017, 1110, 1113.

टोकड़ा tokra, 44.

टोकड़ो tokri, 44, 49, 369, 895.

टोकहार tokdār, 1040.

टोकना tokna, 669.

टोकनी tokni, 97, 261, 867.

टोटका totka, 69, 1457.

टोटमा *totma*, 69, 1457.

टोटरम totram, 1457.

टोटवॉ totwān, 69.

टो दिया tontiya, 713.

होटियारी tontivāri, 1262. टोडिया toriya, 1265. टोन बट tonkat, 286. टोनकडा tonkatta, 286, 293. टोनखाद tonkhād, 281, 298, 1008. **टोनखाचा** tonk!:āwa, 1008. टोनिकडा tonikatta, 293. टोनियाठी toniyāthi, 281. टोनियारी toniyāri, 281, 298. टोनियासी toniyāsi, 281, 298. टोपना topna, 413. टोपरा topra, 832, 838. टोपरी topri, 832. टोरवाच torwāh, 857. टोइया toiya, 1246. **टोक** tek, 1040. होक्ब tokab, 866, 867. उन्ह thakar, 106. ठब्रा thakra, 68.

हों हा tonta, 1010. हो दी tonti, 388, 1262. El tor 948. टोंड tonr, 857. टोहा tora, 768. होन ton, 1457. होना tona, 69, 933, 940, 1008, 1457. होनी toni, 288, 1008. टोप**प** topar, 895. टोपन topan, 413. टोपी topi, 398, 725. टोर tor, 9, 24, 857. टोर tonr, 857. टोर जागाएव tor lagaeb, 857. टीरा tora, 9. टोरी tori, 857. होच toka, 1049. s.o.

# 11 3 th 11

ठकरी thakri, 747. ठवादा thakwa, 464. उब्हरिया thakhariya, 837. उक्क्या *thakua*, 1272. टम thag, 1486. टहर thatar, 1250. उ**टरा** thatra, 1051. **उडरी** thatri, 213, 245, 247, 318, 646. उन्हों thathri, 1059. ਰਤੇਵ thather, 986. **333** thathera, 548, 983, 986. उड रो thatheri, 548, 558. उटेरो thathero, 896, 983, 987. उपनाता tharbata, 233. उडिया thariya, 473.

उदाद tharhain, 828. डिया tharkiya, 828, 1033, 1073, 1183, 233, 473. उपा thappa, 533, 569, 590. उमरा thamra, 1158. ठरपचरा tharpachrā, 251. **BEET** tharra, 123, 858. उरिया thariya, 1033. उस thas, 800. **उचा** thasa, 533. उस्सा thasea, 533. उद्घर thahar, 1247. उद्दा thakea, 1114. हाइंड thāinth, 1158. ठाइ है चोएब thainth hoeb, 1158. डाक्ट thākur, 383, 407, 975, 1208. ठाकार भोग thakur bhog, 975. डाट thāt, 585, 1244, 1245.

र्दांडी thänthi, 682. BIG tharh, 26. BIGI tharha, 26. हामे thāme, 115 (footnote). डारिक thārik, 834. **Bia** thānw, 747, 1247. ਰੀਚ thāns, 534. ठासा thāsa, 534. विकड़ा thikra, 511, 793. ठिकांडिया thikariya, 1263. डि∓रा thikra, 563. ठिकराइ thikrāhu, 79%. डिकरिया thikariya, 7:3. डिकरी / hikri, 1262. िवारील thikraul, 793. डिकार thikkar, 563. डिंगुरिय। यस thinguriyaël, 1076. डिया thisa, 404, 408. डिलिया thiliya, 432, 713. \* ਰਿ**ছ**। thiha, 404. Blant thikar, 793. डोका thīka, 1040, 1210. ठीका के जोज thika ke lil, 1040. ठीकेहार thikedar, 1210. ठौकेदारी thikedari, 1210. ठी चा thincha, 45. होशा thī/ia, 101. 408. उड़ा thu/tha, 957. त्या thunthā, 987. उनका thunka, 385. हुर्रो thurri, 1272. उदियायक thuriyāel, 1076. दुडर thūtha, 1107. सरी thūri, 1272. रेडका theüka, 953. डेक्नी thekns, 464. हेक्स thekrā, 106, 613. डेक्वा thekwa, 89, 464. देखाचा thekun, 1272. Bill thekuri, 1250.

88 R. & J.

टॅमना thengna, 464. टेंगणी thengni, 654. डेंगुनी theaguni, 651, हेंगु रो thegunri, 654. डेचनी the ghni, 362. ठॅघनौ thenghuni, 654. उँठिवास thenthiwal, 319. र्टेडिवाल नाइ thenthiwal nad, 319. उवका thewka, 952. **ठेहरौ** thehri, 236. उच्चा thehua, 389. उन्ना thehunā, 1010. ठेह्नौ thehuni, 654. उद्देश thehunen, 1159. डेक thek, 77, 764. उक्र thekar, 1 6. डेका theka, 108, 434. डंकी theki, 401. ठेक्स thekur, 106. रंग theng, 654. ਰ **ਸ**ਾ thenga, 654. होगी thengr. 654. ਰ**ੋਗ** thentha, 2,825. उँठ। के जीत thentha ke jot, 825. उँडो thenth, 2,29. उँठी कोदार thenthi kodar, 28. उपौ thepi, 401, 81. **डेल** 11ती, 236. उंदा theha, 91, 325, 286, 404 408. 527, 1141. उंचा thaicha, 45. ਰੌਥਾ thaincha, 45. डोक्ना thokna, 600. डोकरा thokra, 106, 1075. डॉडियारो thonthiyari, 1074. डोपारी thopāri, 1015. डोकव thokab, 853, 1484. डोकर thokar, 106. डोक्स thokal, 853. डोरी thori, 1872. **होंचा** thonsa, 534.

#### 11 5 d 11

**डगर** dagar, 941.

स्मार्न dagran, 106.

SILAT dugarna, 459.

ENTI dagra, 41, 47, 603, 714.

स्मादिन dagrin, 1400.

Enel dagri, 44.

हंगीनी dungauni, 887.

स्थाते daggi, 1130.

**EST** danga, 996.

स्वराय्व daghrāëb, 1098.

डंटकी dantki, 1024.

**इंट्रका** dantuka, 896.

स्टीका dutauka, 654.

चंदवांस danrwâns, 375.

**चंदिया** danriya, 154, 225, 247.

de danier, 833.

संस् दा danrera, 225.

संबंदी danreri, 919.

खडें इरे darenii, 225.

**इट जा** darhua, 1043.

चा तेल darhua tei, 1043.

चंद्री dandhers, 188.

**EUCI** danta, 191, 213, 223, 236, 247, 335a, 414, 431, 508, 510 654.

tael danti, 60, 415, 455, 335a 888, 1024, 1315.

चाटो होवब danti danwab, 888.

TE THE dand kumandal, 782.

416, 611, 931, 940, 1250.

wat dands, +15, 508, 598, 644.

सपटन daplan, 306, 457.

**TUZI** dapti, 305.

स्पानो daphāli, 1456.

**चब**री dabre, 713.

चवल dabal, 1000.

चवल केराव dabal kerāo, 1000.

**डक्ही** dabhi, 137.

डब बु dabbu, 319 g & l, 305, 434, 450, 458.

डब्बू dabbu, 683, 711.

डभकल dabhkal, 1272.

डभका dabhka, 1272.

डमकी dabhko, 1066.

डमको damko, 68.

डमकौबा damkaula, 68.

डमरडाक damardāk, 1456.

डमार damār, 848, 852.

डमारा damāra, 848, 852.

डमहीबा damhaua, 68.

हम्प damph, 29.

**डम्हरी** damharo, 1076.

**डर** dar, 1075.

**डंरक्स** danrka∗, 376.

डलमक्ता daljhakno, 1381.

हतनी dalni, 641.

**डिंक्या** daliya, 44, 28↓, 442.

**डहरा** dahra, 1125.

डहराय्व dahrāëb, 1098.

डहरी dahri, 1125.

खाइ dáï, 417.

डाइन dāin, 1453.

डाक dāk, 1084, 1085, 1088, 1456.

डाकानी dākni, 156.

डाकिनौ dakini, 1088.

खांग dāng, 103, 654.

Sine dangar, 1094, 1183.

siz dānt, 880, 896, 983, 987, 990, 1024, 1183.

हांटा danta, 896.

चांटो dānti, 896, 983, 987, 990, 1483.

ভাব dānth, 880, 896, 990, 995, 1024.

**Ti**♥ dānr, 237, 792, 838, 954,1010.

डांड्र dānrar, 198. ष्टांष्ट्र dānra, 376. wied danri, 75, 60, 247, 335a. डाढ़ी dārhi, 1037, 1161. **डाबर** dābar, 792, 832 **डावा** dāba, 137, 713. **डाभा** dābha, 450. डामी dābhi, 815, 957, ~001, 1075, **~**1183. **डाम** dām, 1066. **सार्व** dārab, 1350. डाल dāl, 1347.

डाल होरा dāl daura, 1347.

डाखा dāla, 44, 325, 1347. डाली dāli, 44, 45, 1194.

**डॉ**स dāns, 415.

डॉसन dānsan, 390.

**ETET** dāhi, 726 (footnote), 868.

डिटोरी dithauri, 1045.

**डिडिया** diriya, 1073.

डिक्या मिरचाद diriya mirchâi, 1073.

हिंदीर dinror, 66.

(set) dinds, 994, 1001, 1004,1017, 1029.

िखडी सामल है dindi lagal hai, 1001.

(Eu) diphi, 1009.

िष्या dibra, 563.

खिबरी dibri, 713.

**रिश्वया** dibiya, 535, 658.

डिब्बा dibba, 658.

(534) dibbhi, 957, 986, 994, 1001. 1018.

**डिस**र dilla, 793.

**चिह्ना** dilli, 478.

िम्सिस dismil, 1499.

डिच्चार dihwār, 1203, 1434, 1438. 1456.

िश्वार पूजा dehwār, pūja, 1434. चित्रांस dihāns, 784, 790, 1226.

िक्की dihi, 1218. डॉ**डा** dinra, 784a. डॉ**ड़ो** dinro, 784a. डॉंड़ो dinri, 994, 1017. ভীৰ  $d\bar{\imath}b$ , 547. **डीवा** dība, 658. डौभी  $d\bar{\imath}bhi$ , 986, 994. **डों री** diñri, 100 t. डील dīl, 95, 790, 791, 793. **डोला** dīla, 95, 788. **होटो** d.lo, 95. होह dīh, 784, 790, 793, 796, 1234. डंड्या duñriya, 1107. ड्रफा duppha, 1272. ड्र**ब्सा** dubbha, 677, 690. ड॰भी  $dubbh\imath$ , 1018. डवा dāba, 1458. डूबो गेसै dubo gelai, 14:7. डेडिंप्सि deurhiya, 1479. €361 d urhi, 1254. हमोद्धा deorha 1479. **ड**गची degchi, 448, 711. डॅगोनी dengouni, 887. डेंड्रीका deñ auka, 1010. ਵੇਰਪਵੀ derhpatta, 730. बढपदो dherputti, 730. **डेटसेरो** derh×eri, 912, 1500. इ**ढिया** derkua, 1183. हेटौरा जोर derhaura jor, 110. **डयोरा** deyo a, 1075. डेहरी dehri, 77, 310, 1436. n deg, 711, 1491, 1492, 1495. **डॅग** deng, 103. हैं गो सक्छा dengi machkua, 232. Et derh, 473, 712, 1127, 1475. डें कौचा de h k una. 792. हा खन्हा derh khamha, 473. डें पेसे रुपैया derh paise า paiga, 1479.

डेटा derha, 1479.

SE derhi, 1475.

**₹**¶ deph, 957.

डेफ निकसस deph niksal, 957. Thi dephi, 957. **TT** deb, 1101. चंभन dhebhan, 40. डेर der, 1110. ett dera, 1236, 1237, 1254. eal deli, 44, 46, 319f. देवा dewarh, 1117. चेंचा daiya, 1453. **डोकनो** dokni, 717. TET dondha, 734. जीभरा dobhra, 633. डोरबन्धा durbandha, 363. **डोहरा** do/ra, 319h, 305. डोहरा dohri. 462. **डोइला** dohla, 319%. होश्रा doa, 450, 718. चोद doï, 449, 718, 138J. **डोएट** doët, 231. **डो**ड्या (do#a, 718. डोकी doki, 44, 661, 718. **Till donga**, 450. **で**有 dhak, 1499. ए किंदिया dhakdhakiya, 68. 713, 717.

**Eis** donr, 646. **ETET** donra, 17, 734, 889. होंडी donri, 646. ভীমৰ dobhab, 857. होभा debha, 310, 857, 864. डोम dom, 1:19. डोमा aoma, 786, 996. डोमा करैंस doma kurail, 786. डोर dor, 113 115, 117, 949. Ell dori, 115, 1.7, 145, 216, 362 39 -, 425, 470, 475, 642, 748 949. डोरीड dorik, 359. होरोक सर dorik sar, 859. डोरो doro, 1020. होत dol, 691, 695, 720, 924, 929, 1290. डोज कार दे dol karhui, 1290 डोली doli, 241, 247. डोवे dole, 1087. डोइट dohat, 231. डोहर doher, 794. चोटो duorhi, 828. पोटा dyaurha, 1092.

#### 11 3 dh 11

ण का कार्या dha kdhakiya, 68.

जिना dhakna, 84, 541, 700, 711, 713, 717.

जिनो dhakni, 438, 713, 1422.

जिना dhakiya, 44.

जिनो dhanchri, 585.

जिना dhattha 352A, 896, 983, 956, 987, 990, 1153.

जिना dhatheru, 986

जिना dhaidha, 1468c, 1472; Appendix 14.

जिना dhapna, 79, 700, 711.

जिना dhapauna, 562.

प्रवास dhabdhalwa, 68.
प्रवा dhabri, 787.
प्रका dharka, 1168, 1173.
प्रका dharki, 363.
प्रविद्या dharnihār, 943.
प्रवी dharni, 564.
प्रवी सक्का dharni akuri, 564.
प्रवी सक्का dharnua, 215, 224.
प्रका dharrua, 215.
प्रवास dharewālu, 561.
प्रका dhakaua, 68.
प्रवी d ahi, 67
प्राक्ष dhākani, 713.
प्राक्ष dhākar, 1164.

टाका dhāka, 44. **ढाकी** dhāki, 44, 1055. 6141 dhāko, 1234. ttat dhāncha, 585. GIB dhāth, 895, 1132, 1153, 1416. **GIST** dhātha, 96, 724, 1132. tiet dhāntha, 362A. ঢ়েৰ্ dhāra, 560. TIT I dhārha, 731, 1080. tit 1 dhārhi, 1080. **ाव** dhāb, 787. हाबनी dhābli, 1000... GIAT dhaba 1242. Бін dhābh, 1004. दावन dhārab, 1451. **ारा** dhāra, 532. **ढाव्या** dhārua, 224. Gimi dhāla, 197, 216. ा जुन्मा dhāluān, 224. **ढाँकी** dhānsi, 1173. GIT dhāh, 792. हिन्दी dhibri, 325, 417. िमका dhimka, 713. हीट से dhīdhāri, 1308. होबर d i ibar, 790. ट रका diurka, 918. GET dhulla, 894. द्वमार dhusmār, 1098. চ (सयाएव dhusiyāëb, 1098. र सियाचा dhusiyaha, 1098. ₲ 9 dhūs, 1098. t a dhūns, 10 8. ঢুৰ মাৰে dhūs mārab, 1098. ए स मारव dhuns marab, 1098. द्भार dh usa, 1098. ए बा मार्व dhasa mārab, 1098. 5 & diuk, 791, 793. 5 T d. ūhi, 791, 793. र कवांच dhenkwāns, 66. G 4 WI dhenkua, 256, 274 726.

द क्यास dhekuās, 66. र कला dhenkula, 928. दिक्दा dhenkuha, 274. हें बुया dhebua, 1497. हे मनौ dhemani, 1280. **िरिया** dhenriya, 1073. र्देशिया मिरचाइ dheñriya mirehā? 1073. र जमाम dhelmās, 66. द्वा dhelwa, 1156. र जवा गोसाँद dhe'wa gosaïn, 1458. ह सर्वांस dhelwan, 66. र लहा dhelha, 1456. ढे लड़ा पौर dhelha pīr. 1456. ट लौरी dhelauri, 66. **G** an dhenk, 291. 6 का dheka, 608. **ढ का** dhenka, 256, 261, 274, 608, 726, 1250. ढ की dhenke, 431, 464, 603, 524, 1250. ढ क्ला dhenkul, 608, 928, 931. 6 6 dhenrh, 1017. 6 6 t dhenrhe 994, 996, 1001 10 4. 1029, 1017. ट ँटी लागन है (or बा) dhenrhi la jal hai (or ba), 1001. **ট** न dhen, 1154. िन के दुध dhen ke dūdh, 11 €. देन dhenu, 1114. **उँ**पो d'empi, 1051. हेमा dhemā, 541. र री dheri, 82, 849, 890, 852, 893. टोलना dholna, 765. िमना चौकी dholna chauki, 765. जिसवा **र** dhoswah, 949. जेका dhoka, 1125, 1265. **ঢाँगा** dhonga, 372. ctc dhonrhi, 1017. होसी dholi, 1053, 1054, 1055. जीस dhos, 949.

#### || T t ||

<sup>্</sup>লত *t*^, 356, 363, 829, 833. ส*ิ tañ*, 1451. सक्दें takrai, 1090. तका taklo, 741 (foot note). त्रक्या takiya, 637. तकेया lakeya, 637. तकर takkar, 1272. तखतपोस takhat pos, 635. तखत रवाँ takit rawān, 241. वक्ता takhta, 222, 414, 457, 467, **475**, 587, **8**32, 1214. तखती takhti, 222, 587. तखाना takhana, 1241. तमधरो tugdhari, 491. तगही taghi, 108. तगाइ tagār, 430. तमाड़ी tagāri, 39, 430, 714. तमार tāgar, 430, 1014. तमावी tagāwi, 1187, 1190. तङ tang, 226. तङ्को tangi, 128 (foot note), 130. **de** taj, 1381. तड्क tarak, 223, 1252, 1257. तद्वद्व tartarwān, 241. सङ्का tærāka, 585b. तंतवा tantwa, 355. तत्रियायल taturiyaël, 1076. संदूर tandūr, 446. सन tan, 1375. सनाव tanāw, 390. तिनका tanika, 1056. तन्द tanur, 416. तना tanni, 642. तपनाच tapnāh, 800. त्व tab, 356, 893, 1088, 1114. तक्जारी tabjāri, 1201. वन्य tabay, 1084. **dana** tablak, 1466.

त्तवाक tabāk, 711, 718. संबाख tabākh, 711. त विया tambiya, 3191. तमधन tamphail, 693. तमचेता tamphaila, 693. तमनी tamni, 865, 867. समहा tamha, 689, तमहेडी tamheri, 275. तमाक्रपरीध tamākupharosh, 464. तमाञ्चल tamakul, 1021. तमाञ्जावाचा tamakulbāla. 464. तमाञ्जलवाला tamākulwala, 464. तमाक्र lamaku, 1021, 1-26, 1452. समान taman, 727. तमासा tamāsa, 128, (foot note), 356. त्रिया tamiya, 319g, 372, 670. तिमयाँ tamıyan, 3191. तम्बेश tamhera, 556. तर tar, 1234. तर् tarai, 751. सरकडी tarkatti, 378, 713. तरकारी tarkāri, 1073. तरकी tarki, 764. त्रकींका tarkonka, 107 .. त्य tarakh, 26. तरक्र tarchha, 50. त्रको tarchhe, 39, 126, 606. तर्**ज्या** larjüa, 610. तर्ज्ये tarjui, 47, 462, 555, 640. तर्जु tarju, 640. तर्भार tarjhār, 858. तरनगर tarangar, 1252. तरपचरा tarpachra, 251. तरवृत्र tarbūj, 1064. तरब्का tarbūja, 1064. तर्यानी taryāni, 788. तारा tarra, 1493. त्व taral, 1272.

तरका tarla, 474.

तरवार tarwar, 655.

तर्स देख'tarsaīl, 93°.

तरसिवाद tarsiwāi, 7४2.

तरमेला tarscila, 14, 938.

तरसोबा tarsoa, 92?.

तरहरा tarahra, 1241.

तर हा tarha, 1493.

तरागोतसरग tarāgotsarg, 1459.

तराजू tarāju, 47, 462, 555, 640.

तराय tarāy, 761.

तराश्ची tarāshi, 1411.

तरी tari, 788, 789, 792, 901, 914, 960.

तक taru, 726 (foot note).

तरेर tarer, 1262.

तरेरा tarera, 225, 1246, 1262.

तरेनी taraini, 461.

तरेख क taraila, 12.

तरें ली tarai/i, 12.

तरोइ taroï, 1069.

तरीटा tarauta, 620.

तरीड़ी tarauri, 284.

तरीना tarauna, 49, 461.

तरीनी tarauni, 461.

तकाइ talāï, 916.

तसाव talāo, 916.

तलेया talaiya, 916, (foot note).

तवाटा talauta, 620.

त्तवक tawak, 226, 765.

तवा tawa, 676.

त्रवत tasat, 711.

तसत्री tastari, 678, 711, 713.

तसमई tasmai 1272.

तसमा tasma, 226, 415, 470.

तसलवा laslawa, 664.

तसला tasla, 664, 666.

तसकी tasli, 665.

तस्सर tassur, 1490.

तहखाना takkhāna, 1241.

तद्ववारी tahabjāri, 1201.

तहबन्द tahband, 726.

त**हबील** tahbil, 14636.

तहमह fahmad, 726.

तक्षिलहार /ahsildar, 1208.

तहाँ tahân, 655.

तकी tahi, 726, 739.

ताद tāï, 676, 713.

तास tākh, 1263.

नाका tākha, 1253.

ताखी tākhi, 725.

लागा tāga, 123, 1383.

साँगा tānga, 178, 214, 224.

ताज taj, 725, 1272.

ताज खानी tāj khāni, 1272.

ताड़ tār, 379, 1092.

ताड्य tārab, 1484.

ताकी tāre, 378, 379, 713.

साँत tant, 113, 335d.

atal tanti, 355.

atal tanto, 355.

ताघी tādhi, 784b.

तान tān, 224, 245, 249, 322.

तागा tānā, 363.

तानि tāni, 1234.

त्मनी tāni, 358, 642.

तानी करव tāni karab, 358.

ताबद्दान tābdān, 1249.

बाँबा tāmba, 668, 1451.

तामब tāmab, 865, 867.

तामा tāma, 319h, 343.

तामिया tāmiya, 319g.

सामिया रवकापुर, उ199. सामी tāmi, 670.

ताँमी tāmmi, 372.

ताभ व tārbhūj, 1064.

तार tār, 326, 379, 1084, 1456;

Appendix 14.

तार्य क्या tārak chhaja, 68.

तार्ण taran, 1252.

ATET tara, 585d.

सारी tāri, 379, 999, (foot note).

तारीखवार tarīkhwār, 1470.
ताल tāl, 916.
ताल tāla, 1250.
ताल tāla, 1250.
ताल का tāluka, 1207. 1283.
तालुकाहार tālukādār, 1207.
तालुकाहारो tālukādāri, 1207.
ताल काहारो tālukādāri, 1207.
ताल tāwa, 289, 455.
ताला tāwa, 226, 676, 711, 860, 922.
ताला टूट गेल tāwa tūt gel, 222.
ताला टूट गेल tāwa tūt gel, 22.
ताला चंकरां, 754, 765.
ताल काले tāsan, 362.
ताल काल संब tāsan karab, 362.

ताहि lāhi, 1234. तिउनी tiuni, 783. तितनो titli, 1183. तितो titli, 1074, 1075. तितोइ titoi, 1183. तिनका tinka, 1310. तिनको निया tenkoneya, 833. तिनस्रको tinkhandi, 768.

तिनजौन tinjānt, 926.

तिनद्दा tindara, 1236.

(तननगर tinnaga, 768. तिनपस्की tinpakhi, 1427.

तिनपसी के पिखा tinpakhi ke pinda, 1427.

तिनपतिया tinpatiya, 1153. तिनपहत्त tinpahal, 418. तिनपहत्त tinpaua, 1500. तिनपस्ति tinphasila, 803. तिनपस्ति tinphalla, 418. तिनसरा tinphalla, 418. तिनसरा tinsera, 1500. तिनसरी tinseri, 1500. तिनपर tipāi, 638. निरतिया tirtiya, 1444.

तिरपंड्ना tirpahla, 418. तिर्पार tirpāi, 319j. तिरपाच tirpāl, 182. तिरपाच tirphāl, 418. तिरमुक tersūl, 1112. तिराँदी tirānti, 1039. तिराती tirati, 1424. h ( tirij, 1468a and b, 1469, 1470, 1472. तिरिन खनरा tirij khasra, 1471. तिरिच जिनिसवाद tirij jiniswar, 146t a. 1470; Appendix, 5. तिश्वि ताशेखवार tirij tarik war, 1470; Appendix, la. तिरिज पटे वाशी tirij patewāri, 1468b. 1471; Appendix, 11. तिरिच मोपरीइ tirij mophrid, 1470, 1471. ানহিল মালছকা terij moihaki, 1472. तिरिच कालित tirij laggit, 1470. 1471; Appendix, 10a. तिरिज वासित वाको tirij wāsil baki, 1472. तिशी tire, 363. तिस til, 1084, 1423. तिसक् tilak, 1987, 1289, 1318, 1429. तिलक्तरी tilkatri, 1272. तिसक्षेड्या tilakdeua, 1318. शिलक इस tilkahru, 1318. तिनक्रष्ट tilkut, 1272. तिषठी tilthi, 896. तिसदानी tildani, 734. निवारी tilri, 765. तिलांज्य tilanjur, 1428. तिलां चर देव tilanjur deb. 1423. तिवाडो telāthi, 8.6. तिकिकिया tilikiya, 1318. तिकिया tiliya, 799. तिविद्या कोढी tiliga korhi, 799. तिजीरी tilanri, 1272.

तिसक tillak, 1318. तिस्तो tilli, 592, 1045. तिसर्जोरी tisjauri, 1272. तिसरिया tisariya, ६४2. तिसरी tisri, 842, 907. तिस्याउर tisiyāur, 1272. तिसियौटा tisiauta, 768. तिसीर tisaur, 884, 885. तिचेवा tihaiya, 907. तीच tīj, 182, 183, 200, 1443. तौतिर tītir, 1088. तीथा tītha, 937, 952. तौन līn, 953, 1006, 1088, 1089. तीन ठेडका tīn theuka, 953. तीन पटावन तेर्ह को इन tin patawan terah koran, 1006.

्**ती**नि t**ī** ni, 1089. तौन tinu 393, 1025. तीनो tino, 1486. तौयन tīyan, 1073. तोर tīr, 1456. तीरच tīrath, 1460. तौल tīl, 1045, 1089. तोकी tīli, 498, 502, 592. तीसी tīsi, 356, 1045. तक्मा tukma, 729. तुम tum, 1087. त्मड्री tumri, 782. त्मा tumba, 715, 782. तमा tumma, 715, 782. तरपर्दे turpaī, 748. तरहा turha, 1456. त्राद turāi, 731. त्रक turuk, 999 (footnote). त्लंगड्रा tulangra, 170. तलबुसी tulbulli, 996. त्ताची tulsi, 414, 977, 1183, 1451. त लग्नी तांबा tulsi tāmba, 1451.

त्वसी फल tulsi phūl, 977.

88 R. & J.

त्वा tula, 1090. तुलाइ tulāi, 222. त सावा tulāwa, 167, 168, 187, 188, 204, 221, 222. ਰ / ਪਿੰਜ, 1084. ন ু নৰ tūnab, 334. ন ু নৰ tunuab, 334. त्मन tūmab, 334. त्मा / ūma, 715, 782. त्र /#r. 333. त्रत **वा** tūrai ba, 240. ন ্ৰ tūrab, 1024. त राज tūral, 240. त्र ture, 1486. ਰ੍ਰਥ *tūl*, 640, 1470. ন আছ *teāh*, 1278, त कानी tekāni, 173. ते क्ना tekuna, 1059. ते क्रा tekura, 907. न करी tekuri, 907. त कली tekuli, 907. तं खरा tekhra, ६२०. तेखरी tekhuri, 907. ते घांव teghānw, 953, ते घा at teghāwa, 953. ते बत्ता tejatta, 926. तें तरी tetri, 1397. तेतला tetla, 204. त तिवा tetaliya, 204. तेतार tetar, 1183. ते तारी tetari, 1188. तिता tentula, 204. ते घरौ ted hri, 1097. त धुरा tedhura, 1097. से पर्दे tepai, 633. तं पखी tepakhi, 996. ते पहल tepahal, 319j, 418. ते पाद tepāi, 633. त पसा tepkallā, 403. सं विदा tebida, 1278.

ते रहा terra, 959. त जचट telchat, 1074. ते बहुी telatthi, 926. ते सभौड़ा telbhānra 663. सं जरी telri, 765, 1039. से लक्का telhanda, 663, 713. तेल इन telhan, 1045. त जद्दन तीसी telhan tīsi, 1045. ते जहाँड़ी telhānri, 713. ते काय telāya, 713. ने जिया teliya, 786. ते जिया केवाल teliya kewāl, 786. ते वारे tewāre, 1098. त वारे जोतन tewāre jotal, 1098. ते सरी tesri, 907. **ते बरो** tesro, 1007. ते ऋरावन tehrāwan, 820. ते कर tekar, 823, 1086. त खार tekhār, 820. तें गा tenga, 1294. तें जी tenji, 1039. तेतर telar, 1397. ते प्रका tephal, 403, 418. ते रह terah, 1006, 1088. त त tel, 347, 1043, 1045, 1308.

ते त चढाएव tel charhāeb, 1378. ते तो teli, 255, 572. ते बर tesar, 1007.

1378, 1458.

pāni), 1007.
ते यार taiyar, 1118.
ते तो tainti, 757.
तोड़ाएब torāëb, 888.
लाबड़ा tobra, 184, 227.
तोरना torna, 5856.
तोरियट toriyath, 896.
तोरिया toriya, 1119.
तोरियान toriyāthi, 896.

तीसर (or तसरे) पटावन (or पाना)

tesar (or tesro) patāwan (or

तो to, 1091. तो **गर** togar, 569.

तोड़न toran, 1042.

तोड़ब torab, 240, 981.

तीड़ा lora, 757.

तोर tor, 664 (footnote). तोरी tori, 823, 1045.

तोना tola, 1498, 1499.

तोसक tosak, 637.

तौलाइ taulāi, 914.

तौ taun, 1087.

तौनी launi, 733.

तील taul, 1118.

तौचा taula, 69, 143, 319i, 368, 378, 437, 713.

तीलो /auli, 665.

चितिवर tritibar, 1278.

त्यौ tyon, 737.

### ॥ य th ॥

चक thak, 1034.

चकरो thakri, 747.

चक्रा thakuraī, 867.

चक्रा thakka, 531.

चनमार thanmār, 1477.

चने वियाहो thanaileyāhi, 1395.

चनी thānaili, 1395.

चमरी thapri, 137, 713.

चपचा thapua, 654, 1262. चम tham, 500. चमने thamni, 613. चमचा thamua, 1259. चम्हुंचा thamhua, 1259. चिद्या thariya, 680, 460. चहां thalla, 500. चर्हें thawai, 420, 1264. धहराज thahusal, 1094. पाक्त thākal, 657. थान thān, 1455 यापी thāpi, 282, 307, 424, 431. चारी thāri, 460, 680, 681, 682, 1316, 1401, 1408. चारो बनाएब thāri bajāeb, 1401. चाल thāl, 713, 460. ध्कहा thukha 1173. **ए नहीं thunhi**, 940. युक्ता thumbha, 363. इस्मी thumbhi, 363, 1259. ष्ट्रजा thūa, 1048. धून thunu, 500. ष्ट्रची thūnhi, 1256, 1259. षु *thūm*, 363.

चेया thaiya, 318. चेर thair, 1118. हेला thaira, 734. चेली thaili, 734. चेली thaili, 734. चेली thorli, 359. चो tholri, 359. चोन thok, 531, 1214. चोड़ी thori, 359. चोप thop, 177, 189, 249. चोर thobh, 189, 192, 204, 221. चोर thauk, 531. चोरा thauk, 531. चौरा thauna, 500, 1247. चौसल thausal, 1094.

घौँसा thaunsa, 1094.

### ॥ इ व ॥

हर्दे dai, 1295. दिखनशा dakhinha, 1074. द्खिनाचा dakhınāha, 1074, 1160. दिखिनाचाच्य dhakhināhaghyu 1130. दगरार daydar, 1076. हमध कर्ब dagadh karab, 1416, 1419 दमनी dagni, 359. दर्गार्न dagrin, 1400. दमली dagli, 224. इँगाउ dangāth, 1079. द्शियाच dagiyāl, 1004. इक्टिनो dachhini, 1057. इंडिमी darimi, 1272. द्दाचा darhiya, 346. हत dat, 1196, 1197. दंतकमरा dant kamra, 984. इतनर dantnar, 1173. दतभोजनौ datbhojni, 1197. इत्ञन datuan, 747. इंतुमा dantua, 216. इ तुना dantula, 73.

दिखीरा dadiouro, 1299. दिहर dadihar, 1299. दिहार dadihār, 1299. दिहाल aadihāl, 1299. दननाउर danjāur, 1272. दिनयासी daniyāli, 585d. दनौरी danauri, 1272. इन्त dant, 568, 1113, 1173. दन्त जहर dant lahar, 1173. दफतरो daphtari, 586. दफदरी daphduri, 586. दबकान dabkan, 81, 309, 713. द्वटा dabtha, 549. दबनौ dabni, 398. दबलिया dabliya, 1000. द्विया dabiya, 439, 583, 1141. द्विला dabila, 439. दबोद daboi, 1267. दबौटा dabauta, 322, 398. इम dam, 145. दमकडो damkatti, 913,

हमका damka, 196. इमड़ी damri, 1497. इमदमाचा aamdamācha, 472. इमहरिया damhariya, 44. हमाद damāo, 913, 1471. दमाव महा damāo galla, 1471. इमाची damāhi, 887. इम्मी dammi, 472. हर dar, 1220, 1↓79. दरखोज darkhol, 1153. द्रव daraj, 748. हाजी darji, 393, 748. दरपतनी darpatni, 1211. द्रपन darpan, 383, 765. दरबन्दी darbandi, 1220. दरमाद्वा darmāha, 1185. **दरमी** darmi, 965c. द्रयाबादी daryābādi. 769. दररा darra, 1272. दरवजा darwaja, 1254. दरवच्चा darwajia, 1249. दरवाजा darwāja, 562, 1249. दरसनी darsani, 1487. दरस्या darsüdha, 238. दरस्या के मिलया darsudha maliya, 238.

हरा dara, 1272.
हराज darāj, 248, 401.
हरी dari, 750.
हरींची darānchi, 1249.
हर्स् darūd, 1432.
हरींची darainchi, 1249.
हरींचा darainchi, 1249.
हरींचा daroiha, 1289.
हरींचा daroia, 1249.
हरींचा darauja, 1249, 1254.
हज्जों dalki, 789.
हज्जोंची dalpithi, 1272.
हज्जोंची dalpithauri, 1272.

दलसम्बा dalsagga, 1001, 1272. दलहो परी dalhi pāri, 1272. द्वान dalān, 1239, 1254, 1388. इलाली dalāli, 147 l. इवड् dawar, 921 दवन dawun, 832, 954. दवर aawar, 235, 941. द्वात dawāt, 713, 1034, 1442. द्वात पूजा aawāt pūja, 1442. दर्वा की dawanhi, 857, 889. इस das, 711. इनकरम daskarm, 1425. इसगरहाँ dasgardan, 1476. दसगांतर dasgatr, 1425. दसपना daspana, 711. इसवाँ daswān, 1423, 1425. इसहरा dasahra, 1381, 1393. दसद्वा को जोड़ा dasahra ke jora, 1381. दन्हरा खाना dasahra khāna, 1393. दसाही dasāhi, 1425. इसर daser, 940. इसादी dasaurhi, 1250. दसौढी चौकाठ dasaurhi chaukath. 1250. दसीत dasaut, 1358. दस्त dast, 711. दस्तारहों dastgardān, 1476. दस्तपनाइ dastpanāh, 711. दस्ता dasta, 335h, 706. दस्तो dasti, 585, 720. दस्ती क प्या dasti kuppa, 720. इस्त्रो dasturi, 1474. इड्डो dahri, 713. ETT dahār, 912, 1080. दहार महार dahār mahār, 912. ef dahi, 1162. इंडिइक dahiak, 1198, 1203. दिख्याक माँगन dahiak mangan, 1198. दिश्व dahin, 817.

हाल घोडे dal dhoi, 1369.

इंचिन धरेकाव dahin dhareão, 817. दक्षिना dahina, 827. दश्चित dahiya, 107 t. द्धियाएक dahiyāël, 1004. दश्चिमाही हाँदी (or कड़ाही) dahiyāhi hānri (or karāhi) 138. द्विचको dahihakki, 1192. दशे dahi, 138, 713, 990. 1162, 1324. दक्त dahej, 1283, 1339, 1347. दह डी dahenri, 138, 713. दाउदी dāudi, 956. दाखिला dākhila, 1467. दांगली dangli, 184. दौड danre, 1085. हा**रो** dārhi, 346, 356. दौत dant, 73, 401. दौत रन्दा dant randa, 401. दांतुचा dantua, 585b. हादन dadan, 1040. हाँदनी dadni, 1028, 1040. हाँदर dandar, 868. हाहा dads, 463. हाहो**डा**ल dadiha/, 1299. दान dan, 1334, 1457, 1459. द्वा dāna, 856, 904, 1030, 1031, 1268, 1272, 1470. दानादनी dana duni, 1268. दानाबन्दी danabandi, 913, 1468a 1170. दानो dani, 447, 1191, 1273. दानो dano, 1438. दानो पुजा dano puja, 1433. द्व dab, 168, 322, 439, 457, 583, श**वर** dāba, 3191, 457, 718. दाव dabi, 718. हाबो dahi, 457. दाम dam, 1487, 1496, 1497. eine danmar, 889. द्राल dal, 1002m, 1272, 1369.

हाल पीठी dal pithi, 1272. दान भोई dal shoi, 1369. हाव daw, 86. द्विव danwab, 888. दौवल danwal, 1119. हाबा dawa, 1251. हावा**गीर** dawagir, 655. हास das, 1456. दाह dah, 1416. दाच देव dah deb, 1416. दिख का diaka, 1074. हिन्न का dianka, 1074. दिव्यरख diarakh, 1253. दिखा**खा** diarkha, 1253. दिव्य**रा** diara, 788. दिउँका diuaka, 1074. दिखरी diuri, 713. दिखलो diuli, 713. हिन diu, 965, 966, 1087, 1091, 1343. दिन गुन्नी करव din gunni karab 1343. दिनिच्य dinihar, 874. दिनुक dinuk, 1088. दिनौरा dinaura, 874, 914. दिपदान dipdan, 780. दिपदानी dipdani, 780. हिपरा dipra, 702. दिपचरा dipahra, 702. दियरी diyari, 713. दियाँड्रा diyānra, 1074. हियार diyār, 1074. दियारा diyāra, 788. दियारी diyari 713. दिलाहा dilha, 247. दिवार diwär, 1074, 1251. दि वाला divala, 1486. दिवाला उखाँड गेलेन्ह diwala ukhari gelainhi, 1486. दिवाला निकसन diwala nikeab, 1486. द्वाला निकास diwāla nikāsab, 1486.

दिवाला सुध हो जाएव diwāla shudh ho jāëb, 1486.

दिवाविया diwāliya, 1486.

दिस dis, 849 (footnote).

िक्सा dista, 335h, 706.

दिस्या distha, 335h.

दिश्वस dihlas, 1116.

हीचाठि diathi, 702.

दीनी dini, 874.

हीप dip, 713.

दीपक dīpak, 585f.

हीयट diyat, 702.

दीयर dīyar, 784, 788.

होया dīya, 713, 1316, 1423.

दीयाँ diyān, 107 !.

दौया बातो diya bāti, 1423.

दीर• dīra, 788.

**दौरा** dīra, 783

दीरी वेरंग्रं, 713.

दौवट diwat, 702, 711.

दौवाल diwal, 247, 1251.

दोकः diha, 829, 1113.

ह् बन्ती duanni, 1201, 1499; Appendix, 14.

**द अश्वि duariya**, 1239.

द्यार duār, 454, 1238, 1247, 1249, 1254, 1319, 1335, 1352.

दुकार हैं बाद duar chhenkai, 35. 1352.

दुन्तार हैं कीनो duar chhefikauni, 1335.

द्रशार पूजा duār pūja, 1319.

दुष्पार जगार duār lagā?, 13:9.

दुआरो duāri, 247, 1219.

दुत्रानी duāli, 17.

द्वर duī, 1087.

दुरविषाको duibiyaha, 1278.

**दुवानी** dukāni, 935.

दुख dukh, 1085.

दुगोटिया dugotiya, 639.

दुगोड़ी dugori, 31, 549.

दुनन्ता dujanta, 926.

दुनात dujāt, १26.

दुतिवर dutibar, 1278.

दुस्न dudant, 1118.

दुस्सर dudsar, 970.

इस्हो कॅटिया dudhi kantiya, 136.

इडा duddha, 934.

इघी dudhi, 1422.

इधकट्चा dudhkatua, 1395.

दुधकाँड्र dudhkānrar, 973.

दुधशिलास dudhgilās, 975.

द्धचोड्य dudhgiöttu, 984.

द्घट्ट्या dudhtutua, 1395.

दुधिकाइ dūdhpilai, 1408.

दुघमोरो dudhbhoro, 984.

दुधम् **ह** dudhmunh, 1422.

दुधमूँ ही dudhmuñhi, 1422.

दुधराज dudhrāi, 972.

दुधा मचाई dudha makaī, 984

दुधार dudhār, 1117.

डुधारि dudhāri, 1117, 1157.

दुधिया dudhiya, 956, 985, 1075, 1183.

दुधियाएन dūdhiyāël, 957.

दधेन dudhailai, 957.

दुनु dunu, 226 (footnote).

दुपतियो dupatiyo, 1018.

दुपश्चरिया dupahariya, 842.

दुबाली dubagli, 111.

दुवभी dubbhi, 1183.

दुमक्**षा** dumkaja, 226.

द्रमची dumchi, 226.

दुसँ दो dumuñhān, 1239.

द्वाा durga, 1198.

द्राता पुचाद durga pujāi, 1198.

दुराजनधन duragnaghan, 1292.

ह्रामम durāgaman, 1291.

द्रामीन duragaun, 1291. दुर्ख durus, 1398. दुरौँ ध duraundh, 1251, 1335. दुरौँधा duraundha, 1251, 1335. दुलहरी dulahri, 974. दुलका dulha, 1274, 1281, 1383. दुषचिन dulhin, 1282, 1383. दुलारो dulāri, 965c. दुसर du'llar, 978. दुसमन dusman, 655. दुसेरी duseri, 912. द्रहरी duhni, 136. दुइन्थी duhanthi, 414. दूशान duhab, 1159. दुहारी duhāri, 247, 248, 1238. द्रहाव duhāo, 1201. दुष्टाव duhāwe, 604.

**1479.** द श्रा dūa, 908, 1483.

दुव्या duhiya, 1205.

東京 duhu, 849 (footnote).

द्वास du chās, 823.

द्वीस du taul, 1118.

द्घ dūdh, 990, 1030, 1157, 1158, 1165.

₹ du, 823, 904, 1113, 1116, 1118,

द्भाक dūdhak, 1166. द्धी dūdhi, 786, 956. द्वी dūni, 1268. स्व dūb, 1183. द्वी dūbi, 1308. ह्रभ dūbh, 868, 1075, 1183. ह्म दौंदर dubh dandar, 868. ₹ dūr, 1087. इ रा dūra, 1238.

स्क्ष dūhab, 1157.

हें उद्दो deurhi, 1254.

देवता deota, 1455, 1456.

**देखरा** dekhra, 1253.

हेखिहर dekhiha, 1091, 1113.

हैगची degchi, 448, 711.

**देवाल** dewāl. 233. देवाला dewāla 1486. देवासी dewali, 539. देमरिया desariya, 965f. देखिला desila, 956, 1073. देहन dehan, 1477. देश्य dehand, 1477.

देश्री dehri, 1238.

देहाती dehāli, 1263.

देहरी dehuri, 1203.

*दे de*, 748, 1025.

दे के de ke, 69.

देखन dekhab, 1428.

**देखर** dekhar, 1253.

देखन dekhal, 1484.

**देख** इ dekhah, 1113.

देखि dekhi, 1070.

इंखे dekhe, 128 (footnots), 1087.

देखें dekhen, 568.

देग deg 372, 711,713.

हेन den, 1284, 1461.

देन मोचर dain mohar, 1284.

इ ना dena, 1151.

इंव deb, 58, 585f, 867, 876, 966, 1087, 1090, 1116, 1385, 1416, 1419, 1423, 1429, 1431, 1439, 1452.

**६ ब** उठान deb uthān, 1087, 1439. ह बी debi, I449, 1455, 1456. दबौ अस्थान debi asthan, 1455, देवी थान debi than, 1455. इल del, 250.

देखन्डि delanhi, 1234.

देली delin, 741.

देखे delen, 1217.

हेव deo 585f.

हेबठान् deothān, 1439.

देवाल dewâl, 1251.

देस des, 1089, 1092.

देशो desi, 328, 956, 1021, 1059.

**Ext** dehi, 973, 1207, 1215, 1218. देशी खरच dehi kharch, 1207. देशायन daihāëb, 1078, द्ना daina, 1151. होचात doāt, 1198. होबात पचार doāt pujāi, 1198. दोकार doar, 1238, 1249. **दोन्याची** do**āli, 388, 398,** 415. होन्याच doāh, 1278. होबड़ा dokra, 149, 1497. होबरा dokra, 1497. शोकान dokān, 463. होकानी dokāni, 373,933, 940, 1023. होस्रता dokhta, 1023. . होगला dogla, 958, होगहा dogaha, 111, 889. होगाइ dogāk, 1153, 1239. होर्चांव doghānw, 953. दोचावा doghāwa, 953. दोचरा dochra, 1235, 1245. होचारा dochāra, 1245. होक्परा dochhapra, 1245. होतरा dotra, 798. दोतरा चौमास dotra chaumas, 792. होत्रा doi#ra, 810, 1006, 1008. होत्रा चे जख dotura ke ūki, 1008. होदन dodant, 1118. दोदन्ता dodanta, 1118. होधरिया dodhariya, 857. होनवास donwah, 950. दोपटा dopta, 780, 740. होपडा dopatta, 724, 730, 740. होपतिया dopatiya, 1018. होपत्ती dopatti, 1018. होपि**जया** dopaliya, 725, 1245. होपहरिया dophariya, 837, 842. होपश्चित dophasila, 803, 858. होपिंचजी dophasili, 803. ष्टोबगकी dobagli, 111. होदमारे dobaggi, 111.

**रो**बिंघया dobadhiya, 639. **रोवरहा** dobarda, 31, 149. होबागी dobaoi, 111. होबारा dobāra, 37**3**. दोविश्वा dobiha, 1278, **दोमड़ा** domra, 881. दोरसाची dorsāhi, 787. हो सा dorassa, 1023, दोरसो dorasso, 1023. दोलगो dolgi, 977, दोजजी dolangi, 974. होलड्डी dolatthi, 926. होसाइ dolāi, 731. **दोखाय** dotāy, 876. हो**लाय** देव dolāy deb, 876. दोसरा माँटौ के बीया doera manti ke bīya, 1057. होसारो dosro, 1007. होसरो पटावन desto pataman, 1007. होसिवाया dosaliya, 803. होसास dasāl, 803. होसती dosūti, 590. दोहटा dohta, 1218. रोच्या dohtha, 852. होच्या dohra, 1250. हो हरावन dohrāwan, 819. होशान dohān, 1118. होद्वार dohār, 819, 357. हो do, 817, 953. होंख dokh, 1118. होख बैस dokh bail, 1118. होखाड dokhār, 819. . . दोखार dokhār, 819, 820. होगा doga, 1245. क्ता donga, 1294. हो ज donj, 1011. हो जो donji, 1011, 1024, 1039. हो उँ जना do theüka, 953. होघा dodha, 981. ोब don, 950.

होना dona, 721, 1405. हों नी donni, 1405. हो नौ भाकिव donni jhankab, 1405. होनों donon, 1088. **दोबर** dobar, 1084, 1092. दो बाँच do bānh, 817. होमा doma, 1015. होरस doras, 468, 787. होता dol, 924, 929. दोलब do/ab, 876. दोसर dosar, 393, 838, 1007. दीवर चौतर्धरव dasar antar dharab **83**8 होसर पटावन (or पानी) dosar patāwan (or pāni), 1007. होइट dohat, 1218.

होह्द dohad, 1399.

दौं**हर** dohar, 730. दो **चरा** do hara, 31. दौँगड़ी daungri, 184. दौदिया daudiya, 956. होग daug, 832, 836, 1050. र्हींगर daungar, 836, 1050. **दौदी** daudi, 956. होना dauna, 978. दौना फूल dauna phūl, 978. दौनौ dauui, 649, 887. दौरड daunrar, 889. होरा daura, 43, 44, 412, 949, 1347, 1550. दौरा में गोर जारव daura men gor dārab, 1350. होरी dauri, 43, 44, 442, 887. होंदी daunri, 887, 889.

### || 범 dh ||

धकरकोड dhakarchhoh, 1095. धकरा dhakra, 1183. ย์มาบุส dhangāël, 1079. धॅगाउ dhangath, 1079. घंगेड़ dhanger, 1079. ਬੁਵਾਰ dhangāth, 1079. धचान dhachān, 363 (14). घचाना dhachāna, 363 (14). र्घंघारी dhandhāri, 756. घन dhan, 1092. घनां बयारा dhankiyara, 981. धनिकयारी dhankiyarı, 812. धनक्रटरो dhankutti, 616. धनखर dhankhar, 812, 981. भगखेत dhankhet, 981. धनखेती dhankheti, 981. धनप्रही dhanpurahe, 1114. चनवडी dhanbatti, 1303, 1309, 1313. चनवास dhanbāl, 984.

घनहर dhanhar, 812, 981. धनहरा dhanahra, 984. धनहा dhanka, 981, 1089. ध्वियाँ dhaniyan, 1073. धनिष्ठा dhanistha, 1082. धनी dhani, 1461. धनीवा dhaniwa, 975, धनुही dhanuhi, 334, 478. चन्हारी dhanhāri, 756, 769. धमादा dhamaka, 213, 224. धमाञ्जल dhamākul, 1021. धरखा dharkha, 1253. धर्डा dharangi, 864. घरती dharti, 1433. धरती माद dharti māi, 1433. घरन dharan, 322, 1256. धाना dharna, 939. घरन dharab, 838. ын dharm, 1446.

धरम नाथ dharmaath, 1456. धरम जगी dharām laggi, 328. घरमा dharma, 1446. घरन dharal, 817. धरहर dharhar, 1234. धरिया dhariya, 12, 726, 857. धरियाएव dhariyāëb, 857. धरिष dharis, 1004. धरेगाव dhareāo, 817. धवर dhawar, 1134. धसना dhasna, 789. धाकर dhākar, 1095. घाघ dhādh, 1080. धान dhān, 963, 964, 967, 1084, 1086, 1087, 1088, 1090, 1091, 1217, 1303, धाप dhāp, 1492. चामा dhāma, 44, चार dhār, 25, 29, 892, 1451. चार अवराएव dhār asraeb, 25. चार्गिक dhārnik, 1461. घार पजाब dhar pajāo, 25. घार पिजाबल dhār pijāwal, 25. चार पिटावन dhār pitāwal, 25. चार फरगावक dhār phargāwal, 25. धार बनाएव dhār banāëb, 25. भारा dhāra, 643, 975, 1484, 1500. घारा कर्य dhāra karab, 1484. घारी dhāri, 835, 857. घारी बगाएव dhāri lagāëb, 857. धावर dhāwar, 1134. धिंगान dhingan, 1201. धिमोद dhimoï, 1183. धिया dhiya, 990. घी dhi, 1295. धुव्या dhua, 67, 68. धुव्यक्तिस dhuānkas, 302, धु खाँर dhuñāñr, 1272. भुभा dhundhuka, 302.

ध्रुनकी dhunki 334.

धुनच्छ dhunhath, 334. धुनिया dhuniya, 834, 990. धुनियौँ dhuniyān, 476. धुनेटौ dhunāthi, 334. ਖ਼ਜੈਂਡ dhunaith, 334. धुपद्रन dhupdan, 779. ध्रपदानी dhupdāni, 179. ध्रपञ्चहरा dhupahra, 779. ध्रपेड्री dhuperi, 778. धुरई dhurai, 933, 940. धुरकमिया dhurkamiya, 303. धुरकिसी dhurkilli, 164, 203. ध्राोबो dhurgolo, 1135. धुरचुसा dhurghussa, 858. धुरक्क dhurchhak, 1320. धुरपा dhurpa, 1075. धरही dhurhi, 931, 940. धुरिया dhuriya, 149, 858, 914, 1096. धुरिया बाबग dhuriya bāwag, 858. धुरुप dhurup, 1075. ध रौटी dhurauti, 174, 175. ध सरा dhusra, 967g. घ सरी dhusri, 965a. घ सा dhussa, 737. y dhu, 868. भूच्या dhāa, 1317, 1320. y dhūi, 489. ਖੂਬ dhūndh, 1080. धून dhūn, 1080. भूनव dhūnab, 334. भूप dhūp, 1419. भूमन dhūman, 347. At dhūr, 833, 851, 1094, 1095, 1495. प्र डॉगर dhūr dāngar, 1094. HTT dhūra, 166, 203, 221, 489. पूरी dhūri, 149, 166, 221, 414, 1096. पूस dhūs, 737, 785.

सी hūsı, 785.

धं बचागर dhenuagar, 1164. घेडन dheūn, 1114. धेन dhen, 1114, 1158. धैन के दूध dhen ke dūdh, 1158. धेन् dhenu, 1114. ម*dhai*, 1451. धे च्यावल dhai āwal, 69. घोर्जाच dhoānch, 1272. घोदचें dhoihen, 1092. घोकडा dhokra, 719. घोकड dbok en, 719, धोकरी dhokri, 734. **घोबडांग** dhobdang, 390. घोविनियाँ dhobiniyan, 740. घोविया dhobiya, 393. धोरखा dhorkha, 1253. चोरे चा dhorea, 933, 940. धोखन dhoan, 1032. नं na, 128, 226, 394, 572, 1026, नर्दे naī, 763.

**설등** đhūh, 67.

**प्रहा** dhūha, 67.

घोत्रस dhoal, 1272. घोत्रल दाल dhoal dal, 1272. घोद्या dhoa, 542. घोद dhoï, 1341. घोई dhoï, 1032, 1272, 1369. घोएल dhoël, 391. घोए dhoe, 1032. घोकर dhokar, 1458. धोकर कसवा dhokar kaswa. 1458. घोँ ग dhong, 1272. धों क dhonchh, 1117. घोती dhoti, 726, 740, 1357. घोधर dhodhar, 920c. घोँ घा dhondha, 466, 1251. घोविक dhobik, 393. घोबी dhobi, 389, 393, 1092, 1204. घौकनो dhaukni, 5]0. घौरहर dhaurahar, 1234. घीना dhauna, 500. घीर dhaur, 1134.

# ॥ न \*। )

नव na, 128, 226, 394, 572, 1026, 1056, 1084, 1085, 1087, 1234. नई naī, 763. नकहन्दा nakchanda, 763. नकहन्दा nakchanda, 763. नकहिन्दा nakchikni, 1075. नकहो nakti, 20. नकपाँचे nakpānche, 1445. नकपाँचे nakpānche, 971. वकरई सकरई nakraï, 1474. नक्दा sakraï, 1474. नक्दा enakādar, 1094. नक्दा naklol, 1146. नक्दा naklol, 114. नक्दा nakail, 114. नक्दा nakail, 114. नक्दा naklat, 971, 1082. नंगहा nangra, 301.

नगर nagad, 1488. नगरा nagda, 1488. नगरा नगरी nagda nagdi, 1488. नगही nagdi, 902, 1198, 1221. 1225, 1488. नग्रपाँच nagpanche, 1445. नगर nagar, 1416. नगर विसर्व nagar bisrāñw, 1416. नगर मोथा nagar motha, 1381. नगला nagla, 226. नंगोर nangot, 726. नँगोटा nangota, 726. नघुरौ naghuri, 768. नङ्गर nangar, 1130. नचनी nachni, 363 (13). नक्तर nachhattr, 967, 1082. नक्रनाएव nachhunāe, 1326.

नजर najar, 69, 813. नचर गुचर najar qujar, 69. नजर गोजर najar gojar, 69. नजर बास najar bāg, 813. मचाराना najrāna, 1201. मटबाज natbij, 585 (/). नटवा natwa, 353, 501, 1099. बटाइ natāi, 501. बहुबा natua, 1154, 1358. नहीं natthahi, 1084. नउद्द nathahar, 1117. नती natti, 353, नय nath, 763. निया nathiga, 236,763, 936. निध्यारी nathiyari, 936, नधनी nathuni, 763. नद्वा nadwa, 308. नद्वा nadha, 365. निह्या nadiya, 138, 139, 655, 713, 1088.

नहोद्द nadoi, 141, 713, 719, नही naddi, 916, 954. नधना nadhna, 276. नघान nadhān, 116, 276. ननबटनी nankatni, 875. ननिक्रवा nankirwa, 1099. नन्द nanad, 1402. ननवाद nanbāi, 445. ननसम्बद्धा nanmuhiya, 499. निचौरा naniaura, 1298. निचर nanihar, 1298. निचार nanihār, 1298. निष्ठाल nanihāl, 1298. नन्द्रकटनी nanhkatni, 875. निस्या nanhiya, 972, 985. निन्हिया जनेरा nanhiya janera, 985. नपद्धी naphi, 378. नपाखी napāli, 1057.

जपर nophar, 844.

नेपा napha, 1475. नबयह nahgrah, 767. नवात nabāt, 1339, 1390. नवात चुनव nabāt chūnab, 1389, **1390**. नवेर naber, 419. नबे सी naberi, 419. नमेर namer, 419. नम्हेर namher, 861. नन्हे रो namhero, 861. नया naya, 740. नर nar, 381, 472, 978, 1026, 1034. नरकट narkat, 815. नरकटाइ narkatāï, 1400. नरकटिया narhatiya, 985. नरकान narkan, 815. नरगोरी nargori, 1005. नरचा narcha, 1034, 1183. नरजा nurja, 462. नरजो क narjonk, 1183. नरदोष्ट nardoh, 270. नर्प र narpur, 1025. नर्म naram, 786. नरमा narma, 1016. नर्द्धनी narhanni, 1030. नरही narhi, 1257. नरह narhu, 996. नरहो narho, 996. नरड narāün, 510. निश्यर natiyar, 472. नरियरनाला nariyarwāla, 471. निर्यंशे nariyari, 715. निश्या nariya, 75, 713, 1262. निश्यास nariyāl, 472. नरी narī, 363, 529, 567, 570. नक्या narua, 990, 1183. बरे narai, 1183. स्ती naraili, 17. नहीद naroï, 814.

नरोंद naroin, 814. नरोच्च naroh, 253, 270. नरोही narohī, 270. नरोचा naraua, 510, 545. नल nal, 381. नक्षा nalla, 585. नव naw, 814. नव मक्लो naw gachhuli, 814. नवघर nawghar, 2, 29. नवडा nawtha, 2, 825. नवटा के जोत nawtha ke jot, 825. ननत nawat, 1344. मवता nawta, 645. नव पेड़ा naw pera, 814. नवहरा nawahra, 825. नबाद  $naw\bar{a}d$ , 981. नवाद खेत nawād khet, 981. निक्तखानी nawishtakhani, 1040. नस nas, 1023. नह nah, 153, 1349. नहक्टिया nahkatiya, 1326. नह ककाद nah chhachkāi, 1349. नद्दक्त nahchhua, 1326. nahchhua naha-नश्क्या नहावन wan, 1326. नहरू nahchhu, 1313, 1314, 1326. नम्हरुकी nahtungs, 1326, 1403, 1411. नहर nahar, 916. नहरन nahran, 383. नहरनी naharni, 383, 470, 1030. नचला nahla, 422. नह्वाएव nahwāeb, 1418. नहस nahas, 1454. नहाद nahāi, 526. महावन nahāwan, 1326, 1402. निष्ट nahin, 235, 250, 363, 393, 548, 990, 1088, 1090, 1272. निहर nahira, 1297.

नहीं ndhīñ, 29.

नहेरि naheri, 383. ना na, 356, 1020, 1090, 1234, 1451, 1477. नाउ nāu, 383. नाएक nāek, 1456. गाएक साहिब nāek sāheb, 1456. नाच्यो nāo, 1058. नाक nāk, 346. नाम nag, 1445, 1456. नाँगनी nangno, 7. नांग पचनी nay panchmi, 1445. नागप्र nāgpur, 1025. नामला nāgla, 226. नामिन nāgin, 1456. नाटा nāta, 149, 261, 1096, 1099. नाटा बस nāta bail 261. नाडा nātha, 1157. गाड़ा nāra, 1381, 1384, 1391. नाद्रा nārha, 1109. नाथ nāth, 112, 261, 1234. नाइ nād, 92, 284, 809, 365, 430, 506, 713, 924. नाँ € nāñd, 92, 314, 316, 430. नाहा nāda, 365. नारी nādi, 30+, 1173. नादौ कनवा nādi kanwa, 1173. ना देखन na dehan, 1477. ना देइन्ट na dehand, 1477. नाध nādh, 276. नाधन nādhan, 258, 276. नाधन nādhab, 817. नाध बरता nād barta, 276. नाधा nādha, 17, 116 277, 930. नाधा बरता nādha barta, 279. नानपज nānpaj, 445. नान बाद nanbāi, 445. नानीचास nānihā/, 1298. नाप nāp, 1028. नापा napa, 378. नापी nāpi, 1028.

lxxxvi नाफा nāpha, 1475. नाब nāb, 75. नाब ह nābād, 912, 1230. नाम nām, 1463a, 1485. नाम घे क गैल nām gheral gail, 1485. नासजह nāmjad, 1456. नाम( nāma, 1488. TTE nar, 75, 60, 90, 894, 990, 1183, 1259, 1400, 1401, 1408. गारकटाइ nārkātai, 1400. नारमी nārgi, 318. नारक्षी nāranji, 1043. नारन niran, 17, 277. नार परेन nār purain, 1401. नारा nara, 743, 990, 1183. att nāri, 90, 315, 529, 570, 798, 836, 954, 1006, 1008. नारी के उस्त nāri ke ūkh, 1008. नरेनी nāraini, 1429. नास nāl, 585, 655. नालकी nāiki, 241. नासन्द nālband, 387. नाला nāla, 792. नालो nāli, 315, 532. नाव nāw, 229. aia nānw, 1463a and b. नाभाता nāshta, 1268. बास nās, 9, 1023. नासपास nās pāl, 585. नाया nāsa. 9. नाच nāh, 153. नाहा nāha, 153. नाष्ट्रक nāhak, 356. नाची nāhīñ, 829, 964, 1084, 1091. निक्सव niksab, 1486. निक्यार niksār, 1249. निष्यारी niksärs, 1175. निकाएन nikāëb, 867.

निकास nikālu, 1085. निकाचन nikāwan, 867.

निकास nikās, 1249. निकासन nikāsab, 1486. निकासक nikāsal. 1098. निकाइ nikāh, 1273, 1279, 1382. निकौरिया nikauriya, 1070. निकौनी nikauni, 865, 869. निक्ती nikts, 644. निखार्स nikhāral, 391. निख्राइ nikhurāh, 1146. निखोराष्ट्र nikhurāh, 1146. निगका ningchha, 1457. नि गक्। कोरी ningchha chhori, 1457. निगरदेन nigrain, 954. निगस्ता nigasta, 1258. निगालो nigāli, 472, 1034. निशिष्टरी nigihri, 768. निचास nighās, 896, 983, 1145. निधेस nighes, 896, 1079. निधेसा nighesa, 983. निचिन्त nichint, 572. निचिराकी nichirāki, 796. निक्तर nichhattr, 1082. निक्र व nichharab, 391. निकाउर nichhäür, 1847. निक्कावर nichhāwar, 1347, 1402. निकायर कर्य nichhāwar karab, 1402. नित्ती nitti, 644. निहान nidan, 1085. निप्नियाँ nipaniyan, 801. निवका nibra, 319i. निवहर nibaddar, 1091. निसक nimak, 1407. निमक चर्ची nimak chasi, 1407. निमगीरिइ nimgīrid, 403, 418. निमच्छा nimdanda 228. निम्हा nimra, 319i. निमहस्ता nimdāsta, 706. निमाड nimār, 392. विमारा nimara, 154. निमच्चीन nimāstīn, 729.

नियाच nivāj, 1408, 1414. नियाच करब nivāi karab. 1408. नियश्या nivariva, 542. नियार nivar, 542. नियार घोचा nivār dhoa. 542. नियारा niyārd, 543. नियारिया nivāriva. 542. निरस nirkh, 1488. निरुख नामा nirakh nāma, 1488. निर्का nirachchhan, 1322. निरक्कन nirchhan, 1322. निर्वीष nirbij, 859. निरमस nirmal, 1091. विदासी nirāri. 939. निरिच्छन nirichchhan, 1322. निरेखन nirekhab, 1322. निरोच्च niroh, 251, 253, 270. निविच्न nirbij, 1078. निर्वीच nirbij, 1078. निम्राकरहा nishkarda, 587. नियवत nisbat, 1285, 1364. निसचा misua, 286. निसंहा nisuha, 91, 286. निस्तर nistar, 427. निष्ठाइ nihāi, 408, 526, 539, 549. नीच nāch, 1217. नीपे nipe, 1267. नीम nīm, 1402. नीम पूरी nim dhūri, 154. नीमन nīman, 741. मौमा nīma, 729, 1074. नीस #īl, 1038. नुष्ट्रा nünga, 723. ज़का nunda, 710. नगा nūga, 723, 740. न गर nūnga, 723. न इर nūnra, 121, 710. न डो nūro, 710. न चारधनचा neardharua, 1292.

न चार neār, 1292, 1349.

नेचारा neāra, 513. न गडा nengra, 302. नेटवा netwa, 501. नेटका netua, 652, 1154. ने तुर्खा nenuan, 1069. नेबान neban, 877. ने बाहा nebāra. 154. न मान nemān, 1090, 1438. ने बचा nerua. 990. ने बक्क विक newchhawar, 1347. नेवनहर newtahar, 1292. ने बता newta, 145, 645, 1426, 1344. न वता nenwta, 1344. ने वनड newnath, 389. ने वान newān, 877, 1438. ने वानी newāni. 1438. ने वार newār, 1073. ने वासी newāri, 894, 1183. में वाला newāla, 1271. ने इनी nehni, 470, 512, 555. ने **च**रा nehra, 1297. नेहाइ nehāï. 40%. नेहाइक nehāik, 408. नेष्ठाय nehāë, 526, 549. ने**हाय** nehay, 560. ने हाली nehāli, 731. नेडन 'neun, 1160, 1166. नेको बोबी neki bibi, 1458. नेग neg, 912, 1198, 1400. नेही netho, 652. नेटा nerha, 984. TGT nenrka, 1074. नेत net, 145. नेतो neto, 145. नेन nem, 1166. नेनू nenu, 1160, 1166. नेपा nepha, 743. नेव neo, 1251. नेवत newat, 145, 645. बेहर तिन naihraitin, 1277.

नै चा naicha, 473

ने चाबन naichāban, 474.

ने चावन्द naichaband, 47 \$. न जा naija, 1376. ने न nainu, 1160. ने या naiya, 229. ने **हर** naihar, 1297. नोकता nokta, 97. नोचिया nochiya, 1198. नोन क्राइ nonchharah, 816. नोनिया noniya, 713. नोनियाँ noniyan, 365, 1431. नोनियारी noniyari, 816. नोनियास noniyah, 816. नोड noh, 1349. बोह क्विड noh chhilaï, 1349. नोस्ट्रगाद nohtungāi, 1403. नोइट्रमी nohtungi, 1403. नोकर nokar, 740, 844, 1184. नौचा noncha, 1 98, 1200. नोचे noche, 356. पद्चा païla, 24. ug pai, 1017. पर्ना paëna, 98. पर्का paëla, 24.

नोनो noni, 816, 1003. नीनी द्वारी nonihari, 44. नौकेंड्रा बगैचा noukera bagaicha, 814. नौखील naukhīl, 981. नौगाक्की naugāchhi, 814. नौराष्ट्री naurāhi, 814. नौसत्ता naustta, 905, 906. नौड किसी nauh chhilli, 1349. नौ nau, 363, 741, 975, 1070, 1127. मौद्या naua, 383, 1204, 1286. नौचा ब्राप्तमन naua brāhman, 1286. नी**उट** nauthat, 1246. नौडट कर्ब nauthat karab, 1246. नोठा nautha, 2. नौ घारा nau dhāra, 975. नौनगा naunaga, 767. नीप चम naupancham, 1236. नीरतन nauratan, 1236. नीप्रो naushe, 1281. नीसत nausat, 905, 906.

## 11 4 p 11

पर्ता païla, 24.

पर् pai, 1017.

पर्ना paëna, 98.

पर्ना paëla, 24.

पक्टार्स pakthāïl, 934.

पक्टार्स pakarta,

पक्टा pakarta,

पक्टा pakmān, 1272.

पक्टा pakwān, 1272.

पक्टा pakwāh, 293.

पक्टा pakwā, 293.

पक्टा pakwa, 1023.

पक्टा pakua, 1023.

पक्टा pakua, 375.

पक्टा pakka, 920, 1235, 1263, 1495.

पक्टा pakka, 920, 1235, 1263, 1495.

पक्टा pakka, 1074.

पक्टी pakkhi, 1074.

पख pakh, 1081, 1088. पंखड़ी pankhri, 414. पखनरी pakhnari, 363. पखनी pakhni, 898. पखबीर pakhbir, 363. पखन्त्रा pakharua, 1341. पखारी pakhāri, 1341. पखिया pakhiya, 1074. पखरी pakhuri, 543. पखेळार pakheār, 363. पखेव pakheo, 1119. पखेब। pakhewa, 1119. पराष्ट्र pagra, 120, 533, 1010, 1012. पगड़ी pagri, 583, 724, 912, 1426. पगड़ी उसा pagrs thasa, 533. पगड़ी बन्हाएव pagri banhāëb, 1426. पगरवाच pagarwāk, 292. पं**गरवाच** pangarwāh, 292.

पग्रहा pagha, 108, 261, 1234. पगरी pagri. 724. पगाइ pagar, 1010, 1012. पशिया nagina, 724. पगडी paguri, 1011. पग्री paguri, 1143. पग्री करव paguri karah, 1143. पंगीरा pangaura, 308. पष्टिया paghariya, 73. पघरवा pagharua, 73. पञ्चार्च paghurāeb, 1143. uatt paghuri, 1143. प्रधी करन paghuri karab. 1143. чт pank, 788, 789. usi pankka, 414, 529. usi pankhi, 225, 414, 529, 975,

पङ्गत pangat, 1450. पद्भत panghat, 1341. पँचअभिन ranchagin, 1419. पचन्रज्ञी pachanni, 1479. पँचआशि panchāgi, 1419. ਪੱਚਤਾਰ panchukh, 1437. पंचकटेल panchkatai/, 787. पचकट्टा pachkatta, 1074. पचक्टिया pachkathiya, 348, 1419. पचक्रमा pachkarma, 1419. पचका pachka, 1428. पचकाउ pachkath, 1419. पच काडी pachkathi, 1419. पचखाडी puchkhandi, 768. पच्छा pachkha, 76. . पचर्खांड pachkhānt, 1437. पचाबी pachkhi, 1024. . पचर्माटिया pachyotiya, 984. पचचन pachghan, 1439. पचडी pachri, 11, 401. पचंद pachdu, 908. पँचह panchdu, 908, 909. दंचना panchni, 319i.

55 R.&J.

पचपातर panchpātar. 775. นัสโนเรา panchpinda. 1421. पंचिपिश्या panchpiriya, 1456. पचफरिया pachphariya, 37. पचमगरा pachmangra, 1305. पचरावन pachrāwan. 1194. पच शे pachri, 331. पचह्वी wachrūkhi, 956. पँच हखी panchrukhi. 585. पंचलकडा panchlakra, 172. पँचलकडा panchiakri, 1419. पचलरी pachlari. 765. पचहत्यो pichhatthi. 737. पँचाइंड panchāith, 1435. पँचाइत panchāit, 1450. पँचाइत से काठ हेव panchāit sen kāt deb. 1452. पचाँटी pachānti, 1435. पचाड pachār, 1114. पचार pachār, 938. पचास pachās, 823. पँचीत panchīt. 1450. पचे pache, 1272. पंचेता pancheta, 1450. पंचेती panchaiti, 1450. पची आँ pachauan, 801. पंचीख panchaukh, 1437. पंचीट panchaut, 831. पचड p. chchar, 164, 157, 401. पच ( pachchar, 157, 179. पचा pachela, 908. पचा स्त्रा pachcha dūa, 208. पची pachchi, 157, 401, 485. प क pachchh, 1081. पङ्को pachhkhi, 1011. पक्रिचार pachhnihār, 1030. पक्टिनि pachhniharin, 1030. पक्रलकड़ा pachhlakra, 172. पक्रलगबर pachh/agwa, 1279. पक्टवा pachwa, 1087, 1088.

TEE pachhahar, 614. प्रकाड pachhār, 113, 614, 932. प्रकाड़ी paciliari, 366. पंकिम ( pachhima, 1088. पक्तियारी pachhiyāri, 100 . पक्का pachhua, 181, 558, 614, 726, 900, 912, 914, 1483. पक्कार pachhuār, 1237. प्रकारा pachhuara, 1237. पद्धत pachhūt, 1245. पक्त की ठाट packhūt ke thāt, 1245. पक्के आ pachhea, 1057, 1092. पञ्चिता pachherna, 172. पद्धेलिया pachheliya, 768. पश्चेड pachher, 932. परेका pachhela, 363, 558, 768. पक्रीसी pachholi, 125. पक्रीटा pachhauta 335e. पक्कीरा pachhauru, 614. पंजनी panjani, 168, 203. पनवाद्वा pojwāha, 292. पनाइ pajāi, 1263. पचावा pajāwa, 1264. पंजियार panjiyar, 1454. पंजीर panjaur, 1194. पंजीरा pajaura, 1196 **una** pa chak, 1428. पचमी panchami, 1445. पञ्चा panja, 214. पट pat, 843. पटकन patkan, 477, 654. पटको , atki, 1004. पटदेश्वर patdehur, 1951. पटदे चल patilehal, 1251. पटना paina, 625, 1486 पटपर patpar, 788, 901. पटपरी patpari, 793. पटमीरी patmauri, 1326. पटरा patra, 222, 414, 457, 635.

पटराष्ट्री patrāhi, 1001. पटरी patri, 248, 587, 600, 768, 1262. पटन patal, 878. पटवटन p twatan, 233, 367. पटना patwa, 496, 768. पटवार patwar, 236. पटवारी patwār!, 1198. पटवासी ratwāsi, 1326. पटवे patwe, 30. чгы раtha, 389. पटच्चा patahuāñ, 801, 1240 पटहेरा pathera, 496. पटहेरो patheri, 496. पटा pata, 1001. पटाइ patāi, 233. पटा**एव** patāëb, 915, 1006. पटाएल patāël, 850, 1001. पटःखोल patāöl, 801. पटाखा patākha, 535f. पट ही patarhi, 1074. पटान patān, 915. पटा लागत वा pata lagat ba, 1001. पराबन patāwan, 915, 1006, 1007. पटिहार patidar, 1214. पटोहारी patidāri, 1214. परिया patiya, 213, 248, 467, 738, 839, 1·265. पटिছर patihar ११5. पटौत संज patīl soj, 711. पट्या patua, 1047, 1073. पटेबाज patebāj, 585f. पटेर pater, 815. पटेकी pateli, 230. पटेवारी palewāri, 1468b. परेकी pataili, 230, 23. पटोइ patoï, 1074. पटोतन patotan, 126?. पटीन्म[pataua, 801, 1039, 1210,

पर्टीं इता ratauñāñ, 1210. पटौर्ड patauï, 801. पटीना patauna, 801. पटौनी patauni, 915. पटौरी patauri, 233. पटटा patta, 11, 128, 213, 574, 1471. परही patti, 213, 243, 502, 638, 748, 1214. पट्डा pattha, 1125, 1129. पटरा pathra, 1125. पढल pathru, 1122, 1123. पठविषा pathwaniya, 1295. पिंडिया pathiya, 889, 1122. पड़र्काइ parruhi, 1120. पड्ट parru, 1120. ·पड़ाक parāk, 170, 172. पड़ाका parāka, 585f. पहे pare, 393. पिंचा parhiya, 745. पिंडत pandit, 572. पत्र pataī, 1010, पतकटरा pitkatta, 1074. पत्तनारी patnāri, 271. पतनी patni, 880, 1211. पतनौदार palnidar, 1211. पतर patr, 1085, 1343. पतरपारा ratarpāra, 292. पत्रस patras, 1010. पत्री patri, 721, 1343 1487. पत्रीरी patrauri, 721. पतकाशुका patlagua, 1004. पतलम्य pallaggu, 1004. पत्तका patla, 136, 858. पतसार patlār, 1183. पत्तको patlo 1010. पतवार pat ār, 236. पत इर pathar, 120, 1010. पत्रुष pathūl, 1010. पत्रकोल pathol, 1010.

Vat pata, 1024. पता नूर्य pata tūrab, 1024. पतारा patāra, 1457. पताल patāl, 1101. पताल सिद्धा patāl singhi, 1101. पताकी patāli, 1101, 1113. पहिचा patiya. 1018. प्रतियायल rativāël, 1018. पतियार patiyār, 236. पंतियारी pantiyāri, 814. पतिसी patili, 668. पती pati, 1274. पन ल patīl, 858. पतः ला patī/a. 711, 713. पतीको patīli, 418, 711. पत्की patuki, 139, 713. पतेन pitain, 235, 1010. पतौड़ी patauri, 880. पतौतन patautan, 1210. पतीर pataur, 873, 880. पतीरा pataura, 984, 1010, 1073, 1272. पत्तन pattan, 880. पत्तर pattar, 178, 268. पत्तक pattal, 721, 1029, 1422. पत्तः patta, 21, 404, 721, 764, 1462. पत्ती patti, 425. पत्थर patthar, 565, 598, 1080, 1265. पत्थल patthal, 404, 565, 1080, 1265. पच patra, 135 ।. पन्नो patri, 1344, 1487. पथर्टिया pathrativa, 786. पथरी pathri, 565. पथां हर pathrehar, 794. प रौटी pathrauti, 769, 786, 794. पथरीर pathraur, 853. पथल pathal, 318, 389, 404, 549. 1087. पद्याना pa hāna, 638. पथार् pathār, 832,

पचारी pathāri, 853, 880. पिया pathiya, 39, 43, 93, 288. पथ्चा pathua, 1262. पथली pathuli, 41. पर्योनी pathauni, 638. पद्का panduka, 585. पंदेनी pandeni, 551. पन pan, 8: 4. पनकाठौ pankathi, 551. पनकी panki, 851. पनगढा panganda, 1007. पनशिक्षा panginja, 1263. पनचढ़ी pancharhi, 1287. पनचाहा panchaha, 419. पनचोरा panchora, 713. पनक्ती panchhatti, 1245. पनक्न्हा panchhanda, 915. पनक्ता panchhanna, 915, 945. पनकाद्वी panchhani, 1005. पनकार panchhor, 115, 116, 930. पनटोची pan!ohi, 1287. पगडिया pandathiyu, 1021. पनडवी pandubi, 1458. पनदान pandan, 708. पनिपञीचा panpiaua, 884 पनिपयाद panpiyai, 1268. पनिपयार panpiyar, 1268. पनिपयाव panpiyao, 1268. पनबट्टा panbutta, 660, 708, 711. पनबट्टी panbatti 660, 1285. पनभरा panbhara, 915. अनभारा panbhara, 915. पनमार panmar, 7:9. पनमारा panmara, 721. पनमोखाइ parmorwah, 915. पनमोरा panmora, 945. पनवा panwa, 767. पनवासा panwala, 553 पनसचा pansacha, 923. पनसारी pansari, 966a, 1005. प्रविचाहा pansaha, 969.

पनसाही pansahi, 1005. पनमूची pansuhi, 231. पनसेरा pansera, 1:00. पनसेरी panseri, 1500. पनसेल pansel, 923. पनहाडा panhanda, 419, 465. पन्ही panahi, 735. पना pana, 711. पनार panar, 365. पना इ panah, 711. पनिचालर paningar, 1252. पंनिया एल paniyael, 915. पनियोचा paniyocha, Appendix, 16. पनियौं m paniyaulen, 1217. पनिवाच paniwah, 915. पनिच्छा panihanda, 419. प्रिचित्रा panihata, 963. पनिष्ठा paniha, 922. पनिश्वारा panihara, 419, 915. पनिष्टीवा panihauwa, 1004. पनुन्धाँ panuan, 1272. पनौडी panauti, 660. पनीला panaula, 801. पन्थ panth, 1073. पना panna, 1462. प्रतिक pannik, 363. पिन्न pannikh, 363. पन्नौ panni, 363, 567. पपरा papra, 1133, 1272. पपशी papri, 860. प्बन paban, 1437. प्यन परिच्छा paban parichchha,1447. पद्मी pubbi, 1193. पमड़ी pamri, 1037. पम्मो pambhi, 893. पर par, 393, 1088, 1394, 1478 1485. परकट्ठी parkattho, 91, 404, 1141. परकड parkath, 286, 408.

प्रकार parkar, 1056.

रकाल parkāl, 404, 419, 512, 519.

परिकथा parakiya, 1272.

परखडा parkhanda, 740.

परस्व parkhab, 1484.

परिवया parakhiya, 1484.

परखो parkhi, 1484.

परमञ्जनी pargahni, 53?.

पंशार panrga, 832, 83.

परघनी parghani, 532.

परचूर parchūīn, 924.

परक्टौ parchhatti, 1245.

परक्ती parchhatti, 1245.

- परछ्न parchhan, 1316.

**ЧТЕТ** parchha, 319i, 365, 713, 952.

परक्रावन parchhawan, 1316.

परकौनो parchhauni 1316.

परजा parja, 1215.

परचापत parjāpat, 572.

परतर partar, 1028.

परतहा parlaha, 485.

परता parta, 853, 501, 797, 799, 1028.

परताहर partahar, 292.

परताइ। partāha, 485.

परती parti, 501, 797, 799, 912, 1147, 1229.

पर्थन parthan, 630, 1272.

पर्थनी parthani, 630.

परहा par da, 216, 223, 246, 467.

परधान pardhān, 1450.

परनिचार parnihār 292.

परनौद्धा parnauha, 365.

परपेड parpeth, 1487.

परपैंड parpainth, 1487.

परवत parbat, 1037.

परवल parbal, 736.

परमल parmal, 1272.

परमान parmān, 1487.

परवर parwar, 1073.

परवल parwal, 736.

परवसती parwasti, 1209e.

परवाच parwāh. 1428.

परसाद parsād, 975.

परकोतो parsoti, 787.

परसौता parsauti, 1394, 1409, 1412.

परसौतों के कमाइ parsauti ke kumāi, 1412.

परहटा parhata, 91.

परहरा parhattha, 408.

परवे parwe, 48.

पराइ parāi, 713.

पराएव parāeb, 1425.

पराँठ parānth, 833.

पराठा parātha, 1272.

परात parāt, 460, 681, 797.

पर्तत parant, 797.

पराता parā a, 797.

परास parās, 121, 234

परिग्रंड pariath, 91.

परिकड parikith, 91.

परिख parikh, 1484.

परिक्रा parichchha, 1437. परिकृत parichhan, 1316.

परिकावन pa ichhawan, 1316.

परिया pariya 713, 832.

परियाय pariyāëb, 1113.

परियाटा pariyātha, 408, 401, 931.

परियानी pariyāni, 640.

परियेठा pariyetha, 286.

परिइत parihat, 7.

परिच्छ parihath, 7.

परिहर parihar, 872, 915.

परिहार parihār, 1456.

पर्तत parīt, 797.

पर्तचा parua, 436, 1098.

प**र्व**ई parui, 436.

परेखिया parekhiya, 1484.

परेह pareh, 1272.

परेखव parekhab, 1484. परेडा paretha, 408. परेता pareta, 353, 501. परेष pareh, 1001. परेंड paraitha, 91. परोसिया parosiya, 1113. परोधो parodho, 1205. परोर paror, 1073. परोरा parora, 1073. परील parol, 1073. परोच्च parohan, 393. परोचित parohit, 1317, 1402, 1422, परौं धा paraundha, 1205. पल दे palai, 21. संगदी palangri, 636. पर्नेशिया palangiya, 636. पसङ्घ palang, 636. पन्हा palanga, 832. पलटा palta, 846. पन्ती pulti, 291, 846, 915. पलडा palra, 6।1. पत्तथो palthi, 1429. ITA ET palra, 641.

पन्हा palanga, 832.

पन्हा palta, 846.

पन्हा palti, 291, 846, 915. 72

पन्हा palti, 291, 846, 915. 72

पन्हा palta, 641.

पन्हा palthi, 1429.

पन्हा विस्त palthi baisab, 1492.

पन्हा palmarua, 1080.

पन्हा palma, 641.

पन्हा palma, 1073.

पन्हा palma, 1010.

पन्हा palma, 1010.

पन्हा palma, 1073.

पन्हा palma, 125, 126, 1131.

पन्हा palmi, 72, 1153, 1234, 1245.

पन्हिया paliya, 719.

पिता paliya, 719. पिता क्रिया palihar, 798, 802, 858. पिता palihar, 630, 1272. पक्षा palin, 21, 35, 416, 739, 938, 1080, 1092, 1245, 12+9. पक्षा palio, 1310, 1331.

परहारी palhāri. 880. पवनी pawani, 1193. पवनी पसारी pawani pasāri, 1193. पव हो pawahi, ६14. पंवर्षि pamwānri, 29. पस pas, 1120. पसँगा pasanga, 843. प**च**ंगी pasangi, 1398. पसंघा pasangha, 643. पर्व वो pasanghi, 1398, 1400. पसनी pasni, 61, 1400. पस्रा pasra, 646. पंसरीड pa nerauñr, 1252. पंचित्रवा pansahiya, 1005. पसंद्रो pasahi, 882. पसार pasār, 363. पसारी pasäri, 1193. पसायन pasāwan, 1165. पसावा pasawa, 1015. पसिन pasin, 978. पसूज pasūj, 748. पसेरी paseri, 1204, 1500. परीवा pasewa, 923, 1032. पसोद pasoi, 923. पसौड्ड pasaunrar, 1252. पर्योता pasaunta, 1183. पह pah, 795, 797, 799, 818, 904. पहरा pahta, 832, 816. पद्याना pahchana, 478. पद्यारती pale parti, 799. पद्यार paharwār, 812. पहरावा pihrāwa, 723. पहरुवा paharua, 610. पचरक pahruk, 1184. पहरा pahta, 424, 571. पहला pahla, 951. पहला गार pahla gār, 952. पहस्ल pahsul, 74. पदास वर pahās bar, 1456. पश्चिमा pahiya, 151, 1006,

पश्चिया वाला इर pahiya wāla har, 1006.

पि रे pahire, 1090.

पहिरोप pahirop, 1435.

पहिरोपा pahiropa, 1435.

पश्चि pahil, 818, 1007.

पहिल चास pahil chās, 818.

पहिल पटावन pahel patāwan, 1007.

पहिला pahila, 1057, 1092.

पहिला मांटी क बीया pahila mānti ke bīya, 1057.

पहिलोठ pahiloth, 1114.

पहिलोड or पहिलोड गाय pahiloth or pahilaunth gāy, 1114.

पश्चितौड jahilaunth, 1114.

पहितौडा pahilautha, 1397.

पहो pahi, 797

पहु च pihunch, 1011, 1487.

पहुँच परमान pahunch parmān, 1487. पहुँचारी pahunchāri 757.

पह ची pahunchi, 757, 768.

पहुचे pahunche, 1487.

पह चे हाम pahunche dam, 1487.

पाद pāi, 652, 1497, 1499.

पाइ करव pāi karab, 362.

पाई pāi, 1218.

पाएट pāët, 915, 1095.

पाएट चुमाएव pnët ghumāëb, 1098.

पाएंड pāeth, 816, 872.

पाएन pāën, 553.

पायर pāër, 858.

ut # pāk, 289.

पाँक pānk, 788, 789.

पाकन pākal, 1263.

qt at panki, 789, 898.

पाकी pāke, 965.

पाख pākh, 1251.

पाखा pāk!a, 1251.

पाम āg, 724, 1272.

पाँगल pāngal, 875.

पागुर pāgur, 1143.

पागुर करब pāgur karab, 1143.

पाँच pānch, 1138.

पाचक pāchak, 1272.

पाँच कितान panch kaliyan, 1138.

पाँच a panchakn, 76.

पाचड़ pāchar, 11, 269.

पाचर pāchar, 251, 269, 1251.

पाँचा pāncha, 76.

पाँचा दूच्या pāncha dūa, 9)9.

पाँचे pānche, 1445.

पाँची pincho, 7 '3, 1456.

पाँची टूक कपड़ा pāncho tūk kapra, 723.

पाँची पौर pāncho pēr, 1456.

पाइट्व pāchhab, 1030.

पाक् pāchha, 1057.

पाव्छिल pāchhil, 1089.

पाक् pāchhu, 1234.

पाज pāj, 1143.

पाच करव pāj karab, 1143.

पाँचा pānja, 882, 884, 1013, 1194, 1196.

पाँची pānii, 1354.

पाँजी pānjau, 884.

पाभा pājha, 1153.

पार pāt, 11, 389, 889, 940, 924, 1098.

पाट / āta, 29.

पाट जतब pāt jotab, 1098.

पाट ल**ाएव** pāt lag**ā**ëb, 1098.

पाटन pitan, 233.

पाटना pātna, 233.

पाटवाका pātwāla, 889.-

पाटा pā/a, 11, 317, 319m, 424.

पाटी pāti, 243, 248, 626, 638, 738, 813.

पाटो pāto, 11.

पाउ path, 429, 889.

पाठा pātha, 1122.

पाठी pāthi, 1122. पाइ pār 1257. पाँड्र pānrar, 853. पाड़ा pāra, 1120. पाड़ी pāri, 1120. чть pārh, 429, 588, 1050. पाद्धि pārhi, 745. पात pīt, 764, 767, 868. पातन pātan, 880. पातर pā'ar, 858. पाता pāta, 21, 237. पांता pānta, ११4. पाती pāti, 655, 1090. पांती pānti, 814, 857, 1050. पायक pāthak, 1339. पाथब pāthab, 853. पश्चिर pāthar, 162, 858, 1080. पाथल pāthal, 853. पाया pātha, 137, 146. पान pān, 767, 822, 1049, 1217, 1432. पान चास pīn chās, 822. पानदार pāndār, 475. पान पूज pān phūl, 1432. पानि pani, 240, 1234, 1314. प कि मूलर pāni tūral, 240. पानि तोड्न pāni torab, 240. पानी pāni, 919, 922, 1007, 1000, 1092, 1145, 1159, 1419. पानी देव pāni deb. 1419. पापर pāpar, 1272. पाँभी pāmbhi, 838. पाया pāya, 638, 1256. पार , ār, 1113, 1205. पार्**ख**त pārkhat, 777. परचा pārcha, 1370. पार्ध नाथ pāras nāth, 1456. पार्व pārab, 865, 873. पारा pāra, 254, 1205. पारा पारी pāra pāri, 291. पारी pāri, 291, 436, 832, 872.

पारीवाला pariwāla, 1184. पार्वेती pārbati, 1443. पाल pāl, 238, 319m, 920c. 1115, 1194, 1196, 1204. पाल परेशी pāl paseri, 1204. पा**ख** • pāla, 14. पालकी  $p\bar{a}/ki$ , 211, 1073. पालक  $p\bar{a}/ak$ , 1073, 1209e, 1394. पाल खार्ब pāl khāëb, 1115. पालट  $p\bar{a}/at$ , 830. पाना pāla, 1080, 1249. पाली pālo, 14, 194, 938, 1308, 1331. पालो मोटहा palo motha, 938. पाव  $p\bar{s}w$ , 1500. पाँव pāñw, 771, 1341. पाँवजीब pānwjeb, 771. पावट pāwat, 771, \$29. पावना vāwna, 1488. पाँव पखारी pāñw pak! āri, 1341. पाँव सङ्घर pānw sankar, 771. पावा pāwa, 638, 1054, 1500. पाने pāwe, 1088, 1486. पास pās, 29, 1050. पास घ pāsangh, 643, 1484. पाँसघ देखल pāsangh dekhal, 1484. पासङ्ग pāsang, 60. पासा pāsa, 29, 866. पासी pāsi, 74, 115, 374, 638. पासी pāso, 29. पाची pāhi, 198, 1215, 1218. पाद्दी कास्त pāhi kās!, 1218. पाइर pāhur, 1125. पाई pāhe, 1050. पित्रारा piara, 1136. पिद्यारी piari, 1327, 1344. पिउनी piuni, 337. पिकदान pikdan, 707, 711. पिकदानी pikdāni, 707. पिक्रक्त pichhkara, 172. पिक्रजक्र pichhlakra, 172.

पिकाड़ी pichhāri, 113. पिक्चा pichhua, 224, 726, 1483. पिक्ञानी pichhuāni, 1237. पिक्अार pichhuār, 1237. पिक्चारा pichhuāra, 1237. पिक्ती pichhutti, 1237. पिक्टन pichhūt, 1237. पिक्टीरा pichhaura, 740, 741. पिन्नवा pijwa, 1264. पिचावल pijāwal, 25. पिजावा pijawa, 1264. पिटना pitna, 480. पिटनौ pitni, 887. पिटावस pilāwal, 25. पिटोइ pitoi, 1074. पिटौचा pitaua, 372, 713. पिटौर pitaur, 103. fuer pittha, 1272. विडो pitthi, 1272. पिटार pithār, 1203, 1272, 1439. पिठिया pithiya, 126. चिंड्र pinrar, 575. पिएई pirhai, 341. चिंद्सरि pinrhsari, 337. पिटिया pirhiya, 176, 179, 200, 332, 457, 467, 487, 587, 623, 634. पिंढरी pinrhuri, 575. पिद्रीर rerhaur, 575. पिष्ड pind, 919. पिट्टा pinda, 466, 1243, 1425, 1426, 1427. पिखा पराएव pinda parāëb, 1425. पिखी pindi, 775. पितर्सेखी pitarseli, 1073. पिनिक pinik, 1035. पिनौरी pinauri, 575. (unt pinna, 1031. पिपरा pipra, 1075, 1185. पियरा piyara, 1264.

पिया piya, 1087. पिया**च** piyāj. 1073. पियादा piyāda, 871. पियाका piyāla, 465, 711, 713. पियाको. piyāli, 711. पिरकी pirkn, 1179. पिर्गदान piragdan, 707. पिरगिठौ pirgithi, 527. पिरही pirhi, 487. पिरिकदान pirikdan, 707. पिरित pirit, 914, 971, 1203. पिसावडा pilanda, 466. पिलची pilhi, 1171. पिलच्या pilua, 1074. पिस्तू pillu, 1074. पिसना pisna, 625. पिसवन piswan, 625. पिसाद pirāi, 625. पिसान pisān, 625, 1085, 1272. पि**इ**कर pihkar, 705. पिदिका pihika, 1074. पी pī, 1274. पोचानी piani, 1023. पीखर piar, 1136. पौष pīe, 1026. पौच pāch, 1272. पौचर pichar, 965g. पोटन pātan, 575. पौटव pītab, 391, 887. पोडा pītha, 1272, 1378. पौठी pīthi, 1272. पौँ pīnr, 575, 268, 917, 953. पौँड़ा pā ara, 1251. पौँड़ी pinri, 775. पोढ। pīrha, 332. 457, 467, 623, 634. पौद्धि pirti, 634. पौद्धी pirhi, 623, 634.

THE MILE REA

पौना pīna, 263, 1031. पौना खझी pina khalli, 263. पौनी pīni, 337, 1023. पौने pibe, 1166. पौयर piyar, 1003, 1264. पीया piya, 1274. पौर pīr, 337, 1376, 1456. पीर का नेजा pir ka naija, 1376. पौरिच pirich, 325. पौरिस pīris, 325, पौरी pāri, 1098, 1348. पौरी म जोतव pāri men jotab, 1098. पौरी pāro, 1074. मौसा pila, 1264. पद्यसी puarsi, 898. पचरा puara, 894. पुचाको puāri, 1009. पद्यार puār, 894. पुत्रारी puāri, 1009. पुचारी के जोत puari ke jot, 1009. पुरस puis, 817, 827. पुरस धरव puis dharab, 817. पख pukh, 1082, 1086. ut puchchh, 726. पुरुषे puchchhi, 1285, 1343. YELT puchhra, 614. प्रहारी puchhāri, 1428. प्रारो puchhāro, 1428. पश्चा puchhiya, 614. प्रकेट puchhet, 335c. पक्टर puchheta, 335e. पक्रीटा puchhauta, 335e. प्रमास pujmāl, 388. पनार pujās, 1198. पंजीर punjaur, 890. पदी punji, 1485. पठी putike, 182. पतर pute, 1394. प्तरा putra, 257. पत्तका putla, 67.

पत्तक putli, 740. पता puta, 990. पतिया putiya, 1248. पुत्ता putta, 1248. पुत्तो putti, 344, 957, 990, 1248. प्रेना pudena, 1073. एनरबस punarbas, 967, 1082, 1080. पनचर punhar, 5 र 7. पनु punu, 719, 741 (footnote), 1272 पपरा pupra, 1075, 1183. प्रका purja, 1464, 1480. परजी purji, 1464. परनवी purnwo, 1183. प्रवा purba, 1082. पुरवा खाद purba khārh. 1082. प्रवा पगुनी purba phoguni, 1082 प्रवट purwat, 895. परवा purwa, 1087, 1088. पर्व purwe, 819. पुरवया purwaiya, 1087, 1088. प्रदिया purabiya, 1114, 1117. परिया puriya, 1480. प**रव** purukh, 1274. प्रस्त purukhak, 604. परेखी puresi, 898. प्रेन purain, 1401. प्रोचित purohit, 1347. Utial puraunta, 1201. uen pulla, 894. प्रात pulli, 585, 929. पश्रदेख pushtail, 335e. पुश्रतक pushtang, 226, पुष्ठ pustui, 1119. पुसतक pustang, 226. पुस्ती pusti, 1248. Ч рū, 1272. पुचा pūa, 1≀72. प् ज pūnj, 890. पुना pūja, 1319, 1420, 1434, 1438,

पू जी pūnji, 1485. पू जो पट्टा pūnji patta, 226. पूत pūt, 1043. प्रतक pūtāk. 781. पुता pūta, 1248. पूती pūti, 314. प्र pūr, 1088, 1118, 1201. परन pūran, 1347. पूर्व pūrab, 1082. पूर्व भद्रपह pūrab bhadrapad, 1082. YTT pūra, 136, 1118, 1381, 1384. पूर्र pūri, 1002n. पूरिस pūris, 923, 1493. पूरी pūri, 884, 1204, 1279, 1405. पूजा pūla, 882, 894. पुस pūs, 1082, 1092. पद्माला peāla, 713. पेकचा pekcha, 1061. पेकची pekchi, 1061. นั่งเคา pengni, 168, 203. पेचकस pechkas, 825, 417. पेंचहार pechdar, 473. पेचवान pechwān, 473, 475. रेटचली petchali, 1171. पेटपचन्रा petpachra, 251, पेटपों इच्या pelponchhua, 1397. ਧੇਟਾਰ੍ਰ petārha, 585, 657. นิ่อาเดี *petārhi*, 657, 963, 10**7**4. uztt petār, 125, 657. पटारही petarhi, 1074. पटारा petāra, 685c, 637. पेटारी petars, 45, 657, 887, 963. पेटाही petahi, 963. पटी क petauk, 1171. पंड्नो penrni, 63, 306. पतावन petawan, 1439. पेनेनौ peneni. 551. पन्हार्ख penhael, 1164. पेपची pepchi, 1061.

पंयाज peyaj, 1073.

पेरमार permar, 858. पंखा perwa, 48. पेवनी pewni, 337. पेश्वा peshgi, 1210. पेष्ट्रना pehna, 79. प हान pehān, 79, 81. पेष्टानी pehāni, 45. पे च pench, 325, 473, 726. पेचक pechak, 498. ਧੋਟ pet, 251, 1465. पेटपुक्ती petphulli, 1176. पेटा peta, 1465. पैटावासा petāwāla, 1219. पेटो peti, 261, 279. पेटे pete, 1043. ਧੌਰ peth, 1487. पेठा petha, 1272. पेठी pethi, 872. पेट्ब perab, 264. पेड़ा pera, 814, 1272. पेंद pend, 80. पे 'दा penda, 80. पे ही pendi, 80. पे दो pendo, 80. पेना pena, 98. पेनौ peni, 80. पेर्ब perab, 264. पेलन pelan, 486. पेवन pewan, 738. पेवन्ह pewand, 738. पै करा painkra, 114. रे**ं जन**ि painjni, 771. पे जनो painjani, 168, 169, 170, 203. पैठानी paithāni, 1043. पंताना paitāna, 638. पंचारी paisāri, 1350. पेहटा paihta, 424. प राष्ट्र painkar, 198. पेकर paikar, 105, 114, 198, 1180. पकर painkar, 105, 114.

पेकाल paikal, 195. un painch, 846, 1 76. पेचा paincha, 1476. पेचेदार painchedar, 727. पेषामा paijama. 727, 746. पैता paita, 424. पंच painth, 1487. पंथी painthe, 915. पेट, pairh, 105. utt pairha, 105. पंचिक paitrik, 129%. पेहा paida, 1028. पॅन pain, 836, 916, 954, 1489. पे**ना** paina, 23, 98. पैनि paini, 836, 916, 954. पेया paiya, 967, 1074, 1076, 10:6, 1088. ्पर pair, 891, 892, 959, 1341. पर पखरचा pair pakharua, 134!. पैर पखारी pair pakhāri, 1341. पेरा paira, 858, 959, 1096. utt pairi, 771. पेका paila, 24, 343, 398, 714. 91+, पेस pais, 817, 827. पेस घरव pais dharab, 817. दे**चा** paisa, 1500. पैसे paise, 1479. पेसे बपेया paise rupaiya, 1479. पेक्स pushār, 1218. पोचार poār, 884, 963, 1163. पोचारो poāri, 1074. पोखता pokhta, 1235. पोखरा pokhra, 916, 1379. पोकरा खोदब pokhra khodab, 1379 पोचारा pochāra, 1267. पोचारा बाला pochāra wala, 1267. पोचनी pochni, 1030. पाञ्चाला ponchhwāla, 1109. पॅक्टिया ponchhiya, 224.

<u>ेपोक्चा poekhuu, 1272.</u>

पोचानी pothane, 638. पोद्दोना podina, 1073. पोदेना podena, 1073. पोरनोवो pornowo, 1011. पौरसा porsa, 923. पोराना porāna, 1010. पोरेया poraiya, 1114. पोलिया poliya, 853. पोसता posta, 263, 1028. पोसपालक pospālak, 1394. पोसेपुत posput, 1394. पोसनासक posbālak, 1394. पोसबेटा posbeta, 1594. पोसिया posiya, 1394. पोसिया जैव posiya leb, 1394. पोस्ता posta, 1183. पौ**रड़ा** ponhra, 1008. पोच्या poa, 1024. पोइ poi, 1009, 1010, 1017. पोक्तब pokab, 1171. पोखर pokhar, 916. पोखरी pekhari, 916 (footnote). पों भी pongi, 47?. पोचो pocho, 984. पोक्क pachhab, 1030. पो छो ponchhi, 614. पोट pot, 1073. पोटी poti, 1073. पोड़ा pora, 1398. पो ड़ा ponra, 1005. पोढ़ा porha, 1006. पो दा pontha, 1005. पोत pot, 536, 1220. पोता pola, 1220. पोतिहार potedar, 1215. पोर por, 769, 1010, 10:2 पोर छोरना por chhorna, 1010. पारा pora, 894, 1183. पोला pola, 353. पोकी poli 353.

पोस २०३, 1285. पोसत pasat, 1028. पौडकी paudandi, 213. पौताना pautana, 638. पौतिया pautiya, 45. पौषाना pauthana, 688. पौनसी paunalli, 372. पौनिया pauniya 456, 686, 1193. पौजा paua, 244, 248, 638, 1054, 1500. पाँकी paunchhi, 1074. पौटी pauti, 954. पौड pauth, 954. पौडा pautha, 934, 939, 950. पोड़ा paura, 1247. पौंडा paunra, 308. पौँ श paunri, 646, 1005. utter paurha, 309.

पींची paunrhi, 309.

पोता pauta, 656. पोताब pautan, 363. पौती pauti, 45, 656. पौती paunti, 656. पोस्र paudar, 280, 614, 941. पौर्र के माँच paudar ke mānth, 941. पौचा paudha, 949. पौना pauna, 319, 307, 456, 738, पौनार paunar, 365. पानी pauni, 1193. पौर paur, 280, 436, 888, 891, **9**59. पारी pauri, 262, 280, 436, 891, 1009. णीसार pousar, 363 (12). पौँचार paunsār, 868 (12), पौच pauh, 797. प्रौत prīt, 1209a.

### || Y p1 ||

पञोरा phaora, 21. प्रकाच phakāh, 858. प्रक्रिशना phakirāna, 1203. पकीर phakir, 669, 1203, 1234. पगुचाची phaguāhi, 1198. प्रानी phaguni, 1039, 108?. पटना phitkan, 1246, 1262. पटका phatka, 477. फटकी phatki, 477, 828. 42 .T phatha, 1074, 1105. WZI phattha, 654, 1074. पटी phatthi, 492, 654. पटाइ phathah, 1105. फडी phathi, 224. पड़ phar, 178, 204, 214. पाइकार pharka, 185. पड़की pharki, 1416. पड्डी pharhi, 63. पद्चा pharus, 63.

पाडा phanda, 726. पतह photah, 473. पतह पेंच phatah pench, 473. पतिङ्गी phatingi, 1074. • फतील सोच phatil soj, 711. फतेष्टा phateha, 463. पंदनी phandni, 115. पंदिया phandiya, 375, 828. फनकी phanki, 376, 115. पनगी phangi, 1074. प्रनिशा phaniga, 1074. पनी phanni, 376. पार phar, 178, 179, 184, 204, 585, 1034, 1058. परक्काड़ा pharakjhāra, 1105. फरकतियावन pharkatiyāwan, 1198. परका pharka, 646, 1183, 1245.

परकाना pharkāna, 1198.

पर्किषा pharkilla, 179, 164.

परिकारी pharkilli, 164. परको pharki 29. परखती pharkhatti, 1485. परगावल phārgāwal, 25. परद pharad, 502. परनी pharni, 818. परमा pharma, 321, 326, 424, 484.

परमाद्य pharmais, 1201.

परको pharli, 1116.

पर्च pharas, 750.

परसा pharsa, 27, 319k.

परसी pharsi, 473.

परचा pharha, 335b.

परही pharhi, 469, 1272.

परा phara, 1272.

पराठा pharātha, 1272.

पराठी pharāthi, 654.

परिकाना pharikana, 1198.

परिका pharinga, 1074. परिया phariya, 37, 740.

**utl** phari, 29, 179.

**unt** pharuha, 27, 63, 319. uar pharuhi, 63, 303, 319, 1272. परेश्वर phareha, 335b.

परी pharo, 29.

Heles pharauta, 835b.

पन phal, 29, 1474.

पत्रकार phalkar, 1232.

पालतार phaltar, 379.

पत्रहान phaldan, 1287.

प्रवस्त phalsa, 401.

प्रतिया phaliga, 740.

पारगुनी phalguni, 1039.

पक्की phalli, 401, 415.

पंतरमाखी phansargāli, 115.

पश्चिल ना phvsilāna, 1200.

पहुरा phahura, 27, 319k, 369. पहरी phahuri, 63, 303, 321.

पद्योदा phahora, 27.

चहारा phakora, 27.

फौक phank, 1014.

फ<sup>†</sup>की phānki, 1139.

फारान phāgun, 1039, 1082, 1083. 1084, 1092.

पाजिल phājil, 1186, 1463b.

TTZ phāt, 1070, 1214.

फाटक phātak, 1249.

फाटी phāti, 1074.

**फाँड** phānr. 726.

फाड्न phāran, 1161.

फॉड़ा phānra, 72न, 1074.

फाँड़ी phānri, 919, 1074.

फॉंस phānd, 382.

फौंदा phānda, 392, 648.

फान phān, 646.

फानी phāni, 646, 828.

फफिर phānphar, 858.

फार phār, 10.

पार करा साख्व phar karā lāëb, 25.

पार्वती phārkhatti, 1485.

फारन phāran, 818.

पारसी phārsi, 585f.

फारसी गोला pharsi gola, 585f.

पारा phāra, 10.

फारी phāri, 29, 1139.

पालचाची phālsāhi, 1043.

फाजा phāla, 10.

फा चान phālgun, 1039.

फाव phāo, 900, 1483.

फॉम phāns, 115.

पाँच phānsa, 19.

पिक phik, 99.

पिटिकरी philkiri, 425.

फिरकी phirki, 350, 425, 590, 753.

पिरन्ता phiranta, 1474.

पिरिस्त phirist, 1493.

परिचा phinchab, 391.

प्रकाठी phukāthi, 529, 570. फखाडी phukhāthi, 570.

प्रची phuchchi, 432, 715. फुटना phutna, 1011. yzyl phutpūri, 1272. फ्रटहरा phutahra, 1272. प्रदा phutha, 433, 1272. फुटिया phutiya, 1183. प्रदेश phutehri, 1272. पुर्ना phudna, 99. फुंदना phundna, 100. फुदेन। phudena, 1073. फुनगी phungi, 1008. प्रता phunna, 100. पुप्रति phuphuti, 711. फुफुनी phuphuni, 741. फुफुन्दी phuphundi, 741. पुलको phulko, 987. पुलकी al phulkobi, 1073. फुलगरना phulgarna, 507. फुलतार phultar, 379. पुतदो phuldo, 379. पानडानी phuldāli, 45. पुचपता phulpata, 1028. पुषपत्ती phulpatti, 1029. फुलवचा phulbagha, 1176. पुरवात phulbāt, 1176. पुजमङ्गा phulbhanga, 1074. फुलवारी phuiwāri, 813. पुलहर phulhar, 1076. पुलाएव phulāëb, 1018. फुरिया phuliya, 213. पुलुकी phuluki, 44. पुरेवन [ phulena, 1183. फुलौरी phulauri, 1272. पुत्ती phulli, 1178. प्तं क phūnk, 414. प<sub>क्</sub>कि phūki, 1166. फूंट phānt, 1065, 1666. फटब phūtab, 1018. प्रते phutai, 1090. पुरी phūri, 713.

पाल phūl, 590, 666, 688, 975, 977, 978, 1018, 1029, 1043, 1434. फल डाक phā! dā b, 1456. पार्चे phūle. 1091. फब phūs, 1235. पास की घर phūs ke ghar, 1235. प्रहा phūha, 1042. फें कल के क phenkalkaik, 1004. पंकाद phenkāi, 1401. फेकेन phekail, 646. फेटिकिंग phetkina, 425. फेडवाल phetwal, 1016, 1019. पेठाइन phetain, 1118. पंनद्वा एस phenhaël, 1184. फेनुसर phenusa, 1164. फफना phephna, 1183. पेपरियाच phephriyah, 1098. फोरबेक pherbaik, 1156. फेरवार pherwar, 1097. फरहा pherha, 942, 1156. फरआ pherua, 140, 756, 769. मेरीँठी pheraunti, 1246. फेका pheka, 646. फेटा pheta, 259. फॅटा phenta, 259, 271, 724. मेंती phenti, 848. फेनी phens, 975, 1272. फेनुस phenus, 1164. फेफरि phephri, 841. फेर pher, 1087. फेर्ब pherab, 1246. फेरल pheral, 1267. फेरा phera, 831, 889. फेरा फारी phera phāri, 291. पेंड phair, 178. फोकना phokna, 1272. मोकाडी phokāthi, 567. फोता phota, 1018. पोड़ी phori, 748. प्रोंपी phonphi, 567, 585.

मोर phor, 801. मोड़ी phauri, 1499. मोरन phoran, 1272. पोरच phoral, 1018. पौच phauj, 1127. पौरा phausa, 27.

### || ब 0 ||

**₹₹** bae, 363. बद्धवस baknal, 528, 545. चकानार baknar, 528, 545. TTH bakam, 1043. चकरकसाब bakarkasāb, 1141. वकरा bakra, 1121. वकरी bakri, 1121. वकट bakru, 1122, 1123. नवार bakla, 1073. चक्दा bakwa, 1263. वंकावा bankwa, 1263. वक्सा boksa, 372. वकसिस baksis, 1194. वंक्रका bankua, 61. बक्का bakucha, 390. चक्रका bakula, 1031, 1074. बक्कतो bakuli, 1073, 1074. चकेन baken, 1114, 1158. बनेन के दघ baken ke dūdh, 1158. चकेना bakena, 1114. **बने**या bakeya, 1074. मकोदया bakoiya, 975. चकी bakau, 1263. वंकी bankau, 1263. बक्द bakkar, 1121. बद्धो bakki 1074. बखतीर bakhtaur, 1456. बखरदार bakhardār, 1214. चखरा bakhra, 125, 1214. **पखरी** bakhri, 1234. चखार bakhār, 77. बखारी bakhāri, 77, 79. विखया bakhiya, 748. बर्खोर bakhīr, 1272.

बखेबा bakkea, 748.

बबोर bakhor, 1125. बगङ्का bagehhalla, 1138. वंगती bungthi, 1017. बगडोर bagdor, 113. चे**गर्**। bangra, 232. बगस की bagmuhīn, 516. वंगरा bangra, 1049. चंगराच bangrāk, 799. बगल bagal, 233, 637, 1263. बगनभर्जा bagalbharua, 549. वंगसा 1049, 1073, langla, 1254. बगकी तिबया bagli takiya, 637. बगलौती baglauti, 547. बार्यक्यो bagsanrsi, 516. बगहा bagha, 116, 930. बशिया 'agiya, 813, 1272. वंग्री banguri, 411, 768. बगुको baguli, 704, 784. बाया bageya, 1272. बरीचा bagaicha, 813, 814. चंगीरिया bangauriya, 1080. वंगीर banyaur, 329, 1017. वंगीरा bangaura, 1017. वंगीरी bangauri, 1080. बचार baghār, 1272. वंधेला bunghela, 363. बघेसी bagheli, 469. च क्र T banga, 838, 1016. बचका bachka, 1272. वचवर backwa, 767. नचाचे backāwe, 655. बचित bachit, 1475. नचा backcha, 1116, 1123, 1128, बङ्क bachhru, 1118.

बक्का backhwa, 1118. विद्या bachhiya, 1118. बक्के डा backhera, 1126. बक्के डी bachheri, 1126. बजका bajka, 1272. बन्दा bajra, 985, 987. बजर bajar, 959. बजर बोंग bajar bong, 654. बजरी bairi, 1000. बचा baja, 959. बनायव bajāeb, 1401, 1484. बनुसा bajulla, 767. बंभौरा banihaura, 1078. बंभौरी banihauri. 1078. बकाड banjhar, 987. बंभा banjha, 1398. बटकर batkar. 1001. बटखरा batkhara, ६४३. बटनाइ balnāi, 594. बटनी batni, 498. बंदन bantnu, 902. बटरी batri, 44, 442. बटलोची batlohi, 667. बटवन batwan, 646. बटसारी batsāri, 1339.

बटाइ batāi, 913, 902, 903, 914, 1221, 1468a, 1470. बटाइ खिरिष्टानी batā i kharihāni, 914 बराम batām, 404, 426.

**बटारी** batāri, 399. बटासी batāli, 399. बटियारी batiyāri, 382, 646. बटिवन batiwan, 646. बट खा batua, 686, 734. बटई batuï, 734. बट री baturi, 772, 1000, 1003. बर्**सा** batuli, 667, 704. बटेंबा bataiya, 902.

cv बहा balta, 43, 44 288, 627, 692 1202, 1474, 1480; Appendix, 14. बहा कम्पनी batta kampani, 1203; Appendix, 14. बहा माल batta māl, 1202; Appendix. 14. बह, battu, 666, 734. वड bar, 741, 1056, 1217. बड अहमी bar admi. 1217. बडका barka, 126., 1491. बडका गज barka qai, 1491. बडकी barki, 1021, 1276, बड्गहमा bargahuma, 956. बड्गोहमा bargohuma, 1075 बड घोघट bar qhoghat, 741. बंडका banrchha, 808, 1016. बड्ड barad. 1096 बडहरा laihara, 768. बहहर barhar, 768. बडहरा barhara, 280, 891. बद्धावन bárhāwan, 893. बड्डी barhi, 394, 1074, 1194, 1204. बड्ही खाना barhi khāna, 39 🖡 बडहोडा barhora, 891. बडार barār, 788. बिंड bari, 1087. बडी bars, 503. बड़ी खड़े bari sūï, 503. ब इ.का bañrāchha, 1016. बड़े bare, 478. बर्ड डा b reñra, 414. बढ़ें डी !areñri, 414. बर्डें t birenr, 1257. बंदा tanrera, 940. बर्ड हो bareñri, 1257. बड़ेसर baraisa, 1016.

बादती barhti, 1474.

बद्ध barhab, 1173.

बाटनी barhni, 45, 54, 56, 439, 465

बहोरन batoran, 899.

बढ़ींव barhānw, 893. बही barhi, Appendix, 2a. बढ़ोतरी barhotri, 1475. **बग्टा** banta,। 1109. 1451 banda, 1109. बताव batāwa, 1026. चतास batās, 975, 1272. बतास फेनी batās pheni, 975, 1272. बतासा batasa, 585, 975, 1272. चतासी botāsi, 399. बतिसी batisi, 558. **471** batto, 221, 179, 1219, 1 58 बत्ती batti, 51, 179, 654, 1258, 1423. वधनियास bathniyāël, 1153. बधान bathān, 1132, 1147, 1153. बधानी bathāni, 1147. बर्थ आ bathua, 1075. बह bad, 1125. वह कीम bad kaum, 1125. बद खोम bad khom, 1125. बद मोहरी bad mohri, 1125. बहरी badri, 1088. बहत्त दे badlaī, 1461. बदना badla, 548. बद्दा ladli, 846. बह्खया, badlaiya, 846. बदवान badwān, 711. बदवांसी ladwänsi, 808. बद्धागुन badshagun, 1454. बद्दा badha, 735. बद्धार badhār, 828. बहासी badāmi, 769, 1043. बहारी badari, 77. वंदिया bandiya, 1098. बदीया badīya, 417. ब दौतनी bandautni, 1456. बंदीत bandaut, 1456. बंदीर bandaur, 1017. **481** baddhe, 765. वधन badhan, 432.

बधना badhna, 432, 711, 713. बधनौ badhni, 711. बधरना badharna, 566. बधरा badhra, 73. वधरिया badhariya, 73. **बधरी** badhri, 73. बधवार badhwār, 870. बघवारौ badhwari, 566. वधवाद्या badhwāha, 870. बधार badhār, 832. बधारू badhāru, 73. बधिया badhiya, 417, 1008, 1112. ब विद्य bandhiha, 829. बंधेरी bandheri, 121. बन bun, 158, 178, 268, 478, 558 813, 815, 842, 844, 852, >69, 874, 1091 1183, 1185, 1205, 1232, 1254, 4108. वन उखाव ban ukhāo, 1436. बन उसरा ban usra, 1436. बनकर bankar, 1232. बद्गोद्दा bangoitha, 852. बन घरा ban ghara, 1254. बन किन्त्रीको ban chhioli, 1232. वन किन्नी ban chhihuli, 815. बनके वाइन banjewain, 1073. वनतुषसौ bantulsi 1183. बननी banni, 762. वनिपयञ्ज्ञा banpiyajua, 1075. बनप्रियाच banpiyāj, 1075. वन पोस्ता ban posta, 1183. बनब banab, 1313. बनसुरका banbhutka, 1073. बनासना banrasna, 1075. वनरा banra, 236. बनक banal, 1086. बनवार banwar, 1310. बन संसवात ban salwāt, 1408. बनसारी bansāri, 1075, बनहाइ banhāi, 1480.

बनाएव banāëb, 25.

वि bani, 1185.

बिस्न banıj, 1461.

बनिया baniya, 1461.

बनियाँ baniyān, 914.

बनियौटा banıyauta, 1188, 1461.

बनिहार banihār, 874, 1184.

बनिष्ठारा banihara, 842,

बनिद्वारी banihāri, 869.

बनी bani, 844, 861, 874.

बनुसार banusār, 864, 1436.

बनीर banaur, 1017.

बनौरी banauri, 1080.

बन्द band, 158, 167, 178, 571, 743, 1452.

बन्द करन band karab, 1452.

बन्दन bandan, 1324, 1325.

बन्दनवार bandanwar, 1310.

बन्दने वार bandnewar, 1310.

बन्दोबस्त bandobast, 903, 1221.

बन्धन bandhan, 1331.

बन्धा bandha, 1073.

बन्धा काबी bandha kobi, 1073.

बन्धिक bandhik, 1480, 1481.

बद्धी banni, 1456.

बन्सर bansa, 21.

बन्द्रका banhka, 362.

बन्धस्या banhkharcha, 1207.

बन्हना banhna, 119.

बन्हवैया banhwaiya, 1201.

बन्हाएब banhāëb, 1426.

वपन्स bapans, 1214.

बपहर baphar, 1299.

बपह्नम baphans, 1214.

बपौटी bapauti 1214.

बफीरी baphauri, 1272.

बबरची babarchi 1248.

बबरची खाना babarchi khāna, 1248.

बबुई babui, 1295.

बबुटोला babutola, 1217.

नभन babhan, 1285, 1343.

वभन पुच्छी babhun puchchhi, 1285, 1343.

बभनी bhabhni, 787, 1074.

बभनी babhnau, 725.

बस्यहा bibhunta, 767.

बम bam, 922.

बमगोला bamgola, 585.

बमे**ना** bamaila, 363.

बम्ब bambu, 1034.

बया baya, 914.

चयाद bayāi, 1201.

बयाना bayāna, 1483.

बर bar, 1005, 1274. 1281, 1287.

बर्ड baraī, 45, 1049.

बर जख bur ūkh, 1005.

वर्क harak, 1333.

बरकत barkat, 1483.

बरक बैसाएव उठाएक barak baisāëb uthāeb, 1333.

बर्क्स barkas, 243.

बरका barka, 1175.

वरकावर barkābar, 727.

बरका बेमारी barka bemāri, 1175.

बरकी barki, 740.

बरखा barkha, 965, 1083, 1087, 1088, 1091.

बरखी barkhi, 1185, 1427.

बरख् barkhu, 1117.

बरम barag, 1343.

बरगा barga, 1258.

बर्गुना barguna, 672.

बर्घरा barghara, 1153.

ब्रुटका barachchha, 1287.

बर्ह् barchhā, 102,

बरह्री barchhi, 102.

बर छेका bar chhenka, 1287.

बरजीर barjaur, 1272.

बर्स bart, 1442.

बरत barat, 491. व्याप्त barta, 121, 276.

बरती barti, 121.

बरतुहार bartuhār, 1286.

बरतुद्वारी bartuhāri, 1286.

बरत्द bartūt, 1285.

बरतृष्टी bartūhi, 1286.

बरत्ची के भात bartūhi ke bhāt, 1286.

बरह barad, 657, 841, 1087, 1096.

बरहरी bardari, 248, 1286.

बर्द्वनिया bardwaniya, 1456.

बरद्वान baradwān, 702.

बरहा barda, 1118.

बार्य bardāëb, 1115.

बरहायल bardāël, 1116.

बरहाना bardāna, 1151, 1201.

बर्दिया bardiya, 1151.

बरदेखी bardekhi, 1285.

बर्ध baradh, 1096, 1097.

बरघा bardha, 1088, 1:94.

बर्धियाएव bardhiyaëb, 1115.

बरन baran, 12, 784.

बरनी barni, 489.

बरफी barphi, 1272.

बरम पिचास barm pichās, 1458.

बरमा barma, 398, 415, 470, 471, 540, 583.

बरमां barmān, 398.

बरमोतर burmotar, 1209a.

बंदिया barariya, 378.

बररो barri, 1043.

बरहे barre, 1043.

बर्ख baral, 123.

**बरक रस**ी baral rassı, 123.

बरवाच barwāh, 915, 945.

बर्बेbarwe, 1050.

वरबादन barsāin, 1114, 1398.

बर्से barse, 966, 1034, 1085, 1087, 1090, 1092.

बर्बे barsai, 1088.

बरसेनी barsaino, 1398.

बरह borah, 116, 276, 930.

बग्हत्या barhattha, 751.

बरह्रस्थी barhatthi, 740.

बरहरी barahdari, 248, 1236.

बर्हन barhan, 12.

बरहम barham, 1455, 1456.

बरहम अस्थान barham asthän, 1455.

बरहम देव barham deo, 1456.

बरहमन barahman, 1217.

बरहा barha, 33, 115, 116, 121, 930.

बरही barhi, 33, 118, 121, 1406.

बरहे barhai, 1090.

बरहीघर barhaughar, 1234.

बरा bara, 1272, 1491.

बराइन barāin, 12.

बराएव barāëb, 949.

बरा गन bara gaj, 1491.

बराँडी branti, 975.

बराटी barāthi, 1250.

बरात barāt, 1290.

बरार barār, 788.

बराहिल barāhil, 871.

विश्वात bariyāi, 1043, 1290, 1330, 1379.

बरियार bariyār, 800, 808, 922.

बरियार पानौ bariyar pāni, 922.

बरिसं barise, 1089.

बरो bari, 994, 1272, 1869, 1381.

बर्बा birua, 239, 639, 859.

वरका baruka, 713.

बरेन baren, 12.

बरेखो barekhi, 767, 1285.

बरहा baretha, 414.

**बरे**व bareo, 1050.

बरेडा baraitha, 1050.

बरैन barain, 12.

बरैनी baraini, 12.

बरींची baraunkhi, 1005.

वरीक्षी baraunchhi, 536. बलकट balkut, 875, 1198, 1223. बलको balkasi, 785. बलको balko, 984. बलका balkhā, 388.

बलखाइया balkhoiya, 984. बलताइ baltār, 379.

बलयर balthar, 785.

बलपुम baldhus, 785.

बजमटार balamtar, 767.

वलादका bal rakkhā, 870, 871

बलरखी balrakhi, 870.

वुलरी balri, 984.

बलवा balwa, 785.

बलवाइ belwāh, 785.

वसदार balsār, 1008.

वलस द्रो balsundari, 785.

बलसुन balsun, 785.

बनसुन्दर balsundar, 785, 787.

वलसुम balsum, 785.

वसमुम्ही balsumhi, 785.

बलाइ balāï, 1165.

बलान balān, 788.

बिलदान balidan, 1457.

बिस्ता balista, 637.

विश्व baliha, 379.

बलु**ञाट** baluath, 377, 785.

बलुका balua, 785, 812, 1074.

बनुन्मा बाँगर balua bangar, 802.

बलुद्या भौड balua bhith, 802.

बलुई balui, 1074.

बजुखा balukha, 1001,

बनुरी balur:, 981.

बलसाही balusahi, 1272.

बरोग्रा balea, 757.

बलेटा baletha, 377.

वसम ballam, 102.

बक्ता bulla, 183, 185, 200, 322, ६40, 1258.

वसी balli, 217, 1258.

व विरिया bamwariya, 303.

ब वारी bamwari, 363.

बस bas, 1025.

वसगौत basgit, 796.

बंसजीती bansjoti, 33.

बंसजीर bansjor, 931.

वसती basti, 784.

बमदौरी basdauri, 1407.

वसनी bisni, 693, 713.

ब सपे टा bansphenta, 651.

बसन्ती basanti, 379.

बंसफ्डा bansphattha, 654.

व सबसी bansballi, 183.

बसमतिया basmatiya, 976, 979.

वसवारा baswanta, 1183.

ब सवार banswar, 814,

वं सवारी banswari, 814.

वसहा basaha, 1111.

बसाड़ basar, 814.

वसाँदी basanrhi, 1075.

वसावन कुंच्यर basawan kunar, 1456.

वसिया basiya, 1272.

वसिका basila, 395.

बसुदी basurhi, 1201.

बसुला basula, 394, 395, 470.

बसली basuli, 421.

बम्ला basūla, 395.

बसे base, 393.

बसेड़ baser, 814.

बसौता basaunta, 1075, 1183.

बंसीस bansaura, 183.

बस्त bast, 1218.

बस्त ६ baştar, 723, 965.

**45** bah, 954, 1275.

बहकल bahkal, 1132.

बह्का bahka, 533.

बहुखा bahkha, 32.

बहुंगी bahangi, 651, 657.

बह्युनर bahguna, 674.

बहुट bahat, 1132.

बहुट ज(एव bahat jaeb, 1132. बहुना bahna, 713, 954. व**ष्ट्रव** bahab, 817. वहर bahar, 1254. वहरसरा baharghara, 1153, 1254. वश्वरनी baharni, 972. बहरभू म buharbhum, 784b, 790. वहरसो baharsi, 784b, 1147. बहरिया b.hariya, 1203, 1458. बहरेया bahraiya, 1203. बहरी bahro, 1162. बहुत bahal, 148, 207. बहुजो bahli, 148, 207. बहुबोसी bahloli, 769. बहुस्ति bahsali, 356. वहार्ग baharan, 848. विषयि baharal, 58. वहावे bahane, 1088. **बहाँगा** bahinga, 651, 657. बिया bahiya, 1184. बिखार bahiyar, 3, 784, 832, 1147. बिदा bahera, 379. विद्या bahila, 1114, 1398. बही bahi, 280, 911, 1462, 1163b, and c, 1485. बही खाता baki khata, 1462. बहाँ पर से नाम उतर गेल bahi par se nam utar gel, 1185. बहुवासीन bahuasin, 1293. awzt bahulta, 767. TEUT bahunta, 767. बहत bahut, 240, 655,829,541,1002 381 bahura, 1294, 1443. बहुरी bahure, 1272. बच्च bahu, 1275. बहे लिया baheliya, 381.

at bahe, 1087, 1088.

बहेको baheli, 148, 207.

बहै bahai, 1087, 1088. बहोर्बी bahorns, 972.

बहोड़ bahor 1456. बहोर bahor, 1294. बा ba, 741, 957, 987, 1001, 1089. बाउग baug, 855. बाब्योग baog, 855, 964. बाँक bank, 233, 325, 416, 583, 754, 707, 977. बॉक्टा bankta, 1077. वाँक कखानी bank rukhani, 400. **बाक्त** bakal, 283. वाक्स oakas, 656. बौका banka, 1074. बाकी baki, 1463b, 1468a, 1472... afan banki, 583, 1074. वाकी तश्वील baki tahbil, 1463b. बाग bag, 813, 978, 1124. बाँग bāng, 1019, 1020. बाग डोर bag dor, 113. वाम बर dagnar, 978. बाग सलबात bag salwāt, 1408. चौगर bangar, 204, 786, 802. बाँग्र करेंब bangar karail, 786. वाँगा banga, 329, 1016, 1017, 1018. 1019. बाँगा प्रव banga phutub, 1018. वाँगी bungo, 1016,1017,1018, 1019. वाँगो फटब bango phutab, 1018. वाक्र bachha, 1118. बाक्को bachhi, 1118. बाज baj, 585. बोजन hajan, 1026. बाज baju, 767. वास banjh, 1398. वाभा विका banjh bahila, 1398. वास्मिन banjhin, 1398. बॉक्तो banjhi, 1078. वाट bat, 643. बाँट bant, 902, 1214. afza bantal, 123. बांटल रस्को bantal rassi, 123.

बार्टी bāti, 677, 692, 1084.

बॉटी bānti, 902.

बटोतसरा bātotsarg, 1459.

बाँड bānr, 789, 987, 1109.

बाडा bāra, 1272.

बांडा banra, 1109.

वाँड़ी bari, 784, 1040.

बाडी bārin, 1275.

बाद bārh, 584, 1080.

बाह्न barhan, 51.

बार्टान bārhani, 54.

बाढ्ब bārhob, 58.

बाह्य bārhi, 1080.

बात bāt, 478, 655, 1088, 1181.

वाता bāta 233, 1174, 1249, 1258.

बाती bāti, 51, 1258, 1428.

बाहर bādar, 1038.

बाहिया bādina 417.

वाध bādh, 639, 784, 1147.

aft bandh, 77, 833, 919, 953.

बाँधव bāndhab, 1378.

ৰাঘী bāndho, 655.

बाधा bādha, 642, 735

बांधी bandhi, 184.

बान bān, 167, 478, 585, 639, 851, 982, 1113.

बानर bānar, 834.

बाना bāna, 1042, 1195.

बानी bāni, 849. 1195.

बान्ह bānh, 741, 919, 953.

बान्द्रल bānhal, 444.

बाप bāp, 393, 1043.

बापक bāpak, 356, 781.

afg bāmbu, 1034.

बाभन bābhan 964, 1451.

बामन bāman, 999 (note).

बाया biya, 914.

बारता bārta, 375.

बार्ड bārah, 1020.

बारही bārho, 1086.

बारा bāra, 562, 1205, 1272.

बारी bāri, 753, 807, 832, 1016, 1148, 1218.

बारी बस्त bari bast, 1218.

बाल bāl, 788, 958, 984, 986, 990, 1189, 1411.

बाज कड bāl chhar, 1381.

बाल तराम्मी bāl tārashi, 14:1.

वालम bālam, 1070.

बालम खौरा balam khira, 1070.

बाजा bāla, 757, 768, 785, 936, 1074, 1258.

बालिस bālıs, 1266.

बासी bali , 753, 764, 958.

बाकीस bālis, 637.

वाल bālu, 824, 1074.

बालूचर baluchar, 1037.

वालू मेज bālu mej, 324.

बालू माधी bālu sahi, 1272.

बाल bālai, 1376.

बाल मीयां bālai miyan, 1376.

बाबम bāwag, 818, 855, 857, 863, 864, 1008, 1039.

बावम का ब bāwag karab, 855.

बावली bawli, 215, 224, 764, 920.

वास bās, 356.

बॉस lāns, 183, 242, 249, 814, 231, 978, 1491.

विसक bānsak, 811.

बांसक बीठ bānsak bith, 814.

बांस के कोडी bans ke kothi, 814.

वासघर bāsghar, 1320.

बांस भूख bāns phul, 978.

बासमती bāsmati, 973, 975, 977, 978, 979.

बासा bāsa, ५78, 1236.

वांसा bān xa, 24.

बासा पसिन bāsa pasin, 978.

बासी bāsi, 1272.

वांसी bansi, 1075.

वासी कसी bāsi kosi, 1272.

बांच bānh, 593, 568, 817. बाह्य bāhab, 1115. बाह्य bāha, 954. बांडी binhi, 558. वाँच banhu, 768. विद्युष्टन biahan, 1121, 118). विकारी bieri, 1346, 1468a, 1470, 1472, 1479; Appendix, 14. विकरी आम bikri ām, Appendix, 14. विकरी के भाव bikri ke bhāo, 1479. विकीचा bikāua, 1346. विखिया bikhiya, 1281. विखेय ( bikheya, 1281. विशर्क bigral, 1077. विगरल हासिल bigral hāsil, 1077. विग्रहती bighati, 1194. श्चिम का bigha, 1020, 1495, 1496. विचरा bichra, 862. विचार bichar, 1088. विचा bicha, 856, 878. [44] bichchi, 533, 1014. बिक्रनी bichharni, 392. विकर्न, bichharab, 39!. विक्रवतिया bich hwatiya, 1075. विद्याच्योग bichhaon, 637. बिक्किया bichhiya, 772. विक्ञा bichhua, 196. बिकटी bichhuti, 726 बिक्कीतिया bichhautiya, 1075. विक्रीना bichhauna, 637. विज्ञचार bijghant, 776. विजयार bijmar, 859, 1078. बिजुली bijuli, 764. विजायंड bijaeth, 767. विचावड bijawath, 754, 767. विज्ञली bijuli, 767. विषोडा bijautha, 754, 767. ৰিহৰ bitan, 233. बिठ डा bittha, 652.

वितर्दे bithai, 209.

विंडा binra, 894. बिंड्डो birnri, 652. विड़ार birar, 798, 818, 862, 982. बि डिया binriya, 149,196,652,1096. बिंड्या binrua, 652. विष्टा binda, 937. **विवड**ी bindi, 924. विता bitta, 1489, 1490. विषार bithar, 713. बिद्धनी bidahni, 821, 826. विदागरो bidagri, 1294. बिदागी bidāgi, 1291, 1294. बिदाह bidāh, 824, 826. विदेत bidit, 1090. विश्वे बाम bidesi barm, 1456. बिधकरौ bidhkari 1355. विधवा bidhwa, 1088, 1279. बिन bin, 1025, 1085, 1088. बिननिष्ठार binnihar, 878. विनद्वाद binhai, 856. विनद्दामी biuhamo, 1095. विना bina, 1090. विवाद binai, 639. बिनाब binaw, 639. विनावड binawat, 248, 639. बिनियां biniyan, 877. बिनुचा binua, 852. बिनुमा गोदठा binua goitha, 852. विनौड binaut, 639. बिन्ही bindi, 747. विन्धा bindha, 1176. विवाह bibah, 1273. ৰিযেনুদী biyahuti, 2+1. वियहतौ पांचकी biyahuli paiki, 211 विया**ज** biyaj, 1475. वियाज biyaju, 1485 वियान biyan, 1116. बियाना biyana, 1116. वियामार biyamar, 559. वियार biyar, 862, 982.

15

वियाह biyāh, 1194, 1273. वियाह दानी biyah dani, 1201, 1273. िवयाची biyahi, 1276, 1338. विया ही भात biyahi bngt, 1338. वियो आ biyaua, 1196. बिखी birkhi, 767. विरखोतसर्ग birkhotsarg, 1459. विग्नियाएल birniyāel, 1076. चि । वा birwa, 1056. विर्वाद birwai, 1073. विरहरा birahra, 1055. बिरहा birha, 1154. विराह birah, 826. विदित्त dirit, 1194, 1209, 1209a. िश्विदार biritdar, 1209. विश्तिष्ठा biritiha, 1209. चिरिया biriya, 196, 335 , 1055. निरंडी b renti, 767. बिलस्त bilast, 1489. विषस्ता bilasta, 637, 1489. विल इंस्त bilhast, 1489. बिलाएसो bilaeti, 329, 1061, 1059, 1073. निलास्ती पट्टा bilaeti patua, 1073. विल। एती वैं गन bilaeti baingan, 1073. fबहें या bilaiya, 175, 183, 1250. विस्तो billi, 1250. विश्वन bishun, 1209a. बिमान अर्पन bishun arpan, 1209a. बिशान प्रीत bishun prit, 1209a. विमावाच biskhab, 1158. विसरी bisti, 726. बिस्माही bismadi, 867. विसमिल öismil, 1499. विषयांव bisranu, 1416. विभरी bisri, 646.

विमवा bis a, 1496.

88 R. & J.

विसद्धरा bisahra, 1456. विसाखा bisākha, 1082.

विसादी bisarhi, 1183. विषार bisar, 646. विवासी bisari, 616. विस्वव bisukhab, 1158. विसन bisun, 914, 971, 1203. विस्न व्यन्स bisun ans, 1203. विस्निटिया bisuntiya, 971. विसन पिरित bisun pirit, 914, 971, 1202. विस्वकामी biswakarma, 299. ৰিছভ bihar, 791. बिचनटीचा bihandhoa, 864. रिक्चनाइ bihnai, 856, 859, 862, 982. विचनार bihantar, 862. विद्वं वि bihansi, 1088. विद्या biha, 1273. 'विद्वान bihan, 362. विद्वी bihi, 1276. विश्वीतो bihauti, 1322. बोच bīch, 833, 1451. बौजक bījak, 1483. बोम्नल bijhal, 1004. बो*ड bīt*, 253. बोटो bita, 814. बोड *bīth*, 814. बौडा bītha, 652. बोडो *bītho*, 652. ৰীভ bir, 764. बी इ bīnr, 149, 924, 1096. बोड़ा bīra, 1055. बी **ड़ी** binro, 652. बोन bīn, 585, 1073. ates binan, 639. बोवो bībi, 1377. बोबो के सञ्चनक bibi ke safnak, 1377. बोम bīm, 322. बीमा bēma, 1483. बीय biyar, 1121. बोबा bīya, 856, 862, 982, 1057, 1070, 1078,1189.

बीया के चाल biya ke ālu, 1057. बोया बाल biya bal, 1189. बीया वैंगा biya benga, 1189. बीया मार bīya mar, 1078. वीर bir, 409, 965a, 1456. बोरी bāri, 335f, 409, 1272. बौंवा binwa, 1483. बो**इ'**ड bīhanr, 791. बीहन bīhan, 856, 862, 982, 1008, 1189. बुद्धाम buiyam, 372. बुक्क खाः bukua, 1320. बुक्कमा उड़ाइ bukwa urāi, 1320. बुक्ती bukki, 737. बुभारण bujharath, 1485. बुभौता bujhauta, 1485. बुद्धा butla, 959. बुड्वक burbak, 741. बुद्धा burhwa, 969. बुद्या burhiya, 1074. बुद्बुदाय budbuday, 1084. बुनियाँ buniyan, 1272. बुरकी burji, 585. बुर्विक buribak, 394. बुर्ज buruj, 399, 402. बुर्ज खाप buruj khap, 402. बुर्ज खाव buruj khab, 402, बुला क bulak, 763. बुद्दे būi, 1458. वुभाव būjhab, 1484. बुंड būnt, 994, 1002. बुटी lūti, 475. वू 'डा būnti, 1003. वड्ल būral, 1477. वृद्ध भेलें būral bhelai, 1477. बुहा būra, 1458. बूत būt, 724. ब्त के पगड़ी būt ke pagri, 724. ब्रुवब būnab, 855. बुनल bûnal, 855.

बैच्यान beāj, 1475. बे खाड beāju, 1485. ब चाना beāna, 1483. बे च्याल beālu, 1:70. बे ज गा beunya, 486. बे खीपार heopār, 1461. ब औगा beon a, 486. बं खों भौ beongi, 456. बॅ च्योतब beotab, 1071. ब कत bekat, 1275. ब गबा bengwa, 785. ब गार begār, 844, 1184. वं गारी beyāri, 1184. बे **कारा** bejhra, 95**9.** ब टबा betwa, 1281. वेटिया betiya, 1252. बॅड़ाठो benrathi, 1250. ब डिया benriya, 414. ने दियाँ berhiyan, 1183. ब तड़ी bentri, 121. बं दाँमी bedāmi, 1043. बंधवार bedhwar, 566. ब नाडी benathi, 1250. ब निया beniya, 747, 1272. बे नियाँ beniyan, 529, 1249. बेबाक bebāk, 1485. ब बाका भेज bebāk bhail, 1485. चेमारी bemāri, 117 b. चेयाद beyāi, 914. व यापार beyāpar, 1461. ब रहे berai, 959. ब र्रा berra, 959. ब रहिंद्या berhatiya, 1270. वे रहिन berhin, 1272. बे रही berhi, 1272. ब रहीया berhiya, 1272. ब राडी berathi, 1250. ब र आ berua, 96, 239. ब जना belna, 346, 457, 628. • बें जनी belni, 611.

वेसवन belwan, 1 | 83. वेलच्या belahra, 660, 768, 1055. वेजहरी belakri, 660, 1049. वेजहरी साँची belahri sanchi, 1049. वं जोन्हा belonha 1183. बेलींधन belaundhan, 1183. वे लौं धा belaundha, 1193, बेखीर belaur, 965h. ब वरा benwra, 1250. वेवहरमत bewhargat, 1461. ब वहरिया beohariya, 1481. ब वहार bewhar, 1461. व सना besna, 78. ब सिंह क besahiha, 1113. बेहरा पांचे behra pānche, 1445. ब साची besakhi, 654. वेसाई besahai, 1113. बेहरा पचि behra panche, 1445. बे हरी behri, 1303. चे चवरिया behwariya, 1461. a Batta behwa!, 1094. \$ be, 796. ਕੋ oen, 490. बैंगा benga, 486, 785, 862, 982, 1173, 1189. To beneha, 1088. बेचो bencho, 1087. बे क्ष्पर be chhappar, 796. बात bent, 29, 60, 75, 87, 88. बेटा beta, 1451. बेटा का सिर पर चाथ घे कं beta ka sir par hanth dhai kan, 1451. बेटन bethan, 389. a e benr, 1250. बे इर benra, 1250. ब की beri, 1130. बेट berh, 1148. बंदी berhi, 77. बे ती bents, 121.

₹ bed, 1090.

बेहाम bedam, 1002. बे दि bedi, 1332. बे दि घुमाएव bedi ghumaeb, 1332. ब ना bena, 1249. बनो beni, 747, 1249, बेर ber, 1234. व रा bera, 757, 768, 1234. बे **री** beri, 1183. बे रो bero, 814. बंस bel, 198, 749, 1052. बेखन belan, 498, 595, 628. ब खि beli, 154. बे स्ती beli, 154. a a benw, 490. बेबा bewa, 1279. बेसन besan, 1272. बेसर besar, 763, ब गर्नो baingni, 1043. बें उका baithka, 1239. बें उकी baithki, 442, 1320. बै उनी baithni, 623. बैठाचील baithaol, 795. ब टार baithar, 1153. ने तर्नी baitarni, 973. बे (रया bairiya, 1113, 1135. बेरिया गोल hairiya gol, 1113, 1135 व सका baiska, 623. धें सकी baisko, 623, ब सक्खा baisakha, 1084. बेसनी baisni, 623. बेसाएब baisaeb, 1328, 1333, 1429. ब साख baisakh, 1039, 1082. बेसाम्रोल baisao/, 851. **■** bai, 363. ब गन baingan, 1073. बंड basth, 1118. बंडन baithal, 1076. बेउल छासिल baithal hasil, 1076. ਕੋਰੇ baithe, 568, ब दार baidar, 1214.

बे दिक baidık, 1459. ब धब baidhab, 1279. बैना baina, 1113. वे विक वषा bai bil wapha, 1482. बेर bair, 1430. बे समी bairagi, 733. बेरी bairi, 1073. बे बट bai/at, 491. बैसड bailath, 491. चेक bail, !28. 261, 572, 841, 889, 99<sup>9</sup>n, 1096, 1097, 1118, 1118. बेस hais, 41e, 1343. बेसक baisak, 78. वे सन baisan, 6 ? 3. ब सब baisab, 1429. वें से baise, 1089. TETT baihar, 784. बोकड़ा bokra, 963, 1121. बोक्ता bokla, 984, 1031, 107%. बोक्तला चीन b kla bin, 1073. बोगहा bogda, 1,41. बोगहा bogha, 863, 964, 968. बोगिया bogiya, 49. बोगेड़ा bogera, 964. बोक्तिवा boj aniya, 321. बोक्तनिया चौद bojhaniya hund, 321. वोक्तबताइ bojhbatai, 913. बोम्बाइ bojhai, 321, 372. बोकाइ के चौद bojhai ke haud, 321. बोढ, बो borhni, 53, 439. बोन bon, 844. बॉनि boni, 1185. बार की borsi, 1247, 52?. बोचनी bohni, 1480. बोहनो वहा bohni batta, 1480. बोचार्य boharab, 58. बोबाबी boani, 855, 863.

बोध्यस boal, 855. बोग्राइ boai, 855. बोदन boin, 1017. बोइड boiha, 1084. बोर boe, 967, 1085, 1086. नेका boka, 1121. बो श bong, 654. बोका bojha, 882, 881, 885, 886, 913, 1013, 1145, 1194, 1196. बोट न borhan, 53. बोता bota, 472, 1131. बोतू botu, 1121. बोतो boto, 1121. बोहर bodar, 951. बोनौ boni, 855. बार ber, 1272. बोर बोर bor bor, 1272. बोरस boras, 1247. बोरा bora, 130, 982. बोरो boro, 980, बोला boli, 1091. वाचे 3ole, 1088. बाह्य boha, 1080. बोडको baudandi, 213. वौचा baua, 1088. बों खा baunkha, 32, 768. बोड़ी bauri, 1499. बोघा baugha, 858. बापार baupher, 1458. बौरा baura, 1294. बीलो bauli, 224. To bouh, 1275. ब्रमभो न brambhoj, 1426. जाइमन brahman, 1286, 1426. त्राइमन के गोड़ छू कां brāhman, ke gor chhu kun, 1451. ब्र। इसन जवनार brāhman, jeonar, 1426.

#### 11 H 6h 11

भरवारा bhaiara, 1345. भरवारी bhaiari, 1345. भरवारी bhaichara, 1345.

พร์ bhain, 1120. भए bhae, 1026, 1085. भख चटचा bhakh chatua, 1076. भखड़ bhakhar, 1078. भखड़ जाएव bhakhar jāeb, 1078. भिखयाएल bhakhiyāel, 1076. भगई bhagai, 726. भगत bhayat, 1453. HITTE bhagtai, 1453. भगतिया bhagatiya, 1453. भगरा bhangra, 1075. भंगिरिया bhangariya, 1075. भंगरेया bhangraiya, 1075. भगवा bhagwa, 726. भगाड bhgār, 920c. भगे जिया bhageliya, 1486. HE bhankh, 1074. शकु bhang, 1036. भंजनो bhanini, 363. मंजहरिया bhanjhariya, 291, 846. भंज चा bhajha, 1172. भ जावाचा bhanja wala, 846. भंजेड bhanjeth, 8 +6. भंजेत bhanjait, 846. भंजीता bhanjuuli, 846. भन्ना bhanja, 816. भटकुर्जी bhatkuan, 1073. भटकोंचा bhatkoffa, 1073. HZIS bhatrang, 1264. भद्दी bhatte, 529. सटहा bhattha, 312, 920c, 1264. भदि bhatthi, .71, 454, 562. भट डोहार bhatthidar, 371. भटाय्ब bhathāeb, 857, भडीमो bhathauni, 1006. भंडारी bhandari, 197. ਸਵਰ bhaddar, 1087. अइदि Ukaddari, 1087, 1088. HEED bharkachk, 726. HEATE bharkachk, 726.

भइत्रदे bharkui, 920b. भड़भं जा bharbhunja, 433. भं**ड** की bhanrnki, 920b. HUET bhanta, 1073. भारार bhandar, 1433. भतवान bhatwan, 1341. भतवानी bhatwani, 1841. भतार bhatār, 1088, 1274, 1279. भतुत्रा bhatua, 1071. भत्ता bhatta, 252. भथले bhathkhas, 1286. भचक्रवा bhuthkūān, 920c. भद्र bhadr, 1418. भरर करायन bhadr karāeb, 1418. भद्दवी bhadwi, 996. भद्देया bhadaiya, 965, 1016. भद्रपद् bhadrapad, 1082. भनमा bhansa, 1248. भनका घर bhansa ghar, 1248. भनसर bhansar, 435. भनसारी bhansars, 431. भभका bhabhka, 713. HHET bhabhra, 994. म भरा bhambhra, 1249. भभरो bhabhri, 1272. समरा bhamra, 1249. भये bhaye, 1991. भर bhar, 262, 867, 1010, 1092, 1174. भरक bharkachh, 726. भरका bharka, 1074. भरकाषा bharkaha, 1098. भरको bharki, 1074. भर खरपी चोच्च bhar khurpi sohab, 867. भर जाएव bharjaeb, 1174. भर ठेडूना bhar thehuna, 1010. भरता bharta, 1272. भरती bharti, 872. भरदोगा bhardina, 842.

भर्न bharan, 920c. भर्गेड bharnath, 1251. भरना bharna, 731, 1251, 1477. 1482. भर्**नी** bharni, 1082, भरन bharant, 1091. भर्ब bharab, 1388, 1390. भाभाष bharbhañr, 1075, भर्ष bharal, 850, 915. भरवन bharban, 838. भरचिवा bharsuliya, 842. भरसांच bharsāin, 434, 435. Hitz bharanth, 1251. भराना bharana, 731. भरानी bharāni, 179. भराव bharāw, 731. भरावट bharawat, 475. अविध bharith, 666. भवका bharuka, 713. भवको bharuki 713. सर bhare, 1087. भरे ड bhareth, 1251. भरेड hharaith, 1251. भरेया bharaiya, 801. Hatt bhanwara, 1074. भंवरी blanwri, 1332. भवानौ bhawāni, 1458. अवाँदी bhawānri, 1219. अधनी bhasni, 831. अवस bhasam 414. अवन bhasal, 920c. भम राष्ट्री bhasurahi, 786. भा bhan, 1085. भार bhāi, 1088. भाकार bhākur, 1458. भौख bhānkh, 1074. आंखो bhānkhi, 1074. भाग bhāng, 1036. भागर bhagar, 788. भागजपूर bhāgalpur, 1486.

भाज bhānj, 291, 363, 846, 872, 1205. भौजा bhānja, 872. भाँजा धिरे bhanja sire, 291. भाषा bhānji, 1001. भौजी bhānjo, 816. भौटा bhānta, 1073. भौटिन bhantin, 965i. भाउ bhāth, 802, 901. भारती bhāthi, 1264. भौड bhānr, 713. भौड़• bhānra, 138. भाँदा bhānra, 136, 138, 140, 467, 713. ਮੀਤੀ bhānri, 495. भात bhāt, 963, 990, 1084, 1087, 1272, 1286, 1338. भाइब bhādab, 1087. भादों bhādon, 1082, 1087, 1088, 1092. भौषी bhānthi, 414. भाषी bhāthi, 414, 510, 554, 560. 545. भाग bhān, 1087. भागस bhänas, 1218, 1268. भागस घर bhānas ghar, 1248. भ:र bhār, 435, 444. भारा bhāra, 1483. भारी bhāri 657, 737. भारो bhāro, 444. भाज bhāl, 972. भारत चरी bhāl sari, 972. भाषा bhāla, 102. भाव bhāo, 1479. भावकी भाव bhāo ke bhao, 1479. भौबर bhanwar, 912, 1194, 1196, 1332. भावली bhaols, 902, 1198, 1221, 1225. भौवाँ देश bhanwan dera, 1110. भाष bhās, 789, 923.

आ**रे** 8/4 है।

भिष्का bhichehha, 1203. **ਮਿਤਗरा** bhithgra, 1000. भिनारा bhithara, 811. भिष्टा bhinda, 917, 1050. भि**प**डी bhindi, 1073. भित्रभेड़ा bhitbhera, 1256. भितमेरा bhitbhera, 363. **भिरं**गी bhirngi, 999. futal bhirukhi, 1173. भिकोर bhi/or, 1183. सिम्राह्य bhillari, 1084, 1085. भीख bhīkh, 1205. भोजे bhije, 737. भौं के bhānjai, 1087. भीड bhith, 784, 802, 811, 1050. भी डा bhitha, 784, 793, 811. भौठी bhitho, 784. भींड bhinr, 917. भीत bhīt, 1235, 1251. भीत घर bhit ghar, 1285. भीता bhita, 836, 1251. भीष bhis, 785. सम्बापाम bhuāpāg, 1272. सर्वाखरी bhuinokari, 612. संदू चम्पा bhuin champa, 585b. सद्द्वा bhusla, 1074. सदलो bhuili 1074. सद्वोट bhuilot, 1263. सुद्धीकर bhuinsikar, 966b. समानान bhugtan, 1487. Haul bhuchappa, 585b. सचस्पर bhuchamfa, 585b. भजना bhujna, 1272. संजना bhunjna, 483. भजनाठी bhunjnathi, 56, 439. सम्बर्ध bhunjabra, 1241. सतका bhutka, 1073. HET bhutta, 984.

सङ्की bhurki, 1253.

स्दा bhunrki, 612.

संख्या bhunron, 1107.
संख्या bhunriya, 612.
संख्या bhunriya, 956.
संख्या bhunla, 1107.
संख्या bhunda, 729, 1173.
संख्या bhunda, 729.
स्रित्येलाच bhutiailah, 356.
संख्या bhundo, 612.
स्रभतान b!ubhtan, 1485, 1487.
स्रभतान हो गल bhubhtan ho gail, 1485.

सरका bhurka, 713. सरकी bhurki, 713. सर्पत bhurphut, 922. सरशे bhurri, 1074. सरसी bhurli, 1005, 1074. HIEI bhurha, 922. सरियाँ bhuriyan, 431. सरिका bhurila, 1074. सरिकी bhurili, 1074. सर्र bhurra, 1014. समकार bhuskar, 895. सुसकारी bhuskari, 895. समखार bhuskhar, 895. समघर bhusghar, 895. संबना bhusna, 1023. सुसनी bhusni, 785. सुचरङ्गा bhusranga, 1264. स्<sup>\*</sup>सङ्कल bhunsahul, 895. ससरिया bhusuriya, 1264. स€रो bhusurs. 786. संसीर bhunsaur, 895. सबील bhusaul, 895. सनील घर bhusaul ghar, 895. सस्बस्तवा bhusbhulba, 895. सस्वा bhussa, 891, 990, 1004, 1145. भूका bhūa, 284, 1071, 1074. भूका bhāja, 1272. भू जा bhūnja, 433, 1272. सृष् bhanr, 922.

ĊXX भू पूर bhānra, 1107. भू 📢 bhūnri, 729. भूत bhát, 1457, 1458. भ नित bhūnal, 963, 1272. भूगन खिचड़ी bhūnal khichri, 963, 1272. भूष bhūp, 1073. भूप सेम bhūp sem, 1073. भूमि bhūmi, 1203. भूमि ग्रानेख bhāmi ganes, 1203. भर bhūr, 156, 922. भूरा bhūra, 1014, 1052, 1071. भुषा bhila, 1132. भुता जाइज bhāla jail, 1132. ਮੁਚ bhūs, 991, 995, 997, 1092. भुषा bhūsa, 894, 895, 990, 994, 995, 10045, 1145. भू भा bhünea, 894, 1004, 1145. भूखा **घर** bhēsa ghar, 895. भवी *64 इ.स.*, 990, 1183. भ को bhūnsi, 894. मे**ड**री bhekhri, 1183. मॅगरिया bhengariya, 1075. भेटवींस bhentwāns, 999, 1076. Haniar bhenrkibar, 973. ਸੱਵਬਵੇਂ bhenrdhurai, 1150. मॅड्वा bhenrwa, 1074, 1:04. मॅडाडी bhenrari, 848. भे दिखर bhenrihar, 488, 1150. भेरिकार bhenrehar, 1150. मिन्दारा bhenrihara, 1150. भेगाषी bkenārs, 848. मेमरा bhemra, 1074. 과짜ত bhelakun, 604. मंत्र bhelai, 1477. He bhent 999. में \$ baenr, 1104, 1123. अंका bhenra, 1074, 1123. अंदिन bhenrik, 1123.

भेदिन वचा bhenrik backcha, 1123.

भे की bhenri, 851, 1128. भें को बेसाब्योज, bhenri baisaol, 851. भे देरे चिराच्योच, bhenri hirāol, 8०? भे 📢 bhenro, 1123. भर bher, 832, 1214. भेज bhel, 864, 957, 987, 990. मे**ड**ी bhels, 1014. भेबटि bhaibant, 1214. भे**बवे**ट bhaislet, 965j. में बाएव bhainsaeb, 1115. भैं बौटा bhainsauta, 1439. में बीटा bhainsontha, 1139. भें बाँघा bhainsondha, 1151. भेयक bhaiyak, 1446. भया bhaiya, 1088, 1214. मेया दौंट bhaiya bānt, 1214. भेर्ब bhairab, 1456. मरो bhairo, 1456. भंत bhail, 957, 1485. भेबघ bhaiwadh, 1214. भंस bhairs, 1120. भेबा bhainsa, 1120. ਜਵੀ bhainsi, 1120. भोकसंबा bhokaswa, 1458. भोकिका blokila, 954. भोकोषा bhokaua, 818. भोगिला bhogila, 1016, 1019. भोचरी bhochrs, 1016, 1019. भोजनी bh jni, 11.7, 1201, 1435. भोजहरी bhojahri, 713. मॅटिया bhontiya, 646. भोषरा bhothra, 637. भीरहा bhor 'a, 984. भौराच bhorah, 984. भौरियायन bhonriyae', 1132. भौंसीना bhonsaula, 895. भोग bhog, 972, 975. भोज bhoj, 1341, 1345, 1426, 1435. मोड bhor, 1217. सीर bhor, 1026, 1076.

भौरा bhonra, 1249.
भोसा bhosa, 1138.
भौतत्वा bhaukattu, 913
भौरक्की bhaunrkali, 595.
भौरिया bkaunriya, 828.
भौजा bhaunān, 1110, 1113.
भौजा टेर bhaunān ter, 111, 1113.
भौजा हेर bhaunān der, 1110.

भौंको bhaunki, 49, 442. भौंडा bhaunta, 898. भौंडो bhauntho, 252 भौंता bhaunta, 252. भौंतो bhaunti, 346. भौंदो and bhaunr kali, 261. भौंदो bhaunri, 1194, 1332.

### 11 Hm 11

H man, 1234. मण्हा maeda, 1272. सकाई makai, 983, 984, 1183. मकई के डाँट makai ke dānt, 1'83. मकड्रा makra, 1075. मक्ता makna, 1382. मकफल makphūl, 1481. मकरा makra, 993, 1183. मक्री makri, 7, 331, 346, 375, 585। 587, 933, 940, 1250. मकान makān, 1234. मकारबीर makarbir, 299, 1456. मञ्जना makuna, 1129. मक्तनौ makuni, 1272. मकुन्दी makundi, 1272. मञ्जन्दी दाना makundi dana, 1272. मकीया makaiya, 983. सकीय makoe, 1073. सक्खन makkhan, 116ं. मखद्माना makhdumana, 1441. मखद्भ प्राष्ट्र makhdum shah, 1441. मखाना makhana, 1419. मगनी magji, 748. - म गरीका mangtika, 762. मंगनी mangni, 912, 1196, 1366, 1453. मंगनी चंगनी mangni changni, 1488 मंगारा mangra, 161, 713, 1074, 1262.

**मँगरी** mangri, 1257. मगवासी magwasi, 335c. मग ही magki, 1049. माघा maggha, 1082, 1084, मघड़ा maghra, 805, 818. मघड़ा चास maghra chas, 818. मचवट maghwat 818. मदा magha, 1086. मघाड़ maghar, 805, 818. मचाड़ जोतब maghār jotab, 818. मघात maghāt, 805. मचार maghar, 798, 805. मञ्जा maghua, 805. मङ्गर् mangar, 152, 161. मचान machan, 70, 232, 327, 429 890. मचियाmachiya, 632. मचोबा machola, 632. मञ्चर machchhar, 1183. सक्कक machhkachh, 1419. मक्षक जा machhkachh la, 1419. मक्रिया machhariya, 764. मक्षिया machhaliya, 764. मक्लो machhli, Appendix, 14. मक्का machhua, 232. महिती machhaiti, 1075. सचना majna, 362. मजनी majni, 575. मजरी majri, 1074.

मिनक majil, 1416. मिनक के जानिश्वाद majil le janihār, 1416.

सचितिहा majiliha, 1416, 1417. सच्चरी majusi, 32%.

संबद्ध majūr, 420, 1184.

मन्दा majūra, 293, 842

मण्री mojūri, 1185.

**मक्का majhni**, 1841.

सन्तवा majhwa, 332.

म भाषार • manjhwāra, 19.

मकोतर majhotar, 33.

म भोचा manjhola, 422.

म भोजी man holi, 148, 482.

मंभारा manjhauta, 252.

मकौतर majhautar, 33.

मञ्जी manji, 507.

भक्ता manjha, 179, 889.

मकार manjhar, 1098.

मटका matka, 718, 1173, 1458.

मरकी matki, 83.

मटक्करी matkuri. 139, 465.

मटकूडी matkuhi, 139.

मटकोड़वा matkorwa, 1306, 1311.

मटकोर mathoi, 578.

मटखना matkhana, 578.

मटखभा matkhabha, 578,

मरखम matkham, 578.

मटपर matpar, 1247.

महस्रकी matmahni, 143.

HZE matar, 1000.

HZZT matra, 959.

महरी matri, 1272.

मटरो matro, 1001.

मटरो साग matro sag, 1001.

मटहा matha, 792.

मटिखान matikhan, 129, 57%.

मटिगर matigar, 186.

मटिया matiya, 572.

महियार matiyar, 578,1786, 802.

मटियार बाँगर matiyār bāngar, 802. मटियार भोठ matiyār bhīth, 802.

मिट इस matiham, 414.

महुका matuka, 83, 372, 696, 713.

मर्की matuki, 308.

महोर mator, 45. 1052

मठा mattha, 1166.

मड math, 1234.

सडगर mathgar, 1161.

मन्त्रांडर mathjaur, 1272.

मडना mathna, 552.

महर्ग matharna, 499.

महरनी matharni, 523.

महार mathar, 409.

मठाहा mathāhā, 1161.

मठाश्ची mathāhi, 1161.

मिडिया mathiya, 757, 763, 1231.

महियार marhiyar, 1161.

मर डा mattha, 1272.

सङ्ग्रे marai, 72, 407, 879.

# 3 mantai, 1234.

म**इइ** marar, 485

म इड़ manrar, 1450, 1452.

महर marar, 1075.

मंद्र manrar, 1217.

मह्रा marra, 603.

महरी marri, 585a.

#31 marro, 268.

मंद्रवच manrwa ch, 1201.

मङ्वा marwa, 1051.

म इवा manewa, 1207, 1855.

मङ्खटका mersa/ka. 1272.

सङ्ही marhi, 1307.

महिया mariya, 523.

सङ्खा marua, 362, 877, 990, 1257.

मङ्खा manrua, 990, 1257.

मण्याती maruati, 1183.

सङ्का maruka, 1234. सङ्ख्या manner, 1075.

सच्चा maraiya, 894.

मध्वा marhwa, 1307, 1308, 1309, 1310, 1311, 1322, 1326. 1327, 1328, 1332.

मद्भी marhhi, 1234.

·मख्प mandap, 1307.

मखर mantar, 1000.

मण्डा mantha, 1272.

मण्डा manda, 823, 955.

माडी जीत mando jot, 828.

मण्ड mandu, 1183.

मण्ड के नारा mandu ke nara, 1183.

मति mati, 1113.

मथर्द्र mathai, 142.

सथनी mathni. 144, 541, 895, 1251.

मधनोका mathbojha, 886.

मथाइ mathāi, 142.

मधानौ mathāni, 769.

मथार mathar, 911.

सदक madak, 1033.

सदत madat, 1201.

मंद्रा mandra, 203, 204.

महाद्रन madain, 1451.

सदियान madiyan, 1126.

मधनरी madhnari, 372.

सन man 790, 1263, 1883, 1498.

मनकौंटा mankañta, 640.

सनकोढ़ी mankorhi, 1098.

मनकौनौ mankauni, 1045.

सन्ख्य mankhap, 903, 1221.

मनखम mankham, 275.

सन्त्रो mango, 1005.

मनभाइ manjhai, 341.

मन्द्रक्ष manchalab, 1399.

मनदीका manthiku, 903, 1221.

सनपद manpai, 914.

मनपोचा manpaua, 914.

मनवाँ manwan, 808, 1016.

HAUT mansara, 978.

**मनसरी** mansri, 972.

मनसाराम mansa ram, 1456.

मनहर् manhar, 1140.

मनद्रुष्टा manhunda, 903, 1221.

मनानी दानी manano dano, 1456. मनिक्यम maniktham, 275.

मनिक्यम्ह manikthamh, 1256.

मनिचार manihar, 561.

मनी mani, 903, 1185, 1221.

मनी बन्दोबस्त mani bandobast, 903. 1221.

मनुस manus, 1026.

मनुसदेवा manusdeba, 1458.

मनुस इ व manus deo, 1456.

मनोदी manori 766.

मन्तर mantr, 1457.

मन्ती पूजा mantri puja, 1308.

मम्हर mamhar, 1298, 1300.

मसुद्ध mamuhar, 1300.

ममोरनी mamorni, 325.

मर्दे marai, 1234.

मर्कन markan, 1262.

मरकहा markaha, 1098.

सरकी marki, 912.

मरको गरको marki garki, 912.

मरखाइ markhanda, 1098.

मरखन markhan, 1098.

मरखन्नी markhanno, 1098.

मरखाइ markhah, 1098.

सर्घट marghat, 1418.

मरचढी marghatti, 1418.

मरचिड्या marchiriya, 1458.

मरक्वा marachhwa, 1397, 1400.

मरजाह marjad, 1290, 1339.

मरबाद राखन marjad rakhab, 1339.

मरतवान martaban, 713.

सरतवान martawan, 713.

सर्थमच marthamh, 258, 275.

सर्ह marad, 1274.

मरहाना mardana, 1254.

मरहानी mardāni, 726, 1254.

सर्हावा mardāwa, 1274.

सरन maran, 789. मर्बट marwat, 1209c. मरिद्या marhinna, 1074, 1077. मरहेनां marhena, 1077. मरा mara, 1076, 1077. मराइल marāil, 1004. मरायुष marāel, 1076. मराक् marāchh, 1397, 1400. मरिखर marikhar, 33. महिचा maricha, 1073. मरिया mariya, 233, 397, 523, 541, 552. मरी mari, 1074, 1094. मदचा marua. 1252, 1257. मदका maruka, 71, 879. मरेया mareya, 233, 523. मरेन m iren, 1075. HE marai, 1234. मरोक्स marochha, 1397. मरौँखती marauti, 1217. मरींटी marauti, 1209c. मर्ग murra, 72. मलकांगनी malkangni, 1045. मलकाठी malkāthi, 347, 348, 351. मलकौनी malkauni, 1045. मर्कंशिया malangiya, 680. मलंगिया चारो malangiya thari 650. मजानारी malgujari, 1207, 1220. म**ब**ङ्ग malang, 235. मर्कहिया maldahiya, 1057. मलद्दिया कनकपुरिया maldahiya kanakpuriya, 1057. मलदानी maldani, 1456. सनमार malmar, 1477. मनमास malmās, 1081. मलवा malwa, 24, 238, 663, 713, 719, 1257. मलसी malsi, 603. मलाइ malāi, 1165. सनाइ malāh, 1456. मिलक्यम maliktham, 258.

माजिनयम malikthambh, 1256.

मिलकार malikai, 1201. मिलकाइ चुटकी malikai chutki, 1201. मिलिया maliya, 663, 701, 713. मलौदा malida 1384. मल चा malua, 1023. मजी malau, 110. मिहिया malliya, 701, मबे भी maweshi, 1094. मसक masak, 720. मसकारी maskali, 602. मस्तक mastak, 655. मबन्स mastul, 238. मसनद masnad, 637. मसर masar, 959, मसाद्ध masārhu, 742. मसात masānt, 1499. मसौन masān, 1456. मधातची masālchi, 720. मसाजदार masāldar, 1023. मस्राजा masāla, 423, 1119, 1267. मसाच masāh, 824, 981. मसाइ कर्य masāh karab, 981. मस्यार masiyār, 1087. **मधी** masi. 1183. मस्या masuriya, 985. मसुरिया जनेर masuriga juner, 985. 987. मसुरी masūri, 998. महर masur, 998. मन्स masul, 1488. महकार mahkār, 299. महकार बीर mahkār bīr, 299. मह्यांत्रा madkaua, 1023. मच्याव mahtāb, 585. महताबी mahtabi, 585. मद्यतीचाड़ा mahtoāra, 1217. मध्तों mahton, 1217, 12-8, 1150, मञ्चित दाइ mahthin dai, 1456. महदेवा mahdewa, 19, 938.

महन mahan, 142, 251, 256, 273,

मञ्च भोग muhan bhog, 1272. महनिया mahaniya, 321. महनिया होंद mahariya haud, 321. भहनी mahni, 144. महप्पा muhappha, 247. मह्न mahab, 142. महमाया mahmaya, 1175, '456. महर mahar, 1349, 1362, 1263. महरदार mahardar, 373. महरन mahran, 1161. महाम mahram, 744. महराइ mahrai, 1154. महरू mahru, 1063. महल mahal, 142 महस्त mahsūl, 1488. में हा manha, 995. महाद mahāi, 142, 321. महाद के चीन mahāi ke hauj, 321. महाजन mahājan, 1456, 1461, 1481. महाजनी mahojni, 1461. महाजाल māhājal, 646. महाड़ा mahāra, 138. मंहाड़ा manhāra, 143. महाह muhāde, 893. महादेखो mahādeo, 19. महार्दे ब mahādeb, 893, 1456. महादेवा mahādewa, 19, 938. महान mahān, 144, 1450. महाबाभन mahābābhan, 1425. महावीर mahābir, 1456. मंद्रा मंत्रा manhā mung, 995. महार mahar, 912. महास mahāl, 1499. महि mahi, 1087. महिनवारी mahinwari, 1185. महिना mahina, 1081. महिना mahinna, 1.81, 1185. महिया mahiya, 1015, 1161. मिचियाजर matiyaur, 1272. संदिस mahis, 1120.

महिसा mahisa, 1120. महिसी mahisi, 1120. मही mahi, 142, 1272, महीना mahina, 1081. मह्यक mahuak, 1338. महस्र mahuar, 1135, 1272. महुन्या mahua, 372, 1045. मह्मोल mahugol, 1135. महलखा mahulakha, 1135. मह mahu, 1045. महेर maher, 1272. महेला mahe'a, 1119. महोंनी mahonni, 144. माइ mõi, 1433, 1456. माद्द māin, 639. माइन māin, 639. माउग māug, 1275. माँ आं manon, 1458. माख mākh, 1084. मांग māng, 235. मांगन mangan, 912, 1198. मांगनी mangni, 1201. -मांगी māngi, 235, 335c. मांगे mānge, 1025. माच māgh, 1082, 1092. माघो māghi, 818. भाषी चास māghi chās, 818. मांच mānch, 70, 429. मांची mānchi; 182. मांजन mānjan, 362. भाँजी mānji, 507. माजूम mājūm, 1036. मोक्को māchhi, 990. मांकी mānchhi, 1074. मिं mānjh, 1248. मांक्तप्र manjhghar, 1248. मांभा mānjha, 179, 214, 224, 195, 279, 362, 431, 611, 933, 1368, 1379. मांभी mānjhi, 236, 507.

माट *māt*, 77, 83, 310, 372, 505. ਸਾਂਟ *mānt*, 505, 713. माटी māti, 1089, 1306. माउ māth, 505, 1161. मारा mātha, 1161, 1166, 1272. माड् mār, 991. मोड mānr, 362, 1272. माड्व mārab, 1051. माहा māra, 630, 1178. माङ्ग पुरसी mārā phulli, 1178. माड़ी māro, 1051. मॉड़ी mānro, 1051, 1234, 1307. माढा mārha, 991. Hiti māniha, 921. माता māta, 1440, 1456. माता हाइ mātā dāi, 1456. माजिक mātrik, 1298. मांच manth 9, 941, 1251. माथा mātha, 335c. • मांचा māntha, 9, 408. महिर māndar, 259, 271. माध्य mādhab, 685. माध्य विद्वा madhab singhi, 688. माधवा mādhwa, 975. मान mān, 849. मान्जन mānjan, 1450, 1452. मानिकथम māniktham, १७५. मिष्यम mānikham, 275. मापा māph, 1217, 1230. माफी māphi, 912, 12096, 1217. मामच māmas, 788. मार्ग māyun, 1368. मार mār, 1078, 1085, 1129. मारतील martaul, 388, 357, 519. मार्व mārab, 1098, 1216. मार्ज māral, 859, 1004, 1011. मार्ज गेल māral gel, 1004. माग्धा *mārsa*, 1074. मारा māra, 1072. मारि māri, 1272.

मारी māri, 726 (note). मारे māre, 655, 1089. माज māl, 324, 347, 972, 973, 1028, 1020, 1094, 1202, 1221, 1272, 1456, 1488. मालगुजारी mālgujāri, 1207, 1214. मालजाही māljādi, 1183. माल जाज mal jal, 1094. मान भाडी māl jhari, 323. माल दे शो māl dehi, 973. माज पूचा māl pua, 1272. माल भोग māl bhog, 972. माल मेन māl mej, 324. मालवा mālwa, 1087. माचा māla, 21, 566, 663, 755. 765, 781, 1257, 1354. मातिक mā/ik, 1208. माली mali, 24. मारुष्ट mālh, 347. मास mās, 1081, 1086, 1087, 1089. मांच māns, 1081, 1085. मास कलाइ mās kalāi, 996. मासा māsā, 1498, 1499. मासी māsi, 1043. मोह manh, 1248. मोच घर mānh ghar, 1248. माडी māhi, 1232. माँची manhi, 659. मि जनी minjni, 887. सिकारा mijhra, 1019. मिटिया mitiya, 713. मिडो mitti, 786, 1429, 1431. मिहि इ ब mitti deb, 1429, 1431. मिठाइ mithäi, 1014, 1440. सिंड र mithur, 1168. मित्ती mitti, 1487. सिन है minahai, 12096. मिसियाद mimiyai, 1045, 1458. मिसियाइ के तेख mimiyai ke tel, 1045. 1458.

मियादी miyādi, 1487. मिगि डाइ mirgidāh, 1082. मिरगांचरा mirgsira, 1082, 1084. मिर्गी mirgi, 1177. सिर्चा mircha, 1073. मिरचार mirchāi, 1078. सिर्जर्ड mirjai, 728, 1272. मिरजापुरी merjapuri, 680. मिरतवान mirtavan, 713. मिरला mirla, 407. मिर्चिकार mirsikār, 381. सिराइब mirāib, 1332. मिरिच mirich, 1073. मिलानियत milkiyat, 1207. किलनी milni, 1339. सिखब milab, 1343. मिला mila, 1485. . मिलाएव milāeb. 1343. मिलान milän, 1485. मिलाप milāp, 1159. िका के ब milā leb, 1485. मिलावा milāwa, 1339. मिलिट milit, 282. मिलौना milauna, 575. मिस्तिरौ mistiri, 389. मिसरी misri, 1014. ामिंखरी misiri, 1062. मिनिरो कन misiri kan, 1062. मिस्तर mistar, 427. मिकिरी mistiri, 420. (Hu) missi, 1384, 1483, मिहतर mihtar, 1197. मीठर mitha, 372, 1365. मीठा चाउर mitha chāur, 1365. मोही mithi 1272,1377. मीठो बंदरो mithi kanauri, 1377. मोठी पूरो mithi puri, 1272, 1377. भोड़ा mira, 894. मौन min, 990. मीयां miyan, 1376.

मीर पञ्चा mir phojula, 1456. मोज mīl, 1492. मोलन milan, 1339, मोर्ची mihān, 889. मी हो minhon, 889. सुद्यस mual, 1057. मुखला muala, 4!4. सञार muār, 1074, 1077. सहज muil, 1118. म<sub>्</sub>का mukka, 1249, 1253. म खस्घ mukhsudh, 1046. म खसुधि mukhsudhi, 1056. म खसुधी mukhsudhi, 1056. म\_गहर mugdar, 102. म, आरा mungra, 106, 431, 457, 390, 1262. म गरी mungri, 87, 106, 424, 555, 390, 781. म**ा**गवा mungwa, 755. मङ्ग mung, 991, 995. सङ्घ mungar, 886n. मङ्गा munga, 1073. म जवानी mujwani, 815. म जवान muniwan, 815. म जेरा mujera, 1461, 1477, 1481. स टम् र mulmur, 1183. म्ट्नी mutuni, 973. म्हा muttha, 882, 1489. म ही mutthi, 337. म उरा muthra, 225, 1106. ् म ठरिया muthariya, 1106. . म उरी muthri, 1272. म टवारा muthwāra, 335g. म ठाल muthāl, 1136. म विया muthiya, 7, 89, 1106. म डें ल muthail, 1106. म ड्कटवा murkatwa, 1435. म इला murla, 956, 1107. म् ड्ली murli, 956.

मुखार murwar, 269.

म द्वादी murwāri, 256, 269. म् **ड्या** muriya, 414, 987. माँ डिया munriya, 956. म दियारी muriyari, 1011. म्डियारी मारल muriyasi māral, 1011. म े ड्लिवा munrilwa, 956. म् इंडा munrera, 1107. मुड्डेर murer, 939. **म**्ड्रा munrera, 939. म **ड़े री** mureri, 939. म् खा mundo, 725, 1107. म खडा muntha, 749. म इती mvdati, 1487. म<sup>\*</sup>दरी mundri, 60, 756, 769. म दखीनी mudekhauni, 1377. म् देखी mudekhi, 1347. मही muddhi, 115. म नगा munga, 1073, 1183. सन्घी mundhi, 115. म्नम्न munmun, 1183. म्नहर munhar, 77. म न्द्रन mundan, 84, 554, म न्हा munda, 860. मन्दी mundhi, 767. म रहे murar, 1073. स दका murka, 1074, 1183. म रघटिया murghatiya, 1418. म रघटी muryhatti, 1418. म रति चिन murtahin, 1481. म रती murti, 777. म्रथारी murthari, 638. म रहहती murdhatti, 1418. म्रहारी murdāri, 1139. मुखी murdhi, 975. म रश murra, 585. म् ररी murri, 1272. म रहा murha, 585. H TIE murai, 1073, 1089. स्रिया muriya, 1074.

मं ुरिया munriya, 343. म रेडा muretha, 724. म् रेगा murena, 1183. म रेश murera, 269. म लतान multan, 1087. मृ हो mulli, 1073. म् भाता mushata, 1364, 1395. म् सह musad, 457. म् सरा musra, 416, 431, 464, 610. म सहर mushar, 1203, 1429, 1435. म सुकार musukae, 1088. म् इ muh, 301. म इ munh, 81, 501, 557, 454, 621, 1247, 1428. म इखड़ munhkhar, 19. म इचर muhchar, 963. म**ँ इड़ा** munhra, 186. म इंडा के नारी munhrā ke nari, 225. म् इथपड् munhthapara, 193. म् इयोपड़ा munhthopra, 193. म् इ देखब munh dekhab, 1428. म इ पसिना munhpasija, 1173. मू ए m ūe, 1084. म्मा mūng, 995. म्या mūnga, 755, 966c. म ज mūnj, 815, 1422. ਜੂਰ mūth, 7, 29, 88, 89, 398, 1200, 1454, 1457. ਸ**਼ੌਰ** mūnth, 1433. मूड पूजा mūth pūja, 1484. मृत लागल muth layal, 1437. म, डा nūtha, 29, 543, 597, 882. म ठो mūthi, 88. **म ਭ** mūr, 269. म**ूड** mūnr, 274. म्हा mūra, 414, 1107. मॅं इ! mūnra, 274, 1107. स की mūri, 343, 414. म को munri, 251, 274. म दी munri, 348.

मृढ murh, 1010. मुद्रा mūrha, 585, 939. मृद्धी mūrhi, 414, 726, 1272. মূল *mūt*, 848. महन mündan, 81. मूर mūr, 1073, 1475. मस्त mūrat, 777. म<sub>्</sub>री mūri, 1119. म्रो mūro, 1073. मुख mūl, 1082, 1475. मुकी mūli, 1073. मुसर mūsar, 431, 464, 610, 617, म वराज mekraj, 47 1, 588. मंच्याना meāna, 217. में आना menāna, 247. मेन्रार meār, 639. मेखारी mekhāri, 388. मेघरा meghra, 161. मतहर mentuhar, 1247. मेतिया metiya, 136, 713. में इड़ा menrra, 936. में इश menrra, 585a. म इराय menrray, 1089. म इत्या menraruā, 414. में इरुग्रा भाषी menraruā bhānthi.

415.

में द्वा mendhwa, 1104.
मेर्वा medni, 1087, 1129.
मेमना memna, 1122, 1123.
मेमनी mcmni, 1122.
मेरखन merkhun, 1272.
मेलबानो melwāni, 801, 952.
मेलान melān, 918.
मेलानो melāni, 801.
मेळनी melhani, 230.
मेळना mehta, 889.
में द्वा mehta, 889.
में द्वा mehtar, 1452.
मेदराळ mehraru, 1275.
मेहराळ mehraw, 188.

88-R, & J.

मेहरी mehri, 1276. में दिवाती menhibati, 677. में हिथा menhiyan, 889. में हिया बैस menhiyan bail, 389. में दांती menhauti, 889. H men, 69, 655, 741, 478, 904, 990, 1020, 1084, 1088, 1098, 1263, 1275, 1350. में ख mekh, 1449. मेघ megh, 1092. मेघा megha, 1387, 1088. मेञ्च डाक meghu dak, 1456. म च mench, 633. मेज mej, 324, मेता meta, 713. मेडी meti, 713. मेट्म melum, 414. में इ menr, 832, 953. मेद्रन merhan, 33. ਜੌਂ ਫ਼ਰ menrha, 889. मेथी methi, 1073. में चो menthi, 1073. मेद्दि medani, 1037. मे**ट** meru, 1033. मेल mel, 1042. # 8 menh, 889. मेहा meha, 889. में हा menha, 88). में गिरी maigiri, 403. मॅनि mainjni, 857. म लक्ष्नना mailchhanna, 307. मीका maika, 1227. मंगर ma gar, lol. मेदा maida, 1272. मन main, 639, 1103, 1346. मेना maina, 1103, 1113. में या maiya, I456. मीर्न mairan, 33. मेल mail, 1015, 1492. में ला maila, 848, 1015.

मोबार moār, 1077. मोकद्म mckadam, 1217. मौकर्री mokarāri, 1212. मोक्दी mokri, 1209e. मोखड़ा mokhra, 924 मो**ब**डी mokhri, 414. मोखतार mokhtar, 1183, 1208. मौखितियार mokhliyar, 1208. मोचती mochatti, 1075. मोचना mochna, 383, 474. मोजन्सा mojamma, 113. मोनरी mojri, 119. मोत्रा motdharwa, १४३. मोटरी motri, 318. मोटवाचा motwo ka, 944. मोटवाहो motwihi, 801. मोरहा m thu, 9:8, 911, 1097. मोटहा बोड़ी motha jori, 941. मौटहा वर्ध motha baradh, 1097. मोटिया moliya, 730. मोठड़े किन ड़ो mothre kinari, 225. मोद्या manthiya, 631, मोतर्फा motarpha, 1201; Appendix, 14. मोतमनना motmanna, 1391. मोत्रजन motalke, 1233. मोतहर्पा motharpha, 1201. मोतिया motiya, 233. मोथपड़ा mothapra, 225. मोथापड़ा methāpra, 193. मोनापा monāpha, 1475. मोपरोइ mophrid, 1468 a & b, 1470, 1471; Appendix, 3, 9. मोरका morka, 1234. मोर्गी morni, 238, 325. मोखार morwar, 269. मोरवाच morwāh, 269, 283, 945. मौरवाच morwāh, 283, 295.

मोरसा morassa, 475.

मोरहन morhan, 1022, 1024, 1039, 1194. मीरानी morani, 9 4. मोरिया moriya, 233. मोल इकी molhoki, 1468c, 1472; Appendix, 13. मोहखा mohkha, 81, 301, 414. मोच्डा mohra, 562. मोइन्यमा mohanthambha, 274. मोहदेखार mohdekhai, 1347. मोहनदी mohandi, 159. मोचनरी mohanri, 159, 160. मोहब्बत mohabbat, 1252. मोहरकन moharkan, 540. मोद्यम moharam, 14.9. मोहरम के सिपाष्ट्री moharam ke sipahi, 1449. मोच्या moh a, 186. मोहरिदार mohuridar, 27. मोहरी mohri, 1125. मोचली mohli, 533. मोइलो लोइार mohli lohar, 538. मोहान mohan, 365. मो**ह**री mohri, 94. मोच्च mohain, 256. मोका moka, 922. मो का monka, 1249. मोख mokh, 1250. मोखा mokha, 1250. मोच moch, 9 १4. मोचा mocha, 984. मोची mochi, 479. मोंची monchi, 479. मा**ड** monchh, 984. मोक् mochha, 994. मोनर mojar, 119. मोत mot, 14, 720, 986, 1145. मोंत mont, 936. मोत चलाएव mot chalaeb, 941. मोति moti, 720, 936.

मोटेन motailen, 1002 (footnote). मोद्रा morha, 186. मौंद्र montha, 63. मोदी morhi, 990. मोती moti, 753, 765. मोती चुर moti chur, 1272. मोती मांचा moti mālu, 765. मोनो राम m ti ram, 1456. मोषा motha, 997. मोथा motha, 1183. मॉया montha, 1075. मोंची mothi, 997. मोहक modak, 1272. भोगा mona, 656. मोमिन momin, 355. मोर mor, 585f, 664 (footnote). मोर चकार mor chakkar, 585f. मोर बाज mor baj, 585**f**. मोरी mori, 323, 823, 862, 963, 982 मोरी पे टारो mori petari, 963. मोल mol, 1113, 1419. मोचन mohan, 256, 755. मोहन माला mohan mala, 755. मोहर mohar, 755, 918, 1284. मोहर देव mohar den, 1281. मोहर माला mokar mala, 755. मौनिया mauniya, 44, 442. मौह्सी maurusi, 1215. मीचार mauar, 1154. मौगी maugi, 1275. मौजा mauja, 1499. **मोन** maun, 713. मौना mauna, 1075. मौनी mauni, 442. मौँनी mauni, 44, 656. मीर maur, 1119, 1321, 1326. मौरी mauri, 1326.

### ॥ य ४ ॥

यौ yon, 356.

यह yah, 655.

### 11 T'11

रहे rai, 1037, 1272.
रक्षा raksa, 985, 991.
रक्षा raksi, 985.
रक्षी rakeli, 713.
रखनी rakhni, 1280.
रखना rakhbah, 1087.
रखना rakhwar, 870.
रखना शिक्सिwari, 870.
रखना शिक्सिwahi, 870.
रखना शिक्सिwahi, 870.
रखना शिक्सिwahi, 877, 1147.
रखना rakhant, 877, 1147.
रखना rakhelin, 1280.
रखना rakheli, 1280.

रखीर rakhaur, 786.
रा rag, '486.
रा रवव, '486.
रा रेज rangrej, 504.
रा रेजी rangreji, 504, 509.
रा स्वाच rangsaj, 504, 509.
रा स्वी दाक raghuni, dak, 1456.
रच raghu, 1456.
रच raghu, 1456.
रच प्रवास rajūi, 731.
रचील rajūi, 1217.
रची ranchi, 1045.
रटनी ratni, 1183.

रटवा ratwa, १६७ h. रंडसार ranrsar, 1426. रंड्यारी ranssari, 1426. रिवा rarhiya, 808, 1016, 1019. TET randa, 1280. राषी randi, 1280. रतजार ratjagga, 1372. **रतड्ल** ratral, 1011. रताएल ratāil, 1011. स्तार ratār, 1058. হতাল ratālu, 1058. ्रती ratti, 1498, 1499. 14 rath, 148, 216. ₹₹1 radda, 1251. रनिक्की ronkilli, 164, 929. रनको ranki, 611. Ten ranth, 148, 206. रन्थो ranthi, 1416. स्टा randa, 39), 401, 602. रफतनौ raphtani, '458. स्पीदा aphida, 451. रवी rubi, 85%. र बिल *19661* , 426. रमकरवर ramkarwa, 71%. समञ्जा ramchukka, 713. रमज्ञा ramjun, 973. रमनिया romaniya, 978. इसरको ramrammi, 1339. रमनी ramuni, 972. रस्पा ram/a, 481. रका ramba, 399. खेडा ruretha, 596, 991. af rawan, 1275. रवाइसवाचा rawāiswā/a, 580. TE ras, 3(6, 568, 1014, 1015, 1272. र्**स गोला** rus yola, 1272. TESTET rasghara, 270. रस्जाउँर rusjāur, 144(). रवक्ता raschhanna, 284.

द्वपास raspāl, 585.

रचपेन raszain, 269. स्वाटा rasbanta, 595. स्सरी ragri, 115, 145, 1492 रसवत raswat, 234. स्वाएल rasael, 1011. रसिद्दाना rasidana, 1193. रिखदावन rasidawan, 1198. रिखा rasiya, 1272. रसियाव rasiyāo, 1272. रसीद rasid, 1467, 1488. रसञ्जड् rasuar, 1203. रसन rasun, 1073. रसली rasuli, 1203. रकेड 1aser, 270. स्मोदया rasoiya, 1248. रसोदया घर rasoiya, ghar, 1248. रसोद rasoï, 1268. रमोली rasoli, 140. TENT rassa, 115, 184, 375, 1272. रस्थो rassi, 115, 196, 123, 464, 6:3 1492. र्मन raseun, 1073. 182 rahat, 147. 182311 rahatwa, 533. TEST rakta, 339. रहन rahna, 478. TET rakar, 994, 995, 1073. रहरिया rahariya, 1073. रहरिया सेम rohariya sem, 1073. रहरी rahri, 994. रहरेटा rahretha, 994. रहरेडा rahraitha, 994. रहज rahul, 987, 1043, 1231. 1818 rahat , 994. रिका rahila, 1002. रही rahi, 144. ₹ rahe, 1085, 1088. ्डेडT rahetha, 590, 994. TIE rai, 1045, 1089, 1402.

राह्य rāis, 137, 140, 713.

Tisa rāut, 1456. राज rāu, 1084. राक्स rākas, 1458. र्वकी ranki, 371. स्व rākh, 849. राखन rākhab, 1339. राखिये rākhiye, 655. राखो rākho, 655. रांगा rānga, 511. सीमी rāngi, 969. राज rāj, 420, 1207. राज मज़र rāj majur, 420. राज मिस्तिरी rāj mistiri, 420. राचा rāja, 1085, 1092, 1450. TIZF ratan 640, 1183, राड vār, 1217. ম্ভ rānr, 1088, 1279. राड जामि *1ār jati*, 1217. राड भोर rar bhor, 1217. गाँडा rānra, 1278. राडी rāri, 1075, 1183. राष्ट्री rārhi, 1133. TT 7 rat, 965, 966, 1087, 1091. रातक rātal, 610. शत्म rātūk, 1088, 1091. रात्स râtūl, 640. राहा rāda, 1251. राधे चकार radhe chakkar, 585. रान rán, 289, 1272 रानी rāni, 1084. रान्ह rānh, 289. राषी rāpi, 481. tfut ianpi, 481. राफ rāph, 1485. राफ साफ rāph sāph, 1 185. 114 ráb, 311, 1014, 1272. TIH rām, 365c, 978, 1062, 1078. राम करहन्ती ram karhanni, 963d. राम केसीर ram kesaur, 1062.

राम गोचाई rām gosanin, 1456.

राम ठाकुर ram thahur, 1456.

राम तरोइ rāmtaroi, 1073. राभ इलारी rām dulāri, 965c, 966e. . राम दलर rām dullar, 978. राम परोर rām paror, 1073. राम बीर rām bir, 1456. राम रहर rām rahar, 1073. राम राम rām rām, 1339, 1419. राय rāy, 655. सारी rāri, 81ē. राज rāl. 737. साबा rāwa, 1014. रास rās, 82, 137, 226, 893, 1015; 1094, 13+3, 1394. रास कड़ो ris kari, 226. रास के रस ras ke ras, 1015. रास पर लेब rās par leb, 1394. रास बर्ग वैस गेल ras barag bais gel; 1343. रासा rāsa, 1272. रासि rāsi, 137. राच rāh 456. साइड rahat, 920. राइड rāhath, 994. TIEL rahar, 994. गाहरि rākari, 994. राहिन rāhin, 1481. राष्ट्र rāku, 1456. रिकाबी rikabi, 449, 711, 713. रिकेबो rikebi, 713. स्किंच rikaunch, 1272. रिनिष्ठा riniha, 1461. रिरियाय rirehay, 1089. रिचम riham, 1372. शीत rāt, 1381. शीत के जोड़ा rit ke jora, 1381. **रुआरा** ruâra, 1075. रुआरी ruāri, 1075. **विद्याह** ruāh, 1422. वयाह काटन ruah karhab, 1422. चनन rukan, 1465.

चवन rukan, 1465. TEI rukka, 1367. त्रखसती rukhsati, 1389. चखान rukhan, 394, 399. **च्छानी** rukhani, 399. जड़ोक rudrachh, 755, 781. चन्नी runni, 799, 800. खपाची rupadhau, 1133. **चपं** rupai, 1479. **चपेया fuyaiya**, 1475, 1478, 1419, 1485. त्रपे सक्डा rupai saikra, 1479. चपौठी|rupauthi, 768. **રક્ષો rulii,** 799. ₹ rū, 33. क्या १ व. 1017. क्ट्रे rāi, 383, 511. क्ना runa, 801. रूपधर rupdhar, 1 33. क्पघर rupdhar, 1133. रूपधीर rūpdhaur, 1113. रेखाएत reā.t, 1217. रेकाबा rekāna, 1465. रेकाबी rekābi, 713. **रेगनी** regni, 649, **रेंग**नी rengni, 1075. रेंडगुरी tenrwari, 1045. रेषटी rewti, 267. 1451 renwra, 1005. रेवती reoti, 1082. रे**हर्।** rehra, 816. रेचन rehan, 1481. -रे हाड rehār, 816. रेष्टाच rehah, 816. ₹ re, 740, 1086. Te renr, 957, 1045. रेंड गैन renr gail, 957. Turenral, 957. रें इल बा renral ba, 957.

TT renra, 956, 957, 987.

रेंडा भेंडा वा renra bhail ba, 957. रेंडा भेल है renra bhel hai, 987. हैं। renri, 1045. रेत ret, 388. रेतो reti, 403, 418, 470, 471, 552, 569, 583, 591. रेवटी rewti, 260. रेष्ट reh, 816, 1006. रंची rainchi, 1045. रन rain, 269. रैनि raini, 1087, 1091. रेयत raiyat. 1215. रेयतौ raiyati, 1040. रेयान raiyan, 1217, 1226. रे**९५** raihar, **9**94. रोकरिया rokariya, 1484. रोकसत roksat, 1339. रोकसत करब roksat karab, 1339. रोक्सित roksati, 1339. रोक्सती roksati, 1291, 1294. रोकसही roksaddi, 1291. रोजनामचा rojnamcha, 1463a, and b. 1464. रोजनामचा बद्दो rojnamcha bahi, 1463c. रोजबन्धी rojbandhi. 1185. रोजहा rojha, 1184. रोनीना rojina, 1185. रीपनिषार ropnihar, 864. रोपब ropab, 1088, 1691. रोपहा ropha, 964. बोर हा rorha, 786. रोशिया**च** roriyāh, 786. रोसकति करि इंच roskati kari deb. 1389. रोसकती raskati, 1291. रोहनी rohni, 1092. रोहिनौ rohini, 1082, 1084. रोक rok, 1488. शेकड rokar, 14636. रोक्ष कहो rokar bahi, 1463b.

INDBX.

रीकड़ बाको rokar bāki, 1463b. रोकब rokab, 871. रोग rog, 1873. रोग rogan. 509. रोज roj, 1185. रोडी roti, 994, 1029, 1272. रोडीवाका rotiwala, 445. रोड़ा rora, 269. रोदा roda, 335d. रोप rop, 964, 1008. रोप ropab, 864.

रोपह ropahu, 1088. रोप ropa, 364. रोप rope, 1088. रोरा rora, 269, 1037, 1266. रोल rol, 35, 424, 1207. रौजी raunji, 815. रौड़ी rauri. 1499. यौदा raunda, 1005. रौना rauna, 115, 376. रोस raul, 424.

# n सार्थि n

लाई laī, 480. लर्डन lain, 1272. लक्टी laktho, 1272. चकड़ी lakri, 35. सखनवासा सञ्जाफ lakhnawāla sanjaph, 748. लखनीयाल सञ्जाफ lakhnauāl sanjāph, 748. जासराँव lakhranw, 814. जखौरी lakhauri, 1263. सँगड़ा langra, 301, 758, 1456. जान lagan, 711, 1289, 1344. लगन पत्री lagan patri, 1344. सागा lagna, 7. जगपाँचे lagpānche, 1445. ख गरा langra, 274. खगवान lagwān, 1157. **लगहर** laghar, 1157. जााई lagāī, 1319, 1336. सभाय lagāeb, 857, 1098, 1157, 1337, 1351, 1435. जगा के lagā ke, 69. सागान lagān, 1220. खगानी lagāni, 1479. जगाम lagām, 226. जगामी lagāmi, 96. जगार lagar, 26.

समावन lagāwan, 1119. चनावशी lagawri, 30. ला (वस lagāwas, 1084.लगावे lagāwa, 10:4. लाशा lagi, 1087. जगु श्रा lagua, 842, 811. लगुचा चन lagua jan, 842. चाम्भी lagūsi, 41. ल गोटा langota, 726. न गोरी langoti, 726. जगौरी lagauri, 71, 128. खनार lagga, 40, 237, 1491. जिन laggit, 1468a and b, 1470, 1471; Appendix, 4, 10. जञ्चरी laghuri, 41, 237, 1491, 1492, 1496. समी laggi, 768. जङ्ग langar, 748. खद्ध langar, 239. ਚਾਵੀਟ langot, 726. **जचनी** lachni, 363. लक्सिनिया lachminiya, 1074. सनुरी lajuri, 652. ਗਟ lat, 1400. खटक latak, 473. सटघोचाइ latdhoai, 1400. चंडन latal, 1694.

लटबा latwa, 353, 501.

जटौर latāï, 498.

सहा latta, 1272.

लह lattu, 538.

जड़ा lattha, 928, 1491.

खड lath, 653.

खडड़र lathangar, 1323.

खडवाही lathwahi. 915.

खाउ।बन्दो lathābandı, 1028.

चर्टींगर lathaungar, 1323.

जहड laddu, 1272, 1358.

**बङ्डिया** /arhiya, 147, 201

खह्या /arua, 1272.

**जारा** landha, 1109.

जत lat, 1183.

जतखोरा latkhora, 225, 341, 1259.

जतमग्वा /atmarwa, 1250.

जतमरा latmara, 614, 930, 1250.

जनरी latri 735, 9 19.

सतहा latho, 1098.

जतार la ār, 1058.

स्तियोव latigaulen, 1217.

जिल्लानी latihāni, 807.

जते **डा** latera, 225.

जना latta, 723.

जत्तौ latti, 353.

जयराच lathrah, 1117.

जयर lather, 893, 1145.

चहना ladna, 882.

जद्दा ladha, 17.

जहाव ladāw, 224.

जहारी ladauri, 128.

जही laddi, 916, 954.

जमी ladhi, 17.

जपटा iapta, 1183.

जपसी lapsi, 1272.

जपेटन lapetan, 363.

जप्पर lappa, 184, 119.

lappu, 184, 191.

लप्पी /appo, 622.

सब गक्क सी lab gachhuli, 814.

लबहा labda, 654.

लबना labna, 713.

खबनी labni, 376, 713.

खब्य labay, 1084.

लब र laber, 419.

खबेरी lavers, 419.

लमका lamka, 1059.

लमका गुलजा lamka a'ua, 1059.

लप्रती lamti, 828.

जहरदार lamardar, 1208.

कमेरा la mera, 861, 980.

लम्बरहार lumbardar, 1208.

लम्भव lambhab, 1132.

लमहेर lamber, 861.

सर lar, 5! 5.

लाकटिया larkutiya, 985.

लाका /arka, 1074.

लार्किना larkini, 1284.

ल:का larchha, 1048. खरनोंका larjonka, 1183.

सारत larat, 585. ·

जरत देव larat deb. 585.

साना larna, 56, 346, 439, 508, 571.

खरनी larni, 17, 817.

जरम laram, 796.

लासा larma, 1016.

लरको larlo, 270.

सर्वाचा larwāha, 915.

लरहा larha, 40.

जरही larhi, 996, 1183, 1257.

लरही larho, 996.

जरिका larika, 1281, 1286, 1401. सिका खोज larika khoj, 1286.

खरका जोकाएव larka lokāeb, 1401.

जरिकौ larki, 1282.

जरुजा larua, 195, 990.

बरेटा laretha, 896.

बरेडो laretho, 994.

जना lalka, 956, 1057, 1059.

जन्ती lalki, 786.

जनको मिडी lalki matti, 786.

जनगौदिया lalgondiya, 968.

जनगों की lalgonri, 1005.

जनदेदया laldeiya, 967, 97%.

जन्दी lalri, 765.

जलहात वा lalhāt ba, 987.

जारहा lawtha, 2, 825.

जवटा के जीत luwtha ke jot, 825.

जसम lasam, 480.

जहाा lankgu, 743.

बहुडी lahthi, 571.

जहना lahna, 1477.

जहनार्ल lahnäël, 1079.

**वचवे**टा lahbeta, 1279.

जहर lahar, 1173.

जहरनी laharni, 383, 1030.।

बहरेडा lakraitha, 994.

सहस्रहा lahlaha, 987.

जङ्जहा रजङ् है lahlaha rahal hai, 987.

जद्दाद lahwāi, 303.

जहसन lahsun, 1073.

बहसर lahsur, 574.

जहांस lahās, 115.

जहासी lahāsi, 115, 239.

बहुरी lahuri, 1278.

सहिर्या laheriya, 533.

सहेरा lahera, 570.

जहरी laheri, 570.

सर्होगा lahaunga, 480.

art lahauri, 1263.

TI la, 444, 572, 1272, 1419.

साइ lai, 1272.

**TITE** lāith, 346.

जाद्रजि laili, 740.

बाउर laur, 653.

जायद lāed, 92.

88 R. & J.

जाएव lāeb, 25, 1478.

लाख lākh, 570.

जाखराज lākhrāj; 1209b.

जाग lag, 1445.

जागत वा lāgat ba, 1001.

लागन lagan, 7.

खाराणि lägani, 831.

जाग पचमी lag panchami, 144b.

सारास lagal, 1001, 1004, 1437.

खाँगल längal, 1.

जागा läga, 1383.

जागी lāgi, 1482.

खागे läge, 1026.

जांची lānji, 965k.

खागी lāgau, 45.

बाट *lāt*, 1272.

जाटा lāta, 1207.

বাত lāth, 273, 346, 414, 431, 917, 928. 931.

बाटा lātha, 116, 414, 928, 931.

बाही lāthi, 833, 1085, 362, 390, 653, 655.

बाडीडोर lāthidor, 362.

जाङ्बि lārani, 439.

**वाँ**द्रा länrha, 1109.

**बाह lād, 92, 713.** 

जाध lādh, 258, 276.

जाघा lādha, 17.

जाबर lābar, 419.

जाभ lābh, 900, 1483.

जारेभव lāmbhab, 1182.

जाभ चाभ lābh sābh, 1483.

जाम lām, 861.

जाम्चन lāmhab, 1132.

चार *lār*, 75, 60, 90, 880, 894, 963, 990, 1183, 1255.

18a

जार्न laran, 17.

बार्नि lārani, 346.

जारी lāri, 529, 570.

ed, 92. | Tala lāru, 60.

चाचा lāl, 585, 975, 1135, 1138. 1306, 1499.

खाख केसर lal kesar, 957.

जाल देइया lāl deiya, 972.

जाज बगक्सा lāl bagchhalla, 1138.

जाज माटी lāl mati, 1306.

जानमी lālmi, 1065.

**जाजा** lāla, 585.

सावन lāwan, 1477.

जावन कावन lawan, jhawan, 1477.

सावा lawa, 433, 1272, 1309, 1332, 1445, 1483.

लाबा घोलो lāwa gholi, 1183.

सावा क्टाइ lāwa chhitai., 1809 1882.

लावा द्वा lāwa dua, 1483.

जावा मिराइव lāwa mirāib, 1832.

जासा lāsa, 311.

साइ lāh, 510, 713.

जाइखर lāhkhar, 482.

**बाहाउरी** lāhāuri, 1263.

बाह्य lāhi, 1045, 1074.

लिखाबन liawan, 1292.

जिस गदनी likh gahni, 747.

**बिमाड़ी** lijhri, 1041.

जिही litti, 466, 991, 1272.

जिही liddi, 818.

जिपाद lipāï, 1402, 1413.

fari lihāi, 408, 526.

विश्वाबर lihawa, 397...

**जोइ** līd, 848.

जोदी lidi, 845.

जीज līl, 1038, 1010.

**जोजा** lī/a, 1043.

जीका डोम lila dom, 1456.

नील līlu, 585 (f).

जुक्तवारौ lakwari, 1448.

ন্তু**ৰান** lukon, 957.

जुकारी lukari, 1448.

लुक्स lukum, 1208.

चु**खरी lukhri, 1**091.

जुगरिये lugriye, 740.

ज्यारी lugri, 740.

क्रमा lugga, 723,

जुड़ी lungi, 383, 726, 733, 1480.

बाह्य lunda, 710.

लचुई luchuï, 1272.

ज्तिया lutiya, 1073.

जुपधी lupdhi, 977.

जुरका (urka, 1074.

जूकर्ष्टिं lūkahiñ, 1087.

जका luka, 1419.

सूजा रिवेष्ठक, 723, 740.

ज्यो lüngi, 733, 1430.

ज् का lunra, 121, 710.

बे 👣 ienrai, 1075, 1183.

ने इवारो lenrwāri, 1045.

र्ज प्रहो leftruri, 984.

ने दियाँ एन learhyàël, 1158.

नंताहर letākar, 1292.

ले**र्रा** ledra, 731.

के देश lendra, 727, 681.

जेहान ledāl, 1267.

सेयारी leyāri, 1292.

जे बच्चा lerua, 990.

जैवनिश्वार lewnihar, 874.

सेवार lewar, 376.

वेबारा lewara, 154.

ने चित्रवाला lenhrivala, 1156.

जेच्ना lehna, 1144.

केंच्यो lehni, 512, 555, 557, 880.

बेच्चर lehsur, 574.

सेचाइ lahāi, 408.

केश्वर lehāe, 549.

लेक्षाप lehāph, 731.

लेकाली lehāli, 731.

केंद्रीगा lehonga, 480.

चे le, 572, 919, 1025, 1034, 1416.

🕯 🕻 leï, 42**3, 4**80.

चेखा lekha, 1463c.

वेखा वही lekha bahi, 1463c.

वे जाएब le jāëb, 919.

at lenr, 1045.

बाँडी lefi ri, 848.

at lenrh, 1153.

बाँछा lensha, 984, 1074.

da let, 568.

बेद led, 932.

वेहा leda, 932.

बेही ledi, 932.

वेघ ledh, 932.

बेघर ledha, 258.

**dui** ledha, 17,276.

**बेघो** ledho, 932.

खेन len, 1461.

चेन देन len den, 1461.

वेने lene, 3.

खेने आब lene āw, 3.

1435, 1478, 1484, 1485.

चेक leru, 1118.

बेबे lelen, 1217.

चेव leo, 706, 821, 915, 981.

खेव **कर्ब** *leo karab*, 981.

चेवत lewat, 645.

den lewan, 709.

**dat** lewa, 126, 238, 637, 709, 824, 858, 915, 1032, 1259.

जेवा खान्द्रो lewa khāmhi, 1259.

del leso, 1054, 1054.

TE lefthar, 1124.

वेहन lehan, 880.

deal lehala, 904.

a lai, 604, 763, 1451.

बेधा laidha, 17.

जैन lain, 1160.

जिन् luinu, 1161, 1166.

चोकनाचा loknāha, 1293.

चौक्रविया lokaniya, 1293.

लो कनी lokani, 1293.

लोकाएब lokāeb, 1401:

लोकाना lakāna, 1140, 1141.

जोगच्रा longchūra, 973.

बोगियामरिचा longiyamaricha, 1073.

लोगिया मिरिच loagiya mirich, 1073-

जोचनी lcehni, 363.

लोटकी lotki, 690.

**बोटबी** lotli, 1339.

बोड़ियारी loriyaro, 1154.

बोध्ताइर lorhtāhar, 878.

जोटनिश्वार lorhnihār, 878, 1017.

लोटिया lorhiva, 878.

मोमेर्जा lobherua, 769.

लोरकाइ lorkāï, 1154.

जोरिका lorika, 1154.

लोहजा lohanga, 480.

लोइंडा lohanra, 929.

जोहरा lohra, 878, 967j.

लों**ছरा** lonhra, 695.

लौंहरी lonhri, 695.

लोहलङ्गर lohlangar, 239.

लोहसारौ lohsāri, 407.

लोहाला lohāla, 10.

जोहार lohār, 407, 538, 1194, 1204.

सोचिया lohiya, 4°6, 480, 673, 695.

**जोइया** किंगुब, 1251, 1272.

**खोखर** lokhar, 383, 482, 734.

खोग log, 1217, 1275.

जीचर lochar, 1120.

लोट lot, 1052.

बोटा lota, 115, 687, 711.

**बो**टी loti, 1052.

बोड़ा lora, 1266.

जो ढ lorh, 421.

लोढन lorhan, 899.

सोटा lorha, 627, 878 914, 1317.

लोटा विचा lorha bichcha, 878.

बोटी lorhi, 627, 748, 878.

जोंदा londa, 466, 1251. जोंदो londi, 1251. जोंघा lotha, 318. जोंघा lotha, 551, 705. जोंद lor, 753, 764. जोंच loh, 414. जोंगरा loangra, 758. जोंगरा loangra, 758. जोंगाही laugachhi, 814. सौताहर lautāhar, 1292. सौद्या lana, 1068. सौद्या lauka, 1068. सौद्या lauki, 585. सौद्या laung, 763. सौद्या lautha, 877. सौद्या launi, 873. सौद्या launi, 873. सौद्या launi, 873.

### ।। व थ।।

चच waju, 1430. वजू करायन waju karāëb, 1430. चमा wapha, 1482. वाहा wāda, 1367. बाहा का बचा wada ka rukka, 1367. वारका wārja, 1470, 1471. वाला wāla, 502, 832, 589, 1006; 1267. वासिक wāsil, 1468a, 1472. वासिक वाकी wāsil bāki, 1468a,1472.

# 11 श sh 11

भाग shagun, 1454. भारो sharaï, 1361, 1362. भाजुका shaluka, 729. भारो shādi, 1273. भाम shām, 1188. भाम तुककी shām tulei, 1183. प्राज्ञाना shāhana, 1381, प्रिकमी shikmi, 1225, 1226. प्रतुर shutur, 1131. प्रमुक्ती shumangali, 1273, 1328. प्रोड shoë, 1369. प्रीडर shauhar, 1274.

### ॥ स ।।

र्च डवरी, 1113.
सदेश डवंगी, 938.
सम्बद्ध डवंगी, 938.
सम्बद्ध डवंगी, 1474.
सम्बद्ध डवंगी, 1474.
समस्मानी डवंगी, 1005.
समस्मानी डवंगी, 1005.
समस्मानी डवंगी, 1272,
समस्मानी डवंगी, 1487.
समस्मानी डवंगी, 1487.
समस्मानी डवंगी, 657.
समस्मानी डवंगी, 657.

सगर्दिना sagardina, 837. सगरा sagra, 1091. संगरा sa, 922. सगरम sagaham, 1279. सगरुमा sanghua, 1279. संगरुमा sanghua, 1279. सगर sagas, 1279. संगरा sangāha, 1201. संगिया sangiya, 73. सगुन sagun, 1454. **धग भो saguni, 177, 1**93. सतदका satdanta, 1118. सम्म sagūn, 177, 178, 179, 184, **190**, **191**, 193, **195**, 200, 204. **UNIT Saggar.** 147, 201, 203, 204. 457 sankar, 71, 1014. सङ्ख्य sankalp, 1209a. 35 sankh, 776. सङ्ग sang, 655, 990, 1184. सणवा sajwa, 1163. संजद्भारिया sanjhareya, 837. सचाव sajāo, 1163. सवाव दशी sajāo dahi, 1163. स्निवन sajiwan, 1068. सन्द sajus, 1162. सचेचा sājea, 536. सपीर sajor, 858. चरका sajjha, 846. चिमया sajhiya, 291. च मिया sanjhiya, 837. चिमयेती sajhyaiti, 291. सभीचा sanjhawa, 1270. **ETT** sancha, 576, 981. बञ्जाप sanjāph, 748. TZ satak, 473. **TZT satkā**, 99, 653. **स्टिया** satiga, 762. **घटीचा s**atawa, 1482. बटोबा पटोबा satawa, patawa, 1482 **बढोरा** sathora, 1399. सङ्का sarka, 1074. संस्थी sanrsi, 404, 411, 511, 515, 539, 546, 557, 560, 552, 704. बद्दी sanrāri, 330. च चा sanrusa, 32. सङ sare, 1087. चढी sandhi, Appendix, 2a. **east** santhi, 896, 1048. चत sat, 12, 1332. सतपर्वा satgharwa, 442.

बतत्तर saiattar, 1118.

सतहर satdar, 1118. सत घरिया sat dhariya, 12. सत्तनहाय्व satnahāib, 1424. सतप्रतथा satputiya, 1069. सतभीखा satbhikha, 1082. सत भौरी sat, bhaufiri, 1332. स्तमस्या satmasua, 1396. **चतम्** स्व*tmās*, 1396. सतरझो satranjı, 750. सत्तरिया satariya, 965l. सतलरी sitlari, 765. सतविष्यौ satwaniyan 238. सतवांस satwāns, 1396. सतवांसा satwānsa, 1396. सतर्वास satwansu, 1396. **स**ती sati, 1456. सतुवा satua, 1272. सत चाइन satuāin, 1449. सत चानी satuāñi, 1449. सत् दें sātui, 1272. सत्तद् sattar, 1118. सत्ती satti, 572. सत्त् sattu, 1272, 1443, 1449 संयक्षर sathdhar, 1118. सद्द sadar, 1249. बद्र द्रवाजा sadar darwāja, 1249. सद्दी sadari, 729. **बहा** 8ada, 655. सहियात sadiyāt, 1201. संदियाना sadiyāna, 1201. संद्वाची sandukchi, 656. सधवा sadhwa, 1277. सधीर sadhor, 1399. सधीचा sadhaua, 1210, 1482. सघीचा पटीचा sadhaua pataua, 1210, 1482. सन san, 29, 165, 886n, 984, 1047, 1089. चनद्रे sanai, 1048.

सनकी sanki, 713. सनधोचा sandhoa, 542. मनसनाठी sansanāthi, 1048. सनसा sansa, 546, 557. **सन्दो** sansi, 552, 554. सनसोशिका sansogila, 661. **धनह्यः** sanhak, 713. **सनद्वती** sanhaki, 713. सना sana, 1272. सनाठी ea athi, 1048. सनिचरा sanichra, 1456. सनीचर sanichar, 1088. सनुकची sanukchi, 656. **चत्रस** sanukh, 656. **चनुक sanuk**, 656. **चनेस** sanes, 1337. धने sanai, 1048. **धने**टा sonaitha, 1048. सनौटा sanauta, 685. **सन्द ख sandukh,** 656. मन्द्र क sanduk, 656. बन्दे ह sandeh, 1272. बन्यासी sanyāsı, 1203, 1429. सपद्रे sapai, 309. सपट'sapat 860. सपट जाइक sapat jāil, 860. **सपटा** sapta, 860. सपटा जाइल sapta jaïl, 860. संपन्ति sanāī, 1234. सपरी sapri, 662. सपुरा sapura, 1050. सप्तमी saptami, 1087. सप saph, 751. सप्रे saphai, 305. सप्राति saphgol, 1073. समाद saphīi, 1485. सपेंद्र saphed, 976. सपेया saphaiya, 305. सन्बा sabje, 1036.

**चनची** sabji, 996.

सवर्ट तो sabthaiti, 291. सबरा sabra, 513, 549. चवरी sabri 513, 549. सब जा sabuja, 1043. सब जी sabuji, 1036. सभ sabh, 12, 1026, 1085, 1089. सभघर sabhdhar, 12. सभ घरिया sabk dhariya, 12. समहान samdān, 524, 549. समघ samadh, 1279. संस्थिन samdhin, 1802. समधी samdhi, 1302, 1339. समधौ मिलावा samdhi milāwa, 1889. समघो samdho, 1339. समन samas, 1210. समसान samsān, 1418. समसेबन्द samseband, 768. समसेर samser, 502. समसर्क samserak, 502. समज्ञत samhut, 839, 877, 1433, 1439. समा sama, 989. **यमाचारी** samāchāri, 1487. समाचारी चिट्ठी samāchāri chithi, 1487. समाउ samāth, 431, 464, 610, 617. ਬਜ਼ੀਰ samānth, 610. समाध samādh, 1429. समाध में वैसायब samādh men, baisāëb 1429. समाधि samādhi, 1429. समाधि (or समाध) वीव samādhi or samadh) leb, 1429. ਚਜ਼ਾਵ samer, 819, 826, 828, 857. समाजी samāli, 726. चमाच samāh, 826. समियां samiyan, 618. सम ख samukh, 1249. समख हरोना samukh daroja, 1249. समेख samel, 18.

समेया samaiya, 16. समेन samail, 15, 16, 194,¶8, 938. समेला samaila, 16, 938. संमीसा samosa, 1272. समीद्या samaua, 610, 618. समोध samaudh, 818, 839. सम्बन्ध sambandh, 1279. सस्मन samman, 568. **चम्मल** sammal, 194. **सर** sar, 358, 949. सर्दे 8araī, 1051. सरक sarak, 1174. सरक जाएब sarak jāëb, 1174. सरकारा sarkanda, 1051. सर्काडी sarkandi, 565. सरका sarka, 358. चरकार sarkār, 1208. सरकीनी sarkauni, 363. सरकौनी के खंटी sarkauni khunti, 363. सर्वत sarkhat, 1464. सरा sarag, 105, I101, 1113. सरगपताची saragpatali, I101, 1113. **सर्गां** sargañ, 494. सर्ज्यताकी sarangpatāli, 1101. सर्द्वा saranga, 230. सर्ह sardar, 1028, 1257. सरहर परतर sardar partar, 1028. सरहार sardār, 1450, 1452, सर्पच sarpanch, 1450. सर्पत sarpat, 120. सरपोस sarpos, 700, 711. खर्बत sarbat, 1015, 1272. **सर्वी** sarbi, 713. सर्ग sarra, 940. सर्वा sarwa, 438. **घर**सी sarsi, 211. सरसीं sarson, 1045. बर्च sarah, 1220.

परस्यो sarhanchi, 1183.

**घरहज** sarhaj, 1996. सर्ह्य sarhath, 55. सर्द्वन्धी sarahbandi, 1220. **चरिह्या** sarhiya, 438. सराद sarāi, 551, 705, 775. **चराप** sarāph, 1461. सर्*षर sarāsa*r, 475. सरिकहार sarikdar, 1214. सर्नि sarinna, 230. सरिया sariya, 740. सरिया के sariyā ke, 817. सरिया के जोतज, sariyā ke jotal, 817 सरिया के घरल sariya ke dharal, 817 सरियो sariso, 896, 1045. सरियाँ sareson, 1045. सरिइन sarihan, 969, 972. सर्। sari, 972. **सरे** sare, 1220. सरेस sares, 404. सरेस कन्। sares kanna, 404. सरेस कामन sares kagaj, 404. सरेस पत्ता sares patta, 404. सरेह sareh, 7:4b. सरेला saraila, 48. सरी ची saraunchi, 1183. सरीता sarauta, 1056. सलाखी salkho, 1456. सलगम salgam, 1073. संख्या salga, 730. संखनम saljam, 1073. सलवात salwāt, 1408. सलाइ salāī, 221, 386, 499, 539, 546. **चला**ग salāg, 566. खकाम salām, 1693, सलामी salāmi, 1201, 1205, 1347. सनीना salina, 230, 1185. सर्वेस sales, 592, 1456.

चलेया salaiya, 221.

चरदेस salhes, 1455, 1456. सर्वेस अस्थान, salhes asthan, 1455. सवाद sawāi, 1092, 1475, 1479. स्वाद डेढ़ी sawāi derhi, 1475. खवामी sawāmi, 1274. **सवार** sawār, 235. **सवारो** sawāri, 1275. सवासिन sawāsin, 1277. सवया sawaiya, 1203, 1479, 1500, **ਬਚਵਾ** sasura, 1296. **सस्**रार sasurār, 1296, 1300. **सब्हात** sasurāl, 1296. **चस्रेतिन** sasuraitin, 1277. **संस्कार** sanskār, 1416. संस्कार देव sanskār deb, 1416. **यहचन** sahjan, 1073, 1183. संस्काना sahjanu, 1073. सञ्चादो माद sahjādi māī, 1456. **घड्डा** माइ sahja māi, 1456. सन्तीर sahtir, 322. सहस्रा sahdeiya, 966e. सचन sahan, 235. **सञ्ज्ञ s**ahna**k**, 1377. **सन्दो** sahri, 887. सहरोस sahros, 1117. सहज sahal, 414. सच्चर sahasar, ६०५. सञ्चार sahār, 1208, चेंचिन safihijan, 1073. **बही eahi**, 990. **यहेर** saher, 1124. att sānīn, 1183, 1274. बारत sāut, 1276. चाय्वान sāëbān, 1242, 1430. बाषांख •āonkh, 842. बाबोन sāon, 1082, 1087, 1088. चौंचोर sāñor, 1113. चाक sāk, 1+86. sāk ukhar

gelainhi, 1486.

चांखा sānkha, 538. साम sāð, 1001, 1073. **चींग** sānga, 3, 1255. सागड़ sagar, 147, 201. **घागर s**āgar, 782. चाँगच sāñgah, 3, 1255. साञ्चल sāfighut, 1279. स्तिक sāchak, 138). चौचा sāncha, 419, 557, 560, 565, 570, 5**7**6, **6**00. संची sānchi, 726, 1049, 1163. साम sāj, 1371, साजन sājan, 372. साज वेद्योतन sāj beotab, 1371. साभी sā ji, 45. सीम sānjh, 226. सीमा वे sānjh le, 837. **बाटा s**āta, 99. षाँटा sānta, 99, बाटी sāti, 477, 843, 1155 बाटी पाटी sāti pāti, 843. बार sāth, 965, 966. बाडी sāthi, 965, 966f, 108 5, 1089 सादी sāri, 740. चांद्र sānrh, 5, 1095, 1112. बाहा sāda, 468, 585j, 1023, 1250. सादा चाद्र såda chādar, 585f. बादियात sādiyāt, 1201. सादी sādi, 1273. साध sādh, 1484. बाधन sādhab, 1484. साधा जैव eādh leb, 1484. साधनी sādhni, 426. বাপু sādhu, 782. चान sān, 538, 539, 1025, 1086. बाबि sāni, 1272, चानी sāni, 1144, 1145, 1279. बानी पानी eani pani, 1145. सानी पानी करव ( or देव ) sani pani karab (or deb), 1145.

सापट sāpat, 847. सिंपुर sāmpur, 1050, साप sāph, 1485. साफो sāphi. 401, 404, 733, 1430. सापी उन्हा sāphi randa, 401, सावर sābar, 549, 1139. **चावण sābal**, 513. साबुन sābun, 393, 740. साभ sābh, 1483.' साम sām, 60, 221, 618, 975. साम जीरा sām jira, १75, 979. **ETHI** sāma, 221, 989, 1183. सीमा sāmma, 221. चामी sâmi, 60, 221, 249, 1088. 1183, 1274. सायर sāyar, Appendix, 16. साथाबाम्ही sāyābandi, 1373. सही sārhi, 1163. TT sār, 977, 978, 1087, 1153. सार्गी sarangi, 276 **सार्जी** sārji, 748. सारा sāra, 611, 1419. सारि sāri, 1087. सारी sāri, 740, 766, 1385. सार्क्ट saru, 1173. साल sāl; 379, 1118. सालक sālak, 4.4. सालगाम sā'grām, 1451. संख्याना sāliyāna, 1185. **चालिस** sâlis, 913. सालो sāli, 1089, 1194. सालोना sālona, 1185, 1207. म सीना खरच sālīna kha ch 1207 साल sālu, 742, '012. साव são, 1461. खांबती sā wwgi, 208, 212, 213, 224. सांवगी गाड़ी samwyi gari, 148, 208. सावन sāwan, 1082. संवर samwar, 1134. सावां sāwañ, 989.

88 K. & J.

सौवी sāñ wāñ, 989, 1074, 1183. सालिगराम इंडिंग grām. 1451. सांस sāns, 1272. सासत sāsat, 495. स्रोसत sāñsat, 495. सींसर sansur, 4: 5. सांमी sānsi, 301. सासर sāsur, 1296. साइ sāh, 1250, 1461, 1474. साह्या ज sāhabganj, 1183. साह्याला sāhwāla, 1250. साहिस sāhil, 965m, 966f. साही sāhi, 1005. साइकार sāhukār, 1461. बाइल sāhul, 425. साहेव sā heb, 1456. िंच के हा siūntha 703. सिकञ्चा sikanja, 587. सिकड़ा sikra, 793. सिकड़ी sikri, 1262. सिक्डीर sikraur, 793. सिक न्द्री sikandri, 1491. सिकन्री गान sikandri gaj, 1491. . teauzi sikpalai, 657. सिकामी sikmi, 1212, 1213, 1214, 1219, 1225. सिकरा sikra, 107. सिकारी sikri, 107, 755, 762, 764, 765, 767. सिकस्त sikast, 788. विकाहर sikhar, 643, 651 1422. सिकचुती sikahuts, 41. सिकार sikār, 123?. सिकार माही sikar māhi, 1232. सिकिंग्रो sikio, 1057. सिक्तिकार sikilgar, 602. धिकौती sikauti, 41. चिकाइ sikkar, 107. चिका sihkar, 107. चिका sikka, 651, 235.

चिंखचा sinkheha, 711. सिंगजुट्टा singjutta, 1102. सिंगणूटन singjūtal, 1102. चिमटा singtha, 480. सिंगता sigla, 786. सिंगरा singara, 965n. सिंगहा singha, 954. सि गासन singāsan, 777. सि गेस्द singesar, 1456. सि'चहुर्हा sightutta, 1198. सिंचाका singhara, 1073. चिचारा singhare, 74×, 1055. सिंचासन singhāsan, ?77. सि घीटा singhauta, 602. चिक्रा singa, 483. (483, 1087. सिक्षा singha, 784. सिकी singhi, 688, 1101. विषयाचा sinchwäha, 915. सिजकोइना nijkofikra, 1071. सि'चो sinjo, 489. सिं जोय sınjoy, 489. चिट्टी sithi, 1012. सि पृष्टि sinrāh, 789. सिङ्गदा sirāha, 789. सिद्धी sirhi, 319j. tegiai sirhana, 638. बिदानी sirhani, 637, 638. सितजन sillak, 1449. चित्रचपाटी sita'pāti, 751. श्वितवानुवानी sitalbukne, 1202. (सतका setla, 765, 1449. सितना देवी sitla debi, 1419. वितको sitli, 1406. चितारा *nitara*, 585. सिती siti, 977. सिती सार siti sar, 977. चित्रका situa, 319, 1030, 1267. सित्रिया**एक** situriyāël, 1078. teret situha, 535, 1030, 1267, 1408

सित्त् sitlu, 1267. सिधवाद sidhwāi, 195. सिधवानी sidhwans, 639. सिंघा sidha, , 1272. विद्यात ssdhant, 185 1. सिंघोरा sindhora, 662. सिनेष sineh, 1314. सिनेष्ट के पानि sineh ke pini, 1314. सिन्द्र sindur, 1834.' सिन्द्र दान sindur dan, 1334. खिपवा sipwa, 195, 243, 1256. सिपवा sipāwa, 195, 200, 243. सिपाद्या sipāha, 243. सिपाची sipāhi, 1449. सिपीचा sipaua, 248. सिव sib, 1429, 1455, 1466. सिंब अन्स sib ans, 1203. खिब नारेंबी sib nāraini, 1429. सिबोतर sibotar, 1209a. सिमच semal, 20. सिमास simmal, 194. सियार siyar, 1088. सिया इंडिंग्डेंगे, 978, 998. ियाहा siyāha 1468a and b, 1470, 1471, 1472; Appendix, 6, 12. सिर्हानी sirhani, 637. सिर sir, 1451. **सिर्को** इंग्रेंग, 815, 1234. खिश्नामा siruāma, 1487. खिरनी sirni, !440. सिर्पचर्र sirpachai, 839. सिर्पंचमी sirpancimi, 839. **चिर्पाया** sirpāya, 195. **सिरमा** sirma, 638. स्टिमान sirman, 871. सिर्वा sirwa, 243. सिर्वीको sirwansi, 638. बिरहरी sirhatti, 967k, 969, Etale sirkant, 266. सिर्घट sirkat, 57.

सिर्चय sirhath, 55. सिर्हान sirhan, 638. सिर्द्ध[न[ sirhina, 638. खिरा sira, 1014, 1272. सिराज्य sirāur, 135, 1006. सिरार sirār, 362. **बिरारा** sirāra, 364. सिरारी sirāri, 362. सिरी siri, 973. सिरी केंबन siri kebal, 973. सिवन्धा sirua, 1272. सिंग्का siruka, 1074. बिरोर siror, 835. सिरोरा sirora, 1074. सिरीर siraur, 835. सिंख sil, 404. सिजपची silaphchi, 699. सिखवट silwat, 626. सिंतवे silwe, 30. निजच्ट silhat, 972. सिवाहरा silahra, 7 19. चिनावट silāwat, 626. सिवेबा sileba, 1131. सिवीबे silebe, 1134. सिकौट silaut, 626. विह्ना silla, 383, 487, 573. सिक्ती silli, 32, 383, 539, 892, 891 1265.

सिवबटनी siskatni, 875,
सियकॉइड्रा siskofhra, 1071.
सियपूज sisphūl, 762.
सियुजा sisua, 985.
सियुजा गोडूमा sisua gehuma, 985.
सियुजा गोडूमा sisua gehuma, 985.
सियुजा sihra, 1381, 1384.
सिडीरनी sihorni, 319e.
सिडीट्रा sihora, 1183.
सिडीट्र sihor, 1183.
सीद्र sīk, 648, 652.
सीद्र sīnk, 447, 546.

सिवासी siwāti, 1082, 1084,

सीकर sikar, 33, 107, 198. ATat sinkar, 33. सोका sika, 648, 651. सींका sinka, 648. मीख sikh, 417, 711. सींख sīnkh, 417, 474, 516. सीड sith, 849. चौठा sitha, 937, 952. सीड़ा sīra, 789. चीढ़ी sīrhi. 429. सीतल sital, 1449. सीघा sīdha. 1272: सीना sina, 1011. सौपतनी sīpatni, 1211. सीपी sīpi, 770, 1267. सीम eim, 1073. सीरक sirak, 731. सीरम strag, 731: सीरा sīra, 1015, 1465. सील 33/, 581, 626, 1151. **सोस ३३३, 9**58, 956 सीसा sīsa, 383, 561, 958. सीसा द्रेवाला sisa dharewala, 561. सुख्रा suara, 118%. सुचा sua, 957. सच्या बाव है sua awe hai, 957. सुव्या**ए व su**āëb, 987. सुच्यासिन suāsin, 1295. सद्याद्व suiāi/, 100 l. सुरया suiya, 957. सदया गैल su:ya gail, 957. सद्चा suïla, 657. सई sūi, 499, 503. सुकारवात sukarwant, 1173. सक्त sukl, 1081. सक्त पख sukl pakh, 1981. सकला sukla, 1087. सुख sukh, 1090. सुखंडा sukhtha, 1074. सख्दा sukhra, 1074, 1468.

सुपद्दी su pahi, 912

सञ्चभामी sukhbhāmi, 1173. मखराती sukhrāti, 1090, 1423. **चयाचे sukhle**, 1089. सञ्जन sukhwan, 1030. सुख सुख sukh sukh, 990. सखार sukhār, 1077. सखेगो sukhaini, 1458. सगन्द sugand, 468. सगन्द कोकिना sugand kokila, 408. सुगन्द वाला sugand wāla, 468. सुगरा sugra, 789. सुरावा sugwa, 1000. सगदी sugaki, 411. स गार sungār, 1006. समी suggi, 856. **सुचनी** 8ujni, 637. सका sunda, 1074. सुतरियाऐन sutriyāel, 1076. सतरी sutri, 123, 243, 362. सतको sutli, 123. सतवान sulwan, 50%. सतारो sutāri, 482, 589. सवाको sutāli, 482. सतिशार sutihār, 1244. Hatt sutuka, 319e. सर्वेश्व sutemān, 503. सतिहा suttiha, 923. सत्ती sutti, 922. संचनी suthni, 1060. संचरी suthri, 123. **सं हरी** sundri, 107।. सप sudh, 1289, 1486. संघा audhabadha, 1256. संचानचा कर्न sudhabadha karab. 1286. सन sun, 20, 1451. RE sunu, 1084, 1085, 1087, 1088. सने sune, 1486. Ha sūnn, 408, 922. सञ्ज sunnat, 386, 1415.

सपतिका supatiga, 1262.

सुपारी supāri, 1056. सुपौचा supaua, 414. सुपेंद suphed, 1016, 1138. सुपद वगक्सा supked bagehhalla, 1138. समकही sumka!ti, 388. समञ्जली sumangli, 1328. सुमतरास sumtarās, 388. सुमर्गौ 8#marni, 781. सुमिर्नी sumirni, 781. सुमत sumut, 877. समेर sumer, 781. सुब्बा sumba. 582. सुमार sumbha, 413. सुम्मा summa, 412. सुम्मी summi, 113. सम्हा sumha, 532. सुर्तेष्वियाँ surtwaniyan, 238. सरका surka, 126, 1074, 1272. सन्ता चरा surka chūra, 12:2. सर्की surki, 571. सर्खी serkhi, 481, 1267. सरती surti, 1023. सर्पर surpur, 1025. सुर्फा surpha, 1217. सर्पान surphan, 1317, 1226. सर्वरिया surbariya 1183. सरवार surbar, 1183. बरमारे surmai, 1043. सरमा 8urma, 747. सरवारी surwari, 1183. सरवास surwal, 727, 746. सुर्घा sursa, 414. सराकी surākhi, 589. सराही surāhi, 697, 713. सर्ख surukh, 1043. स्वनको इन्। surujkoshra, 1071. सर्वसंखी surujmukhs, 1263. सरे तिन suractin, 1280.

स्तैवनियाँ surtwaniyan, 238. सुकतान sultan, 478, 748. सुजतान को ही sultan lorhi, 748. स्त्रभ sulabh, 1454. सुखभ सगुन sulabh sagun, 1454. स्वाखी sulākhi, 589. सुखवा huswa. 545. सुरारी suhāri, 1272. सञ्चाकी suhāli, 1378. सूचार sūar, 1125. सद्या  $s\bar{u}a$ , 494, 499, 503, 589, 987. सर्ड हुँ हुँ हैं 4, 589, 644, 1004, 1383. मुद्दे फॅनजनेन sūi phenkalkaik, 1004. सक sūk, 1008. म् ग sūng, 958, 961. सूगर *8बंद्रवर*, 1125. म्मा sūga, 975. समाः पद्धी süga pankhi, 975. ਚ੍ਰੰਬ sūngh, 958, 961. म्ब sūj, 494. म्बी sūji, 1278. सूँ ६ sūnrh, 958. स डा sūnra, 1074. हु हो sunri, 1074. ਚ ਫ sūnr, 961, 1074. स्टा sūnrha, 961. म् त sūt, 123, 238, 425, 1489. सत मिखा sut sikha, 736. स तो sūta, 123. स्ति sūti, 765. स्रुती sūti, 1234. स्ते süte, 572. स<sub>्</sub> इ sūd, 1475, 1478, 1482. सुद्द पर रुपया काद्व sad par rupaiya kārhab, 1478. स द भरना sūd bharna, 1482. स्दी sūdi, 1475, 1485. म् दी वर्षेया sūdi rupaiya,

1485.

€ å sūrt, 238.

ਚ**੍ਰਧ sūp**, 47, 410, 603, 604.

सूर sūr, 1087. ਚ ੱਚ\ sūnsa, 545. सं जत seūt, 789. सं िचया sejiya, 636. सं पाली sephāli, 713. से दरा sedra, 1236. से बारा sebāra, 37**3.** से मार semār, 319. संरङ्घा seranga, 494. से रहा serha, 713. ਚੋ ਵੜ੍ਹੀ serhi 912, 194. चे शाएन serāeb, ं 422. सँवर्द्र semwai, 1272. संवटा sewta, 860. स वटा sewtha, 860. से बता sewta, 237. र्स वती sewti, 716. . संवराहा sewrāha, 1264. से वात sewit, 835. से वार sewār, 319. **ब वार** semwār, 319. सं सगाग sesnāg, 1445. सं हुना sehuna, 516. सं चुनी sehuni, 516, 539. सं होरना sehorna, 319e. से se, 235, 1026, 1485. en, 414, 867, 118}. सँकी señki, 1317. सेथन sethan, 53, 55. सेट्रा serha, 966g. सेट्री serhi, 1183. ਚੋਂ €₹ sendur, 747. सेनी seni, 467, 711. सेतुर senur, 747, 1308, 1334, 1355. 1435, 1483. **सेनुर हान** senur dan, 1334. **श्रेब** seb, 26. सेम sem, 1073. समज semal, 191. **चेमा** sema. 1073.

**चेर** ser, 1502, 1503. सेरङ्ग serang, 49 +. सेशी ser, 906, 1198. सरी नौसत्ता seri nausatta, 906. सेख sel, 109. सेला seli, 1 )9. सेरह selh, 1119. सेल्ड्स selha!, 1119. बेरदा selha, 975, 976, 977, 978. सेल्ही selhi, 1119. सेव seo, 26, 1272. सेवर sewar, 1264. **च कहा** saikra, 1479. सं नार sainār, 949. सं रवाच sairwāh, 949. B Q saiūen, 127 ₺. स क saik, 305. स्वेता saika, 305. 4 GT saindha, 1272. सेन sain, 711, 949. सेन बराएव sain barāëb, 949. से यह saiyad, 763. मेयन saiyan, 1073, 1183. सें र sair, 949. सेर (चाँड or दोस) चलाएव sair (chanr or dhos) chalāëb, 949. स रा saira, 48. से बा saila, 15, 236, 938. सोदरी soiri, 1398, 1402. बोदरी जिपाद soiri lipāi, 1402. चोदया 80iya, 923. स्रोकना sokna, 965. **घोगिना sogila**, 661. सोजनी sojni, 637. चोन्नीचा sojhaua, 82. सोम्तीचा जोत sojhauā jot, 82°. चोडौरा sothaura, 1389. मोंडीरा sonthaura, 1390. स्रोत**को १०**/१३, ६२३.

सीन son. 1047.

बोनगढचा songarhua, 514. सोन ा द्वा सोनार songarhua sonar, सोनच्चा sonahula, 1043. सोनार sonār, 514, 914. सोनारी sonare, Appendix, 14. सोपारी opari, 1056. स्रोबरना sobarna, 684, 1456. सोबरा १०७ ra, 9650. सोमनौ somni, 1125. सोमरा somra, 819. मोमात( somāta, 839. सोरहा sorhu, 88?. सोरहो sorhi, 882, 883, 885, 936. सोरारी sorāri, 1400. सोराष्ट्री sorāhi, 697, 7:1, 718, 749. सोजवन्द solkanh, 1217. सोइडन sohjan, 1073. सोहयो *sohthi*, 852. सोहना sohna, 516. सोचनी sohni, 518, -37.-सोक्टरना soharna, 319e. सोचाइ sohái, 869. सोहास sahāg, 1381, 1384. सोधाम के अलह sohag ke atur, 1381. सोशा पूरा sohāg pūra, 1881, 1884. बोहागा sohāga, 553, 1353. **होहाशिन sohāgin, 1277, 137**8. चोहाशिति sohagini, 1369, 1383. बोकारी sohari, 1272. सोचित्रन sokijan, 1 '73. सोद्या soa, 922. सो€ 80ї, 92 '. सोएर soer, 1598, 1413. सोस्र किपाद soer lipāi, 1413. सीब sok, 639. सोक्तन sokan, 1134. बोखा sokha, 453. सीम 109, 639. सोटॉ sota, 651.

चौटा sontā, 103, 377, 390, 654. मोंड sonth, 184. स्रोत sot, 922. चोता sota, 237, १22. सोतिन sotin, 1276. सोन son, 1272. सोना sona, 753, 1090, 1173. सोना होता sona hola, 1173. सोनी soni, 514. सोने sone, 1383. सोरा sora, 370 ; Appendix, 14, सोइन sohan, 403, 591. सोच्च sohab, 867. सीहेन sohen, 403. सौदागरी saudāgri, 1488. सीहागरी के माल soudagri ke mal 1488. सी sau, 823.

चौंगी saungi, 208, 212, 213, 224. सौँगी के नारी saungi ke nāri, 224. सौँगी गारी saungi gāri, 148. सीत saut, 765 स्रोतिष sautin, 765, 1276. सीथा sauthi, 716. चौंदर saundar, 1263. सीँफ saumph, 1078. सौँफी saumphi, 373. सौर saur, 1398. सीर सिपाइ saur lipāi, 1402. सौंरा saunra, 1134. सौरी sauri, 1398, 1409. सीसन sausan, 585. सीसन के टट्टी sausan ke tatti, 585. स्वाती swāti, 1084, 1090. स्वामी swāmi, 127 1. स्तेच arautra, 1356.

## 11 8 11

To ha, 1116, 1275. इ क्या hankwa, 294, 942. च कि विश्वार hanknihar, 942. चन्ने नी hakmaiti, 1201. **इकाक** hakkāk, 538. E 11 hajar, 383, 1326. ESTE hajār, 585. सवार बोन hajār bīn, 585. इन्दिया hajuriya 733. इटका hatka, 1256. इटवर्ड् hatwaï, 914. ष्टवा halwa, 914. BZAIT halwāi, 914. **घट**वे hatwe, 914. EZT haltha, 838, 841. चड़ा बाद hattha barad, 811. Total hathila, 1456. wat hadda, 1074, 1075, 1183 - \* \* haddi, 984.

च्डुका harka, 68. चड्वर harwar, ४४2. इँड्बाय hanrway, 131. चड्चड्र harhara, 956. हड्हा harha, 956. हड़ा hara, 1183. इंड्रिंग harira, 726. ह डिया hanriya, 69, 83, 139, 368, 432, 465, 713. च डोलवा hanrolwa, 263. हं डोबा hanrola, 113, हड़ीड़ी harauri, 844. इतयावा hateyarwa, 1177. TET handā, 251, 268, 569. TET handa, 268. च्या hattha, 64, 307, 363, 416 510, 597, 915, 1129. हत्या चर्क hattha charak, 597.

इस्टी hatthi, 510, 613.

इत्यू hatthu, 510.

TU hath, 564.

इथ अक्ररो hath akuri, 564.

इथ उक्री hath ukri, 564.

चयकड़ hathkar, 335g.

चथकड़ा hathkara, 335g.

**इथकर** hathkar, 335g.

चयकरा hathkara, 416.

हथकल hathkal, 416.

चयजुद्दा hathkutta, 431.

इथार hathgar, 335g.

इचिचिट hathghiset, 801.

**इथरा** hathra, 443, 621.

**चथनी** hathni, 1129.

Tuuin hathpani, 579.

ख्यपेर hathpher, 1476.

**इथबर्डी** hathbarhi, 116, 930.

इथवे hathbai, 1183.

**इथरा** hathra, १३5g, 416, 443, (2).

इथवानी hathwani, 579.

च चवासा hanthwäsa, 185.

इथवींसा hathwānsa, 223.

इथवाद्या halhwāha, 915.

**६थहर** hathhar, 335g. 688.

**इया** hatha, 64, 307, 335g 363, 490.

हिचिनी hathini, 1129.

इचिया hathiya, 1074, 1082, 1089.

इधिया स का h thiya sunda, 107 '.

चथुनी hathuni, 1005.

इचेता hathaila, 284.

इयोद्या hathaua, 831.

चयौदा hathaura, 523.

चयोग hathauna, 378, 713.

ख्यीर hathaur, 410.

हयौरा hathaura, 897, 410, 523, 552.

**चर्यारी** halhauri, 897, 410, 512, 539, 560, 589, 552, 624.

**चतुवा** //anua, 1178.

चम उघार hanth udhār, 1476.

TAT hanna, 409.

चपनी haphni, 1181.

च्चसायल habsāël, 957.

**इवेसी** habeli, 1234, 1254, 1275.

TH ham, 1087, 1092.

इमचा hamcha, 978.

**इमर** hamar, 859.

हमर विद्वाद मार्ल गल hamar bihnaï, māral gel, 859.

चमच् hamhūñ, 1084.

हमास hamām, 706.

हमाम दिस्ता hamām dista, 706.

हमार hamar, 1116.

इमार hammar, 861.

इम्मर षतुसार भेज hammar banusā; bhel, 864.

चन ति harkati, 363.

**इर har, 1, 6, 328,** 817, 846, 1003 1087.

चरका harka, 68.

चरकाच harkoh, 1098,

द्यकाद्या harkāha, 1098.

हाडी harkhi, 867.

हरखगानी harkhugāni, 840.

**प्रयुको** harkhuli, 840.

चरखूजल harkhūjal, 840.

ष्टरखोलानी harkholāni, 840.

ष्टरखोतिया harkholiya, 840.

चरखोजी karkholi, 840,

चर चनाएव har chalaib, 817.

चर चाँड़ी har chānri, 24.

चरजा harja, 1488.

चरिंजना harjinea, 806.

परनोबार harjoār, 810.

चर जोतब har jotab, 817.

चरकुटाव harchutao, 840.

चरकुडन harchhuttau, 840.

TET harda, 1074.

**हर्रो** hards, 1073, 1308, 1404, 1409.

चरदो गुड़ hardi gür, 1404, 1409.

हरही चढ़ाएव hardi charhāeb, 1308, 1311.

हरना harna, 956.

चर नाधन har nādnab, 817.

हर नाधा har nādha, 17.

चर पहटा har pahta, 846.

चरफोरवा harphorwa, 959.

इरफोरवा के दाव harphorwa kerāo, 959.

TE awa har bahab, 817.

चर्बिनार harbinar, १40.

चरभञ्चा harbhanja, 846.

इसम्बद्ध karmahantar, 839.

चरमञ्जर harmahutar, 839.

हरमहूरत harmanūrat, 1433.

इसोइतर harmohlar, 839.

हरमोतर harmotar, 1439.

चॅररहवा hafirrahwa, 956.

**हर्रा** harrā, 996.

चर संयो har lathi, 17.

**ছर्बन** harwat, 839.

हरवर harwar, 1186.

हर्वा harwa, 765.

हरवाड harwāh, 842, 1184.

हरवाहा harwaha, १४2.

**चरवाची** harwāhi, 838, 842, 1186.

चरवाँचौँ harwānhi, 838.

**घर** सन्भा har sajjha, 846.

चर समत har samat, 339.

हर बमींघ har samaudh, 818, 839.

हरसा harsa, 178, 274.

ष्ट्रसाँग॰ har sanga, 3.

हरसोधन harsodhan, 1434.

हरहरा harhara, 758.

चरार Aarāi, 835, 843, 1201.

चराठा harātha, 838.

हराची harāthi, 1096.

हरास harām, 1125.

**हराही** harāhi, 1201,

88 R. & J.

चरि hari, 414.

हरिखर hariar, 996.

इरिबन्स haribans, 1451.

हरिराम बरम hariram barm, 1456.

हरियार hariyār, 197.

हरिस haris, 5, 1308, 1349.

हरिसा harisa, 275.

हरिहर harihar, 1201.

हिर्हर नाथ harihar nāth, 1456.

हिहरा harihara, 1201.

चरिचरी harihari, 1201.

हरिश्वा hariha, 1156.

हरी hari, 1201.

**चरी**स harīs, 5.

**हरे या** hareya, 841.

चरेया वेस haraya bail, 841.

हरेठा haretha, 994.

हरौती harauti, 1183.

हरीर haraur, 1186.

हरौरी harauri, 842, 1186.

इल hal, 1.

चलका halka, 784.

हच्छा halkha, 388.

चलदी haldi, 1073.

चलमचानी halmachāni, 233.

इसवाद halwāi, 454.

चन्नचलाइके halhalāichhai, 987.

हतही halhi, 801.

**इ**लाकी halāli, 1139.

**इस्**चा halua, 1272.

**इ**जञार haluāī, 296, 454, 463.

**चलुक** haluk, 799, 800.

चवाद hanāī, 585.

**इवेसी** haweli, 1234.

ह्यातगना hashtagna, 451.

हसर hasar, 1451.

च्चर्कर्व hasar karab, 1451.

ष्टॅं सुचा hansua, 73, 328, 377.

चं सुस्रो hansuli, 74, 377, 765, 1439.

20a

इस hast, 1082, 1085.

च्सी hasti, 568.

इस्तब्दी hastbudi, 1222.

Tt han, 1085.

चाज haü, 1458.

चौकब hānkab, 870.

**द्यांकिम** hākim, 1184.

चाकिम चुकमी hākim hukmi, 1184.

चाकिजी hākimi, 1470.

चाकिमी चिसा hākimi hissa, 1470.

Tial hanki, 870.

**इंको** hānko, 1087.

**Till** hängi, 607.

हाट hāt, 1070.

चाड़ा hāra, 956, 1183.

चौड़ा hānra, 268.

हार्डिन hārin, 1197.

हाड़ी hāri, 1197.

चाँड़ी hānri, 69, 139, 430, 432, 506, 713.

Tto hanrha, 669.

**चाता** hā/a, 832, 1234. .

हाता वाला hāta wāla, 832.

चात्व hātul, 416.

TT hāth, 356, 855, 1490.

चौथ hanth, 867, 1451, 1490.

हायक hāthak, 1070.

ष्टाँचकल hānthkal, 4116.

हायड ha har, 621.

द्वायर hāthar, 443.

हाँच वे निकास्व hanth sen nikaëb, 867.

चायी hāthi, 1084, 1129.

**चाचे** hāthe, 478.

**Tiu** hāmph, 1181.

चानुस hābss, 990, 1272.

र्दीमर hammar, 487.

चार hār, 233, 765, 1391.

चारवाला hārwāla, 1156.

964, 1215, 1228.

हाल उपार्शकत hāl upārjit, 1215.

द्वाल द्वासिली hāl hāsils, 1223.

चावन hāwan,

ष्टावन एसता hawan dasta, 706.

**हाधा hāsho**, 1465.

चासिस hāsil, 1076, 1077.

**हाचिको** häsilı, 1223.

**चौस**ू hānsu, 328.

रिका hikka, 302.

हिंबोरी hingori, 662.

teret hichcha, 447.

चित्रजाना hinuāna, 1064.

शिया hiya, 1070.

**इराचील hir**āöl, 85!.

चिरात hirāt, 1153.

चिरांत hirant, 1148.

चियान hisāb, 1468a, 1470, 1472.

दिसाब विकारो जासा hisāb bikri galla, 1468a, 1470, 1472; Appendix.

िस्सा hissa, 1214, 1470; Appendix, 14.

दिसा खास hissa khās, Appendix,

श्विमा पटिसार hissa patidāri, 1214.

हिसा दार hissedar, 1208, 1214.

**27** hi, 1446.

Eta hīnk, 302.

चीन hin, 1084.

इसमी hukmi, 1184.

इक्सत hukumat, 1201,

Tal hukka, 472, 1026, 1452.

हुका (or हुका तामाकु) वन्द करन hukka (or hukka tamaku) band karab, 1452.

इनताना hujtāna, 1198.

ह डिया ना hund yana, 1474.

च दियावन hundiyāwan, 1474.

TET hunda, 903, 1221, 1483.

हुका भारा hunda bhāra, 1488. हुकी hundi, 1474, 1487. हुडी पन्नी hundi patri, 1487. gan huttha, 653. इसना humna, 12. हुमेल humel, 765. चुन्मा humma, 1458. चुका hurka, 1250. चुर पटेल hur petal, 1098. **ছररा** hurra, 653. हरसर hursa, 778. चुलक huluk, 585. चुसुनहान husundan, 711. हर hūr, 29, 89, 471. Ett hūra, 29, 653, 848, 868. **TA** hūl, 748. Tuce hengaiha, 829. हाँगही hengahi, 33, 118. हैंग। यन hengaëb, 830. चैंवती henwti, 808, 1016, 1019. ₹nt henga, 30, 36, 830. च्या चलाएव hedga chalāëb, 830. हॅंगी hengi, 31. 诸 her, 1124. च्चे र her, 1113. चे स hera, 1132. चे श जाएब hera jāëb, 1132. w hai, 957, t964, 987, 1001. 1004.

🕏 hain, 568, 655. हे कल haikal, 765. च कल haikal, 765. होरसा horea, 778. चोरहा horha, 877, 957, 984, 990, 1272. चीत्रचर holha, 877, 957, 990. च*े हि hoñhi*, 1087. हो ho, 655, 1486. होएत hoet, 363. होएब hoëb, 1158. होए ला hoe la, 851. होए hoe, 1088. होति hokhe, 965, 1090. हो गैल ho gail, 1485. होत hot, 1080. होबों hoboñ, 1092. होम hom, 1332. होय hoy, 518. होसा hola 1088, 1173. होनी holi, 1198. चोनी खेनाद holi khelāi, 1198. हीर्शे haudri, 323. ছীৰ hauj, 321. चीद haud, 316, 321. होंदो haudi, 314.