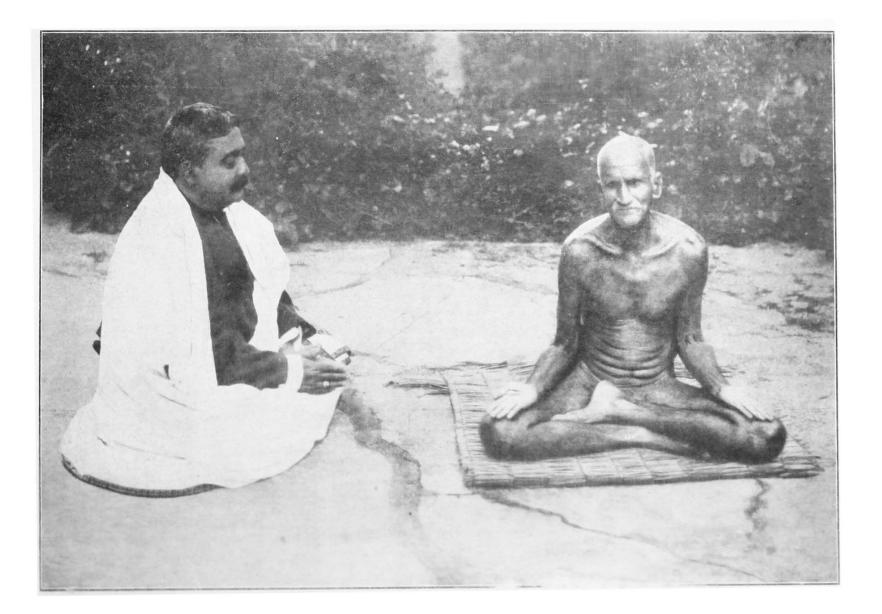
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BY

SIR HERBERT RISLEY, K.C.I.E., C.S.I.

DIRECTOR OF ETHNOGRAPHY FOR INDIA, OFFICIER D'ACADEMIE, FRANCE, CORRESPONDING MEMBER OF THE ANTHROPOLOGICAL SOCIETIES OF ROME AND BERLIN, AND OF THE ANTHROPOLOGICAL INSTITUTE OF GREAT BRITAIN AND IRELAND.

"In good sooth, my masters, this is no door. Yet is it a little window, that looketh upon a great world."

WITH TWENTY-FIVE ILLUSTRATIONS.

CALCUTTA:

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SIR WILLIAM TURNER, K.C.B.

CHIEF AMONG
ENGLISH CRANIOLOGISTS
THIS SLIGHT SKETCH
OF A LARGE SUBJECT

IS

WITH HIS PERMISSION
RESPECTFULLY DEDICATED.

INTRODUCTION.

In an article on 'Magic and Religion' published in the Quarterly Review of last July Mr. Edward Clodd complains that certain observations of mine on the subject of 'the impersonal stage of religion' are hidden away under the 'prosaic title' of the Report on the The charge is just, and the offence is Census of India, 1901. aggravated by the fact that the Report in question weighs seven pounds and is cumbered with many statistics. Mr. Clodd's grievance may, however, perhaps be thought to justify me in venturing to reprint, in a more handy form, the less dreary portions of my own contributions to the Report, with such revision and expansion as seemed to be called for. Two new chapters have been added. One of these, Caste in Proverbs and Popular Sayings, is an attempt to give a much described people the chance of describing themselves in their own direct and homely fashion. It is, in fact, a mosaic of proverbs, selected from the ample material which will be found in Appendix I, and fitted together into a connected whole with the minimum of comment and explanation. In the chapter on Caste and Nationality I have endeavoured to analyse the causes and to forecast the prospects of the Indian nationalist movement of recent years. Being anxious above all things to avoid giving offence, I submitted the proofs to Mr. Nagendra Nath Ghose, Fellow of the Calcutta University, and Editor of the Indian Nation, a sober thinker, who holds that the people of India 'should conceive national unity as their chief aim, and the realisation of it as their chief duty." Mr. Ghose gives me the comforting assurance—'I have discovered no sentiment with which I am not in agreement.'

For the same reason the chapter on Caste and Religion, which contains a certain amount of new matter, was laid before my friend Mr. Justice Mookerjee, Vice-Chancellor of the Calcutta University, one of the most learned, and not the least orthodox, of living Hindus. Dr. Mookerjee has been good enough to write to me: 'I have very carefully read over the proof which you so kindly sent me.

^{*} Hindustan Review, Nov. and Dec. 1904.

I have never read anything so illuminating on the subject, and I have not come across any statement to which exception may justly be taken.' I trust, therefore, that it may be recognised, even by those who dissent from my views, that these delicate subjects have been approached in a spirit which escapes Darmesteter's telling criticism 'Mais à ces mâitres honnêtes manque le don suprême, le seul qui fasse pardonner les supériorités écrasantes: la sympathie.'

I am indebted to Rai Bahadur Lala Baij Nath, Judge of Ghazipur, for the following criticism of my definition of Hinduism, as it appeared in the Census Report:—'The Census Commissioner's [definition] would have approached nearest to the mark, so far as modern Hindu society is concerned, if he had omitted the word "two" both from the sets of ideas and the conceptions of the world and of life.'* The amendment suggested is gratefully accepted and has been duly carried out.

My thanks are also due to Mr. Justice Sarada Charan Mitra, of the Calcutta High Court, for revising the translation of a notable speech of his quoted in the chapter on Caste and Marriage, and to Mr. B. A. Gupte, F.z.s., Assistant Director of Ethnography, for much assistance in the collection of material and the revision of proofs.

The illustrations require a word of explanation. With the exception of the frontispiece, which was presented to me some years ago by one of the persons there depicted, all of them are taken from the Ethnology of Bengal, by the late Colonel E. T. Dalton, formerly Commissioner of Chutia Nagpur. The book is now a rare one, and I am informed that the entire stock was destroyed by an unfortunate accident some years ago. The lithographs which it contains represent only two out of the seven main types traceable in India and thus fail to cover the whole of the subject dealt with in the present work. It seemed, however. to my publishers worth while, and to myself as a lover of Chutia Nagpur and its people a pious duty, to preserve from oblivion these fine pictures, one of which, the study of Juang female attire by my friend the late Mr. Tosco Peppé, is, I believe, absolutely unique. I trust that Sir Benjamin Simpson, the sole survivor of the artists who assisted Colonel Dalton, will recognise the excellence of our intentions and will pardon the shortcomings of the process. employed.

^{*} Hinduism: Ancient and Modern. New Edition, 1905, p. 6.

CONTENTS.

CHAPTER I.

THE PHYSICAL TYPES	3:					PA	GE.
Ethnic isolation of	India	•••	•••	•••	•••	•••	1
External factors	-	•••	••	***	•••	-	3
Internal factors	•••			•••	•••	•••	4
The race basis of I	ndian soc	iety	***		••	•••	4
The data of Ethno	logy	•••		•••	••	***	6
Language and race	·	•••		•••	••	***	6
Indefinite physical	character	s	•••	•••		••	12
Definite physical c	haracters	•••					15
The data now avai	lable		•••	***	•••	•••	17
Method of treatme	nt adopte	d		•••	•••	•••	17
Craniometry and A	nthropo u	net ry	•••	••	••	•••	18
Anthropometry in	India	••	•••		••	•••	19
General classification	on of man	kind: the	hree prim	ary types	•••	•••	21
Their application t	o India		•	•••	•••	•••	24
Conditions favoura	ble to ant	hropometry	• •••	•••		•••	24
Shape of the head		••	•••		•••	•••	25
Its value as a test	of race	•••	•••	•••	•••	***	25
Shape of the head	in India	•••	6	•••	•••		26
Shape of the nose	: the nasa	al index	•	•••			27
Correspondence w	ith social	groupings	***		••	•••	27
Shape of face: or	bito-nasal	index	***	•••	•••	•••	28
Stature in Europe	and India	.,,	•••	•••	•••	***	30
The seven physica	l types	••		•••	***	***	31
Limitations of the	scheme	•••	•	•••		•••	33
Turko-Iranian typ	е.	•••		***	••	***	34
Indo-Aryan type	***	••	•••	•••		***	35
Scytho-Dravidian	type	. ••-	***		•••	•••	37
Aryo-Dravidian ty	pe	•••		•••	•••	•••	38
Mongolo-Dravidia	n type	•••		•••	•••	•••	39
Mongoloid type		•	***	•••	•	***	4 I
Dravidian type		••	•••	•••	•••	•••	43
Origins of types	•••	•••	•	***	•••	•••	46
Dravidian		***	***	***	***	•••	46
The Indo-Aryan t	ype : its n	on-Indian o	rigin	•••		***	47
The mode of its e			•••	•••	•••	•••	48
The Aryo-Dravidi	ians: Dr.	Hoernle's t	heory	441			5 3
The Mangala-Dre	widiane				444		20

THE PHYSICAL TYPES:—contd.					PAGE
The Scytho-Dravidian type: its	history	***	***		5.5
Its possible origin	•	•••	· 144		56
•		•			
CHA	APTE	2 11			
SOCIAL TYPES:	11 111	. 11.			
Social divisions: the tribe					61
Types of tribes	-10	•••	•••	••	61
The Dravidian tribe	_			•	62
The Mongoloid tribe		***		•••	63
The Turko-Iranian tribes: the	Afghan tvi	pe	•••	•••	63
801 - To 1 - 1 - 1 - 1 - 1 - 1 - 1			•		f)
Marriage in Baluchistan		••	•••		6;
The mond (meets)	•••	•••	••		66
Definition of caste		* 4*	***	.,	67
M. Senart's description	•••		••		67
An English parallel		•••			(7
*Conversion of tribes into castes	•••		••		70
Types of Caste	•••	•••	•••	••	74
(i) Tribal castes	•••	•••	***	•••	74
(ii) Functional castes	•••		•••	**	75
(iii) Sectarian castes		***	•••		77
(iv) Castes formed by co	rossing	••	***		81
	•••	***	•••	***	85
(vi) Castes formed by n	_	•••	•••	•	86
(vii) Castes formed by c	hanges of	custom	•••	••	90
Totemism		***	***		93
In Chutia Nagpur	•••		***	•	91
In Orissa	•••	•	•••		96
In Bombay	***	••	***		98
In Central India	•••	•••	•••	•	ý9
In the Central Provinces In Madras	••	•••	•		100
In Madras	•••	•••	***	••	100
To Durana	***	•••	••		101
	•••			•	101 2 01
Mr. Frazer's theory of totemism Totemism and Exogamy		•••	•	•••	102
Classification of castes	***	•••	***		167
Method adopted in Census of 19	n.		•	••	leg
Its practical working		***		••	. 110
Its general results			•••		111
Social precedence of Hindus in	Bengal		***	•••	113
Social precedence among Muhar		***	•••		118
Case of Baluchistan		***	•••	••	120
Distribution of social groups	•••	***	•••	•••	121
Diffused groups		***	***		122
Localised groups	•••	***	***	***	. 183
Muhammadan groups					124

CHAPTER III.

CASTE	IN PROVERBS AND POPULAR SAYINGS:							
	Proverbs in general: var			•••	••		124	
	Classified as general and	particular					125	
	Indian proverbs of caste	•••	•••		••		126	
	A village portrait gallery	•••			•••		126	
	The Brahman	••	•••	•••	•	٠	126	
	The Baniya	••	•••	•	•		127	
	The Kayasth .	•••	••			•••	128	
	The Jat	•••	•••	••		***	128	
	The Kunbi or Kurmi		••	•••	••		129	
	The Barber	•••	***	••	••	•••	129	
	The Goldsmith	•••	•••	•••	-		129	
	The Potter	•••	••		•••	•••	130	
	The Blacksmith	•••	•		***	***	130	
	The Carpenter	3. •	•••	•••	•••	•••	130	
	The Oil-presser and deale	er in oiļ	•••		**	•••	131	
	The Tailor	•••	••	•••	***	•••	131	
	The Washerman	***	***	•••	•••	***	131	
	The Fisherman	•••	***	***	•••		132	
	The Weaver	••	400	•••	***		132	
	The Tanner and Shoemal	ter 🚕	***	***	•••	•••	133	
	The Dom	•••	•••	•••	•	:. .	134	
	The Mahar and Dhed	•••	•••	•••	***	•••	134	
	The Pariah	***	•••	•••	•••	••	135	
	The Bhil				•••	••	135	
	Comparative Proverbs	*4*	•••	***		••	136	
	The Parsi	:**	•••	***	•••	••	138	
	The Ascetics	•••	***	•••	•••	••	138	
	The Muhammadans	400	_ ••		•••	••	139	
	In Baluchistan and North	-West Frontier	r Province	••	•••	•••	140	
	In Sind and Gujarat	•••	***	•••	***	***	141	
	In the Punjab	•••		••	•••	L 100	142	
	In the United Provinces	•••	**	•••	***	***	143	
	In Behar	•••	*		•••	•••	143	
	In Madras		~		• • •	• •	143	
	Provincial and local Prov	erbs	•••	***		•••	143	
	General Proverbs	•••	***	•••	•••	***	144	
	•							
		CHAPT	ER IV.					
CASTE	AND MARRIAGE:							
	Contrasts between India	and Europe	-	•	***	••	148	
	Endogamy	-	•••	***	•••	••	150	
	Exogamy	***	***	•	•••	***	155	
	Hypergamy	•••	***	•••	***	•••	156	
	Influence of hypergamy	***		•	. •	••	159	
	Female infanticide and e		•••		•••	•••	164	
	Female infanticide and h	vpergam v		_	••	***	166	

CONTENTS.

CASTE	AND MARRIAGE :- contd.					P	AGE.	
	Origin of hypergamy		•••		***		171	
	Widow and infant marriage			***		•••	174	
	Prohibition of widow marriage unknown in Vedic times							
	Causes of its revival							
	Considerations of property, of spiritual benefit, of sacramental doctrine							
	Influence of hypergamy	•••					177	
	Practice of lower castes	•••		•••			177	
	Feeling of the people as to exte	***		178				
	Prevalence of infant marriage	•••			•••		179	
	Origin of infant marriage		•••				180	
	Mr. Nesfield's theory	••					181	
	Antiquity of the custom: its po	ossible cau	ses		•••	•••	182	
	The case for infant marriage		•••	•••		•••	184	
	The physiological side of the qu	uestion	•••	•••			185	
	Abuses in Bengal				•••		186	
	Reform in Rajputana			•••	•••	٠,	188	
	Rules of the Walterkrit Sabha	•••		•••	***	• • •	188	
	As to expenses		***	•••			189	
	As to betrothal		•••		••		189	
	As to age			***		***	190	
	Legislation. Mr. Ghose's schen	me				***	191	
	The Mysore Act				• •	••	192	
	The Baroda Act			•••	••		193	
	Its practical working			••		. •••	194	
	Sardar Arjun Singh's scheme						194	
	Indian views of it .						195	
	Prospects of reform .						196	
	Difficulties of legislation				***	***	197	
•	The two forms of polyandry						198	
	Matriarchal polyandry			•••	••		198	
	The ceremonial husband	•••		***	• •		200	
	The actual husband						201	
	Fraternal polyandry in Tibet an	d Sikkim		•••	•••		2 0 I	
	Origin of polyandry		• • •	•••	***	••	203	
	Statistics of marriage	•••	•••		•••		203	
	Among Hindus						204	
	Among Muhammadans			•••	•••		204	
	CH	APTE	ER V.					
CASTE	AND RELIGION:		, , , , , , , , , , , , , , , , , , ,					
	Stratification of caste		-	-			207	
•	Hinduism and Islam .			•••			208	
	Railways and Religion		- parking				208	
	Fetishism						210	
	Shamanism						211	
	Animism				• •	***	213	
	The best term available			• •	•••	•••	213	
	Ideas underlying Animism			••			214	

CONTENTS.

CASTE AND RELIGION :- contd.					F	AGE.
Impersonal elemental forces		••				216
Origin of unworshipped suprem	e beings			•••	•••	216
Beginnings of religion				•		218
The ghost theory						219
Growth of ancestor-worship						219
Animism in India	••					222
Relation between Animism and						223
Illustrations of Animistic ideas		•••	•••			224
The Sri Panchami and Animism						225
Sources of Animistic usages		-	•••	•••		227
Pantheism						227
Transmigration and Karma			•••	-		228
Lucian on Karma		•••	•••	-		230
Ancient Paganism and modern	 Hinduism		•••			232
Adaptiveness of Paganism	Limanism					233
Weaker than Hinduism in meta	nhuciae and		•••	-		_
Stronger in national sentiment			••	•••		234
•	••			***	•••	235
Statistics of religion _	•••	••	•••			236
 Increase of Muhammadans Influence of conversion 	•••	•••	••	•••	••	237
		•••	•••	•••	•••	237
Influence of Christianity on the			•••	•••	••	239
Causes of its failure with the high		•••	• • •	•••	•••	241
Nationalism and the Arya Sama	J	•••	•••	•••	••	243
The Samaj and the Khatris	•	•••	•••	•	/**	244
The future of Hinduism	***	•••	••	•••		245
THE ORIGIN OF CASTE:	APTEF	R VI.				
The origin of caste	•••	•••	•	••		247
The Indian theory	•••	•••	• •	•••	•••	248
Its historic elements	•••	•••	•••			249
• Its probable origin	•••	•••				251
The Indian and Iranian classes	•••	•••	•••	•••		252
Sir Denzil Ibbetson's theory		•••	••	•••	•••	253
Mr. Nesfield's theory	•••	•…			• •••	255
M. Senart's theory	•••	•••		•••	-	256
Caste not merely occupation.		of Mediæ	val Europ	3	•••	259
Caste under the Roman Empire				•••		260
Castes not merely developed trib		••	•			262
The genesis of caste: the basis	of fact	•	•••	••		2 62
The genesis of caste: the influen	nce of fiction	on		•••	•••	265
Summary	•••					266
СН	APTER	VII				
CASTE AND NATIONALITY:						
European idea that caste is breal	zina un					267
-		••	•••	••	•••	268
Founded on misconceptions of f	aul			· • •		200

SIE	AND NAT	TONA	LITY:	conta.				AGE.
	Not shared	by Sir	Henry Co	otton	•••	•••	.,	271
	Whose view	opiuson	272					
	Apparent antagonism of caste and nationality				ality	•••	,	273
	Caste and	monarci	ь у . .	***	•••	•••		274
	Caste and d	lemocra	.су			•••	•	¥7 4
	Caste and r	ational	it y	***	•••	••		275
	Whose views are confirmed by statistics and by the best Indian opinion Apparent antagonism of caste and nationality Caste and monarchy Caste and democracy Caste and nationality The factors of nationality Community of origin Language Political history Intermarriage Intermarriage The basis of Indian nationality The example of Gaul The example of Japan	276						
	Community	of or	igin	***	•••	•••	***	277
	Language		1 84	•••	•••	• •	.,	277
	Political hi	story	•••	***	***	• •	•••	279
	Religion	••	***	••	***	***	***	·80
	Intermarria	ge	•••	••	***	***		241
	The basis o	f India	n national	lit y .	•••	•••		282
	Has it any	paralle	l in history	y ?	•••	•••	••	28 J
	The examp	le of G	aul	•	•••			281
	The examp	le of J	apan	•••	•••	••		245
	The future	of Indi	an nationa	alism				237
	ADDENDIV	T	Duamanha	nalatina ta t	Casta			
				-		••	•••	
			-		a,	•••	••	x x x 1 i
						•••	•	-lviii
	APPENDIX	IV.	-		bution	••	•••	lviii
	APPENDIX	V		of Caste	••	•••	••	cxvii
	APPENDIX	VI.	Modern '	Theories of	Caste	***	•••	CXXI
	APPENDIX	VII.	Kulin Po	olygamy	***	••		CEXXIX
	APPONDIX	VIII	The Sant	tal and Mun	de Tribes			civis

LIST OF ILLUSTRATIONS.

FRONTISPIECE.—" Mens Agitat Molem."

PLATE I.-Khamti Female.

PLATE II.—Chulikata Woman.

PLATES III & IV.-Male and Female of the Tain or Digaru Mishmi Tribe.

PLATE V - Tain Mishmi Girl.

PLATE VI.-Bor Abor Girl.

PLATE VII.-A Chulikata Mishmi Chief in Full Dress.

PLATES VIII & IX.-Male and Female of the Lower Naga Group.

PLATES X & XI.—Lepchas (Sikkim).

PLATES XII & XIII.-Limbu, Male and Female.

PLATE XIV .- A 'Ho' or Kol of Singhbhum.

PLATES XV & XVI.-Mundas of Chutia Nagpur, Male and Female.

PLATE XVII.-A Group of Korwas.

PLATES XVIII & XIX.-Oraons.

PLATE XX.-Juang Girls.

PLATES XXI & XXII.—Typical Specimens of the Juang Tribe, Male and Female.

PLATE XXIII & XXIV.—Male and Female of the Bendkar Tribe.

MAP OF INDIA SHOWING DIVISIONS OF RACES.

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APPENDIX I.

CASTE IN PROVERBS AND POPULAR SAYINGS.

BRAHMAN.

(PRIEST.)

BEFORE the Brahman is in want the king's larder will be empty. Like the cat in a Brahman's house (No risk of being killed). The Brahman's house smells sweet (He burns sandal wood in the sacred fire). Only he is a true Brahman who comforts those who come to him for help. Like priest, like people. riches of the Brahman are in the Veda; help him who teaches it (A Brahman's advice). Will the new moon wait till the Brahman comes? The Brahman is in a hurry, the temple must be decorated. Like killing a cow and making shoes for a Brahman of her hide! (An unsuitable present). He feeds Brahmans, but his own mother starves. Even an Aiyangar (title of Brahmans) can give you a contagious disease. A Brahman's Tamil and a Vellala's Sanskrit are equally bad. When the Brahman was at the point of death, his wife wept for his scalp lock. Leading an ass and feeding a fire. (The allusion is to the tale of a certain king whose barber could shave him while he slept without waking him. To reward his skill the king made his priests turn the barber into a Brahman, which was done by leading him round a sacrificial fire. Next day the king saw his Vizier busily engaged in leading a donkey round a fire and asked what he was doing. The Vizier replied that as the priests had made a Brahman out of a barber he was making a horse out of an ass.) The priest will, after all, be obliged to eat the gram cakes. (Here the Brahman is supposed to be angry with his wife for giving him gram instead of wheat: at first he refuses his food, but hunger drives him to eat what is put before him.) What signifies the knowledge of the shāstras to him who fails to practise virtue? If I say this, it is as bad as killing a Brahman; if I say that, it is as bad as killing a cow. Betel nut in the hand of a priest. A girl must be married at ten even if to a Pariah (A gibe at infant marriage among Brahmans). A Nagar will always lie; if he speaks the truth his guru (spiritual teacher) must have been a fool. You will not get the better of a Nāgar; if you do, he must be a Hajām. To get a Nāgar wife you must pay a jar full of money. (The Nāgar brideprice is high.) You may see a Nagar bride naked. (She will bear inspection.)

What is a Brahman? A thing with a string round its neck. Does the thread make the Brahman? A saint, a cook, a water carrier, and an ass? (Aimed at the

multifarious occupations of the modern Brahmans.) A priest by appearance, a butcher at heart. There are three blood-suckers (butchers) in this world—the bug, the flea, and the Brahman. The Brahman and the vulture look out for corpses. Flaunting a rosary and hiding a knife, you chant the Divine Song, Oh Brahman. exhorting others but sinning yourself. A Chaube set out to become a Chabbe. but returned a Dube. (Chaube and Dube are Brahman titles denoting in theory that the holders know four Vedas or two Vedas respectively. The irony of the saving is directed at the ignorant Brahman who wants to know six Vedas when there are only four.) What is in the Brahman's book is on the Brahman's tongue. Bathe in the Ganges and lend to a Brahman. (If you are drowned or lose your money you get salvation as a set-off.) A Brahman need only prophesy; a bullock must plough his furrow. Every Brahman has his own moral code. A Brahman is damned by his own teaching. Follow a Brahman's precepts, not his practice. A learned Brahman dies of hunger. A Brahman's wisdom-after the event. One old woman is worth a hundred Joshis. (Brahman astrologer.) The gods are false and the Brahmans impure. A Brahman washes his sacred thread but does not cleanse his inner man. A Brahman with hair to his waist. (To show his piety.) Though the Brahman prostrate himself (in penance) he will not be saved. Be the Brahman never so vile, he still rules the three worlds. (A gibe at priestly infallibility and popular credulity.) Whatever a Brahman pours out is holy water. Trace not the source of a river, nor the parentage of a Brahman: the one is mud, the other dirt. When a Chaube dies he becomes a monkey; when a monkey dies he becomes a Chaube. Who is fairer than the faithless Kashmiri Brahman: the leper. When the Brahman drowns he drags his clients down. A Bagar brings famine: a Brahman brings bad luck. The absent-minded Brahman ate beef and said "By God. never again 1" Three Kanaujias and thirteen fire-places. (A skit on the fuss that the Kanaujia Brahmans make about ceremonial observances, especially in the matter of cooking.)

To invite a Brahman is to open your door to an enemy. Strain water before you drink it and test a Brahman before you make him your family priest. When we are by ourselves he is my family priest. (He is too disreputable to associate with in public.) Waste not your breath on a Brahman, nor converse with an ascetic. Better have leprosy than a Brahman for a neighbour. A Brahman and a goat are a nuisance to their neighbours. The Brahman next door brews a quarrel and settles it (for a consideration). A village with a Brahman is like a tank full of crabs. Keep clear of a Brahman as you would of a horse's hind legs. A Srimāli Brahman is best asleep; he carries a plague in his pocket. One Nagar Brahman, nine hundred devils; two, God knows what is coming; three, certain disaster; four, sudden death. Trust a Pariah in ten things, a Brahman in none. When the gods give, beware of the Brahman. A Brahman has no pity, not even if his brother dies in his house. A Brahman, a dog, and a barber growl at their own kith and kin. A hungry Brahman will sell his gods. God knows right from wrong; the Brahman only knows dal (pulse) from rice. Walk among snakes but steer clear of Vaishnava Brahmans. Kill a cat, kill a Brahman, Set a Brahman to kill a snake. (If he is bitten no one will miss him.) If a Brahman is at hand, why swear by your child? (The person on whom a false oath is taken is supposed to die.) May you be cursed with a Brahman servant. Guruji (priest) is always to the fore, except when there is a river to be crossed. (Post of danger.) Twelve Brahmans have the strength of a goat. A Brahman's wife will speak you fair. Why do you look like a Brahman to whom a daughter has been born? Give a Brahman's daughter money, and she will say the Muhammadan creed. (Will stick at nothing.) A Brahman has no sense; he will sell his cow buffalo (which gives milk) and buy a mare (which he cannot ride). A Brahman out of work will worship his Patla (the stool on which he keeps his sacrificial implements). Client sorry, Brahman merry. (He will be paid to propitiate the powers that bring the misfortune.) 'Brahman, why don't you marry?' 'Thanks, my village perquisites satisfy me' (Droits de seigneur?). Is that stump of stalk for me, and the cocoanut for the Nambutri Brahman? (The Nambutris in Malabar get the pick of the Nayar girls.) I was just combing my beard when he brought me here and called me a Brahman. (An Assam proverb, apparently alluding to the manufacture of Brahmans from Bengali Muhammadans.) He posed as a Brahman, but his name was Piroz Khan. The Ahir's (herdsman's) belly is deep; but the Brahman's is a bottomless pit. The Brahmans' bellies are full; they lie about like gorged buffaloes. A Brahman has faith only after a meal. A Brahman risks everything for a dinner. A scanty loin-cloth and an empty stomach; by these you may know the Brahman. Rice on his plate and his sacred thread in his hand. When the Brahman's stomach is over-full a dish of curds sets it aching. Life is dear to us Brahmans; we have eaten our fill; give us money to take us home. Other people's flour and butter, what do they cost the Brahman? The Brahman gets cakes to eat; the children of the house may lick the mill-stone. The pony grows fat in Asar (June-July, when it is too hot to ride), the Brahman in Bhadra (July-August, when ancesfors are worshipped and Brahmans fed). The Brahman wanted both Hindu sweets and Muhammadan loaves, and got neither. You will repent, Brahman, and eat the same pulse after all. A hungry Brahman is like a tiger. Vishnu gets the empty litany; the Brahman takes the sacred food. (The offerings to Hindu idols are eaten by the priests.) 'Brahman, Brahman, here is uncooked food for your dinner'. 'That will do to take home, but first give me a dinner here'. After dinner a Brahman rubs his belly and a Jogi (ascetic) his head. The vegetables are rotten, give them to the Brahman. A degraded Brahman; give him a dead cow. The Brahman wore flowers and the gardens were stripped bare. A Brahman's cow eats little, but gives much milk Oh God, let me not be born a Brahman, who is always begging and is never satisfied. A Brahman will beg with a lakh (Rs. 1,00,000) in his pocket. A one-eyed cow for the Brahman (Give him what is useless). A black cow for the Brahman (Give him of your best, as the scriptures enjoin). Vultures and Brahmans spy out corpses. What is written in the Brahman's book (the duty of alms-giving) is tied up in his wife's shawl. The Brahman asks, the Baniya pays. The Brahman's son lives by begging. To a clerk a bribe, to a Brahman a gift. A cat that will not lap milk, and a Brahman who refuses a bribe. A Brahman's hand and an elephant's trunk are never at rest. A Brahman will wriggle and twist till he has done you out of both interest and principal. Give the Brahman a corner of your veranda and he will soon have the whole house. Is the ridge-pole of the Brahman's house made of bamboo? (Proverb of the improbable.) The trader has lost his capital: the Brahman claims his percentage of the profits. (Baniyas in western India set apart a pice in the rupee of their profits to give to Brahmans.) The Patel (village headman) and his wife may die, but the Brahman Imust have his fee. The son of the house

cannot afford a wife, but his father must pay for the wedding of the Brahman son.

Ask a Brahman for alms. (Blood from a stone.) If you dine with a Brahman, you go away hungry. A Brahman's servant is worked like an oil-presser's bullock, and gets nothing but stale bread. A Brahman out of work lives on pulse. Give a Brahman waste flour or bran, and he will make bread with it. When four Brahmans meet, they dine off sweets or starve (Caste scruples and ceremonial observances). It is poison to a Brahman to dine at home. A Brahman's guest; a prostitute's wedding. If a sheep comes into a Brahman village each one will get a hair. The pulse is in the market (not yet bought), but the Brahman beats his wife and asks 'will you make it thick or thin.' The Sudra prostrated himself: the Brahman dunned him for his father's debt.

BHAT.

(BARD AND GENEALOGIST.)

What is the use of talking to a Bhāt: he smacks his lips like a camel. A hungry Bhāt will set the village on fire. A Bhāt, a Chāran, and a dog will sit at the door; they will not go away when you have fed them and they will feel no shame. (Alludes to the practice of sitting *dhurna* at a man's door to recover a debt.) A Bhāt went into business and made his hundred into thirty. Bhats, Bhatiārās and harlots are a bad lot: when you come in they are civil: when you leave they don't care.

RAJPUT.

(WARRIOR AND LANDHOLDER.)

The Rajput is in the front of the fight. The wall may give way; the Rajput will stand fast. It is ill dealing with a Rajput; sometimes you get double value sometimes nothing at all. Let him alone when he is full: do not meddle with him, when he is empty: a Rangar (Muhammadan Rajput) is only bearable in his own house or in his grave. The Rangar and Gujar are two; the cat and dog are two; but for these four one might sleep with open doors. A Rangar is best in a wine shop, or in prison, or on horseback (as a trooper), or at the bottom of a deep hole. The Rangar and the devil are enemies of religion; they sin themselves and tempt others to sin. The Baniya lives on air, the Hora swings himself, the Rajput drinks kusamba (a decoction of opium), and a woman plays tricks. Rajput and Miya-braggarts both. Gossip for the Banıya, for the Rajput a song, sweets for a Brahman and music for a ghost. A Rajput is bred in poverty. At a Rajput wedding there is nothing to eat and you must sleep in the open. A Rajput wedding is like a fire of maize stalks; there is plenty of drumming and very little dinner. Grudge not the ghi; the horse will be useful in battle. (Rajput's answer to his wife when she demurred to his wasting ghi on his horse, while antelopes did very well on grass.) He ought to be grateful to me: I married his female relations. (Allusion to the difficulties of Rajputs in finding husbands for their girls). He starves himself but keeps a Bhat to sing his exploits at his door. (Rajput pride.)

You can no more make an ascetic out of a Rajput than a bow out of a pestle. The Rajput says, "I have been suckled at the breast of a Rajputni." There is no end to the clans of Rajputs and the varieties of rice. The Baghel

and the Gokel (clans of Rajputs) are fierce as steel. When asleep a Rajput, when awake a fool. Rajputs live on dried-up crusts; they have to grind corn and when they beg for butter-milk they hide the cup. The Rajput is your friend only so long as it pays him. The marriages of Rajputs are full of pomp and splendour, but meals are to be had only from heaven.

MEO.

(CULTIVATOR AND FREEBOOTER.)

When a Meo gives his daughter in marriage he gets from the bridegroom a mortar full of silver. (Referring to the high brideprice paid by the Meos.) The Meo's son will nurse his revenge for twelve years.

BAIDYA.

(PHYSICIAN.)

Let no man fix his abode where there is no wealth, no divine teacher, no magistrate, no river, and no physician. Sect marks on his forehead, and 'Govind, Govind' on his lips, he pretends to be a physician. He cannot even find the pulse, yet he doctors every one; what is it to the Baidya if his helpless patient dies? The disease has eaten the Bej's (quack-doctor's) nose. Rising and falling is the Baidya's lot, provided the original stock remains sound. (The allusion is to the complicated rules of inter-marriage among the Baidyas of Bengal, under which the social status of a family is determined by the marriages of the daughters.

KAYASTH.

(CLERK.)

A Kāyasth is a man of figures (A theorist). Trust not a Kāyasth, a crow, or a snake without a tail. A young Kayasth is as cunning as an old gipsy. Who so thinks he can jockey a Kāyasth is a great fool. The pen is the Kāyasth's weapon. A Kāyasth's son should be either learned or dead: an ignorant Kāyasth is as an oil-presser's bullock. The youngest among Kayasths. (The fag of the family.) The son of a Kayasth lives by the point of his pen. In a Kayasth's house even the cat learns two letters and a half. The strings of a sieve, a bit without a bridle, and a Kayasth servant are three useless things. Half a loaf is enough; I am a Kāyasth, not a beast. Drinking comes to a Kāyasth with his mother's milk. Beware of the Kayasth who wears a gold necklace. (The suggestion is that a Kayasth money-lender is a merciless creditor.) They will die if you touch' them, but still they crawl and bite-where have these two creatures, bugs and Kayasths, come from? A Kayasth who can pay cash is the devil; he is an angel when deep in debt. Wherever three Kayasths are gathered together a thunderbolt is sure to fall. When honest men fall out the Kayasth gets his chance, Kāyasths, crows, and roras (loose ponies) are much of a muchness. Where there are no tigers the Kāyasth will become a shikari. The Kāyasth was eleven months in his mother's womb, yet he did not bite her: why? he had no teeth.

JAT.

(PUNJAB CULTIVATOR.)

No kindness in a Jāt, no weevil in a stone. A Jāt is your friend as long as you have a stick in your hand. Bind up a wound, tie up a Jāt. To be civil to a Jāt is

like giving treacle to a donkey. Kill the Jāt; let the snake go. When a Jāt runs wild it takes God to hold him. A Jāt's laugh would break an ordinary man's ribs.

What does a Jāt know about dainties? he might as well be eating toad-stools. When a Jāt becomes refined there is a great run on the garlic: when a Jāt learns manners he blows his nose with a door-mat. If a Hindki cannot harm you he will leave a bad smell as he goes by. Wheedle a Pathan, but heave a clod at a Hindki. (Pathans call the Jāts Hindki.)

The Jāt's damri (half a pie) draws blood: the Baniya's hundred does not break the skin. (If you borrow half a pie from a Jāt he will dun you for it as much as a Baniya would for Rs. 100.) If a Jāt gives you butter-milk he will put a rope round your neck. The Jatni wetted her thread: the Karār put a stone in the scale. A good sort is the Jatni; hoe in hand she weeds the fields with her husband. When it is sowing time with the Jāt (and help is needed) everyone is his aunt or his sister-in-law; when the crop is ripe he does not know his own sister. The Jāt's baby has a plough-handle to play with. The Jāt stood on his corn-heap and called out to the King's elephant-drivers 'Hi, there, what will you take for those little donkeys?'

Doubt the solvency of a Jat who wears white clothes and eats chicken. If a Jat stops ploughing in Sravan, he ruins himself; if an old man marries, he puts his beard in the fire. There is little to choose between a Jat and a pig: but the Jat weighs more, and grubs up a whole acre while the pig is grubbing a hole. Says the Jat, 'Come, my daughter, join hands and circle the marriage fire; if this husband dies, there are plenty more.' (Jats allow widows to marry.) Put not your trust in ghi kept in an earthen pot, in a Hindu's beard, in a father of many daughters. or in a debt due from a Jat. (The ghi will taste of the pot; the Hindu may shave his beard; the father's means will be exhausted in getting his daughters married; and the Jat will repudiate his debt.) In a company of Jats there is ceaseless chatter. A scythe has no sheath, a Jat has no learning. Saith the Jat, 'Listen, wife, we have got to live in this village; if the folks say a cat walked off with a camel we must chime in.' A whole family and one wife between them. (Allusion to the fraternal polyandry believed to prevail sub rosa among the Jats.) Oh Jat, abandon your neighbour's couch. You may fathom the acrobat's art, but not the wit of a Jat. (The reference is to a Rabelaisian tale of how a king had sworn a rash oath to make over his kingdom to a female acrobat (Natni) if no one could defeat her. Whereupon a Jat climbed the Natni's pole, sat on the top and besprinkled the spectators after the manner of Gulliver in Lilliput. The Natni could not compete with this and so the kingdom was saved.)

KUNBI OR KURMI.

(CULTIVATOR.)

No month without a day; no village without a Kunbi. Better a solvent Kurmi than a bankrupt millionaire. The Kunbi is always planting, whether his crop lives or dies. Rain in Hathiya gladdens the Kunbin's heart. (An asterism in which rain is specially beneficial to the autumn crops.) Rain in September brings the Kurmin golden earrings. A basket on her head and a child on each hip—by this you may know the Kunbin. Kunbis and flour improve with pounding. You will as soon grow a creeper on a rock as make a Kurmi your friend. A Kunbi has no sense; he forgets whatever he learns. A Kunbi with a stye on his eyelid is as savage as a bull-

A Kunbi is as crooked as a sickle, but you can beat him straight. The Kunbi is so obstinate that he plants thorns across the path. The Kunbi went cowherding and earned an earthen pot. A Kunbi does not know an upright from a cross. The master sits at home and the field is full of thorns. A Konkani ghost pounds rice. (A gibe at the cowardice of the Kunbi of the Konkan, the rice-growing country between the western Ghāts and the sea.) The Kunbi's son has nothing but a loincloth, but is great at giving alms. A Kunbi's bounty—you must beat him first.

ARAIN.

(MARKET GARDENER.)

A cow is a good beast, and an Arain is a good cultivator. If you trust in God, put no trust in an Arain. Kill the Arain and the Chandar bird; the one will slander you, the other will eat your grapes.

GIRTH.

(PUNIAB CULTIVATOR.)

.When the rice is bending with its own weight the Girth looks round and swaggers. You cannot make a saint of a Girth or teach a buffalo modesty. You cannot make a widow of a Girthni or change a bull-buffalo into a barren cow. (Girths allow widows to marry, and the women are credited with making free use of the privilege.)

REDDI.

(MADRAS CULTIVATOR.)

The Reddi fed his dog like a horse and barked himself. The Reddi who had never been on a horse sat with his face to the tail. When the clumsy Reddi got into a palankin it swung from side to side. The envious Reddi ruined the village While he lived and was a curse to it when he died.

AHOM AND BHUIYA.

(Assam Landholders.)

For the Ahom the *chalang*, for the Hindu the *bei*; I am in your hands, do with me what you will. (The *chalang* is the Ahom form of marriage; *bei* the Hindu form. The proverb purports to express the feelings of a newly-married bride.)

Be it torn, be it crumpled, it is still a silk scarf; be he young, be he old, he is still a Bhuiya's son. (Social position of landholders.)

VELLALA.

(MADRAS CULTIVATOR.)

The agriculture of the Vellala of to-day is no agriculture. The Vellala was ruined by adornment, the harlot by finery.

BANIYA.

(TRADER AND' MONEY-LENDER.)

A Baniya's heart is no bigger than a coriander seed. A friendly Baniya, a chaste courtesan. (Proverb of the impossible.) The faith of a Komatı. (Punica fides. The Komati is the trader of the Telugu country.)

The grain merchant turns pice into lakhs or lakhs into pice. Shah first Bādshāh afterwards. (The Baniya's progress.) A timid Baniya loses both principal and interest. A Baniya has credit, a thief has none. A well-known Baniya prospers; a well-known thief gets hanged. A Baniya robs his friend, a thief his acquaintance. First beat the Baniya, then the thief. Four thieves robbed eighty-four Baniyas. (Cowardice and disunion) In a full boat the Baniya is a dead-weight. Trust neither the Baniya nor the ferryman. If a Sud (Amritsar Baniya) is on the other side of the river, leave your bundle on this side. The Chetti (Madras Baniya) and the goldsmith. (Arcades ambo.) No one knows what a Chetti is worth till he is dead. The outside of his turban is white, but inside it is all rags. Profit may be made by a rise of rates, but not by using false weights. The Gandhi (grocer and druggist) buys a basketful for a rupee and sells it for a rupee per tola. Gandhis and doctors are close friends. You cannot set up as a Gandhi with one bit of ginger. A petty ginger-seller and wants news of the steamer! (As if he expected a large consignment.) Hira Dalal, with a pice worth of nuts, calls himself a merchant. To-day a Baniya, to-morrow a Potdar (coin-tester). The mouse found a rag and set up as a cloth The grocer steals his own sugar. (To keep his hand in.) Spilt salt is doubled. (By picking up dust). A Baniya's five-seer weight! (Typical illustration of fraud). What can the poor Baniya do? the scales tip themselves! The simple Baniya weighed in some pice with the cloves. (And thus gave short weight.) The Jāt's wife soaked her yarn (to make it heavy), but the Baniya's weights were light. The Chetti cut the price; the weaver cut the width. A frightened Baniya gives full weight. To recover five the Baniya spends fifty. (Litigation for bad debts.) A Baniya short of a job will weigh his own weights or shift rice from one barn A Baniya will start an auction in a desert. An insolvent Baniya keeps his accounts on the wall. (Where he can rub them out.) A bankrupt Baniya sets up as a broker; a bankrupt Pārsi as a liquor-seller. When a Baniya talks of old times you may know that he is in a bad way. When a buffalo is full she refuses oil cake; when a Baniya is well off he gives time to his debtors; when a Jat prospers he starts a quarrel; when your banker is in a bad way he fastens upon you. When the Jat does well he shuts up the path (by ploughing it); when the Kirār (money-lender) does well, he shuts up the Jāt. A bankrupt Baniya puts on the robe of the mendicant and begs from door to door. Even when insolvent a Chetti is a Chetti; silk is silk though never so torn. Your debt to a Baniya grows like a rubbish heap. A Baniya's account, a horse's gallop. The Baniya has him by the scalp-lock. A Baniya is no one's friend: if he takes a walk it is only for gain. If a Baniya's son tumbles down he is sure to pick something up. Trust not a drowning Baniya; he is not going down stream for nothing; let him sink or swim. Only a madman is wiser than a Baniya; only a leper is whiter than an Englishman. If four Baniyas meet they rob the whole world. When the merchant started adorning himself the whole town was plundered. The Baniya has taken the field and the village is full of relations. (Poverty and obligations.) A Baniya for neighbour is like a boil in the armpit. I tilled the field; the Baniya filled his granary. The Baniya nets the wise; the Thag strangles the fool. The Dom borrowed ten from the Baniya and repaid a hundred. You can't pass a false coin on a Baniya. · A Baniya's terms are indefinite; he says one thing at night and another in the morning. Trust a tiger, a scorpion,

a snake, but a Baniya's word you can never take. (Cradle song in Gujarat.) The Baniya's urine breeds scorpions. He has the jaws of an alligator and a stomach of wax. A Baniya and a drum are made to be beaten. The Baniya's greeting is a message from the devil. There are three shameless ones—the Baniya, the Ahir and the whore. A crow, a Kirār (shopkeeper) and a dog; trust them not even when asleep. Father a Baniya, son a Nawāb. Better a leprous forehead than a Modh Baniya for your neighbour. There is no stopping a child or a Saukār. (The idea is that a money-lender demands payment as persistently as a child clamours for something which it wants.) He won't lend money and he won't advance grain: what does he mean by calling himself a Shāh (village money-lender and shopkeeper)? What the Baniya writes God alone can read. (In most parts of India the trading castes keep their accounts in a special character which is very difficult to read.)

The dogs starve at a Baniya's feast. Will a Baniya eat ghi and khichri every day: not he, he eats his own treacle in fear and trembling. A Baniya's wedding is run on the cheap. He chooses the bride for her skill in cooking, but every one stares at her when she goes to the well. (For her good looks and her ornaments.) The Baniya's wife spent a farthing on betel-nut: quoth he 'We shall soon be ruined.' Call a Baniya father and he will give you treacle. One Bhuinhār is meaner than seven Chamārs; one Nuniār (Baniya) is meaner than seven Bhuinhārs. The Mahesri buys sugar; if the price falls he will sell his wife. The Sarāogi cooks rice, but gives parched gram to his friends. Scales with a long beam and short strings, and a ser that weighs only three-quarters: by these you may know the true-born Baniya. The Agarwāl swaggers; his mother a Bhatiyāri (cook), his father a Kalāl (distiller). The Baniya does not trouble to curl his moustache. Here comes the grain-dealer with a basket in his hand and a rosary round his neck. (Affected piety.)

The Baniya bought up rotten grain and sold it dear: the beam of his scales broke and his weights were worn thin: he flourished and the Jāt perished: first died the weavers (Jolāhā) then the oilmen (Teli): a rupee was worth only eight annas: millet sold at the price of pistachio nuts, and wheat at the price of raisins: the carts lay idle, for the bullocks were dead; and the bride went to her husband without the accustomed rites. (A picture of famine.) Wheat jumped from sixteen sers the rupee to thirty-two: 'Oh, wheat, how hast thou dealt with me,' cries the dealer, beating his breast in his shop, 'as sure as I am a Khatri, no more wheat for me. Oh! that I had had my money made up into necklaces and beads.' (A picture of plenty.)

A Komati's evidence. (The story is that a Komati, being called in to identify a horse about which a Hindu and a Musalman were quarrelling, said that the front part of it looked like the Musalman's horse and the hind part like the Hindu's.) A monkey's death, a Komati's adultery. (Both secret.) The Mudaliar's pride wastes lamp-oil. The Mudaliar has only a pound of rice; but his pot is big enough for a bushel. (Ostentation.)

A bamboo cannot fruit, a Khatri cannot plough. (When a bamboo flowers it dies, if a trader takes to agriculture he is ruined.) When frost has killed the sugar-cane, the money-lender pretends to be bankrupt: the Jāt goes to borrow (to pay his land revenue), the Khatri puts him off. A hundred goldsmiths make one

Thag, a hundred Thags make one brass-worker (Thatera), a hundred Thateras make one Khatri. Says the Khatri: 'The thieves were four and we eighty-four; the thieves came on and we ran away.' Minced Khatri makes Khoja. A Khoja is poison hidden in honey; he goes in like a needle and comes out like a sword. From that sort of itch may the Lord deliver us. (Play on the word Khuj or Khujli, the itch, and Khoja.) A mouthful in the morning is better than ten in the evening; one Khoja without experience is better than ten Kirārs with it.

A crow, a Kirār, and a dog, trust them not even when asleep. You can no more make a friend of a Kirār than a sati of a courtesan. A Kirār sleeps only to steal. The nine Kirārs felt all alone when they met the Rāthi with a hoe in his hand. The Jatni wetted the thread; the Kirār put a stone in the scale.

BABHAN.

(BIHAR LANDHOLDER.)

Rice and the Bābhan share the same lot. (Both should be pounded and of both there are many varieties.) If Hararias, Kodarias, and Bhushharats (sections of the Bābhan caste) would die, Tirhut would be purged of its sin. Trust not a Bābhan, not even if he stand in the Ganges and swear by the ammonite, by the life of Krishna, and by his own son.

NAPIT OR HAJAM.

(BARBER.)

The crow among birds, the barber among men. Among men most deceitful is the barber, among birds the crow, among creatures of the water the tortoise. The Hajam shaves all, but none shaves the Hajam. Barbers, doctors, pleaders, prostitutes, all must have cash down. The barber, the washerman, the tailorall three rogues. Stick to your barber, change your washerman. The bridegroom gets a wife and the barber burns his fingers. (The barber lights the lamps at the wedding.) Here comes the barber with his razor; not a hair will be spared. (A reference to the custom of shaving a man completely when he performs penance for a breach of caste rules.) The razor is sharp, mother, what are you crying about? (Addressed to a newly-made widow about to have her head shaved, the disfiguring custom of western India.) The Brahman blessed the parber, and the barber showed his glass. (Diamond cut diamond, both castes living by fees.) Vain as a barber. A barber by birth, with a Parsi name. Arrogant as a barber, affected as a washerman. A man to carry the barber's bag! A slave under a slave and under him a barber. At a barber's wedding all are lords. (In Bihar the barber is ironically called Thakur.) A clumsy barber wants many razors. (A bad workman quarrels with his tools.) To shave like a hill barber. A barber learns by shaving fools. A barber out of work bleeds the wall, shaves a foot-stool, a buffalo, a cat, his shaving pot, etc. As the idol so the burner of incense; as the barber so the strop. The barber's rubbish heap does not lack hair. What cares the barber if he cuts the child's head? If the washerman's son dies the barber cares not a hair. Beat a barber on the head with a shoe, you will not make him hold his tongue. Touching barbers and their gossip the wise say, 'Throw a dog a morsel to stop his mouth.' (Choke off a reporter with a scrap of news.) A Hajām found a purse and all the world knew it. The riches of a Hajām! An elephant in a Hajām's house!

(Proverbs of the impossible.) A burglary at a Hajām's; stolen, three pots of The tailor's to-morrow never comes, but the barber must be up to time. The barber and the washerman never come in time. The tailor steals your cloth, and the goldsmith your gold; the barber can steal nothing but The barber is so rich that he asks for a virgin bride! The barber's son-in-law has his moustache shaved at his wedding. If you go back four generations you will find that your uncle was a barber. (Suggests that the barber is unduly intimate with the women of the household.) In a Palli village the barber is the schoolmaster. (Palli, a low fishing caste in Madras.) A barber, a dog, and a hawk are no good when full; a bullock, a Baniya and a king are no good when empty. Three useless things—a king with no subjects, a he-goat with no flock, a barber with no customers. What can a bald man owe to the barber's mother? A Dom made friends with a barber and got shaved for nothing. A barber's penny. (All profit and no risk.) A barber with bamboo nail-scissors. (Inexperience.) The barber's son learns to shave, the wayfarer gets cut. Nails grow at the sight of the barber. A barber's wit has sixteen sides. When a girl talks cleverly you may know she is a barber's daughter.

SONAR.

(GOLDSMITH.)

The goldsmith, the tailor, the weaver are too sharp for the angel of death: God alone knows where to have them. Trust not the goldsmith; he is no man's friend, and his word is worthless. If you have never seen a tiger, look at a cat; if you have never seen a thief, look at a Sonar The goldsmith's ear-boring does not hurt. Break up old ornaments, order new ones, and the Sonar is happy. Nothief like the goldsmith; no bumper crop but in !rrigated land. The wearer has the bracelet, the Sonar has the gold. The Sonar will ruin your ornaments (by mixing base metal with the gold supplied to him) and will clamour for wages besides. A Sonar will rob his mother and sister; he steals gold even from his wife's nose-ring; if he does not steal, his belly will burst with longing. A little goes in hammering, a little goes in melting, and there is no gold left. (A Sonar's methods.) The Sonar works in One goldsmith and one who sifts his ashes. (Two rogues. gold and his wife dies of hunger. Buying or selling, the goldsmith is always content. (He makes a profit whether he buys old ornaments or sells new ones.) If a Sonar comes to the other bank of the river, keep an eye on your bundle on this side. In an out-of-the-way village the goldsmith's wedding party will stay for seven days. (Shameless sponging.) The fool who made friends with the goldsmith. Only a goldsmith knows a goldsmith's tricks. Is the goldsmith's dog afraid of the sound of the hammer?

KUMHAR.

(POTTER.)

A potter is always thinking of his pots. The clay is on the wheel; the potter may shape it as he will. The clay said to the potter, 'Now you trample on me; one day I shall trample on you.' (When you are dead.) Turned on the wheel yet no better for it. (Persistent ill luck.) Praise not the pot till it has been fired. You bought the pot; do you think the potter will change it? A

wife is no earthen pot that you can change at will. (What can't be cured must be endured.) If all the pots that are made lasted and all the children that are born lived, there would be no room left on the earth. The potter eats from broken pots. As the potter so the pot; like father like son. The potter will not ride his ass if you tell him to. The potter's wives fell out, and the donkey's ears were twisted. A Kumhār in a temper with his wife pulls his donkey's ears. The wrath of the potter's wife falls on her ass The Kumhār's ass runs after any one with muddy breeches. Sooner or later the potter's daughter-in-law must come to the refuse heap. (Kumhārs burn refuse in their kilns and cannot afford to seclude their women.) The Kumhārin has become satt for the death of the Teli's ox. (Proverb of the meddlesome.) To the potter a year, to the cudgel a minute. (The making and breaking of pots.) The Kumhār can sleep sound; no one will steal his clay.

If you are civil to a potter he will neither respect you nor sell you pots. The potter's bride must come to the kiln. Like selling pots in potters' street. A dearth of pots in a potter's house. (Proverb of the impossible.) The proof of the kiln is in the firing of the pots. In a deserted village even a potter is a scribe. (Kumhārs are supposed to be very stupid.)

CHURIHAR.

(BANGLE-MAKER.)

If the bangle-maker drops his load he wants a basket to pick up the bits. (The bangles are of glass.) The bangle-maker can squeeze a girl's arm under her husband's nose. (Bangles must be fitted, even in the zanana.)

LOHAR, KAMAR, ETC.

(BLACKSMITH.)

One stroke of a blacksmith is worth a goldsmith's hundred. Seven strokes by a carpenter equal one by a Lohār. The Lohār is a bad friend; he will either burn you with fire or stifle you with smoke. Sparks are the lot of a blacksmith's legs. Do not sit near a carpenter or near a blacksmith's forge. (For fear of chips from the one and sparks from the other.) If you live with a blacksmith your clothes will be burned. To sell a needle in the Lohars' quarter (Coals to Newcastle). If the bull must be branded let the Lohar do it. A blacksmith's shop-like the place where donkeys roll. A monkey saw the good nature of the Kallan and asked him to make it a pair of anklets. Don't buy the smith's pet maing even if you can get it for a pice. (The bird will mimic the noise of his hammer.) When a child is born to a Kallan, sugar is distributed in the street of the dancing-girls. To keep house like a Kammālan (Said of slovenly management). If you buy a cow from a Kammālan cut its ears first. The Kammālan's cloth—so thin that the hair on his legs shows through, and so dirty that it will not burn. They met the Kāmār on the road and wanted him to make them a dao. (When he had no tools with him.) Before the smith can make a screw he must learn how to make a nail.

BARHAI, SUTAR.

(CARPENTER.)

When the work is done who remembers the carpenter? For long things a Sutar, for short ones a Lohar. (The former cuts up planks, the latter hammers out

bits of iron and makes them longer.) The carpenter's face! (Not to be seen when he promised to come.) The Sutar cuts the wood but saves the chips. (For fuel.) Do not sit near the Sutar. (His chips fly.) A whore's oath and a Sutar's chip. The Sutar's adze is as sharp as the gibe of the first wife at the second. The Sutar thinks of nothing but wood and his wife walks and talks in time to the plane. A carpenter out of work planes his friends' buttocks. The fool of a Barhai has neither chisel nor adze and wants to be the village carpenter.

Lifelong drudgery, like the carpenter, who can never stop making spoons of cocoanut shell A carpenter knows all sorts of wood, but cannot cut down a tree. Will you find curds in the house of the carpenter or boiled rice in the house of the niggard? The carpenter wants his wood too long, and the blacksmith wants his iron too short.

BHARBHUNJA.

(GRAIN-PARCHER.)

A Bharbhunja's (grain-parcher's) daughter, and saffron on her forehead! (Proverb of presumption.)

BHATIARA.

(INN-KEEPER.)

Will the children of a Bhatiara die of hunger. The mother a cook, the son a fop. The Bhatiara's platter is licked clean The cook is dead; the constable weeps.

HALWAL.

(CONFECTIONER.)

A confectioner's daughter and a butcher's mistress.

MALI.

(GARDENER.)

The Māli may water the trees, but the season brings the flowers. The jackals quarrel over the Māli's Indian corn. In famine the Māli; in plenty the weaver. (Food comes before clothes.) Mother an oilwoman, father a Māli; their son a Muhammadan and calls himself Sujan Ali (Reflexion on liaisons between members of different castes.) Offend a Māli; he will take your flowers but not your life.

PANSARL

(DRUGGIST.)

A mouse found a bit of turmeric and set up as a Pansāri.

TELI.

(OILMAN.)

What will an oilman do if you set him to weave? Two Telis and foul talk. Whose friend is the Teli; he earns a rupee and calls it eight annas. An oilman sits at ease while his mill goes round. The Ghānchi's bullock walks miles and gets no further. (He goes round and round in the mill.) A Ghānchi's bullock crushed in the oil-mill. (Over-work). Don't be a Brahman's servant or an oil-presser's bullock. The oil-presser lost his bullock and is still looking for the peg to which it was tied. The Teli's bullock is always blind. What does an oilman know about the savour of musk? An oilman's daughter, and she climbs up a siras tree and sits on the top

branch! A Ghānchi's daughter and has never heard of oil-cake! The mother a day labourer, the father an oilman, and the son a 'bunch of flowers.' (Parvenu's swagger.) The Telin saves a little oil whenever she serves, but God takes all at once. (She gives short measure but loses all when the jar breaks.) A woman who quarrels with her Telin must sit in the dark. A woman who marries a Teli need never wash her hands with water. The Red-book (Qāzi) up and spoke 'What made the ox fight? The oil-cake you fed it on; so give me the ox and pay a fine into the bargain'

AHIR, GOLA, ETC.

(COWHERD.)

You will get good out of an Ahir when you get butter out of sand. Can a crust be dainty, can an Ahir teach religion? An Ahir's wealth; an earthen pot. The churner is worth more than the pail.

Koshi (the head of the Ahirs) has fifty brick houses and several thousand swaggerers. An Ahir, however clever, can sing nothing but his Lorik song. (A tribal ballad of the origin of the Ahirs.)

Better be kicked by a Rajput, or stumble uphill, than hope for anything from a jackal, from spear-grass, or from an Ahir. The Ahir's business has been done and he won't stand us even a draught of butter-milk. See the perversity of the Ahir's wife: she takes out the grain and serves the husks. The barber's son learns to shave on the Ahir's head. (A clown for a shaving-block.) As long as a Musahar lives, the Ahir will get no good out of his cows. A Gola, a drum beater and a procurer are nobody's friends. A Gola's heart is as hollow as a bamboo. Never be civil to a Gola; he is full of vices; his mother is a bad lot and he counts his fathers by the dozen. The cow is in league with the milkman and lets him milk water into the pail. A Gola's quarrel. (Drunk at night and friends in the morning.) For a Gola the court is always next door. (Litigiousness.) The Gola and his wife fall out and their donkey gets his ears cropped. Gola was guilty, but the Ghānchi lost his bullock. A donkey has more sense than a Gola. Calls himself a Gola but eats kānji. (Rice gruel made with water.) If I have to pay for my curds, what do I gain by flirting with the milkmaid? A milkman would not give pure milk even to his father

GUJAR.

(CULTIVATOR.)

When you see a Gujar hammer him. You cannot tame a hare, or make a friend of a Gujar. Dogs, monkeys and Gujars change their minds at every step. When all other castes are dead make friends with a Gujar. A house in ruins is better than a village full of Gujars. It will remain waste unless a Gujar takes it. (Said of poor land.) The Rangar and Gujar are two, the cat and dog are two; but for these four you might sleep with open doors. A Gujar's daughter is a box of gold. (The brideprice, is high among Gujars.) A Dom made friends with a Gujar; the Gujar looted his house. We have caught the Gujar's wife; fetch a large basin to hold the ransom. Sense for a Gujar; a sheath for a harrow. (Two impossibles.) In no man's land one makes friends with Gaddis and Gujars.

GARERI, BHARWAD.

(SHEPHERD.)

However good a shepherd he is still a bit of a fool. The shepherd looks for his sheep while he has it on his shoulders. The shepherd who trusted a bear! The shepherd said that the sheep would bite him and hid himself in a pot. For one thing she is a Garerin; for another she stinks of garlic. The Gareri got drunk when he saw the Ahir in liquor. If you have never seen a ghost (bhut), look at a Bharwād. A squint-eyed Bharwād has seven hundred friends. (Every one knows him by his squint.)

BANJARA.

(CARRIER AND NOMAD.)

The Banjāras are honest and never steal. The Banjāra's mother watches the seasons (for her son's return from his periodical journeys). Watch for the home coming of a servant, a thief, a Thag and a Banjāra. Strip off her shell, Oh Banjāra, and put it on some one more worthy. (Refers to the shell bracelets worn by married women, and to the reputation of the Banjāris)

GADHVI.

(NOMAD AND CATTLE DEALER.)

However far the Gadhvi goes he is always at home. 'Whither bound, Gadhvi?' The beast that goes furthest will carry me.' The Gaddi is a good natured sort of fool; ask him for a cap and he will give you a coat.

DARZI.

(TAILOR.)

Tailors, goldsmiths, and weavers are too sharp for the angel of death: God only knows where to have them. The tailor's 'this evening' and the shoe-maker's 'next morning' never come. A tailor's finishing, a goldsmith's polishing take many days. However sharp his sight a Darzi is blind. (He sees nothing but his work.) A Darzi's son is a Darzi and must sew as long as he lives. A Darzi steals your cloth and makes you pay for sewing it. When four tailors meet they talk about want of work. When a tailor is out of work he sews up the mouth of his son. Sai, Merai, and Darzi, these be three; 'with our yards, scissors and thread,' say they, 'we be six.' A tailor's needle, now in embroidery and now in canvas. What is it to a tailor whether he march or halt? (He has only needle and thread to carry.) A snake in a tailor's house; who wants to kill it?

DHOBI.

(WASHERMAN.)

Every one has his clothes washed, but the Dhobi is always unclean (ceremonially). Change your Dhobi as you change your clothes. The washerman cries for his wages; the master for his clothes. A Dhobi's dog; neither at home nor at the washing place (A rolling stone). As many changes of linen as a Dhobi. The king's scarf is used as the Dhobi's loin-cloth. At a Dhobi's wedding they all walk on cloth. The customers' clothes are used as a carpet) The Dhobi's son is the swell of the village. The Dhobi's son is always smart on a whistle and a bang. (The

Dhobi whistles at his work and bangs the clothes on a stone to drive the water through them. He then gives them to his son to wear.) A washerman's finery is never his own. The Dhobi's house is robbed, and the neighbours lose their clothes. The Dhobi's stone is his brother. Had you been born a stone you might have been of use to a Dhobi. (Proverb of a worthless fellow, good only to beat clothes on.) No soap is used unless many Dhobis live together. (Effect of competition.) The Dhobi takes care not to tear his father's clothes. A donkey has but one master and a washerman has but one steed. Steal the Dhobi's donkey and give it to the Dom. (Rob Peter to pay Paul.) At the Dhobi's wedding the donkeys have a holiday. The mother a laundress and the son a draper. In a Koiri village the Dhobi is the accountant. (He is the only man who can count.) To see a Dhobi the first thing in the morning brings bad luck. The washerman knows when the village is poor; the orderly knows when his master has been degraded. Though a washerman were dying of thirst rain would kill him straight off. A washerman who has learnt his letters throws away his washing board. A new washerman washes with care. The washerman had a drum beaten when he started washing. (Directed at the arrogance of washermen). If a washerman is sick he gets well at the washing stone. (He cannot stop work.) What cares the washerman for one who wears no clothes? The desire of the washerman is for the washerwoman: the desire of the washerwoman is for her donkey. A washerman's donkey. (Proverb of overwork.) Though its life is oozing out of its eyes the washerman's donkey must carry the linen home. Will ploughing with an ass make a farmer of the washerman? Was it the wind or the washerman that spoiled the cloth?

KALAL.

(DISTILLER AND LIQUOR SELLER.)

Oil and bribes soften most things, but not a kupa, a Kalāl, or a Musalman. (A kupa is a large leather bottle used for carrying ghi.) If you have never seen a Thag take a look at a Kalāl. Death may budge, but a Kalāl wont. The Kalāl's daughter went to drown herself, and the people said 'she is drunk.' The drunkard's evidence is in favour of the Kalāl. If you want to climb trees you must be born a Shanār. (A South Indian caste who tap palm trees for toddy.)

JOLAHA.

(MUSALMAN WEAVER.)

If he has a pot full of grain, a Jolāhā thinks himself a Raja. A Jolāhā's daughter and calls her sisters 'Bubu.' (In imitation of high caste people.) How should a weaver be able to reap barley? The fool of a Jolāhā went out to cut grass when even the crows were going home. Kodo and marua are not real food grains; the Jolāhā and Dhuniya are not real cultivators. The silly Jolāhā has found the hind peg of a plough and wants to start farming on the strength of it. Last year I was a Jolāhā; this year I am a Shekh; next year if prices rise I shall be a Saiyad. A weaver by caste and his name is Fateh Khan. (Lord of Victory.) God save us! The Jolāhā going a-hunting! Pathāns the slaves of Jolāhās! (Proverb of the impossible.) The weaver steals a reel at a time, but God destroys whole bales. If a Jolāhā leaves his loom and takes to travelling he is sure to be knocked about. The Jolāhā went out to see the rams fight and

got butted himself. If there are eight Jolāhās and nine huqqās they fight for the odd one. (None of them can count). The Jolāhā was one of twelve, he could only find eleven and went off to bury himself. (He had omitted to count himself and concluded that he must be dead). A Jolāhā will crack indecent jokes with his mother and sister. The Jolāhā's wife will pull her own father's beard.

A Jolāhā reckons time by his own standard. The ass eats the crop and the Jolaha gets hammered. The Jolaha went to the mosque to get off his fasting. and was told to say prayers as well. Id without a Jolaha! (Impossible). The Jolāhās came to a field of linseed by moonlight; the leader said 'How blue the water is; I hope you all can swim.' The Jolaha got into his boat, but forgot to pull up the anchor: after rowing all night he found himself where he was and wept at the thought that his native village could not bear to lose him and had followed him on his journey. A crow snatched a piece of bread from the Jolāhā's child and flew with it to the roof: before he gave the child any more the Jolaha took away the ladder. The Jolaha listened to the priest reading the Ouran and delighted the reader by bursting into tears: on being asked what part affected him most, he explained that the old Mulla's wagging beard reminded him of the death of his pet goat. Even if you see the Jolaha brushing the newly woven cloth, do not believe him if he says it is ready: he is as big a liar as the Chamar. When his dogs barked at the tiger the weaver whipped his child. The weaver's wife was fool enough to wrestle with a camel. The Moghal and the Pathan have had their day; now even the Tanti learns Persian. The Tanti ruined himself by buying a pair of bullocks. (By taking to agriculture). A weaver in a small way of business took to weaving tasar silk. The thief was seized with colic, and the weaver sat down on a wasp. (Proverb of sudden misfortune). The weaver digs a pit and falls into it himself. (His loom is sunk in the ground). There is neither yarn nor cotton, yet the Kori (Sind weaver) beats his apprentice for not weaving cloth. What has a weaver to do with a sword? (Reputed cowardice). The weaver weaves what he has in his mind.

DHUNIYA.

(COTTON CARDER).

No one meddles with the tailor and carpenter; all comers beat the cotton carder.

MARIYA or THATERA.

(BRAZIER).

No one knows the mind of women, crows, parrots and Māriyas. When the Māriya meets his wife he beats her. One brazier swopping goods with another. (Greek meets Greek). Two Thateras cannot make a deal.

NUNIYA.

(EARTH-WORKER).

A Nuniya's daughter gets no rest, neither in her father's house nor in her husband's.

KASAI:

(BUTCHER).

A Kasāi never tells the truth; if he did he would not be a Kasāi. Butchers have no human feelings. If you have not seen a tiger, you must have seen a cat; if you have not seen a Thag, you must have seen a Kasāi. To give a cow to a butcher. (Putting sheep in charge of the wolf). A bad cow is best with the butcher. The righteous man is in trouble and the butcher prospers. Pen-butchers (clerks) are worse than cow-butchers. How can a Rāmdāsi (Hindu ascetic) live in a village of Kasāis? The butcher hunted for his knife when he had it in his mouth.

RANGARI RANGSAZ.

(DYER).

A dyer wants to paint the town red! (The point of the original is in the play on the Marāthi word Ranga, meaning both pleasure and colour).

SALAT or SILAVAT.

(STONE CARVER).

A Salāt out of work will cut stones.

NAIKIN or THAVADIYAL.

(DANCING GIRL).

The dancing girl who could not dance said the room was too small. Does a dancing girl's daughter need to be taught dancing?

ATTAR.

(PERFUMER).

An Attar's scent bottle is a juggler's bag of tricks. (He will call his one scent whatever the purchaser demands).

MACHHI, KOLI, ETC.

(FISHERMAN).

Better three clouts from an oil woman than three kisses from a fishwife. (The latter stinks of fish). A fisherman's tongue (Billingsgate). The fisherman wears a rag, the Pantāri (fishmonger) has gold in his ears. What does a fisherman know about precious stones? If the fishmonger saw what the net sees he would die of joy. The Muhāno (Sind fisherman) has a stomach-ache and his donkey is branded. Sometimes the float is uppermost, sometimes the fisherman. (Fishermen float face downwards on earthen pots which occasionally capsize). A Māchhi woman will go on talking even after she has been buried. A fishwife dead is better than an oil woman living. The buffalo and the Māchhi woman both lose flesh in Phālgun. (When the grass is dried up, and the stocks of grain have run short so that the services of the Māchhini as a professional grain parcher are not much in demand). A cow to a fisherman, a boat to a herdsman. (Square peg in round hole). A hungry Brahman will set fire to a village; a hungry hill Koli will loot a house. The hill Koli digs a hole at night (in the mud wall of the house which he is robbing).

CHAMAR, MOCHI, ETC.

(TANNER AND LEATHER WORKER).

The Chamar and the jackal—both wily. The Chamar and the Dhed (birds of a feather). Slippery as a Chamar. The Chamar knows about his last: his curiosity goes no further. (Ne sutor ultra crepidam). The Chamar always looks at your shoes (To see if they want mending). The shoemaker's wife goes barefoot. The shoemaker gets a smack in the face with a shoe of his own making. Offer old shoes to the shoemaker's god. (The shortest way with a Chamar is to beat him with a shoe). The shoemaker sits on his awl and beats himself for stealing it. Stitch. stitch, in the shoemakers' quarter; stink, stink, in the tanners' quarter. The cobbler's dirt, the barber's wound are both hard to bear. The cobbler's shoe pinches; the barber's razor cuts. What profits a wayfarer by the best of food in a Chamar's house? (The caste is unclean). Too many tanners spoil the hide. The Chamars quarrel and the Raja's saddle is torn. The Mochi's knife does not ask where the leather comes from (i.e., whether it is clean or unclean). May you die at a Mochi's door! (So that he may tan your skin). The Mochi grieves at the sight of his own skin. (Because he can make no use of it). The Mochi's wife runs away, but the Mochi goes on sewing. The good-looking Chamarin prides herself on her complexion. A Chamar's daughter and her name is Raja Rani! The Chamar's daughter does begar (compulsory unpaid labour) even in heaven. The Mochi's aunt has smart clothes given to her, but his wife and mother go bare. (A reflexion on the morals of the aunt). If sandal-wood fell into the hands of a Chamar and he used it to pound leather, what could the poor sandal-wood do? (Unwilling association with low people). The Chamar said to the village headman: 'How is that buffalo of yours?' (The skins of dead cattle are the perquisite of the village Chamar, who is supposed to resort to poison to secure his rights). Even a Chakkali girl and the ear of the millet are beautiful when ripe (i.e., when the girl has attained puberty). The spoiled child of the shoemaker made her dinner off shoes: though she did not digest them they did her no harm. To buy leather from a shoemaker. (Proverb of the inappropriate, as the shoemaker keeps leather to make up into shoes). A shoemaker's wife and a blacksmith's mare are always the worst shod. She is a shoemaker's wife, but her feet burn for want of shoes. My affairs are like Nandan's kingdom. (Nandan was a Chamar, who became a king for three hours and issued leather coin). Now that Chamars may drink from the Ganges the righteous die and the wicked live. (Formerly Chamars were not allowed to touch the Ganges). There is no hiding the belly from the midwife. (Said of people who make a mystery of what is well known).

DOM.

(SCAVENGER),

The Dom is the lord of death. (He provides the wood for cremating a corpse). Doms, Brahmans, goats—no good in time of need. Carts, boats and Doms—all three run crooked. A Dom is a bad servant and a fiddle-bow a bad weapon. A Dom met a barber; one beat his drum, the other held up his mirror (Demanding their fees). A Dom made friends with a barber and got shaved for nothing. A Dom made friends with a weaver and got clothed for nothing. A Dom made

friends with a Baniya; he borrowed ten and repaid a hundred. A Dom sang for a Jat and got as much milk as he could drink. A Dom made friends with a Ranghar and found no worse thief than he. A Dom made friends with a Guiar : the Gujar looted his house. A Dom made friends with a Kanjar; the Kanjar stole his dog. (Kanjars are gipsies and professional thieves and are said to be fond of dogs). A Dom his father and a Dom his grandfather, yet he boasts of his noble birth. (After conversion to Islam). Behind your back, the Dom is a king. Encourage a Domni and she will bring her whole family and sing out of tune. If donkevs could excrete sugar, Doms would not be beggars. A Dom in a palanquin and a Brahman on foot. (Society upside down). If a Dom strips himself naked, what can you do to him? (Shamelessness). The fool of a Domni put the antimony on her nose (Instead of on her eyelids). A Domni's slave. (Expression of contempt). The fisherman Dom has seven wives and never a bed for one. The Domni lifted the load without polluting it. The absent-minded Domni took a net for a basket and called her husband kakāi (elder brother) in the dark. At the Dom's wedding the Dom may call the tune. The Domni's son betrays his caste by drinking from an earthen pot. The Chandal licks the platter, he leaves neither hair nor flies.

BHIL.

The Bhil is the king of the jungle; his arrow flies straight. The Bhil is always ready for the prey. With a Bhil for escort your life is safe. If you please him he is a Bhil; if not, he is the son of a dog. Bhils are very shifty; one buttock bare, the other clothed. Bhils and Berāds have no lack of children. What is an aunt to a Māng or a niece to a Bhil. (Reflexion on their morality). As noisy as a company of Bhils. There is no dawdling in a Bhil's house. (Referring to their wandering habits).

DHED,

(SCAVENGER).

Dheds are friends only with Dheds. When a Dhed dies the world is the cleaner. Riches in the hands of a Dhed. (Put to a bad use). To eat like a Dhed. (To eat unlawful food). A Dhed's tamarind, be it sweet or sour! (It is anyhow untouchable). A Dhed looked at the water jar and thus polluted it. A Dhedni's foster son. (A low fellow). The Havāldār sent for a Dhedni and she polluted the whole village. If a Dhed runs up against you, you must go off and bathe. Even a Dhedni's feet are red for four days. (Until the henna applied at her marriage has worn off). Who will marry a Dhed's daughter? Who would father a Dhed's children? Annoy a Dhed and he throws up dust. (In sweeping the road). He went to the Dhed's quarter and found only a heap of bones.

PARIAH.

Every village has its hamlet of Pariahs (outside its limits). The work of a Pariah is only half done. If you teach a Pariah, will he unlearn his brogue? A. palm tree casts no shade, a Pariah has no caste rules. The flower of a bottle gourd stinks, a Pariah's song is unsavoury. If an ox grows fat, it will not stay in the stall; if a Pariah grows rice he will not sit on a mat. Not even a Pariah will plough on a full moon day. If a Pariah offers boiled rice, will not the god accept it? He that breaks his word is a Pariah at heart.

MAHAR.

(VILLAGE MENIAL).

The Mahār is dead; he no longer defiles. The Mahār only meddles with you at the village gate. (He is the gate-keeper of the walled villages in the Maratha country). Why is the Mahār's wife so stuck up? She has got a cow's horn full of grain. Why is the Mahār so stuck up? He is holding the headman's horse. Be it crooked or straight, the bread comes from the village. (The Mahār is said to have fifty-two perquisites. One of them is the right to collect bread from house to house). To the Mahār's god the offering is an old blanket. The Mahār's child has bones for playthings. (Animals that die in the village are the perquisite of the Mahār). Let the Chamār run away with the Mahār's mother.

MANG.

Trust not a Māng; he will say anything. Māngs watch the forest-paths as cobras watch treasure. (It is believed that each site of hidden treasure has its keeper reborn in the form of a cobra). What is an aunt to a Māng or a niece to a Bhil. (Neither has any morals).

PARSI.

A Pārsi! He loses no time in breaking his word. Pārsis are educated and yet they sell oil. (Considered rather a low occupation). A Pārsi out of work goes to Pārdhi. (Graculus esuriens in calum jusseris ibit). Why follow after Bezon Surti? (A notable Pārsi swindler and hypocrite). A Pārsi's son; the urine of an ass. A Pārsi youth never tells the truth. (Pārsi bachchā, kabhi na bole sachchā). Grāsias are not dirty, and Pārsis are not outcasts. A bankrupt Baniya turns broker; a bankrupt Pārsi starts a liquor shop. The day of Zoroaster; open the box afā get out the brandy. If a Pārsi gets rich, he takes a second wife, or buys his neighbour's house. (Dating from before the Pārsi Marriage Act by which at the instance of the Pārsis themselves the reproach of polygamy was removed from their community). Spectacles to the blind, sweets to the sick, a Pārsi at a Hindu's table. (Orthodox Hindus cannot eat with Pārsis). The Māli waters the jasmine, the Bhisti looks for a well, the Andhyāru (Pārsi priest) peers for a rich man's death. (In quest of fees). All dark in a house where you find an Andhyāru. (Suggestion of scandal; notice the pun). If a Dastur (priest) speaks, he will dishonour his beard.

'Oh, Dasturji, how shall my sins be forgiven?' 'Present a gold cat, and a silver necklace, and then we will see.' The Pārsi woman offers a cocoanut at the Hindu Holi. Crows your uncles and Pārsis your fathers. (Pārsi repartee, in the usual style of Oriental innuendo, to those who call them crows because they expose their dead to be eaten by crows and vultures). A Pārsi's stroke—like a cannon ball. (A Pārsi saying which one would like to trace to the achievements of Pārsi cricketers). The Hindu worships stones; the Musalman saints; the religion of the Pārsi is as pure (from idolatry) as the water of the Ganges.

ASCETICS & DEVOTEES.

Who can identify a drug that has been powdered and an ascetic whose head has been shorn? (Jogis do not say, and often do not know, what caste they originally belonged to). Who cares what was a Jogi's caste. Money will buy the most pious

of saints. In old days the Bhakats used to wash their firewood before cooking; now they do not even wash their feet. Penance alone does not make a saint. You may put on saintly garb, oh Jogi, but the ashes will cover no evil deeds. A sect mark on his forehead and ten rosaries round his neck, in appearance a saint, but at heart in love with a prostitute. An ascetic of yesterday, and matted hair down to his knees. A naked woman will tempt a saint. When fish are in season the Jogi loses his head. She went to the Fakir to learn morals; the holy man tore off her trousers. Follow your preceptor's precepts, not his practice. One Sanyāsi is as good as a hundred Brahmans. One widow has more virtue than a hundred Dandis (Saivite ascetics who carry clubs). When a man cannot get a wife he turns ascetic. When his crop has been burnt up, the Jāt turns Fakir. As soon as the ducks lay eggs the Bhakats eat them up. Is the pestle of the dhenkir heavier than the demands of the Bhakat?

An ascetic's friendship spells ruin to his friends. A king, a Jogi, fire, and water are not to be trusted. Whether the bitch die on the road or by the river, the Jogi will say 'see how my words have come true.' It is a bad sign if a Saiyad blows a horn (like a Fakir) or a Brahman wears a dagger. When the Fakir goes mad he burns his own hut. Though the mountain may move, the Fakir won't. The Fakir is happy in his old blanket. Better the rice of a mendicant Brahman than the rice of a king riding on an elephant. Promise a Brahman nothing, but promise a mendicant less. Even ascetics observe caste and religious distinctions. Among shepherds no Saivas, among potters no Vaishnavas. A Sanyāsi's alms in Musalman street. (Going to the wrong shop).

A Fakir's bag contains everything. Who can stop a Fakir's tongue? A Fakir's inn is where night overtakes him. To a Fakir a blanket is a shawl. A Fakir, a borrower and a child are all devoid of understanding. What has a Fakir to do with fighting? Mendicancy is the veil that covers the lion. (Concealed rapacity.) The Jogi and the profligate pass sleepless nights.

'Reverend father, what a crowd of disciples!' 'They will vanish, my son, as soon as they are hungry.' 'What has a saint to do with dainties? If there is no butter-milk I can manage with curds.' 'Oh, mother, give me some sweets; they are very good for the eyes.' 'My son, if you have a taste for milk and cream you should turn Nānakshāhi.' The local Jogi gets no alms. Too many ascetics spoil the feast of Jagannāth.

The Dhundia is neither Hindu nor Musalmān; neither Jogi nor Jati; he is a stupid fellow. If you follow the Dhundia's religion ill luck will follow you. The Dhundia has an ebony walking-stick with a silk tassel, but for all that he is an arrant knave. The Ganges is spotless, the Jangam is childless. What has a Jangam to do with a sacred thread or a Brahman with trade? Company ruined the Jangam; solitude ruined the Domba (strolling clown).

MISCELLANEOUS.

The human race is a mixed crowd: some are Bhānds and some Bhangis; but Bhānds are better than Bhāts. A Rānd (prostitute), a Bhānd and a Bhainsa (buffalo) are dangerous if they turn against you. If a Bhānd will hold his tongue, I will give him a buffalo. He cultivated with a Bhānd for his partner; the Bhānd took all the crop and said he had earned it by his music. What caste has the

sweeper, what credit the liar? A Mochi (leather dresser) marries a Bhangi (sweeper) and does not stay the night. A big charger and a sweeper riding it. God takes care of the Dubla. A Dubla eats what he earns and leaves his funeral to God. What will you get by robbing a Dubla. A Dubla will do no work while a grain is left in the pot. Dogs and Dublas never lose their way. A Dubla girl married to a Desai. (Social promotion). When Thags are being registered the whole village turns ascetic. When a Thag dines with a Thag the dinner consists of high words. In the company of artisans, bow-makers and clothiers you will hear plenty of lies; if you want more try the Mirāi. Trustees, devils, Rajputs, widows, and Mirāsis make an outward show of friendship, but inside are full of deceit. The Nāga's wife has a baby; the Naga takes the medicine. (Is this a reminiscence of the couvade?) Do not abuse the boatman until you are over the ferry. A broken cart, an old buffalo and a Pachāda for a friend; avoid these or they will devour you. A Bhābhā (Bhāttiya) is no man's friend. They buried the Bhāttiya seven yards deep and still he did not die. Have you ever seen a dead monkey or a dead Kuravan? Beat not a barking dog, nor tempt the mouth of a Tigālā woman. (The Tigālās, market gardeners of Mysore, are notoriously quarrelsome). Two Mahatam huts and calls itself Luckville (Khairpur). Does the son of an Irulan starve when field rats are scarce? An acrobat's son is always turning somersaults. The Tartar who lives in a city feels himself in prison. Make a Wāghia a Pāgia (Captain), he will still cry Elkot. (The story goes that a Waghia who had been dedicated as a child at the temple of Khandoba near Poona rose to command a squadron of Maratha cavalry. One day his horse shied and threw him forcing from him the cry of 'Elkot' with which the Waghias demand alms). He killed his own buffalo to save it from the Wāghri. When a bat is near death, it flies to the Wāghri's house.

MUHAMMADANS.

The country that has no crows has no Musalmāns. In a village where there are no Musalmāns the cotton cleaner calls himself Saiyad Miyā. (An impossible name made up of two distinguished titles). What does a beef-eater know of decent language? If girls are sold for a pie a piece don't take a Musalmāni. Can a Musalmān become a Davāri by going to Tirupati? (A famous Hindu temple in the Madras Presidency). A Musalmān ascetic's butter-milk is toddy. Even a Qāzi (Muhammadān judge) will drink spirits if he gets it for nothing.

The Afghan is faithless. Be a thief, be a thief. (Injunction of Afridi parents to a child while passing him backwards and forwards through a hole in a wall—the ordinary method of burglarious entry in India). Blood for blood. (The sanctity of the vendetta). The Baloch who steals gains Paradise for his ancestors even unto seven generations. Who marries not an Isakhi girl deserves an ass for a bride. (The Isakhi clan of the Bannuchi is noted for the beauty of its women). You may know the Chishti by his squint. (A sign of rascality).

The Mulla preferred to be drowned rather than give his hand. (Proverb of avarice). The Niāzi love a quarrel. A Pathān's enmity is like a dung-fire. A saint one moment; a devil the next; that is the Pathān. The Pathān boy and his brother took a short cut and fell over the cliff. (Impatience). Hold up a rupee and you may look at any Mohmand whether man or woman. (Venality). The Pathāns conquer the city and the Jolāhas get the benefit. (By serving them). The Shekh

came out with a shoe in his hand; the Pathān ran into his house. The Pathān is hungry as soon as his hands are dry. (When he has washed his hands after eating. The brevity of the original—hāth sukhā Pathān bhukhā—disappears in translation).

A Khatak is like a hen; if you seize him slowly he sits down; if suddenly he clucks. Make friends with any one but a Khatak—may the devil take him! Though the Khatak is a good horseman yet he is a man of but one charge. (Proverb of the Marwāts, the enemies of the Khataks). Keep a Marwāt to look after asses; his stomach well filled and his feet well worn. (Proverb of the Khataks).

The drum was beating in the plains and the Bitanni were dancing in the hills (Stupidity). A hundred Bitanni ate à hundred sheep. (Thriftlessness). A dead Kundi is better than a live one. By caste a cotton carder (Behna), by name Nawāb. The Pathāns took the village and the Behnas got swollen head. A swaggering Behna loaded a hen with his drum.

A Musalman takes back the alms he has given. (Allusion to the practice of resuming the dowry when a married daughter dies). Even two families of Musalmans cannot agree. A Musalman convert cries 'Allah! Allah!' all day long. A Dom his father; a Dom his grandfather; yet he talks of his noble birth. The mother a Panhari, the father a Kanjar, and the son Mirza Sangar.

When Mir comes the Pirs retire. When rich, a Mir; when poor, a Fakir; when dead, a Pir. Mirsahib is indeed of high family with his smooth cheeks and his empty stomach. Mirsahib! Times are hard, you must hold on your turban with both hands.

When two hearts agree what can the Qāzi do? The Red-book (Qāzi) up and spoke, 'Oilman, what made the ox fight? The oil cake you gave him, so I must have the ox and a fine into the bargain.' The Hindu who is hauled up before a Qāzi does not find it a feast. A Qāzi's judgment (Proverb of injustice). 'Qāzi why so thin?' 'The city's cares wear me within.' The fowl killed by the Qāzi is lawful meat. The Qāzi's bitch may give pups anywhere. When the Qāzi is beard is on fire he must put it out himself. When the Qāzi's bitch died the whole town was at the funeral; when the Qāzi himself died not a soul followed his coffin. Though a Qāzi become a saint he will still have a strain of the devil. To trust a Qāzi is to court misfortune. The will of God but the act of a Qāzi. You get nothing from a Qāzi save by force or fraud.

If you are well off you are a Shekh; if not you are a Jolāha. Don't put a peg into a sack or a Shekh into a regiment. (Low-caste converts make bad soldiers). A Shekh can deceive even a crow.

A Turk, a parrot, and a hare; these three are never grateful. Do not provoke a hungry Turk; he will hunt you to death. The sons of a slave-girl are a faithless brood.

The true Musalmāns lie buried in their graves and their faith lies buried in their books. Where there are Musalmāns there is population. There should be no reserve among Musalmāns. (Addressed to one who declines an invitation to a meal). The love of Musalmāns is the friendship of a snake. A Musalmān, a wasp and a parrot are no man's friends; in time of difficulty they will turn and sting or bite.

Sesamum, molasses and the love of a Musalman are sweet at first and afterwards bitter. (Allusion to ease of divorce among Musalmans).

Half a doctor and a danger to life: half a Mulla and a danger to faith. You love like the Mulla, who feeds fowls to eat them. A real Miyā is a Miyā indeed, but some Miyās are Pinjārās (cotton teasers). When the Miyāji (family tutor) is at the door it is a bad lookout for the dog. A Miyāji's walk is only as far as the mosque. (He is always begging, either at people's houses or at the mosque). A farthing's worth of soap makes the Miyā a Bābu. Since when has the Bibi become a Brahmani? (Allusion to the looseness of the marriage tie among Muhammadans).

Calls himself a Saiyad and will steal even a nose-stud. A Bohra is never straight; he will cringe to you when he wants something and cut you when he has got it.

When salt loses its savor then will the Mopla cease to cheat.

A Pashtūn will go to hell through his own self-will. To see a Mulla is to see misfortune.

The camel calf of uncle Achak. (The reference is to certain Achakzāis who mistook the remains of a Hindu who had been cremated outside the city gates for a camel calf roasted by some robbers and made a hearty meal of it. The proverb is aimed at their ignorance and stupidity and may be regarded as the Baloch analogue of the story of the Thames bargees who ate the puppy pie under Marlow bridge). The Achakzāi is a fellow who will steal an empty flour-bag. A wicked son of Achak—if you see him, fly from him. If the father makes friends with Achak, the son should not follow suit. The Kākar besmeared with filth—if you see him hit him with a stick: expel him from the mosque and you will save trouble. A Masezāi has no hope of God; and God has no hope of a Masezāi.

The hills are the forts of the Baloch: better are they than double-storied houses with wind-sails: his steed is a pair of white sandals: his brother is his sheep sword. The beauty of the night is in the stars: and that of the desert in the Baloch. Though a Jam be a Jam, yet he is Jadgal by descent; and therefore not the equal of the princely race of Baloch. A Baloch with his trousers full of wind. (Referring to his boastfulness and the wide trousers that he wears). All the sandal-wearing Baloch are brothers. (Illustrating their democratic spirit). Whose friend is the black snake of a Gichki? his words are sweet, but his heart is poison. When all is said and done a Gichki is a Hindu at bottom. (Gichkis are supposed to be Hindu immigrants from India). One Sanni and seven chiefs. On this side sixty and on that side fifty: all shared the fate of the chameleon. (The story is that a boy of the Eurfat tribe chased a chameleon into the house of a Kalmati and killed it there. The wife of the Kalmati complained to her husband that the sacred right of sanctuary had been violated and he killed three Burfat boys in revenge. Thus arose a blood feud, lasting a hundred years, in the course of which sixty Kalmatis and fifty Burfats were killed). The precipice of the Kalmati. (Foolish pride. On his way from Pasni to Kech a Kalmati asked the road from a stranger who pointed out the track. The Kalmati, however, insisted on going straight on into the hills, with the result that his camel broke its neck. Thereupon he and the stranger fought to the death and were both slain).

The Kulānchi's sheep and the Med's cauldron. (Habit of exaggeration. A Kulānchi told a Med of a huge mountain sheep which he had seen standing on a high hill and grazing in a distant valley. The Med retorted by describing a

cauldron being made in Bombay on which forty thousand coppersmiths were employed and when asked by the Kulānchi how such a thing was possible, replied: In what other utensil could your sheep be cooked?) Wisdom has begged in vain for mercy from the Rinds: and for decency from the Meds. The black-faced Meds are like tamarisk sparks without even a glow of courage. (Tamarisk embers soon die down). The Med's livelihood depends upon the wind: and his death comes from the wind. The Med busy on his voyage: and his wife busy with her lover. (The Meds are engaged in sea-faring). The Mir of the Rinds and the throne of Delhi. (Democratic spirit. According to Baloch traditions when Mír Chākar, the Rind, took Delhi in the 15th century and sat upon the throne, his brethren, jealous of his position, sat all round, on the arms and elsewhere, and one of them not to be outdone, climbed upon the canopy when the whole fell down and he was impaled by the spike on the top).

Whose friend is the misguided Kurgāl? he is the striped snake who bit the Prophet: he is always coveting other people's property: he even quarrels for it with his mother. (Kurgāl is a term used among the Jats of the plains for the Brāhuis. It is possibly a corruption of Kurd-gal, i.e., Kurd folk. The last line refers to the tribal custom by which Brāhui women are excluded from inheritance.) If you have never seen ignorant hobgoblins and mountain-imps, come and look at the Brāhui. What people are these? their good is evil. (A play upon the Brāhui word Sharr which means good in Brāhui but evil in Arabic). The Brāhuis and self-will. The Brāhuis are the tail of a dog.

A Mengal's roast. (The Mengals eat half-cooked meat and this expression is used of any immature plan).

Man, are you a Nichāri? You may not win, but you will not lose. (Slimness).

One asked a jackass: 'Have you any relations?' It replied: 'The Sassoli boasts of being my cousin.' (Ignorance).

Talk of loans in Zahri: and the dead will arise. You a Zarakzāi, and I a Zarakzāi: who will light the fire?

A Meman will be faithless though he read seventy Qurans. (Meman is the local name of the Khojas).

When the Lori gets up, he says: 'O God! give me a funeral or wedding to-day. (The Loris perform duties connected with these ceremonies).

The face of a Mulla but heart of a butcher. The Miā's (Mahomedan zamindār) whole stock of wealth is a mat and a tooth brush. Even if the Meman (Mahomedan shopkeeper) goes to Mecca for pilgrimage he will steal a pair of scales and weights. When the Memon becomes a lunatic, he throws his clothes on his own relations. The Miyā is fit for the grave and the bibi, his wife, is fit for the bridal bed. The Khatija enjoys the earnings, her daughter bears the blows. (Sale of girls among Mahomedans). The Jat's (Mahomedan cultivator's) age is 2½ kamlis or blankets. (Measured by the time it takes him to change his blanket—dirty habits). If the Jāt peasant is educated, heaven will be in a fix.

The Fakir pockets the alms and the monkey gets but blows. The degenerate Moghul beats the ladies of his harem. When the Moghuls come the Persian language is forgotten. (The local people do not speak Persian in their presence because they cannot speak it pure).

A Musalman takes time to bathe and a Hindu takes time to eat his dinner. A Meman and a fish go against the stream. Miyā and Mahādeo will never agree.

If Miya and Bibi are willing what can the Qazi do? When the Miya broke his stick, the Bibi broke the jar of water. (When beaten she broke the pot out of revenge). A Miya's carriage! the yoke tied up with palm fibre: he will stop at the nearest grog-shop. A Miya's friendship will last till he reaches your gate! Miya returns from work and his Bibi combs his beard! Miya dies, and the Musjid is lit up. Miyā licks the floor of the Musjid and the Pir wants goats. Miyā licks the lamps in the Musjid and his wife wants dainties. Although Miyā falls his legs are up. A Miyā was not well and drank bhang (hemp). (Confusion worse confounded). Miyā goes on striking and cuts down the corn. (Recklessness). Miyā a pigmy, and his beard a foot long. Miyā a seer, but Bibi a seer and a quarter. (The gray mare the better horse). A Miya has killed a crow, and coming to the town he shouts out that he killed a tiger. The Miya's mind after a prostitute and the Bibi's mind after the cooking pots. If the Miya has to go to the north, he will say he goes to the south. Think him mad who tries to be wiser than the Miya. The Miya can beat his Bibi (wife) with shoes if he only has them on his feet. (Poverty and pride).

The Miyā's mare went only as far as the boundary of the village. The Miyā's beard on fire, and the Bibi thinks he is warming himself. A Miyā's cat. (A poor and meek person). The Miyā cannot get it, and the Bibi does not like it. (Sour grapes). 'What are you doing, oh Miyā?' 'I have not a minute's leisure and yet I do not earn even a pie.' 'Why do you cry, Miyā?' 'My wife died to-day.' 'Why do you laugh, Miyā?' 'I got another wife to-day.' 'Get up Miyā'! He will say 'Give me your hand (to raise me).' Miyā goes to Mecca, Bibi goes to Mālwa. Miyā a fop and Bibi does the dusting. A Miyā will live anyhow, but how will the Bibi live?

Every one strokes the Mulla's cow. The horse kicked him off, but the Mulla boasted of his riding.

PROVINCIAL CHARACTERISTICS.

Never make friends with a Deccani; he is as false as a latrine is filthy. Put not your faith in a three-cornered pagri. (Gujarat proverbs of the Marathas).

A Dravidian's nose-holding. (Circumlocution. A Dravidian is said to hold his nose for ceremonial purposes by putting his hand round the back of his neck). A prosperous Telugu is no good to any one.

The fool of a Gujarati, kick him first and then he may understand you (cf. the similar saying about the Chattisgarhi cited above).

For houses hurdles of madar; for hedges heaps of withered thorn; millet for bread, horse peas for pulse; this is thy kingdom, Raja of Mārwār. (Aimed at Mārwāri money-lenders who pretend to be great people in their own country).

I have seen the land of Bengal where teeth are red and faces black. (Referring to the dark complexion of Bengalis and their supposed fondness for chewing betel). If a Bengali is a man what is a devil? The Dacca Bengalis have not so much as an earthen pot between them. Bengal is the home of magic and the women are full of witchery. An Eastern donkey with a Western bray. (Aimed at the Babus who

affect European manners). A hungry Bengali cries 'rice, rice'! Twelve Bengalis cannot cut off a goat's ear. (Gujarat proverb of the weakness and cowardice of Bengalis).

A pagri on his head and nakedness below, the Assamese wishes to lead the way. (The vanity of a pauper). The worthless has three wives, the worthy one. (Undeserved luxury).

COMPARISONS BETWEEN CASTES.

The Mulla, the Bhat, the Brahman, the Dom; these four were not born on giving day. When a Jat is well off he kicks up a row; when a buffalo is gorged he refuses to plough; when a Khatri gets rich he still cringes; when a Brahman has money he quarrels. A Jāt, a son-in-law, a nephew, a shepherd, and a goldsmith are always ungrateful. A Khatri woman brings forth sons always; a Brahman woman only sometimes. (Possibly aimed at the practice of female infanticide imputed to the Khatris). Brahmans are made to eat, Bhavaiyas to play and sing, Kolis to commit robbery, and widows to mourn. A meddlesome Brahman gives advice; a guileless Baniya gives short weight. Brahman and Jati; mother-in-law and daughter-inlaw; wheat and the mill; a modest woman and a prostitute—none of these agree. You can rob a Brahman but beware of a Grasia. (He will show fight). The field belongs to the Miya, not to a Brahman widow. The hungry Brahman sets the village on fire; the hungry Koli (his accomplice) plunders the houses. The Kunbi died from seeing a ghost, the Brahman from wind in the stomach, the goldsmith from bile. (The first is superstitious: the second overeats himself; the third sits too long over his fire). A Brahman begs, a Kunbi ploughs; after all old things are best. Mahārudra (Siva in his terrible aspect) trembles at the sight of a black Brahman and a fair Sudra. A black Brahman, a fair Sudra, an undersized Musalman, a ghar-jamāi, an adopted son-all birds of a feather. (A ghar-jamāi is a son-in-law who lives with his father-in-law and is supported by him). A dark Brahman, a fair Chuhra, a woman with a beard—these three are contrary to nature Do not cross a river with a black Brahman or a fair Chamar. Trust not a black Brahman, nor a fair Holeya. (One of the lowest castes in Southern India supposed, like the Chandals in Bengal, to be descended from Sudra fathers and Brahman mothers). The Brahman works for the pinda (rice cake offered to the dead), the Holeya works for drink.

A Brahman met a barber; 'God be with you' said the one, but the other showed his looking-glass. (Each expecting a fee for services rendered). Laughing Brahmans, coughing thieves, and illiterate Kāyasths are the destroyers of their race. There are three careless ones—the washerman, the barber, and the tailor. Pipe, tobacco, courtesans, the Gujar and the Jāt, all are one as in the race from Father Jagannāth. (At the festival of Jagannāth there is no distinction of castes). There is no escape from a Baniya's guile and a Jogi's curse. A Brahman for minister, a Bhāt for favourite, and the Raja's fate is sealed. Baniyas improve their property; Jāts ruin theirs; Doms, poets and Bhāts live by flattery. The Gujar finds joy in the steppe; the mendicant in the Dhāk tree; the Brahman in rice and milk. (The Gujars are herdsmen; the Dhāk is a sacred tree; and Brahmans are proverbially greedy). Better a barren field than a Gujar; a desert than a Mina. The Brahman is lord of the water; the Rajput lord of the land;

the Kayasth lord of the pen; and the Khatri lord of the back, i.e., a coward. The youngest among Brahmans, the eldest among Mukuvans (fishermen), are the drudges of the family.

The Chāsā (cultivator) goes to plough; the Brahman goes to sleep. Loot the Baniya if you meet him, but let the Pathān go on his way (or you will catch a Tartar). Beware of these three—a goldsmith, a tailor, and a village clerk. The goldsmith steals gold and the tailor cloth; the poor carpenter has only a log to shape, and can steal nothing. The goldsmith's acid and the tailor's tag. (Proverbof delay; the one tells you that the ornament is ready, all but the cleaning with acid; the other that the clothes have been made, but the tags have to be sewn on). The goldsmith, the tailor, the Baniya will cheat even their own father. The Teli knows all about oil seeds; the Shimpi (tailor) all about lies; the village watchman all about thieves; the Lingāyat all about everything.

Vellāla chief among cultivators : Kallār chief among thieves. Trust not a black Brahman nor a fair Pariah. Like a Pariah and a Brahman (oil and vinegar). The tricks of a goldsmith and a weaver are nothing to those of a washerman. The washerman knows who is poor in the village; the goldsmith knows whose ornaments are of pure gold. The goldsmith and the Chetty. (Both rascals). Qnly an albino is fairer than a Khatri; only an adulterer is sharper than a Kāyasth. Kāzis, Kasāis, Kasāis, and Kāyasths—the four bad K's. Kāyasths, Khatris and cocks support their kin; Brahmans, Doms and Nais destroy theirs. Kazis, crows, and Kayasths stand by their kindred. Ahirs, Gareris (shepherds) and Pasis (fowlers)—a poisonous crew. A Dhobi's stone and a potter's donkey; both get plenty of beating. The Rajput and the Jat are like bows made of pestles; they will break but never bend. If a Tamboli (betelseller) does the oilman's work he will set the house on fire. The oilman's cheeks are smooth and shining; the grain parcher's burnt brown. Babhans, dogs, and Bhats are always at war with their kin. Seven Chamārs are not as mean as one Bābhan, and seven Bābhans are not as mean as one Noniyār Baniya. Only the Nāus and the Kewats help their own caste; the others merely pretend. Oh King sneeze! Let go the Brahman and keep the Jati; and should you meet a Baniya never let him off. A Dhobi is better than a Kayasth; a Sonar is better than a cheat; a dog is better than a deity; and a jackal better than a Pandit.

The Gareri got drunk when he saw the Ahir in liquor. Ahir, Dafāli, Dhobi, Dom—these are the four castes that sing. A prodigal Baniya, a weak King, a Baidya with an ignorant son, a silent Bhāt, an unclean harlot, these, saith Ghāg, will come to no good. There be three that dance in other people's houses—the Kāyasth, the Baidya, and the dalāl. (Profit by the misfortunes of others. The dalāl is the lawyer's tout who promotes litigation and flourishes exceedingly in modern India). The Baniya can trade; others can only imitate. The oilman trades without capital; the grain parcher's stock is a broken pot. When the salt dealer's salt is upset he gains; when the oilman spills his oil he loses. (The salt picks up sand, the oil soaks into the ground). The Baniya's speech is polished, the Kumhār's is rough, the Sikligar (cutler) is honest and the Chamār a rogue. Dine with a Brahman and Jogi and let a Karār make the fourth. (The two former have a reputation as gourmets, the latter is said to be good company). A Dom, a Brahman, and a goat are of no use in time of need. A Māli wants clouds, a Dhobi sun, a slanderer will talk, and a thief will hold his tongue. In no man's land one makes friends with Gujars and Gaddis.

Provoke not the Meo at his ferry or the Karār in his shop; if you beard the Jāt in his field he will break your head. When a buffalo is full she refuses oil-cake; when a Baniya is well off he gives time to his debtors; when a Jāt is prosperous he begins to quarrel; when your banker is in a bad way he fastens upon you.

Better have no friends at all than take up with an Afghan, a Kamboh or a rascally Kashmiri. The crow, the Kamboh and the Kalāl cherish their kin; the Jāt, the buffalo and the crocodile devour their kin. Kāyasths, birds, and pandits (Deccanis) befriend their kin; Baniyas, dogs and Brahmans are hostile to their kin.

When the Jāt prospers he shuts up the path (by ploughing over it); when the Karār (money-lender) prospers, he shuts up the Jāt. Jāts, Bhāts, caterpillars and widows—all these should be kept hungry; if they eat their fill they do harm. Hope, dice, a courtesan, Thag, Thakar, Sonār, monkey, Turk and Katāl—these nine are no good. Give me an Arāin for work, and give the Khātik a cow. A cucumber is not a vegetable; a king (one-stringed guitar) is not a musical instrument; a Labāna is not a Hindu, and a Meo cannot be a friend.

Bribe a Kāyasth, feed a Brahman, water paddy and betel, but kick a low caste man. You may know a good Kāyasth by his pen; a good Rajput by his moustache; and a good Baidya by his searching medicine. A Turk wants toddy, a bullock wants grain, a Brahman wants mangoes, and a Kāyasth wants an appointment. If you cannot ruin yourself by keeping a Brahman servant, taking money from a Kasāi, or begetting too many daughters, you will do it by going to law with bigger men.

The Jāt, the Gujar, the Ahir and the Gola; these four are much of a muchness. All castes are God's creatures, but three castes are ruthless—the Ahir, the Baniya, the whore; when they get a chance they have no shame.

When the tax collector is a Jāt, the money-lender a Brahman, and the ruler of the land a Baniya, these are signs of God's wrath. A barber, a dog, and a hawk are useless when full; a money-lender, a bullock, and a king are useless when empty. To the wine merchant early; to the butcher late. (In the former case you get fresh toddy, in the latter you avoid yesterday's remnants which the butcher mixes up with his first sales on the next day). The Māli waters the jasmine; the waterman looks for a well; and the Pārsi priest peers round to see if a rich man is dead. Kāchhi is not a good caste, there is no virtue in a Māli, and the Lodhā is a poor creature who ploughs with tears in his eyes. The Lodha is very hasty, the Kunbi a good farmer, the Brahman a great liar who begs his bread from door to door. Four Lodhas and silly talk; four Kāchhis and sensible talk. The three tufted ones (Mārwāris), the red-faced ones (Europeans), and the cactus plant cannot live without increasing. Mārwāris, crows, and Pārsi liquor shops you see wherever you go.

CASTE IN GENERAL.

A highborn man mourns the loss of his caste as he would the loss of his nose. The caste killeth and the caste maketh alive. (Referring to the effect of the decisions of caste tribunals). When plates are interchanged. (When different castes intermarry; proverb of the impossible). Caste springs from actions not from birth. The Vaisyas and Sudras must have come first and it was from them that Brahmans and Kshatriyas were made.

Love laughs at caste distinctions. Let your love be as a Hindu wife; with you in life and with you in death.

Having drunk water from his hands, it is foolish to ask about his caste. (Water is the most potent vehicle of ceremonial pollution. Moral—the least said the soonest mended.) When on a journey you should act like a Sudra and take food from any one.

A low-caste man is like a musk rat; if you smell him you remember it. His father pounded parched rice; his grandfather coriander seed. In old days men looked to caste, now they look to money. (Aimed at modern Indian match-making.)

As the ore is like the mine, so a child is like its caste. Scholars adorn a caste. As caste hates caste, so does one agnate hate another. A slipper in the mouth of caste cost money to all. (One man's offence dishonours the whole caste.) The speech fits the caste as the peg fits the hole. (Refined language is a sign of good caste.) Castes may differ, virtue is everywhere the same. Every uncle says that his caste is the best.

Though your caste is low, your crime is none the less. Nowadays money is caste. Half-castes are the scum of the earth.

'I have sold my limbs, not my caste.' (Supposed to be said by a servant whose master has asked him to do something injurious to his caste.)

The Hindu gods have fled to Dwarka; the Musalman saints to Mecca; under British rule the Dheds shove you about. (The Dheds are a low caste of Bombay whose touch is pollution.) Rākhāls and Chāsās handle the ammonite. (This and the preceding proverb refer to the decline of religion in modern times.) The Pandit reads his scriptures and the Mulla his Quran; men make a thousand shows, yet find not God. Spectacles for the blind, sweets for the sick, a Pārsi at a Hindu's table. (A Hindu cannot entertain a Pārsi.) Musalmāns go mad at tābuts, women at marriages, Hindus at the Holi. To the Hindu Ram is dear, to the Musalman Rahim; they hate with a deadly hatred, but know not the reason why. The Hindu bows down to stones (idols), the Musalman worships saints; but the Parsi's religion is pure as Ganges water. (Parsi proverb of the freedom of their religion from the stain of idolatry.) A superstitious Parsi woman offers a cocoanut at the Holi. (Illustrating the common tendency to observe other people's festivals.) An ass is unclean; a chotliwālā is no friend. (Pārsi proverb: chotli is the Gujarāti name for the scalp-lock worn by Hindus.) A Musalman takes time to bathe; a Hindu takes time to eat (Muhammadan saying).

APPENDIX II.

SOCIAL STATISTICS.

SOCIAL GROUPING OF THE TURKO-IRANIAN TRACT.

BALUCHISTAN AND NORTH-WEST FRONTIER PROVINCE.

MUSA	LMA	NS	S.	MUSAL	MANS-	-60	mid.	MUSAL	MANS		ncld.
CL	ASS I.	•		CLASS	ui.	CLASS V-concld.					
Saiyad	•		92,499	Bangulzāi	叹.		11,229	Brought fo	rward		19,356
Shekh	•	•	23,519	Bizānjo			17,013	Sanghar	•	•	2,685
		-		Gurgņāri	•		4,033	Others	•		15,117
TOTAL	•		116,018	Kambrāni	•	•	4,928			_	
				Kurd	•		4,018	TOTAL	•		37,158
CLASS I	.—A	gh	āns.	Lāngav	•	•	18,528				
Ghalzāi	•		18,961	Lehri	•		6,278				
Kākar	•	•	107,825	Mengāl	•	•	79,288				
Luni .	•	•	2,825	Mohammad	Hāsni		57,489	C	LASS V	I.	
Pāni	•	•	20,682	Qalandrāni	•	•	6,316	Makrāni	•		2,282
Shirāni	•	•	17,101	Sādji		•	6,703				
Tārin	•	•	40,841	Shawāni	•		8,148				
Others		•	461,926	Zehri	•		50,176	Cı	LASS V	II.	
		•	<i></i>	Others	5		22,251	Dehwār			7,033
Total	•		670,161			_		Ghulām			14,676
				Total	•		296,398	Jat			139,288
CLASS I	II.—I	Balo	och.			-		Khetrān			14,716
Bugti	•	•	15,426							-	
Buledi	•	•	5,769	CLAS	s V.—L	āsi	i.	TOTAL			175,713
Domki	•		4,938	Angāria	•	•	2,729				
Magāssi	•		10,343	Gadrā	•	•	7,898	GROUP T	OTAL	1,4	02.228
Mārri	•	•	20,453	Gongā	•		2,010	Others uncl	assi-		
Rind	•		19,316	Jāmot			2,946	fied		1,	320,917
Others	•	•	28,253	Runjhā	•		3.773				
Total	•		104,498	Carried ov	er .	•	19,356	GRAND	Total	2	,723,14

SOCIAL GROUPING OF THE INDO-ARYAN TRACT.

AJMER-MERWARA, RAJPUTANA, THE PUNJAB, AND KASHMIR.

1	HIND	US.	HINI	ous-	-contd.	HINI	ous	oneld.
CLASS	: I.—B	rāhmans.	CLASS V.—C	Castes	from whom	CLAS	s VII—	-concld.
		3 (4111111111111111111111111111111111111	some Brā	hmans	take <i>pakk</i>	Brought f	orward	2,209,494
Br hmans	•	2,330,582	and Rājpi	ıts tak	e kachhi.	Chuhrā		
			Arora	•	· 592,533		•	• 947.982 • 98,791
			Darzi	•	. 55,968		·	. 68,888
CLASS II	.—Ksl	atriyās and	Ghirāth	-	. 169,117		-	. 1,399
castes a	allied	to Kshatriyā	Känet	•	. 387,308		•	14,287
who are	consid	lered of high	Kumbhär		, 462,081	Others	•	. 297,904
social sta	anding.		Näi	•	. 301,427	1	•	. 297,904
Khatri		. 439,085	Rabāi or Rā	ika	. 13	TOTAL		3,638,745
Rājput		1,199,953	Others		. 228,565		•	310301743
Others	•	2,117,761	TOTAL		2,197,012	GROUP To	OTAL	19,731,592
				•	-1-97,022	Indefinite	grou	
Total		3.755,799	CLASS VI.—(actor.	from whose	1		•
			i		nom whose rn will hot	l dadabban		. 133,581
			take water		in win not	GRAND To	OTAT.	19,865,173
				-	-6 -0-		J 1411	19,005,173
CLASS III-	-Vaisl	yās or trad-	Bairāgi Chimba	•	. 76,385			
ir	ng cast	es.	Daghi and	e Ezaki	. 62,595	MUS	ALMA	NS.
Agarwāl		. 215,781	Dagm and Dhäkar	VOII	. 266,012	CLASS	L(As	brāf.)
Khandelwā	1	. 68,790	Dhakar	•	78,944	l		4/
Maheswari		. 88,591	Dumna	•	. 65,543	ļ	, wullai	
Others inc	luding		Kamboh	•	. 57,711		•	• 469,393
" Baniya		. 441,888		•	. 56,297	6	•	. 126,169
-			Labāna	•	. 157,968	i .	•	. 425,966
TOTAL		. 815,050		•	36,44453,482			1,449,601
	,		Lohär and T	· Srbor		,	•	. 333,000
			Mahtam	CLI E.CLI		Shekh	•	. 631,774
			Mina	•	. 48,632	T		
CLASS IV	-Caste	from wh m		•		Total	•	3,435,912
members o	of the	higher castes	Saini	•	. 42,557			
can take 🌶	akki ar	nd water.	Teli	•	50,925	, CLASS	A)—.II	jlāf)
Ahir		. 366,635	Others	•	. 196,843	Lower class	Muhān	nmadane
Gujar	•	. 667,506		-		Awan		• 443,801
Jāt	-	2,491,923	TOTAL	•	2,251,549	Gujar		· 747,272
Māli	_	440,949				Jāt		2,080,267
Sonar or Su	ınār	. 201,976	CLASS VII.—		s untouch-	Khokar		. 108,314
Thākkar		102,056	- a	ble.	ł	Meo		. 315,199
Others	•	470,810	Bhil	•	. 345,170	Others		54,802
			Chamār	•	1,864,324			
TOTAL	•	4,741,855	Carried o	ver	2,209,494	TOTAL	• ;	3.749,655
								
	7 TO E						_	

SOCIAL GROUPING OF THE INDO-ARYAN TRACT-contd.

AJMER-MERWARA, RAJPUTANA, THE PUNJAB, AND KASHMIR-contd.

MUSALMANS—contd.			MUSALMANS—contd.					MUSALMANS—contd.			ontd.	
CLASS II	I.—(Ar	jal.)	C	LAS	s III—	con	td.	CLASS III—contd.			
Degraded cla are c Sub-c	onve	rts.		Dhobi Dom	Sul	o-class •	•	135,334	1 -	rward •	•	,660,101 142,208 73,880
Darzi	.14.55	• •	198,585	Mirāsi Mochi		•		233,137		•	•	250,540
Joläha	•		599,902			•			Mächhi	•	•	99,476 236,742
Kasāi Kumbhār	•	•	20,970 366,871	To:	ral	٠.	•	874,850	Mallah Mewāti	•	•	70,450 9,419
Lohär			241,314		Sul	b-class			TOTAL			Q-6
Nåi and Hajj	ăm		228,720	Arain Bharāi		•	•	70,923 70,923	TOTAL	•	2	,542,816
Tārkhān	•		316,536	Chimba Chuhra		•	•	60,051 226,338	Others un	classif	i	
Teli	•	•	455,902	Fakir .		•		297,459	ed			,302,694
TOTAL		2	,428,800	Cai	ried	over	1	,660,101	GRAND T	OTAL	15,	334,727

SOCIAL GROUPING OF THE SCYTHO-DRAVIDIAN TRACT.

BOMBAY, BARODA, AND COORG.

HINDUS.	HINDUS—contd.	HINDUS—contd.
CLASS I.—Brāhmans.	CLASS II-contd.	CLASS III—contd.
Brahman . 1,200,431	Brought forward . 55,934 Khatris 94,770	
CLASS II.—Kshatriayās.	Maratha . 1,403.687	Khadayata . 24,723
(a) Writer class. Prabhu 28,913	Räjput 446,604 Thäkore 122,826	Lād 32,480 Meshri 11,176
Others 7,060	Others 59,898	Modh 32,303
TOTAL 35,973	TOTAL . 2,183,719	Någar 15,945 Pancham 12,509
(b) Warrior or Pseudo-warrior	CLASS III.—Vaishyās.	Porwad . 12,774
class.	(a) Traders.	Shirmāli 46,484
	Disaval 14,001	Sorthia 12,364
Kāthi 27,305	Gujjar 19,770	Others . 4,080
Carried over . 55,934	Carried over . 33,771	TOTAL . 255,926

SOCIAL GROUPING OF THE SCYTHO-DRAVIDIAN TRACT—contd.

BOMBAY, BARODA, AND COORG-contd.

HINDU	S-0	ntd.	HINDUS	ontd.	HINDUS-c	ontd.	
CLASS II		1	CLASS IV-	ontd.	CLASS IV—contd. (c) Mendicants and beggars.		
(b) Agric		1	Brought forward	. 313,428			
	WILCOI.	1	Gurav .	. 65,019	Bāriā .	49,065	
Kunbis	٠.	2,417,531 22,518	Hajjām .	. 212,942	Gosäi .	. 59,196	
Othe		. 22,510	Māchhi .	. 37,987	Joshi .	. 11,100	
TOTAL	•	2,440,049	Others .	. 108,175	Others .	. 143,670	
	_		TOTAL	- 737,551	TOTAL	. 263,031	
(c) Cattle	-bree						
Ahir		. 109,204	(b) Those who	lo petty	(6) (6)		
Ditte	and	-00 9am	business		(f) Criminal	Tribes.	
Dhangar	•	. 788,837	Bhandāri .	. 168,903	Dubla or Talavia	110,475	
Chārans	•	. 35,388	Halipaik .	. 52,059	Others .	. 2,945	
Rabāri	•	. 148,308	Kumbhar .	280,640			
Others	•	. 863	Rāvalia .	. 59,588	TOTAL	. 113,420	
			Vāghri .	. 83,120			
TOTAL	•	1,082,600	Others .	. 25,188	CLASS V Depr	essed class.	
(a') Ar	tienn		Tomax	660.400	1		
Bhāvsār	(IZAII	. 26,221	TOTAL	. 669,498	pollute.	er er	
Kansāra	-	. 39,920			Berad	. 177,082	
Lohar	_	. 134,667	(c) Those engaged		Bhangi .	. 105,072	
Pānchkalsi	-	9,342	and Agricui		Rhil	. 482,188	
Sälvi and		· <i>),</i> · ·	Cnodra .	30,972	Chambhar	. 311,303	
Koshti	_	. 106,426	Gavandi .	. 49,829	Dhed (or Mahar)	1,320,936	
Sonar and Son	ni	. 202,457	Gavii .	41,525	Kahaligar	35,612	
Sutār		· 233,737	I TETTAL VA	37,931	770.13.2	. 59,872	
Teli		. 129,038	12011	1,994,699 349,183	13/7	. 250,729	
Others		. 74,589	Trompour .	· 349,103	35	34,962	
			Vanjāri and	• ~94,393	Naikda .	· 54,561	
TOTAL		. 956,397	Laman .	. 133,154	Pānchāl .	60,489	
			Others .	. 280,195	1 Others	586,278	
Class IV	, c	ndrac	Others .	. 200,193			
	`		TOTAL .	3,211,782	TOTAL .	3,479,084	
(a) (Clean Suddering pers	-				.[
Bhoi .	OHEI	. 61,707	(d) Performers a	nd entors	GROUP TOTAL	16,734,952	
Darzi	:	. 164,600	1 ' '		TT 1 10 1		
Dhobi		. 87,121		91,743	''	3,752,667	
Carried over	•	- 313,428	TOTAL		-	20,487,619	

SOCIAL GROUPING OF THE SCYTHO-DRAVIDIAN TRACT—concld.

BOMBAY, BARODA, AND COORG-concld.

						}				
MUSALMANS.				MUSA	ALMAN:	3—,	contd.	MUSALMANS-contd.		
CLASS I.—Arabs.				C1.	As IV—	coni	d.	CLASS VII The Shekh Neo		
Khureshā Saiyad Shekh Others	•	•	28,005 138,239 994,676 125,036 ,285,956	Khosa Lighāri Makrāni Others	t forward	•	46,434 46,585	Islām). Bohrā and Bohorā .	143,679 . 52,658	
CLASS I		_		CLA	ass V.—I			Mohani . Others .	. 113,079	
Pathān Class II Moghal	· I.—!	Mog		ſ	VI.—The original t	Si		Total	. 436,073	
CLASS I Burdio Chândia	v.—	Balo	68,409	Jāt	•	•	86,713 32,426 793,806		4,255,033	
Domki Jätoi	•	•	• • •	l	•	•	688,016 124,130	fied .	. 524,511	
Carried ove	r	•	239,789	Тот	AL .	1	,725,091	GRAND TOTAL	4,770,544	

LINGĀYATS.

C	LASS I.—Panchamsāli.	CLA	ss II.—Non-F	an	chamsāli		CLASS II.—con	ıtd.
	Hypergamous.		ith Ashtavarn				rought forward	147,645
r.	Ayyā or		Endogamo	us.		II.	Händeräut .	3,047
	Jangam . 150,180	1.	Adibanjig	·•	32,328	12.	Handeya-	
2,	Banjig	.2.	Badigar		1,320		varu	1,662
	Athnikar . 93	3.	Baligar		370	13.	Hugar or	
	Chilmi	4.	Chattar		1,718		Malgar .	38,053
	Agni . 6	5.	Deodäs		563	14.	Jir	978
	Dhulpavad 10,678	6.	Ganāchāri		10	15.	Kabbaligar .	243
	Dikshāvant 6,902	7.	Gānigar		99,489	16.	Kammär or	
	Lokabalki 6,667	8.	Gavli .		4,806		Lohār	1,451
	Shilvant . 21,752	9.	Gavandi or		_	17.	Kumbhār .	18,246
,	Unspecified 97,001		Uppar		2,204	18		18,578
3.	Panchamsāli 431,127	10.	Gurav		4,837	19.	Kudevakkalig	19,723
•	TOTAL 724,406	С	arried over	•	147,645		Carried over	249,626

LINGAYATS—concid.

	CLASS II.—con	rid.	CLASS II.—contd. CLASS III.—contd.	
В	rought forward.	249.626	Brought forward 468,730 Brought forward . 97	7,756
20.	Kurub	2,405	l	5
21.	Kurali	831	12. Nādig . 24	,621
22.	Kursāli .	734	CLASS TOTAL . 468,624 13. Saib	617
23.	Lälgondä .	1,204	14. Sāli	917
24.	Mālav .	1,207	Course III New Powerlaws	
25.	Māthāpatti .	387	CLASS III.—Non-Pancham- CLASS TOTAL . 93	-545
26.	Maskin Mālav	676	sāli without Ashtavarna	
.27.	Näglig .	10,269	Rights. CLASS IV.—Low Caste	s.*
28.	Nilgar .	368	Endogamous.	52
29.	Nonebar .	10,458	I. Agasa II,771 2. Dhor or Dobori	655
,30.	Padsāli .	1,746	2. Ambig 940	884
.31.	Padamsāli .	1,694	3. Basavi . 7	4
32.	Panchāchāri	2,123	4. Burud or	26
33-	Pattesāli .	.3,688	Medar . 430 6 Someon	,959
34.	Pujār . ·.	515	5. Devang.	7939
35-	Raddi	42,980	Hatkar Class Total . 3	,580
36.	Saddar	57,569	or Jada . 30,371	
37.	Shivshinpigar	7.725		,138
38.	Shivjogi .	238	Unspecified 11,710	
39-	Sangar	80	6. Divätgi 226 GRAND TOTAL 1,422	,293
40.	Tamboli	360	7. Händevazir . 8,543	
41.	Tilari	9,151	8. Ilgar 511 * It is not unusual to d	leду
42.	Turkar	1,163	9. Kāchāri . 231 that these castes are m	ıem-
43.	Vāni	бг,423	o. Kalāvant . 240 bers of the Lingāyat c	om-
Ca	urried over	468,730	Carried over 97,756 munity at the present of	day".

Note.—A tentative classification founded on imperfect enquiries and subject to revision upon the completion of the investigations now in progress.

SOCIAL GROUPING OF THE DRAVIDIAN TRACT.

I, MADRAS PRESIDENCY, 2, MYSORE, 3, HYDERABAD, 4, TRAVANCORE, AND 5, COCHIN.

HINDUS.	HINDUS—contd.	HINDUS—contd.			
CLASS I.—Brahman and allied castes. Brāhman 2,158,26 CLASS II.—Kshatriyā and	Rājput 66,266	Komati 672,590			
allied castes. Kshatriya 139,63	Rāzu . 113,528 Others . 41,768	Others (including. Vāni 405,549			
Carried over 139,63	TOTAL . 450,496	Total . 1,078,139			

SOCIAL GROUPING OF THE DRAVIDIAN TRACT.—contd.

1, MADRAS PRESIDENCY, 2, MYSORE, 3, HYDERABAD, 4, TRAVANCORE, AND 5, COCHIN.—contd.

HINI	US.	-contd.	HIND	US-	-con	tđ.	HIND	us —	ont d .
CLASS IV.		_	CLASS VI.				CLASS VIII.—contd.		
Su	dras		sionally employ Brahman purohits, but whose touch				Brought f	orward	396,242
Ambalavasi	•	. 24,866	does pollu		νщО	se touch	Illuvan		. 787,250
Balij ā		1,016,122	Ambattan	•••		218,657	Kammalān	•	. 104,033
Bant	•	. 118,528	Bestha	•	•	194,394	Pallan		. 833,958
Chetti	•	. 312,337		•	•	279,154	Shanan	•	. 603,335
Gaudo		. 103,083	Gamalla	•	•	150,977	Tiyan	•	. 578,453
Golla	•	. 998,470	Gowndala	•	•	243,792	Others	•	. 890,451
Idāiyan		. 695,302		•	•	4,437			
Kalingi	•	. 126,546	Idiga	•	Ī	279,569	TOTAL	•	4,193,722
Kamma		973,728	Kallan	·	•	487,284	ļ		
∕Kāpu	•	2,576,448	Kuruba	•	•	592,350	CLASS IX.	Cast	es estina
Kummara	•	. 222,193	Mangala	•	•	198,489		beef.	cs caming
Kusadan		. 145,077	Mutracha	•	•	176,060	1		. 397.348
Nāyar		1,043,894	Tsakala	_		360,215	Khond	•	. 316,568
Satāni		. 61,843		•		259,605		•	. 183,159
V akkaliga		1,376,592	Valaiyan			360,296	•	•	357,601
V elama		. 567,945	Vannan	•		210,931	Cthers	•	. 357,00
V ellala	٠	2,442,959	Others			835,338	TOTAL		1,254,676
Others	•	4,732,321	ļ	-			10122	•	-,234,0/
			TOTAL	•	4	,851,546	\		
TOTAL	•	17,538,254	_,				Crass X.—		
			CLASS VII.				, -	luting	without
			not emplo	•		•			_
CLASS V.—St			hits and v	vnose	to	uch pol-		,	, 487,445
		Brahmans	Agāsa			044	Holeya 🗸	•	. 743,853
		whose touch	Kuravan	•,	•	107,835	Madiga	•	1,034,927
is supposed		pollute.	Kurumban	• •	•	153,899	Māla		1,645,084
Agamudiyan		. 318,166	0440	•	•	155,000		•	2,231,659
Ambalakara	1	. 162,474	Yanode	•	•	502,698	Others	•	1,612,937
Kaikola n	•	. 350,632	Others	•	•	103,979	_		
Maravan	•	- 345,915	Others	•	1	,146,363	TOTAL	•	7,755,901
Nattaman	•	. 151,278	TOTAL	•	2	,169,774	}		
Palli	•	2,557,216					CLASS XI	-Caste	s denying
Salé or Sala		. 556,370	CLASS VIII	.—Ca	ste		the sace	rdotal	authority
Telaga	•	· 447,544	pollutes	evei		without	of Brāhm	ans.	
Tottiyān	•	. 151,007	touching,	but	do	not eat	Jangam	•	. 102,121
V aniy a n	•	. 185,067	beef.			-	Kammalan		. 540,310
Others	•	1,618,634	Billava	•		142,895	Kām Sāla	•	. 271,583
			Cheruman	•	•	253,347			
TOTAL		6,844,303	Carried or			396,242	Carried or		914,014

SOCIAL GROUPING OF THE DRAVIDIAN TRACT-contd.

1. MADRAS, ETC., 2. CHUTIA-NAGPUR, ETC., 3. CENTRAL PROVINCES AND BERAR.

1. Madras Presider			co	mtd		HIND	US—con	ıtd.
sore, 3. Hyderab		CLASS II.—Ca	stes	of	twice-	CLASS	IV.—co	ntd.
vancore, and 5	. Cocnin-	born	k.		Brought forward 60			
conld,		Babhan		•	35,360	Mallah		12,651
HINDUS-	contd.	Käyasth	•		27,601	Nuniā		8,282
Class XI.—	coutd	Rājput	•	•	108,333	Rauniār	•	8,712
		Others	•		25,047	Sunri		73,218
Brought forward Lingayat	1 914,014 1,106,714			•		Teli		169,692
Lingāyat . Pānchāla .	. 215,471	TOTAL	•	•	196,341	Others	•	10,324
Others .	. 92,315	CLASS III	Clea	n S	indras.			
Officia •	• 92,313		-			TOTAL	•	352,030
Tomas	2,328,514	Sub-cl	ass	(a).				
TOTAL .	2,320,314	VIIII (Govern)		•	371,209	CLASS V.—	Iinclean	Sudrae
		Chero	•	•	21,996	Bathudi	Oncidan	•
CLASS XII.—Cas	tes insuffi-	Kahar	•	•	76,943	Bedea_	• •	44,670
ciently indicate		Kharwār an	đ			Bhuiya	•	22,669
corresponding		Bhogta	•	•	142,900	Bhumij	• '	346,981
other provinces.		Koiri	•	•	83,362	-	•	236,984
_		Kurmi	•	•	463,476	Chamar		92,470
Vadugan .	• 95,924 1,764,265	Others	•	٠	73,779	Chik (Barik) Dhobi	and Pai	
Other .	1,704,205			-			•	67,078
- ,	- 969-	TOTAL		I	,233,665	Dosadh	•	60,448
TOTAL .	1,860,189					Ghāsi	• •	51/205
						Gond		
CLASS XIII.—Cast	es meneci-	Sub-cl	ass	(0).		Kandh	•	
fied and religio		Barhi	•	•	42,530	Kharia		88,872
cants.	ous munus	Hajjām	•	•	47,077	Korā	• • •	. 27,115
		Kumbhär		•	135,206	Mahli	• •	
TOTAL .	. 142,591	Lohar (Kam	ir)	•	149,098	Mal	•	14,095
		Mali	•	•	17,152	Mundā	•	
GROUP TOTAL	52,626,366	Rāutia	•		39,471	Rājwār	•	69,620
Animists and un-	-	Sarak	•	•	13,298	Savar		<i>5</i> .
classified .	. 196,057	Sonär	•	•	15,022	Tatwā		81,411
Citation 1		Others			6,994	Turi	• •	35,752
GRAND TOTAL	52,822,423					Others	• •	48,037
GEAND TOTAL	32,022,423	TOTAL			465,848	_		
					1	TOTAL	•	2,293,612
1. Chutia-Nagpur,	2. States of				C- 3			
Chota-Nagpur,		CLASS IV.—I	шег	OT		CLASS VI.		_
Orissa, 4. Angul		Kalwar	•	٠	9,985		1-eaters.	
mahals.		Kewät	٠	•	51,697	Į.		39,548
C	т	Jhorā	•	•	7,469	Hāri		41,510
CLASS								
Brāhman .	. 214,677	Carried ove	ŗ	•	69,151	Carried o	ver	87.058

SOCIAL GROUPING OF THE DRAVIDIAN TRACT .- contd.

1, MADRAS, ETC., 2, CHUTIA-NAGPUR, ETC., 3, CENTRAL PROVINCES AND BEHAR.—contd.

	<u> </u>	
Chutia-Nagpur, 2, States of		HINDUS—contd.
Chota-Nagpur, 3. States of	CLASS II (a).—Higher culti-	CLASS II (c).—Serving castes
Orissa, 4. Angul and Khand- mahals—contd.	vators from whom a Brāh-	from whom a Brahman
, , , , , , , , , , , , , , , , , , ,	man will take water.	will take water.
HINDUS—contd.	Aghāria 31,764	Dhimar
CLASS VI.—contd.	_	Dhimar
Brought forward 81,058	Ahir and Goala . 933,324	Näi . 136,621
Но 383,504	Chāsā 21,418	Others
Kāur 62,413	Dāngi 22,903	37,920
Nagesia 30,137	Dumal 40,699	TOTAL 589,350
Oraon 448,999	Gondhalis 3,399	
Santāl 576,029	Gujar 50,139	
Others 62,047	",	G
	3,-55	
Total . 1,644,187	Kalāl 15,864	
	Kirār 41,529	a Brähman will not take water.
GROUP TOTAL 6,400,360	Kolta 127,373	
Animists and un-	Kunbi . 1,282,908	Bhoyar 46,905
classified . 1,193,798	Kurmi 279,687	Chādar 26,042
GRAND TOTAL 7,594,158		. 40,130
7,594,150		Others 141,582
	Mali 538,416	70
1. Central Provinces and	Mhāli 33,964	TOTAL 254,687
2. Berar.	Maratha 60,902	
CLASS I (a).—Castes of an-	Others 64,966	
cient twice-born.		CLASS III (b).—Lower arti-
Brahman	TOTAL . 3,930,328	zans from whom a Brāhman
Prabhu and Käyasth 30,690 Räjput 387,620	distribution	will not take water.
		Bahna 21,309
Others 327,081	CLASS II (b).—Higher arti-	
TOTAL . 1,210,197	zans or trading castes from	and Labhani . 140,130
	whom a Brāhman will	Bhulia 26,070
Class I (b).—Castes not of	take water.	Darzi and Shimpi 46,069
twice-born, but claiming	Barāi 55,757	Dhangar 94,467
high postion on account of	Barhāi 67,170	Gadaria 33,062
their high position in life.	• • •	Kälär 149,200
Bairāgi 37,711	***	Koshti 149,072
Bhāt 22,553		Lohar 150,343
Religious Mendicants 24,264	Wani 41,110	Teli 788,710
Others 1,872	Others 47,721	Others 164,679
TOTAL 86,400	Total 366,680	Total . 1,763,111

SOCIAL GROUPING OF THE DRAVIDIAN TRACT-concid.

1. CENTRAL PROVINCES AND BERAR-concld.

1. Central Pr	ovinces and	HIND	US	conci	ld.	MUSALM	ANS.	
2. Berar-	-concid.	CLASS	v	-cont	d.	I. Madras, etc., 2. Chutia-		
HINDUS	Brought forv	vard		,126,710	Nagpur, etc., 3. Central Provinces and Berar.			
CLASS IV.—Lo Trib		Beldar Bhoi	•	•	23,889 27,193	Cry22 T.—(V2m		
Baiga . Bharia-Bhumia Bhil . Binjhwar . Gond . Halba . Kandh .	. 24,744 . 33,561 . 28,155 . 71,099 1,997,654 . 90,093 . 168,641	Dhobi Ganda Ghāsia Koli Kātia Kori	•	•	38,726 46,713	Pathan Saiyad or Syed Shekh TOTAL CLASS II.—(Ajl	2,030,358 2,777,555 af) Lower	
Kisān .	. 32,788	Mahar	•	•	350,967	class Muham Dudekula	madan. • 74,538	
Sawara . Others .	. 144,468	Mäng Mehtar Pankha	•	•	69,230 91,816 137,855	Jolāha . Jonākan . Labbāi .	. 157,399 . 91,630 . 425,788	
Total .	2,786,435	Others	•	•	49,848	Mappilla . Meltan Tulukhan	. 910,843 . 55,214 . 52,206	
CLASS V.—Cas		TOTAL	•	2,	345,210	Others .	. 138,339	
Andh .	. 39,679	GROUP TOTA	L	13	,332,398	TOTAL .	1,767,618	
Balāhi . Bāsor .	• 44,272 • 42,759	Animists and classified	d un		675,687	GROUP TOTAL Unclassified .	4,683,512	
Carried over	. 126,710	GRAND TOTA	AL	14,	,008,085	GRAND TOTAL	4,986,473	

ARYO-DRAVIDIAN TRACT.

THE UNITED PROVINCES AND BIHAR.

United Provinces.		US—contd. Castes allied to	HINDUS	S—contd
HINDUS.	Brāhmans considered social star	to be of high	CLASS III.	Kshatriyās.
	Bhāt Bhuinhār 8,922 Tāga Others	131,881 205,951 109,578	Rājput .	. 49,518 3,354,058 . 693
TOTAL . 4,75	5,254 TOTAL	460,361	TOTAL .	3,404,269

ARYO-DRAVIDIAN TRACT-contd.

THE UNITED PROVINCES AND BIHAR-contd.

United Pro	vince	8	contd.	H	NDU	rs	conta	<i>i</i> .	HIND	US	-con	td.
HINDU	JS—	oni	id.	CLASS Y	VIII	_Ca	stes	from	CLASS X.—Ca			
CLASS IV.—C	`a eta		llied to					twice-	hand the twice-born can- not take water, but who			
Kshatriyas,			1	born				water	are not un		-	
claim is r		_	· i	_	akki,	wit	hout	ques-				••
admitted.				tion. Ahar					Sub-class (a)			
Käyastha			515,698	Anar Ahir		•		246,137	Banjāra			45,628
Others			1,996	Anır Barai		•	-	323,668	Bhar			381,197
	1					•		38,418	Kalwär			324.375
TOTAL			517,694	Barhāi		•	_	48,816	Teli			732,367
		٠.	J.,,,,,,	Gujar		•		283,952	Others			79,823
				Kachhi		•	-	711,755		-	-	
C= +== 37	₩.	. . 1.		Kahar		•		37,881	TOTAL	•	I	,563,390
Class V.	v a	180	yas.	Kisan		•		369,631				
Agarwāla	•	*	291,143	Koeri		•		505,097	C 1 1 1 1 1 1 1			1
Bārāseni	•	•				•	-	63,757				
Umar	•	•	42,422		•	•		63,741	degrading	g occ	upa	
Others	•	٠	107,895	Lohar		•		31,749	Arak	•	•	73,702
		•		Māli		•	. 2	265,042	Kol	•	•	49,653
TOTAL	•		484,293	Murão		•			Luniya	•		399,886
				Näi		•		570,239	Others	•	•	180,482
				Sonār		•	. 2	283,980				
CLASS VI.—(Caste	s a	allied to	Others			. 4	143,824	TOTAL		•	703,723
Vaishyā s,	but	th	eir claim)			_				_	
is not univ	versa	lly	admit-	Tor			**	702 607	Sub-class (c)			
ted.				101	AL	•	43,	733,607	nal p	racti	ces	
Agrahāri		_	86,503	,			-		Kanjar	•	•	27,376
Kandu	•	•	157,638						Meo	•	•	10,546
Kasaundhan	•	•							Others	•	•	10,276
Others		•	507,875	_		_			Total			18 108
Others	•	•	307,073	CLASS	IX			from	TOTAL	*	•	48,198
TOTAL			848,139	whom				twice-		. .		
TOTAL		•	040,139	born	take			while				
				other	s wou	ld n	ot.		untouchab eat beef.)16,	սալ	do not
CLASS VII	-Cast	tes	of good	Bharbh	ınja			309,655				O-
social posi			•	l .	•		•	101,741	Dhanuk	•	•	127,581
that of			emaining	Gadariy	a.			941,803	Dhobi	•	•	609,445
classes.				Kewāt				429,291	Dusaum	•	•	72,124
			#0.0-0	Kumhā	:			705,689	Unank	•	•	199,591
, Jāt Halwāi	•	•	784,878	Mallah		•,		227,840	VOII	•		990,027
Others	•	•	65,778	Others		•		207,851	Fasi	•		,239,282
Officia	•	•	12,826			-	·		Others	•	•	215,987
TOTAL		•	863,482	, To	FAL	•	2,	923,870	TOTAL	•	;	3,454,037

APPENDIX II.

ARYO-DRAVIDIAN TRACT-contd.

THE UNITED PROVINCES AND BIHAR-contd.

United Provinces—contd	HINDUS	-contd.	HINDUS-	-contd.
HINDUS—contd.	CLASS III.—Cl	ean Sudras.	Class IV.	-contd.
	Sab alaa		Brought forwa	ard 646,265
CLASS XII.—Lowest ca	ica	2,832,518	l	. 183,065
eating beef and verming	Atith and Jogi		Mallah .	. 353.357
Bhangi 353,	Barni	. 117,343	Nunia .	. 291,109
Chamar . 5,890,		. 581,427	Rāuiār .	. 68,601
Dom 233.		. 82,378	Sunri .	. 109,339
Others 116,	Gargatta .	. 02,3/0		. 675,302
	Cone	. 65.631	Tiyar .	. 61,256
Total . 6,594.	B21 Halwäi	. 133,681		74,075
	Kahar	. 443,201	Others .	45,233
	Kandu	. 482,164		
	Koiri	1,166,077	T	2,507,602
MENDICANTS.	Kurmi .	. 780,818	I .	
7.	De::	77,603	i	
Fakir 294,	253 Kajiiwai .	. //,003	CLASS V.—Uno	lean castes.
GROUP TOTAL 40,649,	Others .	. 173,648	Bhuiya .	. 268,671
			Chamār .	. 941,322
	TOTAL .	7,092,533	Dhoba .	. 196,6 <i>7</i> 6
Animist and unclas-	}		Dosadh .	1,087,045
sified 107,	746		Gangai .	- 54,694
	Sub-clas	s (6).	Khatwe .	. 102,871
GRAND TOTAL 40,757	137 Amāt .	. 57,263	Musāhār .	. 592,402
4-757	Barhi .	. 217.753	Pāsi .	. 136,452
	Hajjām .	. 332,011	Rajvar .	. 77,603
	Kumhār .	. 281,736	Tatwa or Tanti	,
Wath a m	Lohār .	. 285,927	Others .	. 84,143
Bihar.	Māli .	. 57,689	_	
HINDUS.	Sonär .	. 173,468	[TOTAL .	3,966,768
O T	Others .	. 110,669		_
Class I.			CLASS VI.—Sca filth-eate	
Brahman . 1,094,	509 TOTAL .	1,516,516]	
<u> </u>			Dom .	. 124,984
Crass II Other sector	of Court TV Total		Others .	. 24,331
CLASS II.—Other castes twice born rank.)	erior Sudras.		
-	Beldar .	. 91,530		. 149,315
	38 Bind .	-50		2 00
		- 79,933	GROUP TOTAL	
			Animist and	
Others 61,	384 Kalwär .	. 211,185	classified .	1,667,327
TOTAL . 2,661,	Carried over	646,265	GRAND TOTAL	20,656,030

ARYO-DRAVIDIAN TRACT-concld.

THE UNITED PROVINCES AND BIHAR-concld.

United Provi	nces	and Bihar.	MUSALMANS—contd. MUSALMANS-				-contd.		
MUSA	LMA	NS.	CLASS	II.—	con	td.	CLASS IIIcontd.		
CLASS I.—(•	Brought f	orwar		436,010	Brought for	Iwar	d 278,727
class Muh	amn	nadans.	Bhangi	•	•	90,904	Jolaha		
Moghal		. 86,254	Darzi	•		190,789	-	•	1,546,959
Pathan		. 919,464	Dhobi	•	•	138,733	Kunjra	•	. 258,320
Saiyad		. 362,603	Lohär	•	•	77.786	Quāssāb	•	. 190,790
Shekh	•	3,221,739	Nāi Teli			219,898 207,863	TOTAL	•	2,670,023
TOTAL		4,590,060	TOTAL	•		,361,983	Sub-	class	(b).
			ļ				Gāra	•	. 53,952
Class II.—(Aj	1af) 1	ower class	CLASS III.—	(Arzu	1) 1	Degraded	Mewāti	•	. 51,028
Muhar	•.]	Class.			TOTAL		. 104,980
Barhi			Sub	-class	(a)		TOTAL	•	. 104,900
	,	79,433	Bhisti			82,194	GROUP TO	TAL	8,727046
Behna	•	. 356,577	Dhunia,	•		196,533	Unclassified	• •	1,567,400
Carried ove	r	436,010	Carried or	ver		278,727	GRAND To	TAL	10,294,446

SOCIAL GROUPING OF THE MONGOLO-DRAVIDIAN TRACT.

BENGAL AND ORISSA.

Bengal.	HINDUS—contd.	HINDUS—contd.
HINDUS. Class I.—Biāhmans.	CLASS III.—Clean Sudras. Bārui 161,265)
Brahman . 1,238,011	Gandha-banik	Goala or Ahir 622,504
CLASS II.—Castes ranking above clean Sudras.	Mālākār	TOTAL . 2,559.455
Badiya 80,348	/ Kaiii	
Khatri 23,174	Tämli or Tämbuli 52.446	Bhuiya 47,118 Jugi and Jogi . 335,529
Rājput 111,493 Ugra-Khatriya or Aguri 88,415	Teli and Tili . 408.106	Swarnakar or
Total , 1,281,160	Others239,377	

^{*} Includes unclassified "Sudras" 184,780.

SOCIAL GROUPING OF THE MONGOLO-DRAVIDIAN TRACT—contd.

BENGAL AND ORISSA-contd.

Bengal.	HINDUS	-contd.	HIND	USco	mid,
HINDUS-contd.	Class VII	-cont.	CLASS IV	Unclea	n Sudras.
CLASS V—contd.	Scavena	ers.	Gola	47,485	
	20 Dom .	. 184,170	Tänti	•	. 134,764
Subarna-banik 105,1	21 Hāri .	168,485	Others	•	. 47,823
Sutradhär 166,7					
Others . *415,0	· 1	. 352,655	TOTAL	•	. 230,072
- T-5/-					
Total . 1,551,1	GROUP TOTAL	17,721,080	CLASS V		
	- Animists and u	n-	touc	h defile	es.
GLASS VILow castes a		1,898,457	Jyotish		. 23,877
staining from beef, po	rk		Kewāt		. 116,541
and fowls.	GRAND TOTAL	19,619,537	Kumhār		. 52,804
Bägdi . 1,014,7			Teli		. 155,362
Chain 49,0	Oriss	9 _	Others	_	. 80,348
Dhobi 220,3	32				
Jalia Kaibarta . 262,4	_"		TOTAL		. 428,932
Kalu 114,1	53 CLASS I.—B	rāhmans.			- 1//
Kapāli 141,9	·	. 415,140			
Kotāl 10,6	UT.ASS 11. — 17	vice-borns.	GLASS VI		
Malo (Jhāle) . 221,7	Karan .	. 117,649	fowls and drinking spirits		
Nämasudra	Khandait .	. 602,556			
(Chandal) . 1,836,7	Others .	29,547	1 .	_	. 25,273
Patni 60,8	30		Others		. 6,030
Pod 464.7	. J LUIAL -	749,752		- t-	,,,,,
Rājbansi . 1,560,5	16	743173-	TOTAL		. 31,303
Tipāra 25,7	, CLASS III.—C	lean Sudras.	10122	•	
Tiyār 200,5	44 Sub-clas	S (a)		_1 4:	••
Others 229,3		. 581,627	1	-class (&	-
	Mali .	. 21,313	Baum	•	. 157,548
TOTAL . 6,413,4	74 Rāju .	47,085	1000נת	•	. 81,736
	Sudha .	41,802	Gokna	•	- 43,951
GLASS VII.—Unclean feede	Cmh_cla		Others	•	. 9,442
Bauri 309,2	Barhi	44,012			
Chamār 127,1	i Knandan	. 81,149	I OTAT.	•	. 292,677
Kaora	4 ² Co	. 267,115	.1		
Kora 45,8	18 Caria	. 113,838	Sab-	-class (c).
Mal 120,0	IN Kamar	. 33.646	Kandra .	•	. 142,861
Muchi 411,5	90	. 32,583		•	6,406
Others 66,8	31		.]		
TOTAL . 1,192,	92 TOTAL .	1,264,770	TOTAL	•	. 149,267

^{*} Includes Baistams who represent religious sect Vaishnavas, 392,442.

SOCIAL GROUPING OF THE MONGOLO-DRAVIDIAN TRACT—concid.

BENGAL AND ORISSA-contd.

Orissa.—contd.	MUHAMM	ADAN	ıs-	-contd.	MUHAMMAD.	ANS.	-contd.		
HINDUS-contd.	CLASS	I.—co	nte	<i>i</i> .	GLASS II.	CLASS II.—contd.			
CLASS VII.—Beef-eaters an		orward	1	269,507	Sub-clas	s (4)).		
scavengers.	Saiyad Shekh	•		125,968	Bediya .		26,481		
Hāri 23,1	,	•	19	,380,567	Hajjām .	•	7,424		
Pan 170,8	13	•	•	505	Nagārchi .	•	18,320		
Others 10,6	TOTAL	•	19	,980,547	Tuntia or Tutia		8,201		
TOTAL 206,6			•		Others .	•	7.781		
101AL 200,0	CLASS 11		f) 1	Lower					
GROUP TOTAL 3,766,5	27	class.			TOTAL .		68,207		
		class (ı).						
Animist and un-	Nāsya	•		158,120					
classified 276,59	Sub-	class (21						
	- Tolsha			435,440	CLASS III.—(Ar	•) Degraded		
GRAND TOTAL 4,043,1	Others	•		6,934	clas	s .			
	-1				Kasbi .	•	6,252		
Bengal and Orissa.	TOTAL	•	٠	442,374	Others .		845		
MUHAMMADANS.	1				,				
		class (3).		TOTAL	•	7,097		
Class I.—(Ashraf) Better class.	1	•	•	21,264					
	Dhawa	•	•	18,337	GROUP TOTAL	20	0,845,333		
	9 Kulu 6 Nikāri	•	•	44,301	1				
Pathan 245,10	1	•	•	16,480	Unclassified .	•	544,075		
	-	•	•						
Garried over 269,50	7 TOTAL	•	٠	218,988	GRAND TOTAL	2	1,419,408		

SOCIAL GROUPING OF THE MONGOLOID TRACT.

ASSAM, SIKKIM, KOOCH-BIHAR, AND HILL TIPPERA.

Assam (Surma and Brahma- putra Valleys) and Hill			HIN Class II	DUS-						-	
Districts and Plains, HINDUS.				I .	hands	B	rāhmans	Brought forward 370,27 Kewät and Kai-			370,272
CLASS I.—(Castes n ran		twice-	Baid y a		•	5,154	bartta	•		148,822
Brahman Ganak	•		109,446	Izayasın	•	•	71,092 86,918	Rajbansi	•		221,72 1 120,07 1
Others	•	•	20,535 871	Kalita	•	•	203,108	Others	•	•	204,133
TOTAL	•	•	130,852	Carried (over		370,272	TOTAL	•	1	,061,019

SOCIAL GROUPING OF THE MONGOLOID TRACT-concla.

ASSAM, SIKKIM, KOOCH-BIHAR, AND HILL TIPPERA-concld.

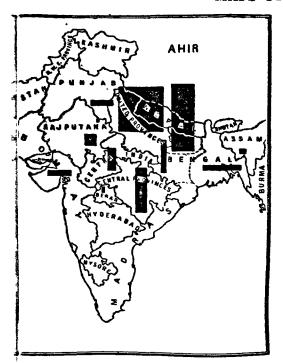
Assam (Surma and putra Valleys) and	d Hill Dis-	HINDU Class				Assam, Sikkim and Hill			
tricts and Plains-	-contd.	Brought fo	rwai	:đ	11,828	MUHAM	MADA	NS.	
HINDUS-6	ontd.	Khās	•		3,253	Class I	_/Ash	af)	
CLASS IIICast	es from	Others	•		402		-	•	
whose hands	Brāhmans					Better class M	luhami	nadans.	
will not take wat	er.	TOTAL	•	•	15,483	Saiyad		10,954	
Ahom .	. 178,049					Shekh	. 1	,661,923	
Jugi and Katani	. 161,167	GLASS II	-Inte	erm	ediate	Pathān		11,454	
Māli (Bhuin-māli)	50,055	cas	stes.			Others		1,426	
Nadiyal (Dom-		Gurang	•		4,503				
patni) .	. 194,842	Limbu			5,916	TOTAL	. 1	,685,757	
Nāma Sudra (Char		Manger			2,441				
dal) .	. 169,576	Rājbansi (Ko	ch)		338,309				
Shaha (Sunri)	. 54,600	Others			8,580				
Others .	. 285,609							es	
		TOTAL		•	359,740	i e			
TOTAL .	1,093,898					Lower class 1	Muham	madans.	
	-,-,-,-	Class III.	-Lo	w (astes.	Sub-class (a).			
GROUP TOTAL	2,285,769	Chakma	-	•	4,510	i		•	
Animist and un		Kami	•	•	2,838	Nasya	• •	42,607	
classified .	2,212,024	Khambu	•		9,648				
classified .	2,212,024	Kuki	•		7,547	Sub	class (b		
GRAND TOTAL	4,497,793	Lepcha	•		7,982	1	Jass (0	<i>)</i> •	
OLAND TOTAL	4,497,793	Nama Sudra			8,543	Jolaha		1,929	
		Others			66,300	Others		1,710	
Sikkim, Kooch-E Hill Tippe		Total			107,368	Total	• •	46,246	
HINDUS CLASS I.—High	-	GROUP TOTA	ī.		482,600	GROUP TOTAL		 1,732,003	
Brahman .		TT1					-		
nanman .	. 11,828	Unclassified		•	75.787	Unclassified	• •	62,894	
Carried over	11,828	GRAND TOTA	L	•	558,387	Grand Total		1,794,897	

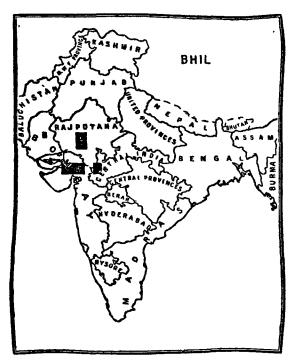
APPENDIX III.

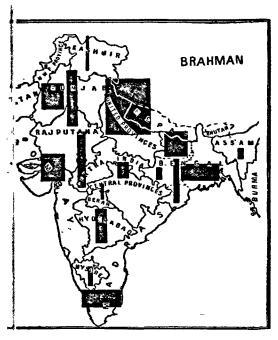
MAPS OF CASTES.

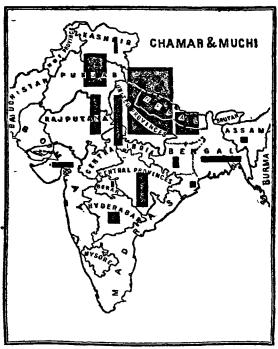
NOTE.—In these Maps the four Sub-Provinces of Bengal have been shown separately, and Sind has been dealt with apart from the rest of the Bombay Presidency.

MAPS OF CASTES.



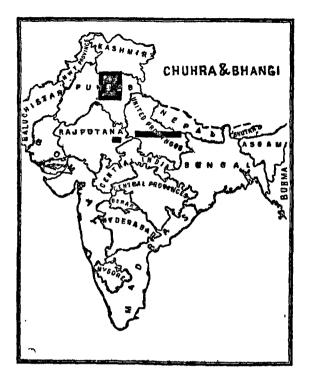


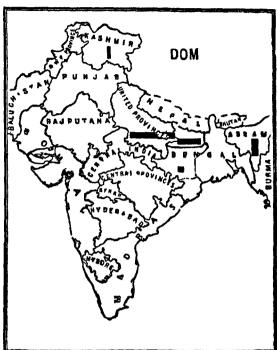




THE AREA OF EACH REUTANCLE SHOWS THE STRENGTH OF THE CASTE IN EACH PROVINCE

300,000



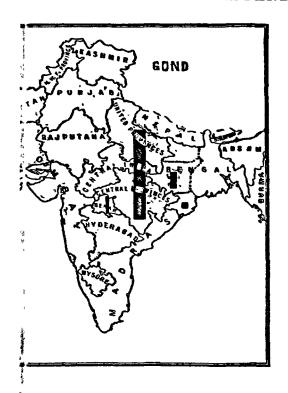


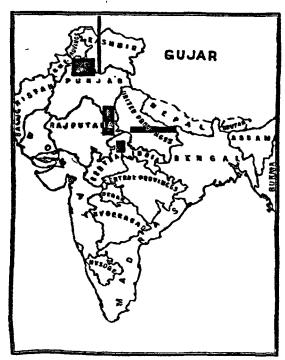


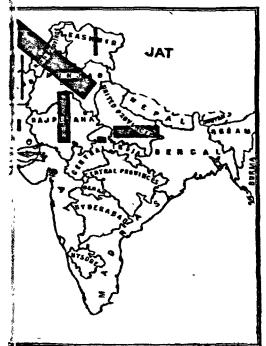


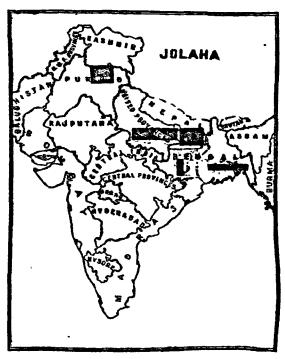
THE AREA OF EACH RECTANGLE SHOWS THE STRENOTH OF THE CASTE IN EACH PROVINCE

THE BASE OF EACH RECTANGLE SINDICATES THE POPU- 3 = 2 = 2 SGO-000 LATION OF THE PROVINCE PPSS



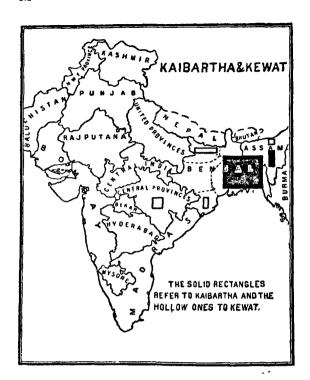


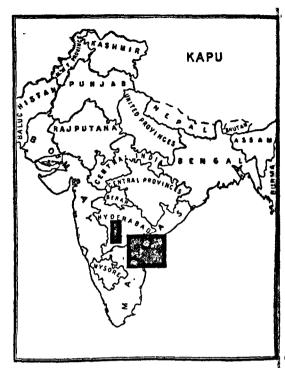


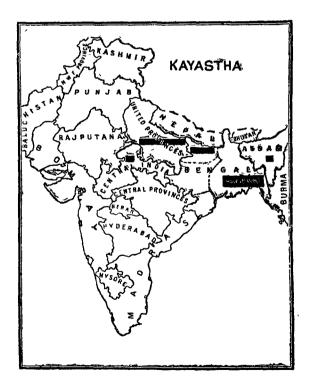


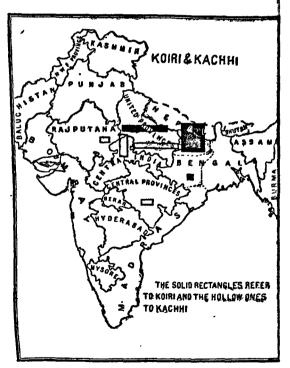
THE AREA OF EACH RECTANCLE SHOWS THE STRENGTH OF THE CASTE IN EACH PROVINCE

THE B	ISE OF EACH RECTANGLE \$\frac{2}{3} = \frac{1}{3}	â
300 000	LATION OF THE PRO-	2









THE AREA OF EACH RECTANGLE SHOWS THE STRENGTH OF THE CASTE IN EACH PROVINCE

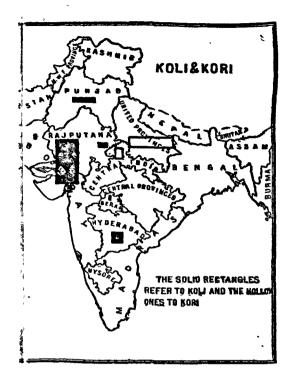
300,000

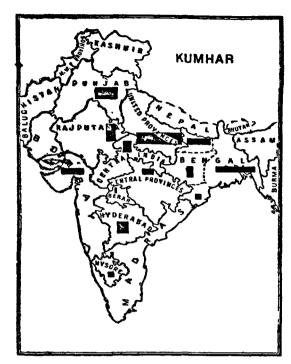
THE BASE OF EACH RECTANCLE THE HEIGHT SHOWS THE PROINDICATES THE POPUDO:000 LATION OF THE PROVINCE PROVINCE

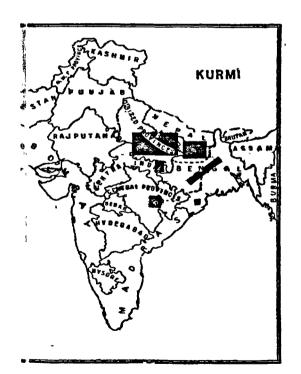
THE HEIGHT SHOWS THE PROPORTION WHICH THE -5 P.C.
CASTE BEARS TO THE -3 ""
PROVINCE PROVINCE PROVINCE -6 ""

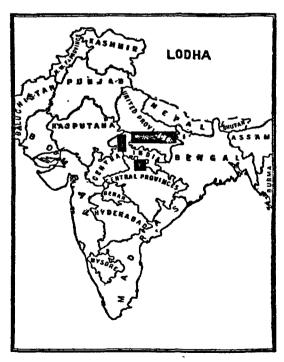
THE HEIGHT SHOWS THE PROPORTION WHICH THE -5 P.C.

CASTE BEARS TO THE -3 ""
PROVINCE -6 ""
PR









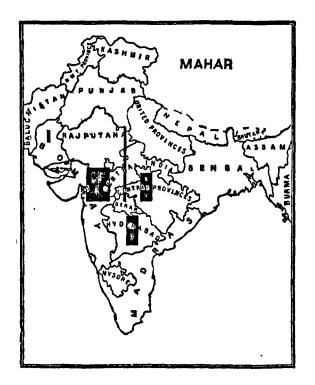
THE AREA OF EACH RECTANGLE
SHOWS THE STRENGTH
OF THE CASTE IN EACH
PROVINCE

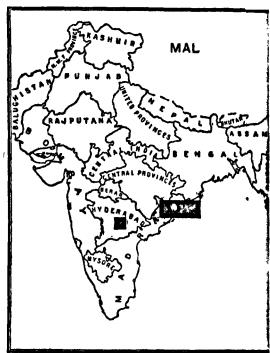
300,000

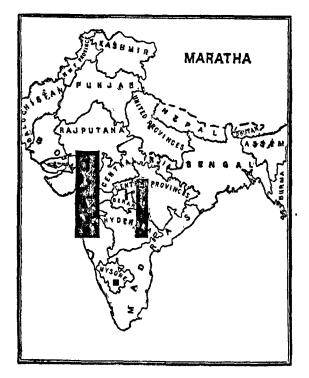
THE BASE OF EACH RECTANGLE THE HEIGHT SHOWS THE PROINDICATES THE POPUOO.000 LATION OF THE PROVINCE PROVINCE

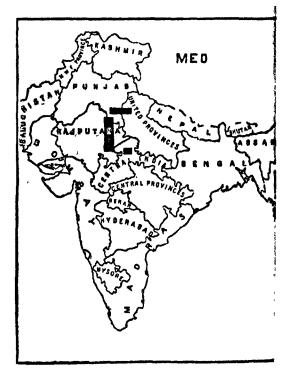
THE HEIGHT SHOWS THE PROPORTION WHICH THE 1-5 P.C.
CASTE BEARS TO THE 1-3 >>>
PROVINCE PROVINCE

PROVINCE





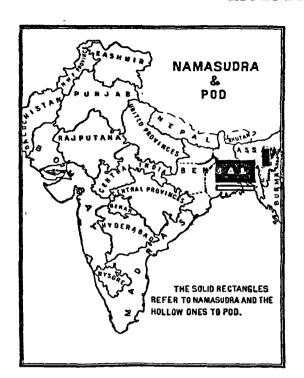


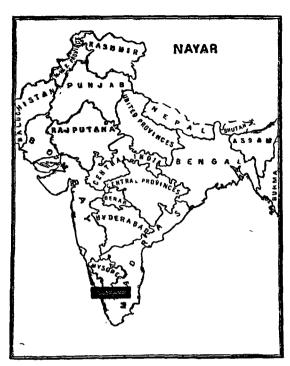


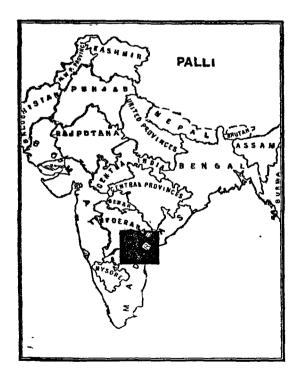
THE AREA OF EACH RECTANGLE SHOWS THE STRENGTH OF THE GASTE IN EACH PROVINGE

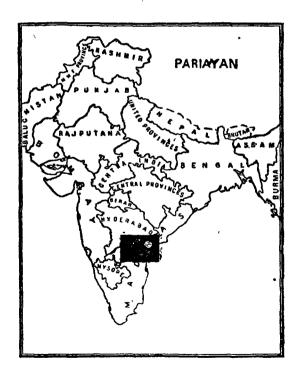
THE BASE OF EACH REGTANGLE S INDICATES THE POPU- コニュニニ ATION OF THE PRO- マーマス VINCE

THE HEIGHT SHOWS THE PROPORTION WHICH THE |-5 P-C
CASTE BEARS TO THE |-3 ...
POPULATION OF THE |-1 ...
PROVINCE |-0 ...





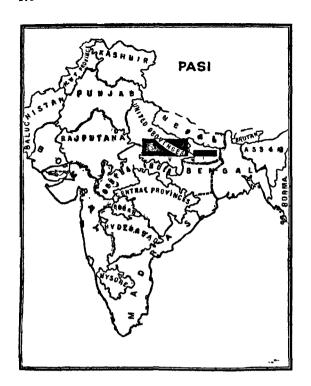


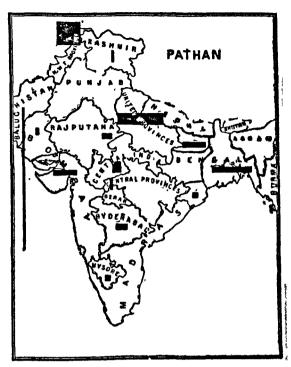


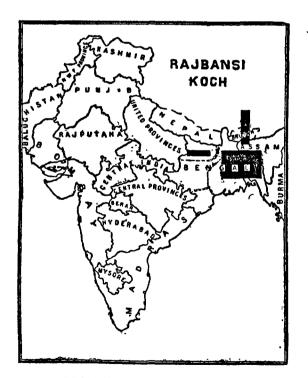
THE AREA OF EACH RECTANCLE SHOWS THE STRENGTH OF THE CASTE IN EACH PROVINCE

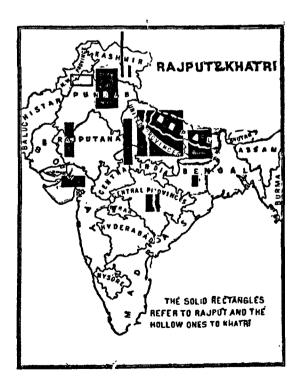
THE BASE	OF EACH	H I	RECTA	NGLE POPU-	ë.	2 2
300,000	LATION VINCE	0F	THE	PRQ-	0.0	<u> </u>

THE HEIGHT SHOWS THE PRO-		
PORTION WHICH THE	-5	P.
CASTE BEARS TO THE	-3	,,
POPULATION OF THE	 -	,,
PORTION WHICH THE CASTE BEARS TO THE POPULATION OF THE PROVINCE	 -0	32





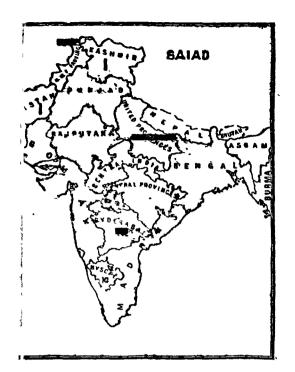


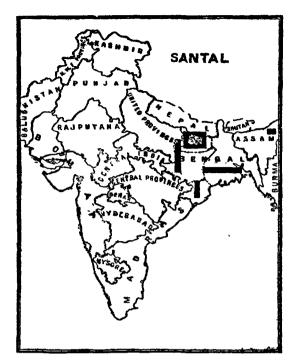


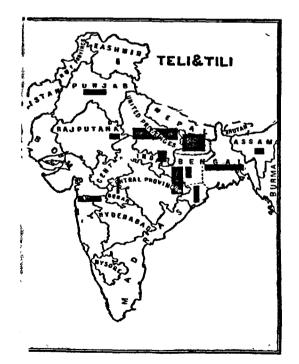
THE AREA OF EACH RECTANGLE SHOWS THE STRENGTH OF THE CASTE IN EACH PROVINCE

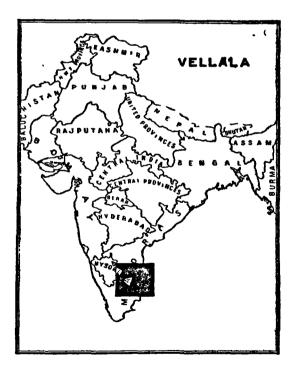
THE BASE OF EACH RECTANCLE SINDICATES THE POPU-LATION OF THE PRO-VINCE.......

THE HEICHT SHOWS THE PROPORTION WHICH THE -5 P CCASTE BEARS TO THE -3 ...
POPULATION OF THE -1 ...
PROVINCE -0 ...









THE AREA OF EACH RECTARCLE SHOWS THE STRENGTH OF THE CASTE IN EACH PROVINCE

APPENDIX IV. ANTROPOMETRIC DATA

SERIATIONS.

TURKO-IRANIAN TYPE.

Type Specimen: Jat.

PH	ROI	POF	lTS	ONS	OF :	HEA	D.			PROP	RTI	ONS C	OF N	OSE.			RELATI	RELATIVE PROMINENCE OF ROOT OF NOSE.						
		(Ce	pha	alic I	ndex.	.)					(Nasa	al Inde	x.)						(Orb			Index	.)	
Average				•		•		79.8	Average			•	•	•	•	63.1	Average		•	•	•	•		125
Maximum			•			•		92	Maximu	m.	•	•		è		84	Maximum		•	•	•	•	•	143
Minimum	•				•		•	70	Minimu	m			•	•	•	42	Minimum	•		•		•	•	104
Range			•	•		•	•	22 .	Range		•	•	•	•	•	42	Range		•	•	•	•	•	39
			,	Indici	ıs.				Number of subjects.					I	erce	ntage o	number of s	ubjec	ts.					
									adojecta		5_	·	10		15		20	25		30		35		
				HE	AD.																			
vеку LON (Hyper- cepha	loli	icho	.	Ur	nder ;	70		• •	2	 2														
LONG HEA	DS			(70	and	und	er 7:	2.5 .	4	++++	-4													
(Dolicho	-ce	pha	lic).	172	·5 a.	d ur	der	75 ·	6	++++	*	-6												
MEDIUM E	ΙBΑ	DS		75	and	und	er 7	7.2	13	++++	•	+++4	•* +	\ -1	3									
(Meso-ce).	1,,	·5 an	d ur	der	80 .	17	++++	4 4.	+++	++	++4		4 -1	,	1		[1		

	(80 and under 82.5	•	32	[++++ [++++] ++++] ++++] ++++]
Broad Heads	82.5 and under 85	•	18	++++ ++++ +++- 18
(Brachy-cephalic).	85 and under 87.5		6	++++ - 6
	87.5 and over .		2	♦ ♦-2
1 "	NOSE.	İ		
	(Under 50	•	2	♦ ♦-2
_	50 and under 55		8	++++ ++- 8
Fine noses (Leptorhine).	55 and under 60	•	21	++++ ++++ ++++ +-2I
	60 and under 65	•	32	* ++++ ++++ ++++ ++++ ++++ ++++ ++-32
	65 and under 70		17	++++ ++++ ++- 17
	(70 and under 75	•	15	++++ ++++ ++++ - 15
MEDIUM NOSES (Mesorhine).	75 and under 80		2	♦ ♦−2
•	80 and under 85		3	+++ -3
ROOT	OF NOSE.			
PLATY-OPIC (Flat).	Under 110 .		2	++-2
	[113 and under 116		2	♦♦ —2
	116 and under 119		6	++++
Pro-opic (Prominent).	119 and under 122		11	++++ ++++ +- 11
	122 and under 125		24	 ++++ ++++ ++++ +++ 24
	125 and under 128		30	++++ <u>+</u>++++ +++++ +++++ -30
	128 and over		25	++++ ++++++++++-25

STATURE.

C.M.

SERIATIONS.

TURKO-IRANIAN TYPE.

Type Specimen: Baloch.

Consisting of Marri, Bugti and Rind, etc., from the country round Sibi.

PROPORTIONS OF NOSE.

(Nasal Index.)

PROPORTIONS OF HEAD.

(Cephalic Index.)

RELATIVE PROMINENCE OF ROOT OF NOSE.

(Orbito-Nasal Index.)

Average	. 80.4 Average			72.2 A	verage .	•	118.	4 Averag	e		167.8
Maximum	. 90 Maximu	ım.		94 M	aximum		128	Maxim	um .		180.2
Minimum	. 70 Minimu	m		57 M	linimum ,	•	111	Minim	ım .	• •	1506
Range	. 20 Range			37 R	ange .	•	17	Range			34'4
Indi	CES.	Number of subjects.	-			Percentage	on number of s	ubjects.			
· · · · · · · · · · · · · · · · · · ·				5	10	15	20	25	30	35	
Long HEADS (Dolicho-cephalic).	IEAD. 70 and under 72.5 72.5 and under 75		\$ I								
Medium heads	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	[****	++++	++++) - 14					
(Meso-cephalic).	77.5 and under 80	. 62	++++	++++	++++	+++	+++	-23	[1	[
	80 and under 82.5	. 70	++++	++++	++++	+++	+++))	
Broad heads	82.5 and under 85	. 59	++++	++++	++++	++	>++ ++2	2		ļ	
(Brachy-cephalic).	85 and under 87.5	. 21	++++	*** -	8						
	87.5 and under oo	. 5	44-2			- 1	l				

>,			
	NOSE.	_	
Fine noses	Under 60	5	♦ ♦-2
(Leptorhine).	60 and under 65 .	4 I	++++ ++++ ++++ -15
	65 and under 70 .	57	++++ ++++ ++++ ++++ +-21
	(70 and under 75 .	76	++++ ++++ ++++ ++++ +++ -28
Medium noses (Mesorhine).	75 and under 80 .	58	++++ ++++ ++++ +-2 :
(Mesormic).	80 and under 85 .	32	++++ +++- 9
Broad noses (Platyrhine).	85 and over	11	***
ROO	T OF NOSE.		
MESOPIC (Medium).	110 and under 113.	12	++++ -5
3	1113 and under 116.	56	+++++++++++++++++++++++++++++++++++++++
Pro-opic	116 and under 119 .	93	 ++++ ++++ ++++ ++++ ++++ ++++ ++++ 34
(Prominent).	119 and under 122 .	74	***** ***** ***** ***** ****
	122 and over	36	++++ ++++ +++- 13
	ATURE.		
SHORT	ntimetres. § Under 160 5′ 3″	29	++++ ++++ +- 11
BELOW MEAN .	. 160 and under 165 . 5' 3"-5' 5"	50	++++ ++++ +++- 18
Above mean	165 and under 170 . 5' 5"-5' 7"	94	++++ ++++ ++++ ++++ ++++ 35
_	170 and under 175 . 5' 7"—5' 9"	64	++++ ++++ ++++ ++++ - ²⁴
TALL	175 and over	34	++++ ++++ ++- 12
	<u> </u>		

•

TURKO-IRANIAN TYPE.

Type Specimen: Mir Jats.

	PROPORTIONS OF HEAD. (Cephalic Index.)				PROPORTIONS OF NOSE.							RELATIVE PROMINENCE OF ROOT OF NOSE.								
(Cephal	ic Index.	.)		1		1	(Na	sal Ind	lex.)					ıc)=hita	-Nasa	1 Ind	lav)		
Average				81.3	Averag	ge .	•	•	•	•		61.7	Average	,				·		1244
Maximum		•		96	Maxim	um				. •		75	Maximum							137
Minimum				73	Minim	um .						40	Minimum		•			•	•	111
Range		•	•	23 -	Range		•	٠.	•	•	•	35	Range .	•	•	•	•		•	26
In	DICES.				Number of subjects.						Per	centage	on number of su	bjects.						
							5		10			15	20	25		30		35		
н	EAD.																			
LONG HEADS (Dolicho-cephalic).	72.5 8	and 1	unde	er 75 .	5	+++4	•	***	*	-10										
Medium heads) 75 ar	ıd u	ader	77.5 •	6	+++4	•	+++	**	}	12			,						
(Meso-cephalic).	77.5	and	und	er 80 .	8	+++4	•	+++	**	+++	+4	++	-17			1				

•	80 and under 82.5 .	9	++++ ++++ ++++ +++-19
	82.5 and under 85.	9	++++ ++++ ++++ 19
Broad HEADS (Brachy-cephalic).	85 and under 87.5 .	7	++++ ++++ ++++ 15
	87.5 and under 90.	2	+++- 4
	90 and over	2	+++- 4
NO	OSE.		
•	Under 50	2	+++ - 4
	50 and under 55 .	4	****
Fine noses (Leptorhine).	55 and under 60 .	11	 ++++ ++++ ++++ +++ 23
, ,	60 and under 65 .	15	 ++++ ++++ ++++ ++++ ++++ ++++ ++-32
	65 and under 70 .	8	++++ ++++ ++++ ++- 17
MEDIUM NOSES	70 and under 75 .	5	01
(Mesorhine).	75 and under 80 .	3	♦♦♦♦ ♦ −6
ROOT C	F NOSE.		
Mesopic (Medium)	. 110 and under 113 .	I	♦ ♦─2
	(1.13 and under 116 .	1	♦ ♦−2
	116 and under 119 .	2	 ♦♦♦♦ 4
Pro-opic	119 and under 122 .	11	 ++++ ++++ ++++ +++- 23
(Prominent).	122 and under 125 .	16	++++ +++++ +++++ +++++ ++++++ ++++++ ++++++++++
	125 and under 128.	6	++++ ++++ +++- 1 3
	128 and over	11	++++ ++++ ++++ +++- 23

TURKO-IRANIAN TYPE. Type Specimen: Dehwar.

PROPORTIONS O		PROPO		NS OF NO	OSE.		TOC	OF NOS	E.	F		STAT	URE	G.M
Average	ex.) . 81.7	Average	(Nasal	Index.)	74'3	(Or Average	bito-l	Nasal Ind		18	Average			164'2
Maximum	. 91	Maximum	ı .		1	Maximum			. т	30	Maximun	a .		180.8
Minimum	. 72	Minimum	٠.		60	Minimuṃ				09	Minimun	ı .		148.8
Range	. 19	Range			38	Range			. 2	1	Range		•	32
Indi	CES.	•	Number of subjects.				Percen	tage on num	aber of su	bject	s.			
-	·				5	10	15	; ;	20	:	25	30	35	
	EAD.	,				l								
Long HEADS (Dolicho-cephalic).	Under 75		8	++++	- 4									
Medium heads	∫75 and un	der 77'5 .	22	++++	***	→ → − 11								
(Meso-cephalic).	77.5 and 1	nader 80 .	. 30	++++	+++	+++	++	15						
	(80 and un	der 82.5 .	50	++++	+++	+++	++	++++	+++	++	-25			
	82.5 and u	ınder 85 .	54	++++	+++	+++	++	****	+++	+ +	♦♦ -27			
Broad HEADS (Brachy-cephalic).	85 and un	der 87.5 .	26	++++	+++	+++	-13							
(manage of manage)	87.5 and u	ınder 90 .	8	++++	-4						1		•	
	loo and ov	er	2	◆ —I										

1	NOSE.	***	1				1		1	
Fine noses	Under 65	22	++++	++++	— 11					1
(Leptorhine).	65 and under 70 .	32	++++	++++	++++	4 —16				i
	(70 and under 75 .	50	++++	++++	++++	++++	++++	-25		
Medium noses (Mesorbine).	75 and under 80 .	44	++++	+++++	++++	++++	++ -22			!
(Mesot mine).	80 and under 85 .	40	++++	+++ +	++++	++++	-20			
Broad noses (Platyrhinė).	85 and over	12	****	\$- -6						1
ROC	OT OF NOSE.						1			
PLATY-OPIC (Flat).	Under 110	2	4 1							;
MES-OPIC (Medium).	} 110 and under 113 .	16	++++	*					,	
	(113 and under 116.	36	++++	++++	++++	+++ -18				
Pro-opic	116 and under 119 .	70	++++	++++	++++	++++	++++	++++	++++	—35
(Prominent).	119 and under 122.	56	++++	++++	++++	++++	++++	+++ -28		!
	122 and over	20	++++	++++	10				•	!
SI	CATURE.									1
Ce	entimetres.					1				
SHORT	5 Under 160	34,	++++	+++ +	****	♦♦ —17				
Below mean .	. { 160 and under 165 . 5'3"-5'5"	76	++++	++++	++++	*** *	++++	****	****	**
Above mean	165 and under 170.	62_	++++	+++ +	++++	****	++++	****	♦ -31	
TALL	170 and over . 5'7"	28	****	**** ;	++++-	14				

TURKO-IRANIAN TYPE.

Type Specimen: Kakar.

PROPORTIONS O	F HEAD.	PROPO	RTION	IS OF N	OSE.	RELATIV		OMINI F NOS			STATU	RE.	
(Cephalic Inde	ex.)		(Nasal	Index.)		(Orbi	to-Na	sal Ind	ex.)				C.M
Average	. 81.9	Average			. 69	Average .	•	•	. 116.6	Average			. 168
Maximum	. 90	Maximun	ı		. 88	Maximum			. 124	Maximum	ı .	•	. 18812
Minimum	• 74	Minimum		•	. 60	Minimum 4			. 107	Minimum		•	. 1570
Range	. 16	Range			. 28	Range .	•	•	. 17	Range		•	. 31.2
Indi	CES.	,	Number of subjects.				Percen	tage on n	umber of su	bjects.			
			ļ		_5	10	15		20	25	30	35	·
HE.	AD.												
Long HEADS (Dolicho-cephalic).	Under 75	•	2	*									
MEDIUM HEADS	75 and un	der 77.5 .	6	++++	♦ -5		İ						
(Meso-cephalic).	77'5 and u	ınder 80 .	18	++++	+++	+++	+	-16					
	80 and und	ler 82.5 .	40	++++	+++	+++	+	+++1	++++	++++	++++	* *	-36
Broad HEADS	82.5 and u	nder 85 .	22	++++	+++	***	++	+++4	20				
(Brachy-cephalic).	85 and und	der 87.5 .	19	++++	+++	+++ +++	++	_17					
<u>.</u>	87.5 and o		5	++++	-4					!	í Ì		

T.	rose.		
TIME MODES	Under 65	22	++++ ++++ ++++ 20
(Leptorhine).	65 and under 70 .	38	++++ ++++ ++++ ++++ ++++ +++ - 34
1	70 and under 75 .	33	++++++++++++++++++++++++++++++++++++++
Medium noses (Mesorhine).	75 and under 80 .	10	***
	(80 and under 85 .	8	++++ ++- 7
Broad noses (Platyrhine).	85 and over	1	♦ —1
ROOT O	F NOSE.		
PLATY-OPIC (Flat)	Under 110	2	++- 2
Mes-opic (Medium)	110 and under 113	13	++++ ++++ ++- 12
•	113 and under 116.	33	++++++++++++++++++++++++++++++++++++++
PRO-OPIC	116 and under 115.	36	++++ ++++ ++++ ++++ ++++
(Prominent).	119 and under 122.	20	++++ ++++ +++- 18
	122 and over	8	***
STATI			
(Centim	etres)		
SHORT	Under 160 5' 3"	9	++++
Below mean	160 and under 165. 5'3"-5'5"	25	++++ ++++ ++++ +++-23
ABOVE MEAN	165 and under 170.	34	++++ ++++ ++++ ++++ ++++ -30
_	170 and under 175 .	35	++++++++++++++++++++++++++++++++++++++
TALL	5' 7"-5' 9" 175 and over 5' 9"	9	++++ ++- 8

TURKO-IRANIAN TYPE.

Type Specimen: Med.

PROPORTIO	NS OF	HE	AD.		1	PROPORT	CIONS	OF N	OSE.			RELATIV	EPROM	MINE	NCE (of Ro	TOC	OF :	NOSE.
(Cephalic	Index	.)			Į	(Nas	al Inde	:x.)			Ì		(Orb	ito-N	asal I	ndex.)		
Average		•		82.0	Average	· .	•	•		. 68	3.1	Average		•	•				127.3
Maximum				92	Maxim	ım .	•	•		. 92	2	Maximum		•	•	•	•	•	140
Minimum				72	Minimu	m.			٠ ,	53	,	Minimum			•	•	•	•	113
Range	•		•	20	Range		•	•	• •	39	,	Range		•	•	•	•	•	27
Імо	ces,				Number of subjects.		دمیوست آن داد			Per	cent	age on number	of subjec	ts.					
							5	10	<u> </u>	I	5	20	25		30		35		
HE	AD,																1		
Long heads	(70 an	d un	der	72.5	. 1	♦ —z				ł					}		t		
(Dolicho-cephalic).	72.5	and	unde	er 75 .	ı	♦ —I				1			Ì						
MEDIUM HEADS	(75 an	ıd un	der	<i>77</i> °5 .	5	++++	4 -6			1			1		1		,		
(Meso-cephalic).	177.5 8	and r	nde	r 80 .	13	++++	+++	**	++ +	*	\ -	-16					1		
•	(80 an	d un	der :	82.5	25	++++	+++	*	+++	++	++	+++ ++	+++	+++	+++	\ -3	32		
Broad heads	82.2 8	and r	inde	r 85 .	18	++++	+++	++	++ +	++	++	+++	♦ —23		J ,		1		
(Brachy-cephalic).	85 an	ıd uı	ader	87.5	. 10	++++	+++	**	+ ++	-13			,		i				
	87.5	and o	over		6			_8									i		

lxix

	NOSE.	1	
	[50 and under 55 .	6	++++
Fine noses	55 and under 60 .	3	+++- 4
(Leptorhine).	60 and under 65 .	11	++++
	65 and under 70 .	2 4	++++ ++++ ++++ ++++ ++++ -30
	[70 and under 75 .	19	++++ ++++ ++++ +++- 24
MEDIUM NOSES (Mesorhine).	75 and under 80 .	12	++++ ++++ -15
,3223	(80 and under 85 .	2	◆◆◆ —3
Broad noses (Platyrhine).	}85 and over	2	+++ -3
RO	ot of nose.		
Mes-opic (Medium).	} 110 and under 113.	t	++ -2
	(116 and under 119.	I	♦♦-2
	119 and under 122.	. 8	++++ ++++ +++- 14
	122 and under 125.	8	++++++++++- 14
Pro-opic (Prominent).	125 and under 128.	14	++++
(Etomment).	128 and under 131.	10	++++ + +++ ++++ ++- 17
	131 and under 134.	9	++++ ++++ ++++ +- 16
	134 and under 137.	4	++++
	137 and over.	2	♦♦♦ −3 ₹

INDO-ARYAN TYPE.

Type Specimen: Rajput.

							, ,,,	~	P-0-0-										
PROPORT	CION	SOF	HE	AD.	PROPOR	TIONS	o o F	NC	OSE.	RELATIVE ROOT				CE OF	S	ratu	IRE.		
(Сер	halic	Inde	K.)		(N	asal In	dex.)		(Orbito-	Nasa	l In	dex,	,)					C. M.
Average .	•		.•	72.4	Average .	•			71.6	Average .		•		117'9	Average .	•			174.8
Maximum,				81	Maximum				91	Maximum				129	Maximum		•		192.4
Minimum .				64	Minimum.	•			53	Minimum ,				107	Minimum		:		165.4
Range .	•_	•	•	17	Range .		٠		38	Range .			•	22	Range .	•	•	•	27
		Indic	CES.			Numbe of	1		· · · · · · · · · · · · · · · · · · ·	1	Percen	tage o	n nu	mber of s	ibjects.				

Ind	ices.	Number of subjects			Per	centage on n	umber of subje	ects.		
				5 1	0 1	5	20	25	30	35
н	EAD,							1		
VERY LONG HEADS (Hyper-dolicho- cephalic).	Under 70 .	. 71	****	****	****	++-17		,		
Long HEADS	70 and under 72.5	. 151	++++	++++	****	++++	****	++++	++++	♦ -36
(Dolicho-cephalic).	72.5 and under 75	801	++++	++++	++++	++++4	++++	♦26		
Medium heads	(75 and under 77.5	. 65	++++	++++	++++	-15				
Meso-cephalic).	77.5 and under 80	. 19	++++	-5						
Broad HEADS (Brachy-cephalic).	}so and over .	. 6	4 -1	ı				ı		

	NOSE.	1	1		}		1 1)	Ì
	Under 60.	. 11	+++- 3					ļ		
Fine noses	60 and under 65	. 39	++++	+++-	9			1		
(Leptorhine).	65 and under 70	. 98	++++	++++	++++	++++	+++ -23	6		
	70 and under 75	. 136	++++	++++	++++	++++	++++	++++	♦♦ —32	
MEDIUM NOSES (Mesorhine).	75 and under 80	. 79	++++	++++	*** *	++++-	19	{		
(Mesorma).	80 and under 85	. 44	++++	++++	4 —11					
Broad noses (Platyrhine).	}85 and over .	. 13	+++- 3							
ROOT	F NOSE.									ł
PLATY-OPIC (Flat).	. Under 110 .	. 2	4-1	1						
Mes-opic (Medium),	110 and under 113	. 26	++++	\$ 6						
•	[113 and under 116	. 90	++++	++++	++++	++++	♦♦ -22			
	116 and under 119	. 144	++++	++++	++++	++++	+++++	++++	++++-	34
PRO-OPIC (Prominent)	119 and under 122	. 102	++++	++++	+++++	++++	++++-	24		
	122 and over .	. 56	++++	++++	+++ -13				1	
STATURE	-Centimetres.								l I	
Above mean	{ 165 and under 170 5' 5"—5' 7"	58	****	++++	++++-	14				
	170 and under 175 5' 7"—5' 9"	. 159	++++	++++	*** *	++++	++++	*** *	***	+++
TALL.	175 and under 180 5' 9"—5' 11"	. 156-	****	*** *	****	***	++++	*** *	***	++- :
	180 and over . 5' 11" and over.	. 47	++++	* ****	4 11			! 		

INDO-ARYAN TYPE.

Type Specimen: Chuhra.

PROPORTIONS OF HEAD.	PROPORTIONS	OF NOSE.	RELATIVE PROMINENCE ROOT OF NOSE.	CE OF STATURE.
(Cephalic Index.)	(Nasal In	dex.)	(Orbito-Nasal Index.)) C. M.
Average 73'4	Average	75'2	Average	115'3 Average 166'6
Maximum 82	Maximum .	• • 94	Maximum	123 Maximum 180'3
Minimum 68	Minimum, .	60	Minimum	108 Minimum 152.4
Range 14	Range	• • 34	Range	15 Range 27'9
Indices,	Number of subjects.	5 10	Percentage on num	nber of subjects.
HEAD. VERY LONG HEADS (Hyper-dolicho cephalic). Under 70.	8 ++++	****	10	
Long HEADS 70 and under 72.5 and under 72.5		•	**** **** **** **** ****	-25
MEDIUM HEADS 75 and under 77	5. 17 ++++	+++++	++++ ++++ ++ 22	
(Meso-cepha- lic.) 77.5 and under 8	5 ++++	♦ ♦ - 6	•	
BROAD HEADS (Brachy- cephalic).	. 1 41			1

lxxiii

NOSE.1			1		ė į		 	1	
Fine noses (Leptorhine). Under 60 60 and under 65 . 65 and under 70 .	1 3 7	+-1 ++++	4	9				l I	; ;
MEDIUM NOSES 70 and under 75. (Mesorhine). 80 and under 80.	34 12 20	*****	*****	****	***** -15 ****	****	++++ -25	***	++++
Broad Noses (Platyrhine). 85 and over	3	+++-	4						
root of nose.									
PLATY-OPIC (Flat). Under 110 .	3	+++-	4						
MES-OPIC (Medium). } 110 and under 113	17	++++	++++	++++	*** *	\$ -21			
PRO-OPIC 113 and under 116, 116 and under 119. 119 and under 122. 122 and over	26 26 7 1	****** *****	***** ***-8	****	****	****	****	♦ ♦♦−33 ♦ ♦♦−33	í
STATURE.									
Centimetres.									
SHORT Under 160	8	++++	++++	-10					
BELOW MEAN. \ 160 and under 165.	17	++++	++++	++++	++++	++++	*** *	-21	
ABOVE MEAN. \ 165 and under 170.	24	++++	++++	++++	*** *	++++	*** *	4 - 30	
(170 and under 175.	25	++++	++++	****	++++	4 —31			
5' 7"—5' 9" 175 and under 180.	4	++++	-5						
5' 9"—5' 11" 180 and over 5' 11"	2	+++- 3						-	

SCYTHO-DRAVIDIAN TYPE.

Type Specimen: Nagar Brahman.

			- , , , , , , , , , , , , , , , , , , ,	opeoime	, I I I I I I I I I I I I I I I I I I I	WI 11 WI	1111/011	• 				
PROPORTIONS OF	F HEAD.	PROPOR	TIONS	OF NOSE.	RELA	TIVE PRO ROOT O				STATU	RE.	
(Cephalic Ind	ex.)	(N	asal Inde	ex.)	(4	Orbito-Na	sal Inde	ex.)				C.M.
Average	. 79'7	Average .		73	1 Averag	e .		. 116-7	Average			. 164
Maximum	. 90	Maximum	-	90	Maxim	um .		124	Maximum			178.
Minimum	. 71	Minimum.	•	57	Minimu	ım	•	. 108	Minimum			. 151.
Range	. 19	Range .	•	33	Range		•	. 16	Range			. 27.
In	DICES.		Number of subjects.			-	e on numl	per of subjec	25	30	35	
HI	EAD.								_		93	-
Long HEADS (Dolicho-cephalic).) 70 and to	inder 72.5 . under 75 .	4 11	****	4	ф —11						
Medium heads (Meso-cephalic).		inder 77.5 . under 80 .	13 26	****	****	+++-1	***	** **	♦♦♦ ♦ -26	ļ		
Broad HEADS (Brachy-cephalic).	82.5 and	inder 82.5 . under 85 . inder 87.5 . over	10	*****	*****	♦♦♦ - IO ♦ II	***	* *	-22			
1	NOSE.						İ	-				
Fine noses (Leptorhine).	under 65		13	****	****	+++ -13	+++	*	}			

Medium noses (Mesorhine).	70 and under 75	25 10 20	25
Broad noses (Platyrhine).	85 and over	6	*************************************
ROOT	OF NOSE.		
PLATY-OPIC (Flat).	107 and under 110 .	2	♦♦ -2
MES-OPIC (Medium).	110 and under 113 .	9	*********
Pro-opic (Prominent).	113 and under 116 . 116 and under 119 . 119 and under 122 . 122 and over .	29 34 21 5	**************************************
STA	TURE.		
Centi	metres.		
SHORT	Under 155 5' 1"	3	♦♦♦ —3 ,
SHORI ,	155 and under 16c . 5' 1"-5' 3"	23	
Below mean .	160 and under 165 . 5' 3"-5' 5"	33	++++++++++++++++++++++++++++++++++++++
ABOVE MEAN .	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	22	++++ ++++ +++++ ++-22
T	170 and under 175 . 5' 7"—5' 9"	16	. • • • • • • • • • • • • • • • • • • •
TALL ,	175 and over 5' 9".	3	♦ ♦ ♦ − 3
			THE REPORT OF THE PARTY AND THE PARTY OF THE

SCYTHO-DRAVIDIAN TYPE.

Type Specimen: Prabhu.

PROPORTIONS	OF HEAD.	PROPOR	TIONS	OF NOSI	€.	RELA	TIVE PE			E OF		STA	TUR	E.		
(Cephalic I	ndex.)	(N	asal Inde	ex.)			(Orbito-N	asal Ind	lex.)							C.M.
Average	79'9	Average .	•	1	5.8	Averag	ge	•	•	113.4	Average				•	162.7
Maximum .	89	Maximum	•	9	3	Maxim	um	•		121	Maximu	ım		•		1814
Minimum .	70	Minimum	•	6	io	Minim	ım. 🕴 .			106	Minimu	m				150'4
Range	19	Range .	•	3	13	Range		•	• ~	15	Range	•	•	•	•	31
	Indices.	-	Number of subjects.	ł			I	ercentage	on nu	mber of	subjects.					
			\ <u> </u>		5		10	15		0	25	30	<u> </u>	35		~
	HEAD.													•		
Long HEADS (Dolicho-cephalic)		inder 72.5 . l under 75 .	3 8	***	3	♦ ♦8			1			,		1		
MEDIUM HEADS (Meso-cephalic).		under 77.5 . l under 80 .	13	****	**	***	****	3	++	***	\$ 24			-		
Broad Heads (Brachy-cephalic.	82.5 and	under 82.5 . i under 85 . under 87.5 . l over				**** **-8	****	***	◆◆ 17	***	-25					
	NOSE.		1							,				1		
Fine noses (Leptorhine).		ander 65 .	6 13	****	**	_6 ◆◆◆◆	+++ 1	3				,		1		

Medium noses (Mesorhine).	70 and under 75 75 and under 80 80 and under 85		29 23 17	
Broad noses (Platyrhine).	{85 and under 90 } .		7 5	♦♦♦♦ ♦♦ −7 ♦♦♦♦ −5
ROO	OT OF NOSE.			
PLATY-OPIC (Flat).	Under 107 .		I I4	*- 1 ***** ***** **** <u>****</u> <u>****</u> <u>****</u> <u>****</u> ****
Mes-opic (Medium).	{ 110 and under 113	•	30	++++ ++++ ++++ ++++ -30
Pro-opic (Prominent).	113 and under 116 116 and under 119 119 and under 122		35 15 5	++++++++++++++++++++++++++++++++++++++
S	TATURE.	-		
€	Centimetres.			
Swann	Under 155 5' 1"		9	****
SHORT	155 and under 160 5' 1"-5' 3"		27	**** **** **** **** ****
Below mean .	160 and under 165 5' 3"—5' 5"	•	21	**** **** **** **** * -21
Above mean .	165 and under 170 5' 5"—5' 7"	•	33	++++ ++++ ++++ ++++ ++++ +++-33
Tall	5' 7"—5' 9"		8	++++ ++- 8
AALL	175 and over . 5'9"	•	2	++-2

SCYTHO-DRAVIDIAN TYPE.

Type Specimen : Coorg.

PROPORTIONS OF	HEAD.	PROPOR	TIONS	OF NO	SE.	RELA	TIVE P ROOT				,	STA	TUR	E.		
(Cephalic Inde	ex.)	(N	asal Ind	lex.)			Orbito-1	Vasal	Inde	x.)						Ç. M.
Average	. 79'9	Average .	•		72.0	Averag	ge .		•	. 120	Average	•	•			168.7
Maximum	. 89	Maximum			86	Maxim	um .	•	•	. 130	Maximum	•	•		•	182.0
Minimum	. 74	Minimum.			61	Minim	um ç	•	•	. 108	Minimum	•	•	•		1580
Range	. 15	Range .	•		25	Range		•	•	. 22	Range	•	•	•	•	24.0
In	ICES.		Number of)	Percent	age on	number o	f subjects.					
			subjects.		<u> 3</u>	I	<u> </u>	15		20	25 -	30		35	5	
т. Н	EAD.									1	-	,		ř		
Long HEADS (Dolicho-cephalic).	72'5 an	d under 75.	3	+++	**	+++-	9	1								
MEDIUM HEADS (Meso-cephalic).	775 and	under 77.5 . 1 under 80 .	6 9	***	##	***	###	**	##	- 19 +++	***	28				
Broad HEADS (Brachy-cephalic).		under 82.5 . l under 85 . over		#		##	;;;;	**	◆ ◆ • • • • • • • • • • • • • • • • • •	 19	ı					
1	NOSE.							ı								
Fine noses (Leptorhine).	160 and 165 and		2	##	##	_6 ++++	++++	++	++1	+++	+++ '+++	++ 4	3 1	ı		

Medium noses (Mesorhine).	70 and under 75	11 6 2	
Broad noses (Platyrhine).	85 and over	I	♦♦
ROO	T OF NOSE.		
PLATY-OPIC (Flat).	} 107 and under 110 .	2	++++ + -6
Mes-opic (Medium).	} 110 and under 113.	t	◆◆◆ -3
Pro-opic (Prominent).	/113 and under 116 . 116 and under 119 . 119 and under 122 . 122 and under 125 . 125 and under 128 . 128 and over .	4 7 5 7 4 2	-13 -16 -16 -12
ST	CATURE.		
Ce	entimetres.		
SHORT	Under 160 5′ 3″	2	***
Below Mean .	{ 160 and under 165 . 5' 3"-5' 5"	7	◆◆◆◆◆ ◆◆◆◆◆ ◆◆◆◆◆ ◆◆ ◆ ◆ ◆
Above mean .	165 and under 170 . 5' 5"—5' 7"	10	 + + + + + + + + + + + + + + + +
	170 and under 175 . 5' 7"—5' 9"	5	**** **** *** * * * * *
TALL	175 and under 180 . 5' 9"—5' 11"	7_	**** **** **** **** **** *** **
	180 and over 5' 11"	I	+++ -3
	1		

DRAVIDIAN TYPE: S. INDIA.

Type Specimen: Vellala (Good Sudra).

PROPORTIO:	IS OF HEAD	D.		PROP	OR	rions	OF:	NOSE.					STA	ATUR	E.		
(Cepha	ic Index.)				(Na	sal Ind	ex.)										C. M.
Average		. 74'I	Averag	ge .		•	•	•		73.I	Average			•	•		1627
Maximum	,	. 81.1	Maxim	um		•		ý		91.2	Maximum						172
Minimum		. 67.9	Minim	um						60.8	Minimum	•	•		•		153
Range		. 13.2	Range	•	•	•	•	•	•	30.2	Range		•	•			19.
	DICES.		Number of subjects.		5		to			centage o	on number of su	bject 2		30)	35	
VERY LONG HEADS (Hyper-dolicho- cephalic).	EAD. Under 70	•	. 2	***	**	- 5											
Long HEADS (Dolicho-cephalic)	70 and un		1	+++	**	+++		***	+	***	****	*	++1		-30 ◆◆-	22	
MEDIUM HEADS	75 and u			+++	++	+++		++++	+	+++	**	-23	***		**	J-	
(Meso-cephalic).	77'5 and	under 80	. 2	+++	++	-5	i			ĺ	, ,	1		ł		- 1	

BROAD HEADS (Brachy-cephali	ic). \ 80 and under 82.5.	2	****	— 5						F
,	NOSE.		,							
FINE NOSES (Leptorhine).	Under 70	14	+++++	****	****	****	****	****	****	-35
Medium noses) 70 and under 75 .	10	****	++++	****	****	****	-25		
(Mesorhine).	75 and under 80 .	12	+++++	++++	****	****	****	****	-30	
Broad noses	$\int 85$ and under 90 .	. 3	****	*** -8						
(Platyrhine).	90 and under 95.	I	♦♦ −2		i.					1
\$	STATURE.									
c	Centimetres.									
	Under 155 5' 1"	3	****	♦♦ ,−7						
SHORT	155 and under 160. 5' 1"—5' 3"	11	++++	++++	****	****	****	*** -28		•
Below mean .	160 and under 165.	12	****	****	****	****	****	****	—30	
DELOW MEAN .	5' 3"-5' 5"	•								
ABOVE MEAN .	. \ \ 165 and under 170 . \ \ 5' 5"-5' 7"	11	****	****	****	****	****	** -28		
TALL	170 and over	3.	****	** -7						5

DRAVIDIAN TYPE: S. INDIA.

Type Specimen: Mukkuvan.

PROPORTI	ONS OF HEAD.		PROPO	RTIONS (OF NOS	E.		S	TATUR	E.		
(Ceph	alic Index.)		(1	Nasal Ind	ex,)							C. M.
Average	75	·ı Aver	age .			. 810	Average		•	•		163,1
Maximum	83	·5 Maxi	mum .			. 104.8	Maximum		•			177.8
Minimum	68	6 Mini	mum .			. 62.5	Minimum		•			150.8
Range	14	9 Rang	ge .		, ,	. 42'3	Range		•	•		27.0
I	NDICES.	Number of subjects.		5	10	Percentage o	n number of sub	jects, 25	30		35	
Н	EAD.											-
VERY LONG HEADS (Hyper-dolicho- cephalic).	Under 70 .		+++ -3									
Long heads (Dolicho-	70 and under 72.5	. 7	++++	++++	****	++++	_18					
cephalic).	72.5 and under 75	. 10	++++	++++	****	++++	****	-25				
MEDIUM HEADS	75 and under 77.5	. 12	****	++++	****	++++	**	+++	+++	-30		
(Meso-cephalic).	77.5 and under 80	. 8	****	****	****	++++	-20		ŧ			
BROAD HEADS	80 and under 82.5	. 1	* - 2						ļ			
(Brachy- cephalic).	82.5 and under 85	. 1	44 -2	1				1	1			

	NOSE.						1			
Fine noses (Leptorhine).	Under 70	3	++++	++ -7						
•	[70 and under 75 .	6	++++	++++	++++	-15				
Medium noses (Mesorhine).	75 and under 80 .	9	++++	****	++++	****	+++ -23			
,	(80 and under 85 .	11	++++	****	****	+++++	****	♦ ♦♦−28		
	85 and under 90 .	6	++++	****	++++	-15				
Broad noses	90 and under 95 .	2	++++	-5			ī			
(Platyrhine).	95 and under 100 .	1	♦♦ 2							
	(100 and over	2	++++	5	:		<u>.</u>			
	STATURE.							•		
	Centimetres.									
Swann	Under 155 5' 1"	2	****	— 5	,					
SHORT	155 and under 160 . 5' 1"-5' 3"	9	****	****	****	****	♦♦♦ −23			
Below mean .	160 and under 165 . 5' 3"—5' 5"	12	****	****	****	****	****	++++	-30	
ABOVE MEAN .	. \ 165 and under 170 . \ 5' 5"—5' 7"	14	****	****	****	++++	****	****	****	-35
TALL	170 and over 5'7"	3	****	++ -7						
		<u>J</u>		•	<u> </u>	· · · · · · · · · · · · · · · · · · ·	<u> </u>			

DRAVIDIAN TYPE: RAJPUTANA.

Type Specimen: Bhil.

PRO	OPOR	TION	OF I	HEAI	ο,		PROPO	RTI	ONS	OF 1	NOSE,	ı				ST	ATU:	RE.			
	(Ce	phalic	Index.	.)				(Nasa	l Ind	ex.)											C, M.
Average	•		•		. 76	5 Averag	е.	•	•		•	. 8	4'1	Average	•	•		•	•		162
Maximum	•		•	•	. 84	Maxim	um .			•	•	, 10	25	Maximum		•	•	•			176
Minimum	•			•	. 68	Minimu	ım.				•	. 6	53	Minimum			,		•		147
Range	•		•	•	. 16	Range	•	•	•	•	٠ ن	. 4	1 2	Range	•	•	•	•	•	•	28.
	Int	PICES.	•		Number of subjects	1						•		nber of subject							
					1	-	<u>5</u>	10		15		20		25	30			35 I	4	0_	
	HE	AD.																[
VERY LONG I (Hyper-dol cephalic	licho-	Und	er 70		3	*+ -2															
LONG HEADS	;	(70a	nd und	er 72°5	20	++++	+++4	-	10												
(Dolicho- cephalic	:).	72.2	and un	der 75	56	****	+++4	++	++1	+	+++	+	+++	+++++	28						
MEDIUM HEA		1 .	ad und	er 77.5	48	****	+++4	+++	++1	+	++4	+	+++	♦ — 24							
(Meso-cepi	halic)	. } 77.5	and ur	nder 80	37	****	+++	+	++1	++4	++ -	-18									
BROAD HEAD (Brachy-	DS	∫80a	nd und	er 82 '	28	++++	+++1	++	++1)	4										
cephalic	:).	82.5	and ur	ader 8	8	***	4)				1			

AXXX

N	OSE.										
Fine noses (Leptorhine).	Under 70 .	5	▶♦♦ –3								
	70 and under 75	9	+++ -	4							
Medium noses (Mesorhine).	75 and under 80	42	++++	+++++	++++	++++	4 -21				
,	80 and under 85	53	++++	+++++	****	++++	++++	4 -26		:	
	(85 and under 90	43	++++	+++++	++++	++++	♦♦ —22				
Broad noses	90 and under 95	29	++++	+++++	+++ -	14					
(Platyrhine).	95 and under 100	16	++++	+++ 8							
	100 and over .	3	├ ф −2		i						
STA	TURE.										
Cent	imetres.										
	Under 155 .	17	+++ +	+++ -8		:					
Short	155 and under 160 5' 1"-5' 3"	33	****	++++	++++	++ -17					
BELOW MEAN .	. { 160 and under 165 5' 3"—5' 5"	84	****	++++	++++	++++	++++	++++	++++	++++	44 -42
Above mean .	. { 165 and under 170 5' 5"—5' 7"	43	****	++++	++++	++++	++ -22				
TALL	. 170 and over . 5' 7"	23	++++	++++	\$ —11			i.			
		l	<u> </u>		· .		<u> </u>	<u> </u>			

DRAVIDIAN TYPE: CHUTIA NAGPUR.

Type Specimen : Santal.

PI	ROPC	RT	CONS	OF I	HEAI).		}	PRO	POR?	rions	OF :	NOSE.				SI	TATU	JRE.			
	((Ceph	alic I	ndex.)					(Na	sal In	dex.)			ļ							C. M.
Average			•	•	•	•	76.1	Average	, .	•	•	•	•	. 88.8	Average			•				161.4
Maximum	•			•	•	•	88	Maximu	ım.	•			î	110	Maximum	ì						1777
Minimum	•						69	Minimu	m.		•	•	•	- 74	Minimum					•	•	1517
Range		•	•	•			19	Range	•	•	•	•	•	. 36	Range	•			•	•	•	26.0
	1	NDIC	ES.			Num o subje	f			ī	0	15		age on num	ber of subjects.	3	0		35		10	
	ŀ	HEA	D.				Ī		,									· · · · · ·				
Very Lond (Hyper-c cephal	iolich		Unde	r 70			:	1											*			
Long Heat		1	70 an d	unde	r 72·5	ı	:	++++	++1	++	4 _11	1				•					•	
(Dolicho cephal		Į	72°5 a	nd unc	ler 75	2	5	++++	++1	++	+++	+++	+++	+++4	-25						-	
MEDIUM H	EADS	{ :	75 and	unde	77.5	2	8	++++	+++	++	+++	+++	***	+++4	+++	28						
(Meso-ce		- \ 1	77'5 ai	nd unc	ler 80	2	1	•+++	444	++	444	44	+++	4 -2	1						! !	

1	
>	
3	

	•										
Broad Heads	(80 and under 82.5	8	+++++	+++ -8	}						
(Brachy-	82.5 and under 85	5	++++	 5							
cephalic).	(85 and over .	1	\$-1								
N	OSE.										
	[70 and under 75	I	4 —I		•						
Medium noses (Mesorhine).	75 and under 80	10	++++	++++	— 10						
(2.20002.220)	80 and under 85	20	++++	++++	++++	****	20		,		
	(85 and under 90	26	++++	++++	++++	++++	+++++	\$ —26			
Broad noses	90 and under 95	16	++++	++++	++++	4 —16					
(Platyrhine).	95 and under 100	15	++++	++++	++++	15					
	100 and over	12	++++	++++	44 -12						
STA	TURE.									:	
Cen	timetres.						,				
_	Under 155 .	12	++++	++++	44 —12	,					
SHORT .	155 and under 160 5' 1"-5' 3"	25	++++	++++	++++	++++	+++++	-25			
Below mean	160 and under 165 5' 3"-5' 5"	43	****	++++	++++	++++	++++	++++	++++	++++	+++ -43
Above mean	. { 165 and under 170 5' 5"—'5' 7"	17	****	++++	++++	44 -17					
TALL	. {170 and over . 5' 7"	3	♦♦♦ -3		•	-					
			<u> </u>	,		·			<u> </u>		

DRAVIDIAN TYPE: S. INDIA.

Type Specimen: Paniyan (Jungle Tribe).

Pl	ROPO	RTIONS (OF H	IEAD.		P	ROPO	RTION	s of	NOS	E.				STAT	URE.			
		(Cephalic 1	inde	c.)		ł	(Nasal I	index.)								,		С, М,
Average		•		•	74'0	Average	•	•	•	•	• 9	95.1	Averagé					•	157.4
Maximun	n.	•	•	•	. 81·I	Maximum				• ;	. 1	08.6	Maximum		•		•	•	171.6
Minimum	١.	•		•	. 68.4	Minimum	•	•	•	•	•	72.9	Minimum	•	•	•			152.0
Range	•	•		•	12.7	Range.	•	•	•	•	•	35.7	Range			•		•	19.6
VI Theredon a distribution of the telescoped and the telescoped and the telescoped and the telescoped and the telescoped and the telescoped and the telescoped and the telescoped and the telescoped and the telescoped and the telescoped and the telescoped and the telescoped and the telescoped and the telescoped and the telescoped and the telescoped and the telescoped and the telescoped and tele	HEAI		Number of subjects,	-	5	10	15	2	0	25		30	35	4	0	45		50	
VERY LOI HEADS (Hyper-dichoce) halic).	NG U	nder 70 .	2	+++ +	***	-8													
Longhea	ADS) 7	oand under	8	++++	+++	++++	**	++ +	+++	++	++ +	++	→ -32						
(Dolich cephali		72:5 2:5 and un- der 75	5	++++	+++	++++	+++	+++	-20			l							

ARYO-DRAVIDIAN TYPE.

Type Specimen: Brahman of the United Provinces.

1	PRO	POR?	CIONS	OF	HEAL	D.			PROF	OR	CIONS (OF NO	SE.					S	LAT U	RE.			
		(Cep	halic	Index	:.)			-		(Na	asal Ind	ex,)											C. M.
Average			•	•	•	•	73.1	Avera	ge .	•	• ,				74°6	Average				•	•		165.0
Maximun	ı.	•	•		•	•	84	Maxin	num	•	•				100	Maximum	1			•	•	•	187.9
Minimum	٠.	•		•	•	•	66	Minim	um	•					60	Minimum	ı	•	•			•	142.2
Range	•		•	•	•	•	18	Range		٠	•		ı	•	40	Range		•	•	•	•	•	457
			Indice	3,				Number of subjects.		5		10	I	Perc	_	number of se		ets. 25	1	30	3	5	
,	****		HEAL).			****				·				·			Ĭ				Ī	
VERY LONG (Hyper ceph	-doli	cho-	Un	der 7	o'			16	+++	•	•++•	• • •	++	+	- 16								
LONG HE			70	and	under	72.5	; .	24	+++	•	+++	++	++	4	+++	++++	+ -	- 24					
(Dolich ceph	io- alic).		172	5 and	l unde	r 75		34	+++		++++	+++	++	+	+++	**	+4	++	+++	++4	\	34	
Medium	HEAI	DS .	j 75	and u	ınder	77:5	•	15	+++		}	•	++	+	-15								
(Meso-	cepha	alic).	1,,,	s and	unde	ተ ጸብ		9	444	رام		- 9		ļ									

Broad Heads (Brachy-cephalic	c). }80 and over .	.	2	44 -2							
	NOSE.]							
Fine noses	60 and under 65		10	+++++	-10						
(Leptorhine).	65 and under 70		17	+++++	++++	44 -17		<u>}</u>			
	[70 and under 75	.	25	+++++	++++	++++	++++	25			
Medi'um noses (Mesorhine).	75 and under 80		24	****	++++	++++	+++ -	24			
	(80 and under 85	• [13	+++++	+++- 13	3					
	85 and under 90		5	++++ -5							
BROAD NOSES	90 and under 95	•	4	*** -4							
(Platyrhine).	95 and under 100	•	I,	♦ - 1							
	100 and over .	•	ı	\$-1							
s	TATURE,		,								
· c	entimetres.										
SHORT	. Under 160 . 5' 3"	•	12	++++	++ -12						
Below mean.	. \ \ \ \ \ 5' 3"\leftarrow 5' 5"	•	18	++++	++++	444 -18		· ·			
ABOVE MEAN .	165 and under 170 5' 5"-5' 7"	•	37 _	++++	++++	++++	++++	++++	*** *	++	37
TALL	. 170 and over		33	++++	++++	++++	++++	++++	♦♦- 33		

ARYO-DRAVIDIAN TYPE.

Type Specimen: Chamar of the United Provinces.

PROPORT	IONS C	F HE	AD.			PROF	ORTI	ONS	OF N	OSE.					S?	TA7	JRE.			
(Cep	halic In	dex.)					(Nas	al Ind	lex.)											C. M.
Average	•			72.8	Ave	rage .	•	•				860	Average		•	•	•	•		1637
Maximum	•			81	Max	imum				•	•	109	Maximum	1.	•		•			176.
Minimum	•		•	67	Mini	mum	•		•			64	Minimum							152-4
Range	•		•	14	Ran	ge .	•	•				45	Range		•	•	•		•	24'1
I	Indices.						5		10		ercei	ntage on	number of su	bject 25	ts.	30		35		
1	HEAD.					<u>}</u>								-		1				
VERY LONG HEADS (Hyper-dolicho- cephalic).	Und	er 70	•	•	17	***	++	++ +	***	+++	*	♦ —17								
Long HEADS	(70 aı	dau ba	ler 72.	5 .	23	++++	++	+++	+++	+++	+	+++	+++-	23		Ì				
(Dolicho- cephalic).	72.2	and u	nder 7	5 .	38	++++	+++	++4	++	+++	•	+++	++++	*	+++	* *	+++	++	++ (— 38
MEDIUM HEADS	75 a	nd und	ler 77°	5 .	15	++++	+++	+++	++	+++	-	1 5								
(Meso- cephalic).	<i>77</i> °5	and u	nder 8	o . '	5	++++	- 5		,				ł					1		

Broad HEADS (Brachy-cephalic).	80 and over	2	♦♦ -2							
N	OSE.			1						
Fine noses	Under 65	ſ	1						<u> </u>	
(Leptorhine).	65 and under 70 .	1	ф -1							
	70 and under 75 .	5	++++ -5							
Medium noses (Mesorhine).	75 and under 80 .	13	+++++	++++	13					
	80 and under 85 .	19	++++	++++	++++	+++ -	19			
	(85 and under 90 .	25	++++	++++	++++	+++++	++++	25		
Broad noses	90 and under 95 .	27	+++++	++++	++++	++++	++++	*- 27		
(Platyrhine).	95 and under 100 .	3	+++ -3	1	,	,			,	
	100 and over	6	++++	-6						
ST	ATURE.									
Cen	timetres.			ļ				·	,	
SHORT	Under 160	11	****	+++	11					
Below MEAN	\{ 160 and under 165 . 5' 3"-5' 5"	32	+++++	++++	+++ +	++++	+++++	++++	4 4 - 32	
Above mean .	{ 165 and under 170 . 5' 5"—5' 7"	39	+++++	+++	++++	++++	++++	++++	++++	♦♦♦ —39
TALL	\{ 170 and over 5' 7"	18	+++++	++++	++++	*				
			1		· · · · · · · · · · · · · · · · · · ·					

MONGOLO-DRAVIDIAN TYPE.

Type Specimen: Kochh.

							· · · · · · · · · · · · · · · · · · ·					
PŖOPOJ	RTIONS	OF HEAD.	PRO	PORTI	ONS OF I	NOSE.		E PROMINOT OF NO	NENCE OF		STATU	RE.
(C	ephalic In	dex.)		(Nasa	l Index.)	1	(Orbi	ito-Nasal Ir	ıdex.)			
	Risley.	. Waddell.		R	isley. V	Vaddell.		Risley	Waddell.		Risle	y. Wadd
Average	. 75.2	76.7	Averag	ge . ;	76.6	80.0	Average	. 110.8	110.0	Average	e . 160.7	159
Maximum	. 84	87	Maxim	um . ˈg	92	109	Maximum '	. 121	121	Maxim	um . 174°	6 169
Minimum	. 68	71	Minim	um . 6	51	67	Minimum	. 104	93	Minimu	ım . 144°C	0 150
Range .	. 16	16	Range	. 3	31	42	Range .	. 17	28	Range	. 300	6 19
		,		[DDELL DDELL						
	In	Dices.		Number of subjects.	ł	e		_	number of subject		30 35	e
	H	EAD.]						<u>, </u>		,
MEDIUM 1 (Meso-c	o-cepha- HEADS cephalic).	72.5 and under 75.5 and under	77.5. {	19 12 25 34 32 20 10			2 00000 - 0000000 0000000		19 ************************************	25 B&&&& ++++	 \$\& \$\DE \\ \$\D	©©© —38
Broad HI (Brachy-c		$\begin{cases} 80 \text{ and over.} \end{cases}$.{	8 7								

1	NOSE.		1
Fine noses	60 and under 65.	♦ 1	
(Leptorhine).	65 and under 70 .		
36	70 and under 75 . {		A -21
Medium noses (Mesorhine).	75 and under 80 . {	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Y 3.
	(80 and under 85		◎ ◎ ◎ ◎ ─ 33
Broad noses (Platyrhine).	85 and under 90 . {	\$\displaystyle \displaystyle \dintartartartartartartartartareq \displaystyle \displaystyle \displaystyle \displaystyle \displ	
BOO1	OF NOSE.	\$\ddot \ddot	
ROOI	(Under 101 101 and under 104	◎ ◎ ◎ ◎ ◎ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	
PLATY-OPIC (Flat).	104 and under 107 {	♦ ♦♦♦♦ ♦ ♦♦−8 ©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©	
	107 and under 110 {	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	-30
Mes-opic (Medium).	{110 and under 113{		* * * * * * * * * * * * * * * * * * *
Pro-opic	113 and under116.		1-
(Prominent).	116 and over	▼ ▼ • 3	
STATUR	ECentimetres.		
_	\{\begin{aligned} \text{Under 155} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\		
SHORT .	155 and under 160 }	<u> </u>	- 30 - 8888825
Below mean	160 and under 165 }	\$\delta \delta	★ ★★→ -33
Above mean	. { 165 and under 170 . { 5' 5"-5' 7" . {		
TALL	170 and over 5' 7"	 ◆◆◆─3	

MONGOLO-DRAVIDIAN TYPE.

Type Specimen: Brahman of East Bengal.

PROPORT	rions	OF	HEA	D.			PRO	OPOF	RTIONS	of	NOSE	Ξ.				S	TATU	RE.			
(Cep	halic I	ndex	:.)					(1	Nasal I	ndex.) ;										С. М.
Average	•		•		79.0	Avera	ge .		•		•		70.3	Averag	е.						165.3
Maximum .			•		88	Maxim	um	•			•		85	Maxim	um	•					179.2
Minimum .			•		70	Minim	um	•			j,		56	Minimu	ım	•	•	•			147:4
Range			٠	•	18	Range	•	•	•	•	•		29	Range	•		•	•	•	•	31.8
	INDICES.								5	10			entage or	number of	subjec	-	30		35		
	HEAD.								1												
Long heads (Dolicho-	∫70	and 1	under	72.2	•	ı	\$ -1														
cephalic).	72.	s and	l unde	er 75	•	8	+++	+++	+++	++	- 1	2									
MEDIUM HEADS	§ 75	and	under	77.	5.	14	+++	+++	+++	++	+++	•	+++	 + + - :	2 1						
(Meso-cephalic).	77	·5 an	d und	er 8	э,	21	++	+++	+++	++4	+++	•	+++	*	+++	+++	+++	♦ —31	.]		
	(80	and	under	82.	5 .	12	+++	+++	+++	++4	++4	+	+++	-18							
Broad HEADS (Brachy-	82	-5 an	d und	ler 8	5 .	9	++	+++	+++	++4	++ -	-13									
cephalic).	(85	and	over		•	3	++	}	 			1									

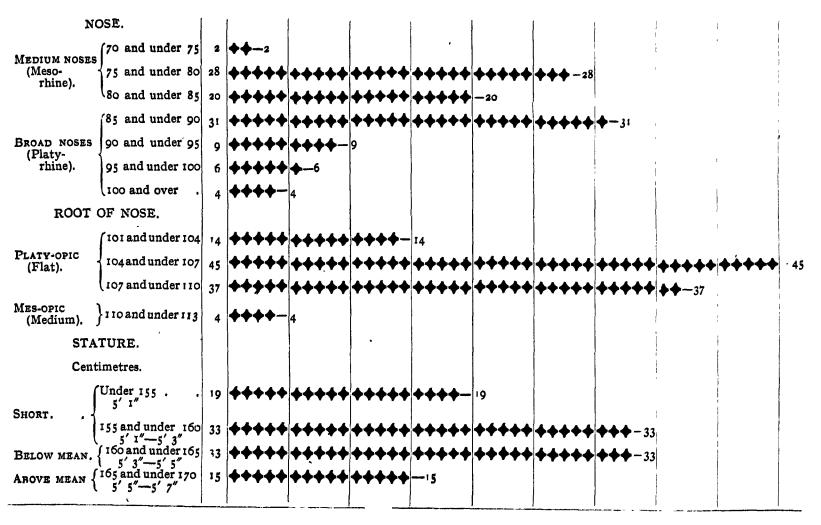
	NOSE:]					ı
_	Under 60	•	4	++++	\$ 6			i 		
Fine noses (Leptorhine).	$\begin{cases} 60 \text{ and under } 69 \end{cases}$		8	++++	++++	44 12				
	65 and under 70		19	++++	++++	++++	++++	++++	+++ -28	
	70 and under 7		. 20	++++	++++	++++	++++	++++	+++ -	29
Medium noses (Mesorhine).	75 and under 80		14	++++	++++	++++	++++	♦ —2 I		
	80 and under 8	5.	2	♦♦+ -3						
Broad noses (Platyrhine).	85 and over .	•	I						,	
•	STATURE.									
ļ	Centimetres.				[1	
Short	Under 155 . 5' 1"	•	2	♦♦→ -3						-
SHORE	155 and under 1 5' 1"—5' 3"	60 .	8	++++	++++	♦♦ —12				
Below mean.	$\begin{cases} 160 \text{ and under } 1 \\ 5' 3'' - 5' 5'' \end{cases}$	65 .	22	++++	++++	++++,	++++	++++	*** *	♦♦ —3
Above mean .	.{ 165 and under 1 5' 5"—5' 7"	70 .	22	++++	****	++++	++++	++++	++++	*- 3
Tall	5' 7"—5' 9"	75 •	12	++++	*** *	++++	*** -18			
	175 and over . 5'9"	•	2	+++ -3						

MONGOLOID TYPE.

Type Specimen : Chakma.

PROPORTIC	NS O	HE	CAD.]	PROPOR'	rions	of	NOSE.	•	RELAT F	IVE PE			CE OF	S	TAT	JRE.		
(Cephal	ic Ind	ex.)			(Na	asal In	ıdex.)		1	(Oı	bito-Na	sal In	dex.)					C. M.
Average			84.3	Av	erage .		•	. 84	4.2	Average	• (•	•	•	106.4	Average		•		159.5
Maximum	•		96	Ma	ximum .	•		. 10	5	Maximu	m.	•		112	Maximum		•		169.6
Minimum.			77	Miı	nimum .	•	•	. 70	,	Minimur	a	•	•	102	Minimum				149'0
Range	•	•	19 .	Ra	nge .	•	•	. 39	5	Range		•	•	10	Range .	•	•	•	20.6
Indic	es.		,	Number of subjects,		5	;	10		P	ercentage 20	on numb	er of	subjects.	35		40		45
H	EAD.																		
MEDIUM HEADS (Meso-cepha-		l und	er 77'5	3	+++ -:	3													
lic).	₹77.2 a	nd ur	der 80	15	++++	++	+++	+++	++	-15									
	(80 and	l und	er 82·5	16	++++	+++	+++	+++	++	4 —16									
The	82.5 a	nd un	der 85	21	++++	+++	+++	+++	+ +	++++	\$								
Broad HEADS (Brachy-	85 and	l und	er 87.5	19	++++	++	+++	+++	+ +	++++	- 19				-				
cepnanc).	(Brachy- cephalic). 85 and under 8 87.5 and under				++++	+++	+++	+++	++	+++ -	8								
	90 and over					+++	4 -8							i	-				

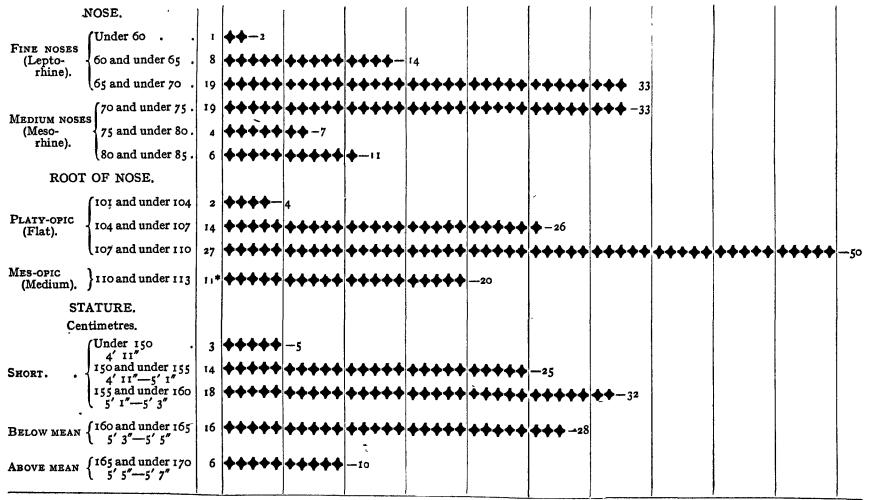
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MONGOLOID TYPE.

Type Specimen: Lepcha.

PROPO	ORTIC	ONS C)F H	EAI	D. -	PROF	ORTI	ONS	OF N	IOSI	E.	RE			PROMI OF NO		CE OF		S	TAT	URE.		
· (Cepha	lic In	dex.))			(Nas	al I	idex.)				(Or	bito-	Nasal :	Index	.)						C. M
Average			•		79 '9	Average				•	67:2	Aver	age	•	•		108.1	Average		•	•		157
Maximum	•	•	•	•	90	Maximum					83	Maxi	mum	•	•	•	. 113	Maximun	a.		•		169
Minimum	•	• ,			73	Mınimum					59	Mini	num	. 4	•		103	Minimum	١.	•		•	149
Range .	•	•	•	•	17	Range.	•	•	•	•	24	Rang	e.	•	•	•	. 10	Range.	•	•	•	•	20
**************************************	Indic	EES			Number of subjects.			~	*			'	Perce	ntage	on numb	er of su	bjects,			, حصوات	ه کارنتني ده بن		
		·			2 %	ļ	5		10		15	2	<u> </u>	2	<u>; </u>	30		35 4	<u> </u>	4	15		50
	HE	AD.																					
Long hea (Dolicho cephal)- } ₂	72°5 a.r	d un	đer 7	5 2	+++ -3								! !									
MEDIUM H	EADS	75 an	l und	er 7;	7.5 4	++++	++-	-7															
(Meso- cepha	lic). {	77°5 a	nd uı	nder	80 18	++++	++1	++	++1	++4	++	+++	+++	+ +	+++ -	++	♦ -32						
		30 and	unde	r 82	.5 16	++++	++4	++4	++4	++	++	+++	+++	++	+++	-28					ĺ		
Broad he (Brachy		32°5 a.r	d un	der 8	5 10	44444	444	•	***		}	_ 18				j		1			1		
` cepha	Brachy- 82.5 and under 85 cephalic).			++++	1		' ' '		1.	•				1					}				

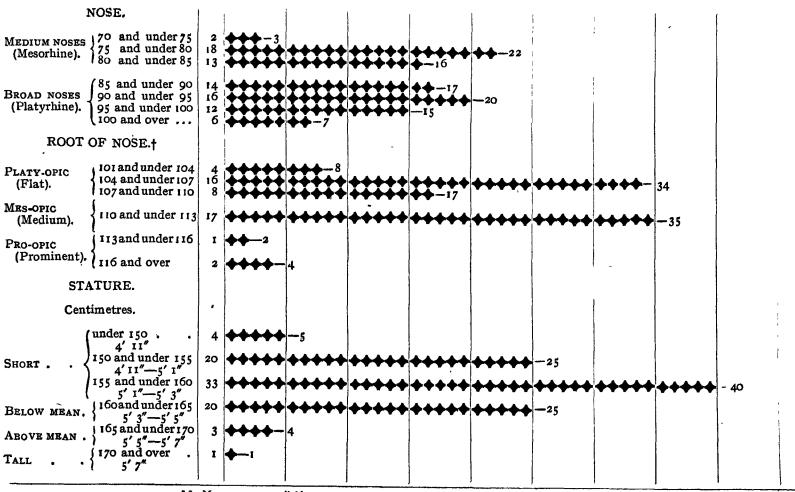


^{*} Three cases without data have been omitted.

MONGOLOID TYPE.

Type Specimen: KASIA.
LT.-Col. Waddell.

PROPO	RTI	ONS	OF F	ŧΕΑ	D.	} :	PROPO	RT:	IONS	OF	NO	SE.	RELATI R	VE PI OOT (E OF		S	TAT	rur	E.	
(C	eph	alic I	ndex.)			(Nas	sal Ind	ex.)			(Ori	bito-N	Tasal	Ind	ex.)							C. M.
Average					78·6	A	verage		~		•	86.3	Average					108'4	Averag	е		• •	•	156.9
Maximum	•				84	M	aximum	•	•			108	Maximum	1				119	Maxim	um				1700
Minimum	•				72	M	inimum			•		.73	Minimum	L				101	Minimu	m				141.7
Range					12	R	ange					35	Range	•				18	Range					28.3
	HI	EAD.	•			Number of subjects,	\	_5		1					`				33			-40	·	
	Indices,						<u> </u>	5		10		1	5 2	0		25		30	35			40	·	45
Long hea (Dolicho	DS {	70 ar	nd une	der	72.5	2	+++-	-3											į					
	Dolicho- cephalic). 72.5 and under						+++1		♦ -6															
MEDIUM HE	DIUMHEADS 175 and under ;						+++1		+++	++	++	+++	****	++1	++1	+	\	- 28						
cephal	ic).	177	s and a	ınde	er 80	36	+++4		+++	++	++	+++	****	++1	1	**	+	**	++++	+	++	+ +	++	**
BROAD HEA	DS	80 aı	nd un	der	82.5	9	+++4		+++	++	\	·1 I												
cephal	ic). 1	82.5	and u	nde	r 85	6	+++4		44 -:	7				}				1				}		}



^{* 80} Measurements available.

NEGRITO TYPE.

North Andamans.

MALE 📤 AND FEMALE 🙉 SERIES.

							MALE		111			MAL	3 ⊗ S	ERIES.							
1	PRO	POR	TIO	NS OF	HEA:	D.		Pl	ROPO	OR'	TIO	IO 2N	NOSE.					SI	'AT	URE.	
		(Cep	hali	: Index.)					(1	Nas	al I	ndex.)					1		С. М.	C. M
				Male.		Female.						Mal	e.	Female.						Male.	Fema
Average	•	•	•	820		81.0	Average	•				92'	5	94'3	A	verage		•		148.6	138.2
Maximum	•	•	•	88		88	Maximu	n.				115		113	М	aximum.		•		156.8	120.0
Minimum	•	•		78		78	Minimun	a .			•	77		77	М	inimum		•		1400	127.7
Range	•	•	•	10		10	Range	•	•			38		36	R	ange	•	•		16.8	23.3
**************************************	Ind	ICES.			Number of subjects.		J			,				ge on number	ofs	ubjects					
					Z "	5	3	0		15			1	25	30	;	35		40	4	5 50
MEDIUM E (Meso-co Broad HE (Brachy lic).	epha	lic),	80 un 82 un 85 un 87	5 and onder 80 and der 82.5 and oder 87.5 and der 90 and der 90 and oder 90 an	21 25 12 14 5 3	0000000 0000000 0000000 0000000	22828 22888	छ । छ।) ග්ර	♦	14 3 3 9	9 0 0	7777	4 4 4 4	- 1	**** &&&&	*	• ••• •888	*	} - 42 • • ⊗⊗⊗	88888

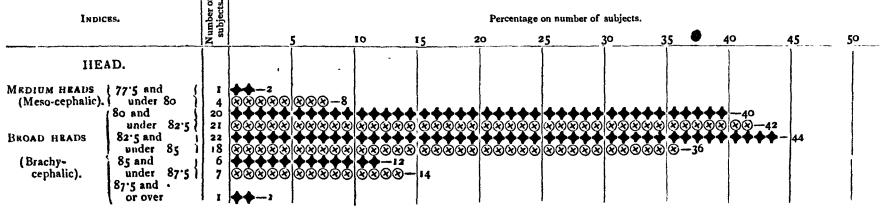
	NOSE	;.		[[Í		
Medium ne		75 and under 80	2 2	**************************************	4 4									
(Mesorhii	ne).	80 and under 85	5	♦♦♦ ♦ ⊗ ®—²	++++	-10							-	
		85 and under 90 {	8	****	***** *******	**** 88888	♦♦♦♦ ⊗-16	♦♦ —22					,	
Broad nos		90 and under 95	14 15	**** 88888	**** 88888	**** 88888	***** ******	***	♦◆◆—28 ⊗⊗⊗⊗⊗	-3 0				
(Platyrhi	ine.)	95 and under 100 {	7 9	***** 88888	**** 88888		14 ⊗⊗⊗—18	c c						
	-	over	11	***** 88888	**** 38888	♦ ♦♦ 38888	**** * 88888	♦♦-22 ⊗⊗⊗⊗⊗	<u> </u>	-3 0				
5	STATUE	RE.												
C	Centimet	res.												
i	Under	135	10	<u>ଷ</u> ଷ୍ଠଷ୍ଠ	88888	<u> ୬</u>	88888	—20						
	135 and 4' 78'	d under 140	24	88888	88888	88888	88888	<u>ଷ</u> ଷଷଷଷ	88888	<u>ଷ</u> ଷଷଷଷ	<u>ଷ</u> ଷଷଷଷ	88888	⊗⊗⊗ -4!	3
_		l under 145 { "-4' 9" {	14 14	***	**** 88888	**** 88888	**** 88888	***** 88888	♦ ♦♦-28 ⊗⊗⊗-28					
SHORT .	145 and 4' 9"	l under 150 {	15	♦ ♦♦♦ ⊗⊗−2	++++	++++	+++++	+++++	++++	—30				
	150 and 4' 11'	under 155 {	16 1	♦ ♦ ♦ ♦ ⊗⊗−2	++++	+	+++++	++++	++++	\$\$ -32				
		l under 160 { -5' 3"	5	****	++++	—10								
		<u>-</u>		<u> </u>	J	· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·	l		<u> </u>	<u>. i </u>

NEGRITO TYPE.

South Andamans.

MALE ♦ AND ⊗ FEMALE SERIES.

	PROPO	RTI	ONS	OF HEAD	D.	P	ROPO	RTIO	NS	OF NOS	E.				S	TAT	TURE.	
	(6	Cepha	lic l	Index.)	•		(1	Nasal	Ind	ex.)							С. М.	С. М.
				Male.	Female.					Male.	;	Female.					Male.	Female
Average	•	•		83.0	82.7	Average				88.2		89.4	Average	•-	•		148.2	140.2
Maximum	•	•	•	90	87	Maximum		•		102	¥	113	Maximum	•	•	•	159.4	148.5
Minimum				79	79	Minimum	•	•		74		70'	Minimum		•	•	138.0	129.1
Range	•			11 .	8	Range	•			28		43	Range	•	•		21.4	19.4



cvii

NO:	SE.				1		}						1
Fine noses (Leptorhine).	65 and under 70	}	1	⊗⊗-2								1	
(Deptormie).	70 and under 75	}	I	♦♦ −2 ⊗⊗−2								1 1 1	
MEDIUM NOSES (Mesorhine).	75 and under 80	į	3 7	**** 88888	∳ -6 ⊗⊗⊗⊗⊗	8888-	14						
	80 and under 85	1	15	**** *****	**	♦♦♦♦ ⊗⊗ −12	++++	++++	****	30		'	
	85 and under 90	1	10	***	***	\$ \$\$\$\$\$	♦♦♦♦ ⊗—16	20					
BROAD NOSES	90 and under 95	}	8 12	****** *******	**** *****	\$\$\$\$\$	♣ –16 ⊗⊗⊗⊗	88.88-	24				
(Platyrhine).	95 and under 100	{	8 2	**** ** 8888	++++	++++	\$ —16						
ļ	100 and over.	{	5 13	**** &&&&&&	**** 88888	_10 88888	88888	38888	⊛—26			·	
STAT	URE.											ı	
Centim	etres.											ı.	
Under	135 . d under 140		6	୬୬୬୬ ୬	88888	⊗⊗—12					1		
4	78" d under 145	}	16	ඉහුමුනුනු	<u>୬</u> ୭୭୭୭	<u> ୬</u> ୬୬୬୬	<u>ହୁଉ</u> ତ୍ତୃତତ	<u>ଷ</u> ଷଷଷଞ	<u> ୧୯୯</u> ୧	⊗⊗—32			
4' 7	d under 150	1	22	න්තත්ත්ත්	<u> </u>	න්නන්නන්	୬ ୭୭୭୭	<u> ୬</u> ୬୬୬୬୬	<u> ୪</u> ୪୪୪	ନ୍ନନ୍ନ	<u> ୬</u> ନ୍ନ୍ନ	⊗⊗⊗ —,44	
4′ 9	d under 155	1	25 6 12	නුනුනුන් න්	ਲ਼ਲ਼ਲ਼ਲ਼	⊗⊗ – 12	++++	4444	24	****	****		→ -50
155 an	1"5' 1" d under 160 1"5" 3"		3	++++	♦ -6	* * * * * *	****	* * * *	T			·	
The state of the same				<u> </u>	<u> </u>	1	<u> </u>		<u> </u>	1			1

SUMMARY OF MEASUREMENTS.

TURKO-IRANIAN TYPE.

WESTERN PUNJAB, NORTH-WESTERN FRONTIER PROVENCE AND BALUCHISTAN. (In order of Cephalic Index.)

						DIME	ENSIONS OF HEAD,				P R TIC	O P ONS EAF	JF'	DI	MEN	SION	IS OF	NOS	Е.		PONS COSE.		Ç,	TATURI			LATIVICE OI			
subjects		of Tribe Saste.	Language or Dialect.	Locality.		тн (Gi			E A D			PHA NDE		H	EIGHT		Bri	EADTI	ı.	Nasai	LIND	EX.		IAIURI	· .	AVER D 1 M SIO	E N-	Orbit In	o-Na dex.	SAL
Number of					Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	External orbital breadth (average).	Bi-orbito nasal arc (average).	Average.	Maximum.	Minimum.
								-	WES	rern	PUN.	JAJB	& N	W. I	. PR	.071	NOE.					Ì								
.7 80	Nägar Pathän	• •	Burusharki Western Punjābi		190'7 185'2	198 203	180 165	143·8 141·7	151 152	142	75.4 76.5	75) 87	72 69	58.4 50.0	64 59	52 45	34°2	40 40	35 30	63·3 68·4	69 80	55 56	1648 1687	1866 1866	1606 1562	112.0	116·8 135·9	117.1	124 131	108
6 9 60	Käfir Hunza Baloch	(mixed).	Ashkun Burusharki Western	Kāfirstān HuNza Western Punjab	194.6 192.8 179.2	199 200 197	191 181 155	149.6 152.0 143.5	160 165 152	143 144 133	76'9 78'8 80'0	821 821 9:1	73 76 72	54°1 53°2 49°4	58 62 58	52 50 45	37.3 38.5 34.3	39 40 40	36 37 30	68.9 72.3 69.4	72 78 87	64 65 57	1671 1708 1662	1738 1800 1803	1560 1648 1524		124'3 123'7 134'2	113.4	119	113 109 110
200	Hazāra	•	Punjābi Persian .	Afghanistan .	179.6	202	160	152.8	168	140	85.0	ر پرووا	74	46.3	56	37	37'3	45	31	80.2	111	63	1684	1806		114.0		1	1	103
								1			BA	LU	HIS	TAN.														,		
58*	Lori .	• •	Brāhui and Gypsy (Mokāki)	Quetta and Sa- runa.	177.6	192	158	1 39.5	152	130	78.5	9()(71	56.4	66	44	35.1	44	26	62.3	85	48	••	••	••	98.7	119.5	121'0	133	105
100*	Makh (Pathā		Pashto .	Harnai, Thal	181.0	200	163	142'1	159	130	78.5	8;7	65.	57.4	64	46	34°0	43	29	59.5	78	48		••		99.3	124.0	124.8	134	113.
59*		i (Pathān)	Do		178.1	195	161	141.5	155	126	79.2	8⊖ੈ	70	56.9	66	48	33.7	45	28	59.2	87	47			••	99.2	121.8	122.7	133	114
76* 100* 100 271	Dehwär Jat . Pani (P Baloch		Dehwäri . Jadgali . Pashto . Balochi .	Mastung . Sibi Do	179.4 177.8 183.9 181.8	200 196 198 205	165 160 168 161	142·2 141·9 147·4 146·2	155 155 158 159	130 130 139 131	79°2 79°8 80°1 80°4	813 912 903 903	68 70 75 70	54'9 56'1 50'9 52'4	68 64 58 61	45 44 43 45	34°1 35°4 37°2 38°0	40 46 43 46	28 25 32 32	62·1 63·1 73·0 72·5	80 84 90 94	47 42 55 57	 1677 1678	 1852 1850	 1560 1506	98.0	119.2 132.0 133.6	125.0	143 126	107 104 111 111
24* 100	Dehwär Acha (Pathã	kzāi	Dehwāri . Pashto .	Kālāt Chaman, Quettā Pishin.	187.7	183 210	168 175	144.4 152.4	160 171	133 140	81.1 80.8	813° 9:14	73 74	59°5	70 63	53 48	34.7 37.8	40 47	30 31	68.3 58.3	67 90	48 55	 1722	1862	 1602	100.0 116.4	136.4 136.4	122.5	133 125	113
48* 198	Mir Jat Brāhui		Jatki . Brāhui .	Sibi Sarawan Coun- try	180'I 182'0	200 197	162 166	146.4	158 165	135 135	81.2 81.3	9:3 9:3	73 72	57.3 51.3	86 65	48 41	35.4 36.4	45 45	30 30	70 . 3	75 98	40 55	 1659	 1794	 1526	110.0 90.0	130.3 130.3	124.6 118.0	137 128	111
200 112 79*	Dehwär Käkar (Med .	Pathān)	Dehwāri . Pashto . Makrāni Balochi	Mastung. Quetta and Zhob Pasni, Gwadur, Chabar and Ormara.	179.4 184.4 181.4	198 202 200	165 170 170	146.6 151.4 148.9	159 169 160	131 140 136	81.4 81.9 82.0	9: 10 9: 2: 9: 2:	72 74 72	48.4 53.4 55.9	59 61 68	42 46 44	36.0 32.5 38.1	45 44 46	30 32 30	74.3 69.6 68.1	98 88 92	60 60 53	1642 1683	1808 1882	1488 1570 	114.9	127°0 134°0 149°4	116.6	124	109 107 113
77* 100 13 33*	Mengal Tārin (I Ghulām Chhutta	athān)'. (Slaves)	Brāhui . Pashto . Balochi . Jadgāli .	Saruna Pishin Baluchistan .	179.2 182.1 179.0	190 188 190	161 165 170 162	148.7 150.2 150.2	162 170 159 162	130 138 141 140	82·8 82·8 83·9 85·2	933	70 74 75 80	57.8 54.1 51.2 60.0	68 62 56 70	41 45 46 50	34.4 36.7 39.3 35.2	43 49 46 40	30 30 35 30	59°5 67°8 76°7 58°6	83 86 92 71	50 54 66 50	 1683 1642	 1928 1706	1533 1526	114.7	130·3 133·6 136·6 138·3	116.4 115.8	127	III
35*	Bandija		Do	Kila do	174.6	190	162	152.0	162	144	87.0	9,1	81	59'4	70	54	35.0	42	28	58.9	71	47		••		115.1	141.5	122.6	1.39	110

* Mr. B. A. Gupte, F.z.s.

APPENDIX IV.

SUMMARY OF MEASUREMENTS.

INDO-ARYAN TYPE. PUNJAB AND RAJPUTANA. In order of Cephalic Inde x.)

				E	IMEN	SIONS	S OF 1	IEAD.			PORTI		DIM	ENS	ION	S OF	NOS	E.	TIO	OPO NS C OSE	F	ST	ATUR	E.	REL	ATIVE F ROC	PROI	MINE NOSI	NCE E.
subjects.	Name of Tribe or Caste.	Language or Dialect.	Locality.		TH (GL			READT			EPHALI INDEX.		НЕ	IGHT	•	Bre	ADTI	ī.	Nasa	L In	DEX.				l orbital (average).	asal arc age).		TO-NA	SAL
Number of				Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	External or breadth (av	Bi-orbito nasal a (average).	Average.	Maximum.	Minimum.
19	Māchhi	Punjābī .	Punjāb.	188.4	196	182	136.3	147	127	72.3	76	68	49.8	53	46	34.9	41	31	70.0	82	62	1699	1828	1600	112.1	131.0	116.8	125	110
120	Rājput	Rājasthāni	Rajputānā	192.5	213	180	139.4	151	127	72.4	81	64	51.5	61	43	36.7	44	31	71.6	91	53	1748	1924	1654	108.5	128.0	117.9	129	107
13	Gujar	Punjābī .	Punjāb.	192.6	205	185	139.6	148	133	72.4	78	68	50.3	55	47	33.7	39	31	66.9	78	60	1703	1778	1650	112.7	130.6	115.8	123	111
27	Arora	Ditto .	Ditto .	190.7	206	177	138.6	149	130	72.6	8 t	67	49'7	54	47	35.4	42	30	71.5	81	60	1658	1803	1574	111.5	129.5	116.1	121	110
80	Sikh (Jāt) .	Ditto .	Ditto .	190.5	203	172	138.4	152	127	72.7	81	66	50,1	61	45	34.2	41	30	68.8	85	56	1716	1905	1625	113.6	1 32.5	116.6	125	110
100	Meo	Rājasthāni	Rajputānā	189.5	204	178	138.4	147	126	73.0	81	67	50.4	60	43	38.1	46	32	75.5	92	59	1690	1852	1536	106.4	121.2	113.9	123	107
100	Mina Zamindār	.Ditto .	Ditto .	192:4	207	174	140.6	155	132	73 ° O	83	67	51.5	59	41	38.1	44	32	74.4	91	61	1713	1850	1606	108.0	124.4	115.1	123	107
100	Mina Chaukidār	Ditto .	Ditto .	189.9	207	176	139.1	150	130	73.2	81	6r	51.0	59	44	37.8	44	32	74.3	96	61	1703	1820	1570	108.5	125.4	115.5	125	107
80	Chuhra	Punjabi .	Punjāb.	186.4	200	171	137.1	152	127	73'4	82	68	48°0	56	45	36.1	45	31	75.2	94	60	1666	1803	1524	112.2	129.4	115.3	123	108
60	Khatri	Ditto .	Ditto .	185.7	200	172	137.5	150	128	74.0	86	66	48.8	58	44	35.7	42	30	73.1	95	59	1662	1803	1574	111.9	126.6	113.1	122	106
33	Awān	Ditto .	Ditto .	188.8	201	175	140.2	147	130	74.4	80	70	50.7	5 <i>7</i>	44	34'9	39	30	68.8	79	55	1706	1828	1600	113.0	131.3	110.1	125	110

SUMMARY OF MEASUREMENTS.

SCYTHO-DRAVIDIAN TYPE.

BOMBAY AND COORG. (De order of Cephalic Index.)

ects.					DIMENSIONS OF HEAD. ENGTH (GLA- BREADTH					OPC NSC EAD	\mathbf{F}	DIM	ŒNS	SION	SOF	NOSI	E.	PRO TIO			ST	ATUR	E.			PROI OT OF			
r of subjects.	Name of Tribe or Caste.	Language or Dialect.	Locality.		GTH ((EAD			HAI DEX.		НЕ	IGHT		Bri	EADTI	н.	Nasai	LIND	EX.				bi-orbital (average).	to nasal arc rerage).		TO-NA	
Number				Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	External bi Breadth (a	Bi-orbito na averag	Average.	Maximum.	Minimum.
100	Deshasth Brahman .	Marathi .	Poona, Satara, Ahmednagar	185.4	198	170	142.7	157	131	76.9	88	68	48.9	56	42	38.8	44	34	79:3	08	69	1642	1750	1486	116.6	125'6	116.3	127	105
100	Mahār	Marathi .	Poona .	181.6	195	165	140.0	152	129	77.0		69	47.2	53	41	38.7	46	33	81.0		70	1634		i .	113.0			125	108
100	Kokanasth	(·		_				-77 -	33	••	30 7	40	33	019	90	,.	1034	1/92	1490	1139	1300	4 0	-23	100
	Brahman (Chitpavan).	Marathi .	Bombay and Poona .	186.4	202	170	144.5	155	122	77:3	85	70	49:3	5 <i>7</i>	41	37*8	43	31	76.6	93	60	1655	1813	1512	116.0	134'2	115.6	124	
100	Kunbi	Marathi .	Poona	180.1	197	165	139.4	156	130	77.4	92	69	47'9	54	40	37*9	42	33	79.2	93	67	1600	1776	1420	113.5	129.5	114.2	124	104
100	Koli (Sōn) .	Koli Dialect.	Thana	185℃	201	171	143.5	159	134	77:5	85	71	49 ° 6	57	42	37'9	47	31	76.4	93	62	1601	1760	1482	114.2	129.5	113.1	122	104
100	Marātha	Marathi .	Poona	181.3	195	166	142'1	158	127	78.3	89	69	47.8	5 <i>7</i>	38	38.3	48	33	80.1	108	66	1632	1770	1476	114.9	133.1	115.8	132	107
100	Shenvi Brah- man	Marathi .	Bombay city	186.3	201	170	147'1	160	132	79°0	92	/ 1	50.3	59	42	37.6	43	33	74.7	95	63	1648	1774	1481	112.0	129.5	114.7	124	104
127	Vania	Gujerati .	Ahmedabad	183.0	202	170	145.2	156	135	79'3	88	70	49.9	59	35	37.8	49	31	75.7	ю	61	1612	1732	1489	113.1	131.5	116.3	128	108
100	Nāgar Brahman	Gujerati .	Ahmedabad	184.4	202	151	147:1	166	132	79'7	90	71	50.7	16	44	37.1	44	31	73.1	90	57	1643	1788	1513	114.1	133.5	116.4	124	to8
100	Prabhu	Marathi .	Satara, Poo- na, Bombay (city), Thana	184.3	198	170	147.2	158	131	79.9	89	70	50'1	58	44	38.0	45	32	75.8	93	60	1627	1814	1504	113.0	128.2	113.7	121	106
32	Coorg*	Kodagu .	Coorg	184.0	195	168	147.0	154	138	79'9	89	74	51.2	57	46	37.0	40	32			61	1687	i .		-	1	1200	130	108
i					Dı	'avi	dian	. Fo	res	t No	ma		in	Sc	ytl	10=[) Ora	vi	i dian	T	rae	ı ct.			,				
	Kātkari	Kätkari .	Thana	178.8	199	160	133.0	143	126	74.3	82	68	44.0	52	37	38.7	45	31	88.0	111	70.	1584	1690	1438	107.8	121.3	112.4	121	104

^{*} T. H. Holland, A.R.C.S., F.G.S.

APPENDIX IV.

SUMMARY OF MEA-UREMENTS.

SCYTHO-DRAVIDIAN TYPE.

MADRAS (DECCAN). (In order of Cephalic Index.)

[E. THURSTON, ESQUIRE.]

				I	DIMEN	SIONS	S OF	HEAD			PORT: F HE			DIME	NSION	IS OF	NOSE			PORT F NOS		ST	ATUR	Ε.
subjects.	Name of Tribe or	Language or	Locality.		тн (Gl.			ADTH TREME		Серн	alic I	NDEX.	I	leight	•.	В	READTI	ι.	Nas	AL ÎN	DEX.			
Number of	Caste.	Dialect.		Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum,	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum	Minimum.	Average.	Maximum.	Minimum.
40	Madiga	Telugu	Bellary	183	200	172	140	154	130	76.2	83.3	68.0	46	51	40	35	39	32	77.5	91.1	66.7	1629	1734	1522
25	Brahman (Deshasth).	Canarese .	Bellary	187	202	180	144	152	132	77.0	83.4	71.0	48	54	44	36	42	32	75.8	87.2	66·o	1634	1750	1514
30	Mala	Telugu	Bellary	184	198	168	142	148	I 34.	77.1	85.9	70.3	48	52	44	36	41	34	76.5	93.5	66.7	1639	1750	1538
25	Sadaru Lingayat .	Canarese .	Bellary	182	200	170	141	152	134	77.7	87.0	65.0	48	53	42	35	40	32	73.4	88.9	60.4	1658	1745	1522
25	Komati	Canarese	Bellary	182	194	170	143	152	133	77.9	88.3	72.2	47	53	43	36	43	32	77.8	100.0	65.3	1610	1683	1532
40	Bidar	Telugu	Bellary	, 184	200	168	143	152	132	78.1	85.3	70.8	46	48	43	36	40	34	79.4	91.0	65.2	1654	1766	1560
30	Linga Banjigaru .	Canarese	Bellary	182	194	166	142	150	1 34	78.3	87.9	73'7	47	52	43	35	38	31	74.6	86.4	61.2	1656	1730	1578
30	Padma Sale	Telugu	Bellary	178	190	165	141	151	132	78.7	86.3	72.8	47	53	41	35	38	32	73.5	83.7	61.2	1599	1714	1538
50	Kuruba	Canarese	Bellary	181	196	170	142	154	134	78.9	88•4	72.9	47	52	41	35	42	30	74.9	92.2	63.3	1627	1754	1474
30	Jangam (Lingayat)	Canarese	Bellary	181	196	166	143	152	132	1	86.8	70.4	47	52	42	35	38	31	74.2	88-1	64.7	1651		1576
30	Rangari	Mahrathi	Bellary	181	198	168	145	154	138	79.8	92.2	70'7	49	52	46	36	.41	33	73.6	84.1	63.2	1613		1544
30	Togata	Telugu	Bellary	177	190	162	142	148	1 36,	80.0	88.1	73.7	47	50	42	36	46	33	77.5	93.9	68.8	1605	1689	1514
20	Ganiga	Canarese	Bellary	180	IQI	166	144	152	140	80.2	86.7	74.2	48	53	44	35	38	32	73.7	84.4	62.7	1643		1550
20	Devanga	Canareșe	Bellary	180	196	170	145	155	186	80.8	87.1	74'7	47	52	43	35	38	32	74.6	80.0	65.3	1618	1686	1546
30	Suka Sale	Mahrathi	Bellary	`	188	166	145	150	134	81.8	88.3	76.1	47	51	43	35	40	. 32	74.8	86.1	62.3	1611	1700	1478
30	Sukun Sale	Mahrathi	Bellary	176	190	160	144	154	136	82.2	90.0	73'9	47	52	41	35	38	31	74.8	84.4	61.2	1603	1676	1525

SUMMARY OF ME SUREMENTS.

DRAVIDIAN TYPE.

MADRAS, CHOTA NAGPUR, MEWAR AND CHYLON. (In order of Nasal Index.)

	<u> </u>		MADICAS, OHO		·			HEAD.	×		PORT	IONS	1	DIMEN					PRO	PORT	IONS	er	ATUR	E.
subjects.					TH (GL		Π.	EAD.	TH	-	F HEA						_			F NOS				
		Language or Dialect.	Locality.		CCIPIT		(Î	EXTREM	E.H	СЕРІ	IALIC I	NDEX.		Неіснт	·• 	Bri	EADTH	i. 	NAS	AL IND	EX.			
Number of	TRIBE OR CASTE.	Date.		Average.	Maximum.	Minimum.	Average.	Махішиш.	Main un.	Average.	Maximum.	Minimuh.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum,
4 0	Lambādi Kannādiyan	Gujerāthi Canarese	Mysore Chingleput	184 184	197	166 166	139 140	148 156	128 128	75'4 76'5	83·5 90·4	68.7 69.0	49 47	55 53	43 40	34 34	39 38	29 29	71.2 69.1	83.7 88.9	59 . 5	1645 1631	1768 1724	1520 1504
30	(Lingāyat). Syrian Christians, Southern.	Malayālam	Travancore	189	202	179	141	150	100	74.8	81.8	69.3	49	53	42	35	40	30	71.6	88.9	60.0	1648	1724	1560
40	Syrian Christians, Northern.	Malayālam	Travancore	187	200	172	143	152	1 B)	76.3	82.8	72.6	49	52	43	35	40	31	72.3	87.0	62.3	1653	1780	1540
40	Muhammadan: Shekh.	Hindustāni : Tamil	Madras City	183	200	167	138	145	28 	75.6	81.6	71.5	48	54	44	35	40	30	72.4	87.0	60.0	1646	1748	1538
	Muhammadan: Pathān.	Hindustāni: Tamil Tamil	Madras City	185	196	172	142	152	133	76.2	81.1 83.1	71.1	48	53	42	35	42	30	73.0	88.1	57.7	1644	1776	1556
40 40	Velläla	Hindustāni : Tamil	Madras City	185	196	177	138	146		75.6 74.1	84.9	68 ·2	47 48	51 56	42 43	34 36	43 42	30	74'0	91.3 91.2	61.5 60.8	1624 1644	1728 1853	1532 1538
40 40 40	Agamudaiyan Tiyan Mappila (Moplah.)	Tamil	Chingleput Malabar Malabar	189 189	200 203 200	178 178 180	139 137 137	146 149 146		74.0 73.0 72.8	80°9 78°7 78°5	66.7 68.5 68.0	48 47 48	53 52 53	43 42 42	35 35 36	43 40 40	30 31 32	74.5 72.0 72.5	88.3 82.4 88.1	60.0 61.2 64.0	1658 1641 1648	1756 1716 1744	1536 1552 1450
40 25	Badaga Brahman: De-	Canarese	Nilgiri Hills Bellary	189 187	202 202	180 180	136 144	145 152		71.0	77°5 83°4	21.0	46 48	51 54	41 44	34 36	39 42	32 32	75.8 75.8	88·4 87·2	62 . 7 66.0	1641 1634	1802 1750	1540 1514
25 40	shastha. Brahman: Pattar Brahman: Tamil	Malayālam Tamil	Malabar Madras City .	188	203 199	172 173	140 142	151 152		74°5 76°5	81.4 84.0	69.0 69.1	47 47	51 55	42 41	36 36	41 39	32 30	76·5	95.1 92.3	64.7 60.0	1643 1625	1750 1746	1534 1530
175 60	(poorer classes.) Nāyar Cheruman	Malayālam Malayālam	Malabar	192 184	206 319	170 171	141 135	155		73°2	86·4 81·9	65.0 67.7	47 45	55 51	40 40	36 35	44 40	29 29	76·7	88.3 88.3	56·9	1651 1566	1808 1674	1511 1458
25 40	Kota	Canarese	Nilgiri Hills	192	202	183 174	142 138	151		74.1 74.1	79·I	69.1	45	50 50	4I 4I	35	4 41	31 32	77.3	92.9	64.0 68.3	1619 1625	1742	1555
50 40	Malaiāli Palli Chakkiliyan	Tamil	Shevaroy Hills Madras City	183 186 186	193 196 198	170 174 176	137 136 139	144 146 152	80 K 80 K	74'4 73'0 74'7	82.8 80.0 80.9	64.4 61.0	46 46 46 46	52 51 52	39 41 40	35 35 36 36	4I 4I 4I	30 31 32	77.8 77.9 78.2	95.1 92.0	63.8 60.8 64.0	1639 1625 1622	1732 1694 1745	1532 1510 1503
100	Shanan Karuku- pattayar	Tamil Malayālam	Tinnevelly Travancore	189	198	176	145	154	134 130 137	76.6	85.4	70'4	47	52	41	37	43	33	79.3	104.9	68.0	1701	1828	1586
25 30 40	Pulaiyan Shanan Nattati Parayan (Pariah) .	Tamil	Tinnevelly	183 189 186	193 198 197	170 178 170	139 144 137	150 156 145	137	76·8 76·3	83.0 83.2 78.3	72.3 70.8 64.8	44 46 45	50 52 51	40 41 41	35 37 36	40 40 45	33	79.8 80.0	92.4 93.0	68.0 70.8 66.0	1530 1701 1621	1626 1808 1714	1434 1622 1494
40 40	Irula Mukkuvan	Tamil	Chingleput Malabar	184	196 204	170 176	135 142	144 152	130 138 134	22.I	78.6 83.5	68 · 4 68 · 6	45 47	50 51	40 42	36 38	41 44	32	81.0 80.0	90.2	70.0 62.2	1599 1631	1668 1778	1502 1508
25 25	Kanikar Irula	Malayalam	Travancore Coimbatore	185	194	178	136	142	1 30 1 34	73.4 75.8	78·9	70.8 1.69	44 44	47 48	39 41	37 37 36	43 43	34 32	84.6	100.0	72.3 23.3	1552 1598	1703 1680	1502
25 23	Māla Vedar Malasar	Malayalam	Travancore Coimbatore	185 182	196 192 193	174 173	136	146	130 124	73'4	80°9	69.8 70.0	43 43	47 48	38 40	38	40 42	34	84.9 87.2 89.6	102.4	1 2	1542	1638	1408 1528 1500
22 25 25	Yeruva Kadia Paniyan	Tamil	Anaimalai Hills . Malabar	184 183	194	172	134 134 136	140 138 149	125	72.9	81.1 80.0 85.0	69'I 68'4	45 43 43	48 48	37 38 33	39 38	45 45 42	37 32 32	89.8	115.4	72.9	1587 1577 1574	1680 1694 1716	
i 					,			Ceyl)1 /2	nd S	uthe	rn I	ndia.	ļ		İ								·
22	Moormen	•••••	Ceylon and Southern India	182	193	169	144	155	#31	79.1	90.0	70.0	48	52	42	39	42	31	80.4	950	62.0	1625	1752	1510
		-					 	`]	i.	Rajp	ı		l											
200	Bhil	Bhil	Mewar (Rajputana)	181.3	198	166	138.7	149	1 30	76.5	84	68	44.8	52	37	37.7	45	30	84.1	105	63	1629	1764	1476
						i	Cho	ta Na	&pı	ır an	d We	steri	а Вет	ngal.										
20	Dom	Bihāri	Lohardaga Manbhum	184.7 185.6	194 202	173 167	140'4	148	130		84	69 66	48.9	55	43 38	38·7	41 47	36	79°1	91	72 69 66	1626 1608	1720 1720	1540 1500
100 20 9	Kurmi	Bengali		185.0	195	174	138.9	144 146	128 129	75.0	83 81 81	71	47°2 46°1 45°5	53 51 48	40	38·8 38·8	47 44 44	35 31 36	84.1	98 94	66	1603	1716	1500
2 29	Birhor Chik	Kharia	Ranchi Lohardaga	185.5	186 197	185 179	142.0	148 148	134 136 131		80 80	73 74 69 67 67	47.5	49	43 46 40	40.2	41 46	40 36	85.5	87	84 78	1643 1589	1680	1606
100	Orãon	Kurukh Bhumij: Bengali .	Lohardaga Manbhum	184.6 185.9	198 203	165 162	139.9	158	131	75'4	87 84	67	46·2	53 53	40 38 40	39.8	47 47	34	86·1	113	72	1621 1592	1744	1480
73 4	Lohār Chero	Bihāri	Lohardaga	186.1	195	173	140.3	151	131	75.3	84 74	70	45'9	55 50	39 39	38.0	49 39	33	86.7	95	76	1621 1584	1680	1500
. 78	Binjhia	Bihāri	Lohardaga Lohardaga Lohardaga	182.7 184.4 183.0	198	174 170 167	137.4	140 150 148	130	74.5	81	70 69 67 69 68	43.3	51	40 33	38·2 40·1 39·6	42 45 45 48	35	88.2	98 118 113	1	1594	1700	1480
100	Bhuiya	Bihāri . Santāli . Bihāri .	Santal Parganas . Lohardaga .	184.8	201	171	140.7	153	131	76.1	85 88 87	69	44.6 45.7 45.0	53	37 40 30	40.4 40.4	45 48 47	35 35 31	88.8	110		1577 1614 1605	1770	1510
100 100 21	Munda	Mundāri Korwāri	Lahardaga Lohardaga	185.5	200	169	138.6	150	130	74.5	81	69	44.0	50 48	39 36 41	40.2	50	33 36	89.9	112	74	1589	1718	
100	Mal Pahāria Māle	Bengāli Mālto	Santal Parganas . Santal Parganas .	183.4 183.6	198	169 166	139.1	147	129	75.8	82 82	71 69	44°I	55 49	41 36 38	41.0	48 48 49	35 35 39	92.9	110	71	1577	1726	1450
2	Asur	Asur or Agaria .	Lohardaga	187.0	193	181	138.2	141	130	74.0	75	73	42.2	47	38	40.2	42	39	95.9	103	89	1630	1656	1604

APPENDIX IV.

SUMMARY OF MEASUREMENTS.

ARYO-DRAVIDIAN TYPE.

UNITED PROVINCES, BEHAR AND DEYLON. (In order of Nasal Index.)

				DIMENSIONS OF HEA). OF	DIM	ENS	ION	s of	NOSI	E.	TIC	OPOF ONS (OSE.		ST	AT UR	E.			E PRO		
	e of Tribe	Language or Dialect.	Locality.	ty. (Glabello- Occipital). (Extreme). INDEX.					Н	IGHT.		Bre.	ADTH		Nasai	L IND	EX.				bital rerage).	sal arc		ITO-N			
Number of s	Caste.	Dialoca		Average.	Maximum. Minimum.	Average.	Maximum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	External orbital breadth (average).	Bi-orbito nasal (average).	Average.	Maximum.	Minimum.
67 Bral 59 Bral 600 Kay 600 Goa 600 Kay 600 Goa 601 Kur 605 Kur 605 Kur 605 Ban 606 Kah 607 Barl 600 Mag 600 Mag 600 Bha 600 hman	Eastern Hindi. Bihari Do. Eastern Hindi. Western Hindi. Western Hindi. Western Hindi. Eastern Hindi. Eastern Hindi. Eastern Hindi. Do. Bihari Western Hindi Eastern Hindi Do. Bihari Western Hindi Eastern Hindi Do. Eastern Hindi Do. Do. Bihari	United Provinces Behar Do United Provinces Do Behar United Provinces Do United Provinces Behar United Provinces Behar United Provinces Do Ceylon Behar United Provinces Do	1878 1878 1878 1878 1864 1883 1818 1869 1840 1840 1872 1861 1852 1843 1853 1846 1848 1849 1847 1834 1847 1834 1847 1852 18552	198 178 202 171 202 171 202 171 202 171 202 171 203 173 195 165 200 176 200 177 200 177 201 176 201 176 201 176 201 176 201 176 201 176 201 176 201 176 201 176 201 176 201 176 201 176 201 176 201 176 201 176 201 176 201 176 201 176 201 177 206 177 206 177 206 177 206 177 206 177 206 177 206 177 206 177 206 177 206 177 206 177 206 177 206 177 206 177 206 177	140.8 144.1 135.4 141.2 135.4 141.2 135.4 141.2 134.2	156 I 161 I 152 I 154 I 160 I 152 I 149 I 141 I 152 I 147 I 145 I 154 I 154 I 154 I 155 I 147 I 156 I 157 I 158 I 15	28 73:30 74:30 74:30 74:30 74:27 73:27 73:27 73:28 73:28 73:20 74:30 75:28 73:28 73:28 73:28 73:28 73:28 74:20 74:	840 840 840 840 840 841 841 841 841 841 841 841 841	70 64 64 66 66 66 66 66 66 66 66 66 66 66	42.9 43.1 43.2 44.4 45.0 45.0 44.0 46.8 43.4 46.7 41.7 41.6 41.7 41.6 41.7 41.2 41.0	52 56 58 53 52 56 53 56 53 56 53 56 57 57 56 58 58 58 58 58 58 58 58 58 58 58 58 58	40 40 40 42 35 32 40 40 37 38 32 40 35 40 37 33 40 35 40 37 33 33 40 40 35 37 37 38 38 38 38 38 38 38 38 38 38 38 38 38	34.5 36.1 34.7 34.7 33.5 35.7 33.5 35.7 33.5 35.7 33.7 35.7 36.7 36.7 37.7 37.7 37.7 37.7 37.7 37	41 43 43 44 44 45 43 40 39 42 41 45 42 42 42 44 45 46 48 40 44 43 44 45 46 44 47 48 48 49 49 49 49 49 49 49 49 49 49 49 49 49	31 31 328 30 229 228 330 30 30 30 30 30 30 30 30 30 30 30 30	73.0 73.0 74.6 76.7 778.1 78.5 779.6 779.6 881.9 82.2 2.3 82.4 82.6 83.3 84.6 85.7 79.6 86.1 87.7 88.1 88.2 88.2 88.3 88.3 88.3 88.4 88.6 88.7 88.7 88.7 88.7 88.7 88.7 88.7	91 93 90 100 100 97 106 98 98 98 102 106 103 105 100 109 93 100 114 103 100 95 117 117 115 109 111 115 109	60 62 60 62 71 64 64 60 60 68 65 60 62 65 60	1660 1661 1662 1659 1648 1642 1630 1630 1642 1614 1624 1624 1624 1612 1620 1620 1630 1642 1650 1620 1632 1642 1650 1632 1642 1655 1659 1659 1659 1659 1659	1727 1790 1760 1879 1780 1879 1778 1778 1764 1965 1766 1772 1752 1770 1770 1686 1752 1770 1778 1826 1778 1778 1778 1778 1778 1778 1778 177	1574 1544 1540 1422 1498 1502 1498 1524 1520 1349 1473 1510 1574 1498 1473 1496 1498 1473 1496 1498 1498 1498 1498 1498 1498 1498 1498	114.0 112.6 111.9 134.5	II2'3	114'2 112'5 112'8	119'0	103%	

SUMMARY OF MEASUREMENTS.

MONGOLO-DRAVIDIAN TYPE.

BENGAL AND ORISSA. (In order of Cephalic Index.)

*Personal				DIM	ENS	ions	s of	HEA	ND.	PROPO OF H	RTI(O N :	DIM	ENS	ION	S OF 1	NOSI	E.	PROPOI OF N			ST	ATUR	E.	RELA		PROMI		E OF
subjects	NAME OF TRIDE	Language or	Locality.	(GL	ENGT ABELI (PITA	LO.		BADT: FREM	1		HALIG		H	IGHT		Bri	EADT	н.	Nasal	Indi	EX.				l breadth	al arc		ITO-NA NDEX.	SAL
Number of su	OR CASTE.	Dialect.		Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	External orbital (average)	Bi-orbito nasal (average).	Average.	Maximum.	Minimum.
100 88* 99 12 41 100 48 27 100 185 67 100 32 68 20	Kochh (Rajbansi) Kochh (Rajbansi) Bagdi Mal Goala Kaibarta Sadgop Muchi Pod Muhammadan Chandal Kayastha Brahman Rajbansi Magh	Rajbansi Do. Bengali Do. Do. Do. Do. Do. Do. Do. Do. Do. Do.	Bengal, 24-Parganas Eastern Bengal Bengal, 24-Parganas Eastern Bengal Do. Bengal Western Bengal Eastern Bengal	182.7 183.0 183.8 182.3 182.6 182.9 183.2 182.8 183.2 182.4 182.2	202 201 191 198 198 190 198 199 201 195 195	165 172 166 170 166 168 170 172 168 166 169 171	141'1 142'1 142'0 142'4 142'7 143'1 142'8 142'6	152 146 153 152 150 151 155 156 151 155 151	130 135 131 129 132 133 130 131 131 129 135	75-2 76-7 76-3 77-3 77-3 77-6 77-6 77-7 78-1 78-2 78-2 79-0 83-0	84 87 83 88 86 87 86 85 88 88 88 88 88 89 88	71 68 71 70 70 70 70 70 70	48°9 45°0 46°7 49°0 48°0 49°1 49°1 49°1 49°1 49°1 49°1 49°6 50°2 49°9	57 52 55 55 55 55 55 55 56 56 57 57	44 37 39 42 43 42 41 40 43 42 40 36 43	37.5 36.0 37.6 40.0 36.4 36.7 36.8 37.4 38.7 35.3 35.3 35.3 35.3	45 49 45 46 40 43 43 43 45 42 41 40 42 46	32 30 33 31 32 32 32 32 32 32 32 32 33 32 33 32 33 32 32	76.6 80.0 80.5 84.7 74.2 76.2 73.9 76.1 77.5 73.9 70.3 71.9 70.3 74.9	92 109 100 100 87 103 98 88 91 96 89 100 85 88	67 62 70 63 55 63 64 62 56 56	1,591 1,603 1,622 1,646 1,629 1,633 1,641 1,625 1,634 1,619 1,636 1,670	1,722 1,730 1,746 1,770 1,780 1,742 1,850 1,760 1,734 1,810	1,502 1,434 1,520 1,500 1,490 1,510 1,536 1,490 1,500 1,472 1,544 1,550 1,474	100°0 106°0 99°6 113°2 112°3	115.0 110.0 110.0 111.1 128.6 128.1 	110.0 112.2 111.5 113.6	121 121 118 118 121 	104 93 106 104 106
43 26 45 59 52 38 40 40 40 41 41 41	Karan Niari Teli Chasa Shashan Brahman Kewat Khandait Bauri Mastan Brahman Pan Gaura Panda Brahman Kandra Guria	Oriya	Puri Cuttack Puri Cuttack Puri Cuttack Puri Cuttack Do. Do. Puri Cuttack Do. Puri Cuttack Do. Puri Cuttack Do. Puri Cuttack Puri Cuttack Puri Cuttack	186·1 185·0 184·0 183·9 182·9 183·4 183·6 180·4 183·8 182·2 182·8 182·3 182·6 182·9	193 196 196 195 198 197 193 197 198 195	170 166 169 171 173 171 165 169 161 166 171 168	140·8 141·9 141·9 142·0 139·6 142·7 141·5 142·1	151 150 151 155 157 153 149 154 154 151 152	129 128 131 133 130 132 130 130 132	76.2 76.4 75.6 77.1 77.3 77.3 77.3 77.6 77.6 77.6 77.8	84 87 83 84 90 86 84 86 90 88 88 93		47.7 46.8 47.1 47.5 47.5 47.0 48.0 45.5 46.6 48.4 48.4 49.6 48.4 49.6	55 55 55 55 55 55 55 55 55 55 55 55 55	39 39 41 40 40 38 40 39 42 41 40 41	38·8 37·7 36·5 37·7 37·8 38·3 38·0 38·3 37·2 37·1 37·9 37·3	44 42 42 47 45 44 48 45 43 44 42 45	32 31 33 32 34 33 31 33 27 32 33 31	79'3 82'1 76'8 77'4	100 100 95 95 98 98 113 100 100 96 100 93	63 66 60 66 70	1,638 1,611 1,619 1,615 1,635 1,611 1,645 1,585 1,642 1,607 1,627 1,627 1,625 1,606	1,756 1,794 1,752 1,748 1,716 1,728 1,686 1,755 1,748 1,748 1,750 1,722	1,469 1,500 1,450 1,498 1,500 1,529 1,476 1,468 1,462 1,510 1,558	107.9 107.8 108.2 109.2 108.3 109.5 110.6 110.0 110.3 109.5 111.7	123.5 127.4 123.7 126.9 124.2 129.5 124.1 126.0 126.9 127.8	113.8 115.7 111.4 116.6 114.2 115.8 112.6 171.0 112.8 114.2 115.8 114.2	126 120 123 121 123 121 123 117 120 119 122 124 121	102 107 108 109 110 108 104 112 107 108 107

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SUMMARY OF MEASUREMENTS.

MONGOLOD TYPE.

HASTERN HIMALAYA, CHITTAGONG HILL TRACTS, AND ASSAM. (In order of Orbito-Nasal Index-Risley.)

1		·										į,	4			, ,	J1 (1)	<u> </u>	OFBIG	O-14 S	- Local	THUE	V18	16 y .)					
:	:			DI	MEN:	SION	S OF	HE	AD.	PROPO OF I	RTI IEA	ONS D.	DI	MEN	SION	is of	NOS	SE.	PROPO OF 1			ST	ratur	Е.	REL	ATIVE ROO	PROM	IINEN IOSE.	CE OF
subjects.	NAME OF TRIBE OR CASTE.	Language or Dialect	Locality.	(GL	INGTI ABELI IPITA	LO-		BADT TREM		CRP Inj	HALIOEX.	C .	Н	EIGH	т.	Br	BADT	н.	NASAI	Ind	EX.				l breadth	arc		INDEX.	
Number of sul	ł 	or Dialect		Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Mir muma.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	Average.	Maximum.	Minimum.	External orbital (average).	Bi-orbital nasal arc (average).	Average.	Maximum.	Minimum.
17 100 100 17 50	Kuki* Chakma Chakma Ao* Limbu Magh	Rangkhol Tipura . Tipura . Ao . Limbu . Magh . Kiranti	Rangamati Rangamati Rangamati Chittagong Naga Hills Nepal Rangamati	187.0 177.9 181.0	195 195 186 187 193	176 162 177 170 170	144°0 153°1	151 161 156 153 167	137 134 135 137 140	76·2 76·4 84·3 79·5 80·4 84·3 81·5	81 82 96 87 85 94 95	74 77 74 76	46.7 5 45 47.2 44 44 50.2 47.5	52 49 53 49 49 57 55	43 41 41 39 37 37 38	39.7 41 39.9 40 36 37.2 39.4	43 45 46 45 41 43 48	34 38 30 38 31 33 34	85.0 91.1 84.5 90.9 81.8 74.1 82.9		70	1566 1587 1595 1597 1566 1603 1599	1670 1696 1639 1648 1734	1506 1508 1490 1546 1504 1450	100.0 104.0 101.3	105°7 121°0 107°8 117°0 111°0 116°7 108°0	106.4 113.5 106.7 106.9	110 113 112 121 112 113 113	102 105 102 107 101 104 102
32 11		(Khambu) Kiranti .	Nepal Ilam (E. Nepal) Dibrugah (Assam)	182°4 176°0	194 182	169 171	147·8 145·0	160 153	130	81.0 82.3	93 88	75 77	50°0 42	57 44	45 39	38·3	42 40	33 35	76·6 85·7	91 98	63 82	1571	1656 1606	1416 1512	107.2	1150	107.1	113	103
58 18 57	Ar-leng (Mikir)*.	Khamti. Tipura . Mikir Lepcha . Rangor	Bor-khamli Rangamati Kamrup (Assam) Sikkim	181'4	193	167	148°0 146°1 141°0 146°7	160 151	136 138	79°1 80°5 77°9 79°9	83 92 82 90	75 74 74 73	47 47 47 51.6	51 59 58 60	44 40 42 42	38 39'9 40 34'7	41 45 47 41	36 35 34 33	80.8 84.7 85.1 67.2	91 105 102 83	75 68 67 59	1641 1611 1633 1570	1695 1712 1703 1690	1575 1486 1558 1490	100.0	111.0	107.6	110 112 114 113	105 103 104 103
36	• • • • • • • • • • • • • • • • • • •	Lepcha.	Sikkim Kasia Hills	1800	193	167	145.0	157	133	80.2	88	73	46	51	40	36	42	32	78.3	91	67	1584	1684	1449	102.0	108.0	105.8	119	92
81		Kasi . Mrung	(Assam) .	183.0	193	171	144'0	151	133	78.6	84	72	44	52	36	38	45	33	86.3	108	73	1569	1700	1417	100.0	115.0	108.4	119	101
35	Murung Mangor	Tipura . Magar .	Chittagong Nepal N. Lakhimpur	185.4 183.6	189 201	182	142.0	152 156	135	79.0 76.2	82 91	73 72	49.0 49.6	51 56	47 40	37.6 38.0	40 44	36 34	76.6 76.1	81 98	73 61	1582 1587	1636 1680	1536 1508	100·2 106·4			115 116	103
7	Dafla*	Dafla .	(Assam) Nepal and Darjee-	183.0	189	178	141.0	146	138	77.0	81	73	44	48	40	37	42	33	84.0	93	78	1606	1708	1532	103.0	112.0	108.7	114	104
65 9 108	Bhotanese*	Murmi . Bhotia . Bhotia .	ling Pato (E. Himalaya)	189.0 183.0 188.0	188	176	147'0	157	140	81.0 80.3 49.2	89 87 93	73 75 73	49.7 48 31.8	5 <i>7</i> 54 59	41 41 38	37.4 37 38.3	43 41 47	32 36 31	77.0	100 88 103	63 73 58	1669 1672 1633	1760 1747 1760	1611	110.0 110.0	120.0	100.0	113 115 120	105 105 103
10 33	Mech	Bhotia . Mech . Bodo .	laya). Goalpara (Assam).	182.0 182.0 181.0	203	171	147'0	153	143	81·3 79·0 78·4	86 84 84	787 71 737	45 43 42	49 45 50	42 42 35	37 39 37	41 43 49	36 38 33	82·2 90·6 88·0	118 100 111	76 84 72	1634 1643 1608	1748 1722 1734	1852	104.0 104.0	114.0	109.6	109 114 116	104 104 103
28 7 13 25 27	Abor Newar Mi-shing (Miri)*	Gurung. Abor. Newar. Miri. Khasi.	Nepal. Dihong valley Nepal. Sibsagar (Assam)	181·3 184·0 181·9 178·0 192·0	192 193 199	172 1 169 1	142°0 148°3 144°0	147 156 153	135 142 139	81.6 77.1 81.5 80.8 72.9	91 80 89 87 80	75	48·9 43 50·7 44 45	58 49 57 51 52	38 41 44 40 39	38·4 39 37·2 37 37	43 41 42 41 42	34 36 34 34 32	73°3	102 100 81 100	65 80 64 75 68	1698 1579 1614 1564 1612	1746 1628 1706 1700 1713	1490 1470	107.0 108.0 108.0	119.0 119.2	110.7	114 115 116 119 119	105 107 104 103 102
13	pho)*	Singpho. Ahom .	Bisha (Assam) . Sibsagar (Assam) .	176.0 185.0	192 185	173	140'0 145'0	146 154	137	75.6 82.3	81 91	773	47 44	56 49	40 38	38 36	42 41	29 33	81.8 80.8	95 90	60 73	1605 1589			103.0		111.2	128	104 104
34 30 16	Kachari)* Mande (Garo)* Chutiya* Kanet†	Kachari. Mande . Chutiya. Lahauli . Angami.	Garo Hills (Assam) Sibsagar (Assam) Lahoul	182.0 183.0 183.0 183.0	193 183 199	174 182 179	139.0 143.0 147.0	150 145 155	134 142 138	78.0 75.9 78.5 77.5 78.6	82 80 79 82 86	74 71 78 72 71	41	49 47 48 59 52	37 36 38 47 42	39 39 36 35 37	44 43 38 39 40	36 35 35 32 36	90.6 95.1 81.8 66.4 82.2	95 76		1605 1588 1591 1618 1639	1607	1512 1582 1450	102.0 103.0 103.0	114.0 124.0 112.0	112.2	128 119 119 123 120	104 102 106 105
60 6	ta' 'Naga')* Kanet†	Lhota Kulu Kachari.	Woka (Assam) . Kulu Gauhati (Assam) .	187.0 193.0 181.0	204	181 i :	143.0	TEAL	132	77°0 74°3 76°7	79 81 80	75 68 74	43 51 43	47 59 47	38 45 38	34 37 36	38 44 40	34 30 31	79°0 74°1 83°7	96	72 56 66	1654	1760	1560	101.0 0.101	1170	114.2 115.2 116.8	117 129 124	108 107 113

APPENDIX V.

INFANT MARRIAGE LAWS, MYSORE AND BARODA.

REGULATION No. X OF 1894.

(PASSED ON THE 5TH DAY OF OCTOBER 1894.)

A Regulation to Prevent Infant Marriages in the Territories of Mysore.

WHEREAS it is expedient to prevent Infant Marriages in the Territories of Mysore: His Highness the Maharajah is pleased to enact Preamble. as follows :---

Short title.

- 1. This Regulation may be called "The Mysore Infant Marriages Prevention Regulation."
- (2) It shall extend to the whole of the Territories of Mysore, but it shall apply only to marriages among the Hindus. It shall come into Extent and operation at the expiration of six months from the date commencement. of its publication in the official Gazette.

Definition.

Punishment for

infant marriages.

causing or abetting

- 2. For the purposes of this Regulation, an "Infant Girl" means a girl who has not completed eight years of age.
- 3. Any person who causes the marriage of an infant girl, or who knowingly aids and abets within the meaning of the Indian Penal Code such a marriage, and any man who having completed eighteen years of age marries an infant girl, shall be punished with simple imprisonment for a term which may

extend to six months, or with fine, or with both.

Punishment for a man more than fifty years of age marrying a girl under fourteen years of age.

- 4. Any man who having completed fifty years of age marries a girl who has not completed fourteen years of age, shall be punished with imprisonment of either description for a term which may extend to two years, or with fine, or with both.
- 5. Any person who causes the marriage of a girl who has not completed fourteen years of age, with a man who has completed fifty Punishment for years of age, and any person who knowingly aids and abetment of offence abets, within the meaning of the Indian Penal Code, such provided against in section 4. a marriage, shall be punished with simple imprisonment

for a term which may extend to six months, or with fine, or with both.

PEOPLE OF INDIA.

Offences under the Regulation by whom triable.

Validity of marriages notwithstanding the penalties provided by the Regulation.

No prosecution to be instituted without the previous sanction of Government.

- 6. No offence punishable under this Regulation shall be tried by any Court inferior to that of a Magistrate of the District.
- 7. No marriage which has actually taken place, shall be deemed to be invalid, on the ground of the penalties provided by this Regulation.
- 8. No prosecution under this Regulation shall be instituted without the previous written sanction of the Government accorded after such enquiry as the Government may deem fit to make.

ABSTRACT TRANSLATION OF

ACT No. VII OF SAMVAT 1960.

PASSED BY THE BARODA DURBAR.

(Received the assent of His Highness the Maharajah Sahib on Ashad Sudi 2nd, i.e., the 15th of July 1904.)

THE EARLY MARRIAGE PREVENTION ACT.

WHEREAS it is expedient to draw the increased attention of the public towards

Preamble.

physical training, whereby the future progeny may be healthy and long-lived, His Highness the Gaekwar has been pleased to rule as under:—

Title.

1. This Act shall be called "The Early Marriage Prevention Act."

Commencement.

- 2. This Act shall come into force on Ashad Sudi 9th Samvat 1960, i.e., the 21st July 1904.
- Definitions.
- 3. In this Code, the following words have the following meanings:—
- (1) "Minor" means-
 - (a) in case of a girl, one who has not completed her 12th year of age.
 - (b) in case of a boy, one who has not completed his 16th year.
- (2) "Early marriage" means the marriage of a minor girl or of a minor boy.

 The word "marriage" does not include a "Baybar" marriage or a marriage with a ball of flowers, or such other nominal marriages.
- (3) "Nyayadhish" means Nyayadhish of a Mahal, or who may be from time to time invested with the powers (of that officer).
- (4) The term 'Wahivatdar' includes Mahalkari also.
- 4. Whoever wishes to marry his minor son or daughter, or the minor girl or

What authorities of the State are to be applied to for permission to allow an early marriage. boy under his guardianship, shall submit a petition in writing to the Nyayadhish of the Taluka where he may be residing, or to that of the Taluka in which the intended marriage is to take place, for permission to allow the marriage Explanation.—There is no objection to a joint petition being submitted by both the parties in cases in which the girl and the boy are both minors.

The value of stamp on the application. 5. The petitions alluded to in the preceding Section must be written on a (Court-fee) stamped paper of Rs. 2.

Particulars to be embodied in the petition.

- 6. The petition mentioned in Section 4 must contain the following particulars:—
- (a) the names, age, and caste of the bride and the bridegroom;
- (b) the names of their father or guardian;
- (c) the date and place of the marriage, and
- (d) the mention, in full, of the difficulties likely to crop up in case the marriage does not take place.

Procedure to be followed on receipt of the application.

- 7. The Nyayadhish, on receipt of the application, shall take steps as under:—
- (a) he shall fix a date, within the period of 15 days, for the hearing of the petition;
- (b) shall appoint three gentlemen of the petitioner's caste, as assessors; and
- (c) shall issue summonses for their appearance in the Court, on the appointed date.
- 8. On the date of hearing, the Nyayadhish, assisted by the assessors, shall enquire into the petition, recording all such evidence as may be produced in its support, and shall dispose of the same by the end of the day.
 - (2) If the Nyayadhish and all the assessors present or any two of them be satisfied that in the event of the marriage not taking place on the appointed date,
 - (a) there is no probability of its celebration within one year after the bride or the bridegroom comes to age or that it will not take place at all, or
 - (b) it is likely that the parents or the guardian of the girl whose marriage is to be celebrated by them will not, owing to old age or infirmity, survive till she comes to age, and there is none else fit to take care of her besides them, or
 - (c) that unavoidable difficulties of a like nature are likely to crop up, the Nyayadhish shall grant written permission for the celebration of the marriage under his own seal and signature in accordance with the form laid down in the first schedule annexed to this Act.

Explanation.—The permission to be granted for reasons mentioned in sub-sections (b) and (c) should only be granted if the girl's age is above nine years.

(3) If permission for the celebration of an early marriage of a girl whose betrothal has taken place before this Act comes into force, be asked within three months after the passing thereof, the Nyayadhish should grant the necessary permission after satisfying himself only that the betrothal has taken place before this Act came into force.

9. In course of an enquiry held, or investigations made, for the purposes of this Act, neither the bride nor the bridegroom will be Physical examination not compulsory. compelled to be present for bodily examination or the bride for any other examination.

Procedure to be followed when the Court does not agree with the assessors.

- 10. (a) If the Nyayadhish does not agree with the assessors or with any two of them, the proceedings shall be referred with their opinions and reasons therefor, by the Nyayadhish to the District Judge.
- (b) The District Judge shall dispose of the same within a week, and if he thinks that permission should be given, the same shall be given by him in writing as laid down in Section 8.

The Suba to be supplied with a copy of the document granting the permission.

- 11. The Nyayadhish granting the permission shall, within eight days, forward to the Suba of the District, a copy of the document by which the permission applied for was granted by him.
- Punishment.

 Been given the required permission as laid down in Sections and 10, shall be punished with a fine which may not exceed Rs. 100.

Exception.—This provision does not extend to the bride and the bridegroom.

Period of time during which the offence can be tried.

- 13. None of the offences provided for by this Act shall be tried by the Court, after two years from the date of the marriage.
- 14. In all the towns, kasbas and villages of the Baroda State, the officials mentioned below shall keep a register of marriages as per the Schedule No. 2 and fill in the particulars as required by Section 15:
 - (a) In the city of Baroda The Municipal Inspectors.
 - (b) In the kasbas ... The Sudhrai Kamdar.
 - (c) In the villages or kasbas where there is no municipality. Village or villages administered in any other way: The Mulki Patel.
 - (d) In Inam village or villages administered in any other way ... The Mukhi, or Inamdar, or Administrator.
- (2) A copy of the registration (sub-section 1) shall be submitted before the 10th of the next month by the officials concerned to the Suba, through the Taluka Wahivatdar. Immediate information regarding marriages celebrated against the provision of this Act, shall be given to the Nyayadhish having jurisdiction.
- (3) The Suba on receipt of the copy (sub-section 2) shall submit annually a statement (Schedule No. 3) to the Sar Suba. It should be despatched within two months after the expiration of each year.
- (4) In the absence of any other orders, the Nyayadhish, to whom a copy of the register of marriages is sent according to sub-section 2, should understand that a complaint has been laid before him according to Section 12 of this Act and shal proceed to try the offence summarily in accordance with the provisions of the Code

of Criminal Procedure. The case however should not be handed over to the Police for investigations under Section 56 of the Criminal Procedure Code.

- (5) At the termination of the enquiries (sub-section 4) if any punishment be awarded, the same shall be communicated (as per Schedule No. 4) to the Suba within eight days.
 - 15. The father or the guardian of the bride shall report the marriage to the

All marriages must be reported.

officials concerned within eight days after its celebration and shall obtain from them particulars, as per the Schedule No. 5.

16. If the father or the guardian of the bride fails to give the information about the marriage as required by the preceding section, or gives false information in connection with the same, he shall be punished with a fine which may not exceed Rs. 10.

Punishment for not getting the marriages registered.

> 17. The responsibilities for the proper registration of marriages, as laid down in Section 14, shall rest with the Wahivatdar of the Mahal.

Responsibilities in connection with the registration of marriage.

> 18. An early marriage, if once celebrated, cannot be set aside.

The marriage cannot be set aside.

APPENDIX VI-

MODERN THEORIES OF CASTE.

Mr. Nesfield's theory."

If it were possible to compress into a single paragraph a theory so complex as that which would explain the origin and nature of Indian caste, I should attempt to sum it up in some such words as the following: A caste is a marriage union, the constituents of which were drawn from various different tribes (or from various other castes similarly formed), in virtue of some industry, craft or function, either secular or religious, which they possessed in common. The internal discipline, by which the conditions of membership in regard to connubial and convivial rights are defined and enforced, has been borrowed from the tribal period which preceded the period of castes by many centuries, and which was brought to a close by the amalgamation of tribes into a nation under a common sceptre. The differentia of caste as a marriage union consists in some community of function; while the differentia of tribe as a marriage union consisted in a common ancestry, or a common worship, or a common totem, or in fact in any kind of common property except that of a common function. Long before castes were formed on Indian soil, most of the industrial classes, to which they now correspond, had existed for centuries, and as a rule most of the industries which they practised were hereditary on the male side of the parentage. These hereditary classes were and are simply the concrete embodiments of those successive stages of culture which have marked the industrial development of mankind in every part of the world. Everywhere (except at least in those countries where he is still a savage), man has advanced from the stage of hunting and fishing to that of nomadism and cattle-grazing, and from nomadism to agriculture proper. Everywhere has the age of metallurgy and of the arts and industries which are coëval with it been preceded by a ruder age, when only those arts were known or practised which sufficed for the hunting, fishing, and nomad states. Everywhere has the class of ritualistic priests and lettered theosophists been preceded by a class of less cultivated worshippers, who paid simple offerings of flesh and wine to the personified powers of the visible universe without the aid of an hereditary professional priesthood. Everywhere has the class of nobles and territorial chieftains been preceded by a humbler class of small peasant proprietors, who placed themselves under their protection and paid tribute or rent in return. Everywhere

^{*}Brief view of the caste system of the N.-W. P. and Oudh, by John C. Nesfield, M.A.. Oxon, pp. 114-116, para, 195.

has this class of nobles and chieftains sought to ally itself with that of the priests or sacerdotal order; and everywhere has the priestly order sought to bring under its control those chiefs and rulers under whose protection it lives. All these classes, then, had been in existence for centuries before any such thing as caste was known on Indian soil; and the only thing that was needed to convert them into castes, such as they now are, was that the Brahman, who possessed the hightest of all functionsthe priestly-should set the example This he did by establishing for the first time the rule that no child, either male or female, could inherit the name and status of Brāhman, unless he or she was of Brāhman parentage on both sides. By the establishment of this rule the principle of marriage unionship was superadded to that of functional unionship; and it was only by the combination of these two principles that a caste in the strict sense of the term could or can be formed. The Brāhman therefore, as the Hindu books inform us, was "the first-born of castes." When the example had thus been set by an arrogant and overbearing priesthood, whose pretensions it was impossible to put down, the other hereditary classes followed in regular order downwards, partly in imitation and partly in self-defence. To a nation mesmerised by Brahmans and blinded with superstition and ignorance no other course was open. Immediately behind the Brahman came the Kshatriya, the military chieftain or landlord. He therefore was the "second-born of castes". Then followed the bankers or upper trading classes (the Agarwal, Khattri, etc.); the scientific musician and singer (Kathak); the writing or literary class (Kayasth); the bard or genealogist (Bhāt); and the class of inferior nobles (Taga and Bhuinhar) who paid no rent to the landed aristocracy. These, then, were the third-born of castes. In all communities, such classes must stand rather high in the scale of social respectability, since the stages of industry or function which they represent are high in proportion; but in India their rank was more precisely defined than elsewhere by the fact that they made a nearer approach than the castes below them to the Brahmanical ideal of personal dignity and purity. Next in order came those artisan classes, who were coëval with the age and art of metallurgy; the metallurgic classes themselves; the middle trading classes; the middle agricultural classes, who placed themselves under the protection of the Kshatriya and paid him rent in return (Kurmi, Kachhi, Māli, Tāmboli); and the middle serving classes, such as Nāpit and Baidya, who attended to the bodily wants of their equals and superiors. These, then were the fourth-born of castes; and their rank in the social scale has been determined by the fact that their manners and notions are further removed than those of the preceding castes from the Brāhmanical ideal. Next came the inferior artisan classes, those which preceded the age and art of metallurgy (Teli, Kumhar, Kalwar, etc.); the partly nomad and partly agricultural classes (Jat, Gujar, Ahir, etc.); the inferior serving classes, such as Kahār; and the inferior trading classes, such as Bhunja. These, then, were the fifth-born of castes, and their mode of life is still further removed from the Brāhmanical ideal than that of the preceding. The last born, and therefore the lowest, of all the classes are those semi-savage communities, partly tribes and partly castes, whose function consists in hunting or fishing, or in acting as butcher for the general community, or in rearing swine and fowls, or in discharging the meanest domestic services, such as sweeping and washing, or in practising the lowest of human arts, such as basket-making, hide-tanning, etc. Thus throughout, the whole series of Indian castes a double test of social

precedence has been in active force, the Industrial and the Brahmanical; and these two have kept pace together almost as evenly as a pair of horses harnessed to a single carriage. In proportion as the function practised by any given caste stands high or low in the scale of industrial development, in the same proportion does the caste itself, impelled by the general tone of society by which it is surrounded, approximate more nearly or more remotely to the Brāhmanical ideal of life. It is these two criteria combined which have determined the relative ranks of the various castes in the Hindu social scale. Outside the caste system altogether stand the few and shattered remains of those aboriginal tribes, out of which the whole series of caste was fashioned by slow degrees, through the example and under the guidance of the Brahmanical priesthood. Had the Brahman never come into existence and had his arrogance proved to be less omnipotent than it did, the various industrial classes would never have become stereotyped into castes, and the nation would then have been spared a degree of social disunion to which no parallel can be found in human history. There seems to be no likelihood of caste being banished from Indian soil until Brahmanism itself -the fons et origo mali-has died a natural death by the rise of the scientific spirit, and the fallacy of its pretensions has become an object of general scorn. As soon as the Brahman begins to disappear, the rest will follow.

Sir Denzil Ibbetson's theory.*

An old agnostic is said to have summed up his philosophy in the following words:—"The only thing I know is that I know nothing; and I am not quite sure that I know that." His words express very exactly my own feelings regarding caste in the

Punjab. My experience is that it is almost impossible to make any statement whatever regarding any one of the castes we have to deal with, absolutely true as it may be as regards one part of the Province, which shall not presently be contradicted with equal truth as regards the same people in some other district. Yet I shall attempt to set forth briefly what seem to me the fundamental ideas upon which caste is based; and in doing so I shall attempt partly to explain why it is that the institution is so extraordinarily unstable, and its phenomena so diverse in different localities. What I propound in the following paragraphs is simply my working hypothesis as it at present stands; but I shall not stop to say so as I write, though almost every proposition made must be taken subject to limitations, often sufficiently obvious, and not unfrequently involved in some other proposition made in the very next paragraph. My views are of little weight so long as they are not illustrated and supported by instances drawn from actually existing fact. Such instances I have in great abundance, and they will be found in part in the detailed description of castes which follow this discussion. But I have leisure neither to record all my evidence, nor to marshal what I have recorded; and I give my conception of caste with a crudeness of exposition which lack of time forbids me to modify, not because I think that it is anything even distantly approaching to the whole truth, but because I believe that it is nearer to that truth than is the generally received theory of caste as I understand it.

The popular and currently received theory of caste I take to consist of three main articles:—

- (1) that caste is an institution of the Hindu religion, and wholly peculiar to that religion alone;
- (2) that it consists primarily of a fourfold classification of people in general under the heads of Brāhman, Kshatriya, Vaisya, and Sudra;
- (3) that caste is perpetual and immutable, and has been transmitted from generat on to generation throughout the ages of Hindu history and myth without the possibility of change.

Report on the Census of the Punjab, 1881. Pp. 172-6.

Now I should doubtless be exaggerating in the opposite direction, but I think that I should still be far nearer to the truth if, in opposition to the popular conception thus defined, I were to say—

- (1) that caste is a social far more than a religious institution; that it has no necessary connection whatever with the Hindu religion, further than that under that religion certain ideas and customs common to all primitive nations have been developed and perpetuated in an unusual degree; and that conversion from Hinduism to Islam has not necessarily the slightest effect upon caste:
- (2) that there are Brāhmans who are looked upon as outcasts by those who under the fourfold classification would be classed as Sudras; that there is no such thing as a Vaisya now existing; that it is very doubtful indeed whether there is such a thing as a Kshatriya, and if there is, no two people are agreed as to where we shall look for him; and that Sudra has no present significance save as a convenient term of abuse to apply to somebody else whom you consider lower than yourself; while the number of castes which can be classed under any one or under no one of the four heads, according as private opinion may vary, is almost innumerable:
- (3) that nothing can be more variable and more difficult to define than caste; and that the fact that a generation is descended from ancestors of any given caste creates a presumption, and nothing more, that that generation also is of the same caste, a presumption liable to be defeated by an infinite variety of circumstances.

Among all primitive peoples we find the race split up into a number of tribal communities held together by the tie of common descent, each tribe being self-contained and self-sufficing, and bound by strict rules of marriage and inheritance, the common

object of which is to increase the strength and preserve the unity of the tribe. There is as yet no diversity of occupation. Among more advanced societies, where occupations have become differentiated, the tribes have almost altogether disappeared; and we find in their place corporate communities or guilds held together by the tie of common occupation rather than of common blood, each guild being self-contained and self-governed, and bound by strict rules, the common object of which is to strengthen the guild and to confine to it the secrets of the craft which it practises. Such were the trades-guilds of the middle ages as we first meet with them in European history. But all modern inquiry into their origin and earlier constitution tends to the conclusion-and modern authorities on the development of primitive institutions are rapidly accepting that conclusion—that the guild in its first form was, no less than the tribe, based upon common descent; and that the fundamental idea which lay at the root of the institution in its inception was the hereditary nature of occupation. Now here we have two principles, community of blood and community of occupation. So long as the hereditary nature of occupation was inviolable, so long as the blacksmith's son must be, and nobody else could be, a blacksmith, the two principles were identical. But the struggle for existence is too severe, the conditions of existence too varied, and the character and capacity of individuals too diverse to permit of this inviolability being long maintained; and in any but the most rudimentary form of society it must,

like the socialist's dream of equal division of wealth, cease to exist from the very instant of its birth. And from the moment when the hereditary nature of occupation ceases to be invariable and inviolable, the two principles of community of blood and community of occupation become antagonistic. The antagonism still continues. In every community which the world has ever seen there have been grades of position and distinctions of rank; and in all societies these grades and distinctions are governed by two considerations, descent and calling. As civilization advances and the ideas of the community expand in more liberal growth, the latter is ever gaining in importance at the expense of the former; the question what a man is, is ever more and more taking precedence of the question what his father was. But in no society that the world has yet seen has either of these two considerations ever wholly ceased to operate; in no community has the son of the coal-heaver been born the equal of the son of the nobleman, or the man who dies a trader been held in the same consideration as he who dies a statesman; while in all the son has begun where the father left off. The communities of India in whose midst the Hindu religion has been developed are no exceptions to this rule; but in their case special circumstances have combined to preserve in greater integrity and to perpetuate under a more advanced state of society than elsewhere the hereditary nature of occupation, and thus in a higher degree than in other modern nations to render identical the two principles of community of blood and community of occupation. And it is this difference, a difference of degree rather than of kind, a survival to a later age of an institution which has died out elsewhere rather than a new growth peculiar to the Hindu nation, which makes us give a new name to the old thing and call caste in India what we call position or rank in England.

The whole basis of diversity of caste is diversity of occupation. The old division into Brāhman, Kshatriya, Vaisya, Sudra, and the Mechchha or outcast, who is below the Sudra, is but a division into the priest, the warrior, the husbandman, the

artisan, and the menial; and the more modern development which substituted trader for husbandman as the meaning of Vaisya or "the people" did not alter the nature of the classification. William Priest, John King, Edward Farmer, and James Smith are but the survivals in England of the four varnas of Manu. But in India, which was priest-ridden to an extent unknown to the experience of Europe even in the middle ages, the dominance of one special occupation gave abnormal importance to all distinctions of occupation. The Brahman who could at first claim no separate descent by which he should be singled out from among the Aryan community, sought to exalt his office and to propitiate his political rulers, who were the only rivals he had to fear, by degrading all other occupations and conditions of life. Further, as explained in the sections just referred to, the principle of hereditary occupation was to him as a class one of the most vital importance. As the Brahmans increased in number, those numbers necessarily exceeded the possible requirements of the laity so far as the mere performance of priestly functions was concerned, while it became impossible for them to keep up as a whole even the semblance of sacred learning. Thus they ceased to be wholly priests, and a large proportion of them became mere Levites. The only means of preserving its overwhelming influence to the body at large was to substitute Levitical descent for priestly functions as the basis of that nfluence, or rather perhaps to check the natural course of social evolution which

would have substituted the latter for the former; and this they did by giving the whole sanction of religion to the principle of the hereditary nature of occupation. Hence sprang that tangled web of caste restrictions and distinctions, of ceremonial obligations, and of artificial purity and impurity, which has rendered the separation of occupation from descent so slow and so difficult in Hindu society, and which collectively constitutes what we know as caste. I do not mean that the Brāhmans invented the principle which they thus turned to their own purpose; on the contrary, I have said that it is found in all primitive societies that have outgrown the most rudimentary stage. Nor do I suppose that they deliberately set to work to produce any craftily designed effect upon the growth of social institutions. But circumstances had raised them to a position of extraordinary power; and naturally, and probably almost unconsciously, their teaching took the form which tended most effectually to preserve that power unimpaired.

Indeed in its earlier form, neither caste nor occupation was even supposed in India to be necessarily or invariably hereditary. It is often forgotten that there are two very distinct epochs in the post-Vedic history of the Hindu nations, which made respectively contributions of very different nature to that body of Hindu scriptures which we are too apt to confuse under the generic name of the Shastras, and which affected in very different manners the form of the Hindu religion. The earlier is the epoch of the Brahmanas and the Upanishads, while Hinduism was a single and comparatively simple creed, or at most a philosophical abstraction; and the later is the epoch of the Puranas and Tantras, with their crowded Pantheon, their foul imaginings, their degraded idolatry, and their innumerable sects. The former may be said to end with the rise, and the latter to begin with the growing degeneracy of Buddhism. In the earlier Hinduism we find that, while caste distinctions were primarily based upon occupation, considerable license in this respect was permitted to the several castes, while the possibility of the individual rising from one caste to another was distinctly recognised. This was the case even as late as the age of Manu, by which time the caste system had assumed great strictness, and the cardinal importance of occupation had become a prominent part of the Brahmanical teaching, though its hereditary nature had not yet been so emphatically insisted on. It was in the dark ages of Hindu history, about the beginning of an era during which Brāhmanism was substituted for Hinduism and the religion became a chaos of impure and degraded doctrine and sectarian teaching, that the theory of the necessarily hereditary nature of occupation seems to have taken its present form. In the earlier epoch the priest was always a Brāhman; in the later the Brāhman was always a priest.

But if occupation was not necessarily transmitted by descent, and if caste varied with change of occupation in the earlier era of Hinduism, it is no less true that this is the case in the present day; though under caste restrictions as they now stand, the change, in an upward direction at least, is infinitely slower and more difficult than then, and is painfully effected by the family or tribe in the course of generations instead of by the individual in the course of years. The following pages will contain numerous instances of the truth of this assertion, and the whole body of tribal and caste tradition in the Punjab supports it. I have not always thought it necessary to state their traditions in discussing the various castes; and I have seldom stopped to comment on the facts. But the evidence, imperfect as it is, will be

found to possess no inconsiderable weight; while the very fact of the general currency of a set of traditions, groundless as they may be in individual instances, shows that the theory of society upon which they are based is at least not repugnant to the ideas and feelings and even practice of the people who believe them. Indeed, for the purposes of the present enquiry it would almost be allowable to accept traditional origin; for though the tradition may not be true, it might have been, or it would never have arisen. Instances of fall in the social scale are naturally more often met with than instances of rise, for he who has sunk recalls with pride his ancestral origin, while he who has risen hastens to forget it.

But before proceeding to give specific instances of recent change of caste, I

The political and artificial basis of caste.

must adopt a somewhat extended definition of occupation, and must take a somewhat wider basis than that afforded by mere occupation, even so defined, as the foundation of caste

In India the occupation of the great mass of what may be called the upper or yeoman classes is the same. Setting aside the priests and traders on the one hand and the artisans and menials on the other, we have left the great body of agriculturists who constitute by far the larger portion of the population. This great body of people subsists by husbandry and cattle-farming, and so far their occupation is one and the same. But they are also the owners and occupiers of the land, the holders of more or less compact tribal territories; they are overlords as well as villains; and hence springs the cardinal distinction between the occupation of ruling and the occupation of being ruled. Where the actual calling of every-day life is the same, social standing, which is all that caste means, depends very largely upon political importance, whether present or belonging to the recent past. There is the widest distinction between the dominant and the subject tribes; and a tribe which has acquired political independence in one part of the country, will there enjoy a position in the ranks of caste which is denied it in tracts where it occupies a subordinate position.

Again, the features of the caste system which are peculiar to Brāhmanical Hinduism, and which have already been alluded to, have operated to create a curiously artificial standard of social rank. There are certain rules which must be observed by all at the risk of sinking in the scale. They are, broadly speaking, that widow-marriage shall not be practised, that marriages shall be contracted only with those of equal or nearly equal standing; that certain occupations shall be abstained from which are arbitrarily declared to be impure, such as growing or selling vegetables, handicrafts in general, and especially working or trading in leather and weaving; that impure food shall be avoided; and that no communion shall be held with outcasts, such as scavengers, eaters of carrion or vermin, and the like. There are other and similarly artificial considerations which affect social standing, such as the practice of secluding the women of the family, the custom of giving daughters in marriage only to classes higher than their own, and the like; but these are of less general application than those first mentioned. Many of these restrictions are exceedingly irksome. It is expensive to keep the women secluded, for others have to be paid to do their work; it is still more expensive to purchase husbands for them from a higher grade of society, and so forth; and so there is constant temptation to disregard these rules, even at the cost of some loss of social position.

Thus we have as the extended basis of caste, first occupation, and within a common occupation political prominence and social standing, the latter being partly regulated by a set of very arbitrary rules which are peculiar to Indian caste, and which are almost the only part of the system which is peculiar to it. It is neither tautology nor false logic to say that social standing is dependent upon caste and caste upon social standing, for the two depend each upon the other in different senses. The rise in the social scale which accompanies increased political importance will presently be followed by a rise in caste; while the fall in the grades of caste which a disregard of the arbitrary rules of the institution entails, will surely be accompanied by loss of social standing

Instances of the mutability of caste.

Instances of the mutability of caste.

Instances of the mutability of caste.

Instances of the mutability of caste.

Instances of the mutability of caste.

Instances of the mutability of caste.

Indeed, and becomes a cultivator pure and simple, he also ceases to be a Brāhman, and has to employ other Brahmans as priests. Witness the Taga Brāhmans of the Delhi division, who are Tagas, not Brāhmans, because they have "abandoned" (tāg dena) their priestly character. Indeed, in the hills the very practice of agriculture as a calling or at least the actual following of the plough is in itself sufficient to deprive a Brāhman of all but the name of his caste; for Mr. Lyall points out that in the following quotation from Mr. Barnes, "ploughing" should be read for "agriculture" or "husbandry," there being very few even of the highest Brāhman families, who abstain from other sorts of fieldwork.

"It will afford a tolerable idea of the endless ramification of caste to follow out the details of even the Sārsut tribe as established in these hills. The reader acquainted with the country will know that Brāhmans, though classed under a common appellation, are not all equal. There are primarily two great distinctions in every tribe claiming to be of such exalted origin as the Brāhmans,—vis., those who follow and those who abstain from agriculture. This is the great touchstone of their creed. Those who have never defiled their hands with the plough, but have restricted themselves to the legitimate pursuits of the caste, are held to be pure Brāhmans; while those who have once descended to the occupation of husbandry retain indeed the name, but are no longer acknowledged by their brethren, nor held in the same reverence by the people at large."

So again if a Brāhman takes to handicrafts he is no longer a Brāhman, as in the case of the Thavis of the hills, some of whom were Brahmans in the last generation. The Dharukras of Delhi are admittedly Brahmans who have within the last few generations taken to widow-marriage; and the Chamarwa Sadhs and the whole class of the so-called Brāhmans who minister to the outcast classes, are no longer Brāhmans in any respect beyond the mere retention of the name. The Mahā · Brāhman, so impure that in many villages he is not allowed to enter the gates, the Dakaut and Gujrāti, so unfortunate that other Brāhmans will not accept offerings at their hands, are all Brāhmans, but are practically differentiated as distinct castes by their special occupations. Turning to the second of Manu's four great classes, we find the Mahājan a Mahājan in the hills so long as he is a merchant, but a Kāyasth as soon as he becomes a clerk; while the Dasa Banya of the plains who has taken to the practice of widow-marriage is a Banya only by name and occupation, not being admitted to communion or intermarriage by the more orthodox classes who bear the same title. The impossibility of fixing any line between Rājpūts on the one hand, and Jats, Gujars, and castes of similar standing on the other, is fully discussed in the subsequent parts of this Chapter, in the paragraphs on the Jāt in general, on the Rājpūts of the Eastern Hills, and on the Thakar and Rāthi. I there point out that the only possible definition of a Rājpūt, in the Punjab at least, is he who, being the descendant of a family that has enjoyed political importance, has preserved his ancestral status by strict observance of the caste rules enumerated above. The extract there quoted from Mr. Lyall's report sums up so admirably the state of caste distinctions in the hills that I make no apology for repeating it. He says:—

Till lately the limits of caste do not seem to have been so immutably fixed in the hills as in the plains. The Raja was the fountain of honour, and could do much as he liked. I have beard old men quote instances within their memory in which a Raja promoted a Girth to be a Rāthi, and a Thākur to be a Rājpūt, for service done or money given; and at the present day the power of admitting back into caste-fellowship persons put under a ban for some grave act of defilement is a source of income to the Jagirdar Rajas.

I believe that Mr. Campbell, the present Lieutenant-Governor of Bengal, has asserted that there is no such thing as a distinct Rājpūt stock; that in former times, before caste distinctions had become crystallized, any tribe or family whose ancestor or head rose to royal rank became in time Rājpūt.

This is certainly the conclusion to which many facts point with regard to the Rājpūts of these hills. Two of the old royal and now essentially Rājpūt families of this district, vis., Kotlehr and Bangahal, are said to be Brāhman by original stock. Mr. Barnes says that in Kangra the son of a Rājpūt by a low-caste woman takes place as a Rāthi; in Seoraj and other places in the interior of the hills I have met families calling themselves Rājpūts, and growing into general acceptance as Rājpūts, in their own country at least, whose only claim to the title was that their father or grandfather was the offspring of a Kānetni by a foreign Brāhman. On the border line in the Himalayas, between Tibet and India Proper, any one can observe caste growing before his eyes, the noble is changing into a Rājpūt, the priest into a Brāhman, the peasant into a Jāt; and so on down to the bottom of the scale. The same process was, I believe, more or less in course in Kangra proper down to a period not very remote from to-day.

And Kangra is of all parts of the Punjab the place in which the proudest and most ancient Rājpūt blood is to be found. As Captain Cunningham says in his History of the Sikhs: "It may be assumed as certain that, had the conquering Moghals and Pathans been without a vivid belief and an organised priesthood, they would have adopted Vedism and become enrolled among the Kshatriya or Rājpūt races." In Sirsa we have instances of clans who were a few generations ago accounted Jāt being now generally classed as Rājpūts, having meanwhile practised greater exclusiveness in matrimonial matters, and having abandoned widow-marriage; while the reverse process is no less common. So the Chauhans of Delhi are no longer recognised as Rājpūts since they have begun to marry their widows Finally, we have the whole traditions of the Punjab tribes of the Jāt and Gujar status to the effect that they are descended from Rājpūts who marriage; and the fact that one and the same tribe is often known as Rājpūt, where it has, and as Jāt where it has not, risen to political importance.

But it is possible for Rājpūts and sāts to fall still lower. The Sahnsars of Hushyarpur were admittedly Rājpūts till only a few generations ago, when they took to growing vegetables, and now rank with Arains. Some of the Tarkhāns, Lohars, and Nais of Sirsa are known to have been Jāts or Rājpūts, who within quite recent times have taken to the hereditary occupations of these castes; and some of the Chauhans of Karnal, whose sathers were born Rājpūts, have taken to-

weaving and become Shekhs. So too the landowning castes can rise. A branch of the Wattu Rājpūts of the Sutlei, by an affectation of peculiar sanctity, have in the course of a few generations become Bodlas, and now deny their Rājpūt and claim Qureshi origin; and already the claim is commonly admitted. A clan of Ahirs in Rewari has begun to seclude their women and abandon widow-marriage; they no longer intermarry with the other Ahirs, and will presently be reckoned a separate caste; and there is a Kharral family lately settled in Bahawalpur, who have begun to affect peculiar holiness and to marry only with each other, and their next step will certainly be to claim Arab descent. The process is going on daily around us, and it is certain that what is now taking place is only what has always taken place during the long ages of Indian history. The ease with which Saiyads are manufactured is proverbial, and some of our highest Rajput tribes are beginning in the Salt-range to claim Moghal or Arab origin. On the frontier the dependence upon occupation of what there most nearly corresponds with caste, as distinct from tribe, is notorious. A Machhi is a Machhi so long as he catches fish, and a Jat directly he lays hold of a plough. There are no Rajputs because there are no Rajas; and those who are notoriously of pure Rāipūt descent are Jāts because they till the land.

Among the artisan and menial tribes the process is still more common, and the chapter on this section of the community abounds with instances One Chamar takes to weaving instead of leather-working and becomes a Chamar-Julaha; presently he will be a Julaha pure and simple: another does the same and becomes a Rangreta or a Bania: a Chuhra refuses to touch night-soil and becomes a Musalli or a Kutana. Within the castes the same process is observable. The Chandar Chamar will not eat or marry with the Jatia Chamar, because the latter works in the hides of impure animals; one section of the Kumhars will hold no communion with another, because the latter burn sweepings as fuel; a third section has taken to agriculture and looks down upon both. In all these and a thousand similar instances the sections are for all practical purposes distinct castes, though the caste name, being based upon and expressive of the hereditary occupation, is generally retained where the main occupation is not changed. Indeed I have my doubts whether, setting aside the absolutely degrading occupations, such as scavengering, the caste does not follow the occupation in the case of even each individual among these artisan and menial castes much more generally than we suppose. We know next to nothing about their organisation, and I do not pretend to make anything more than a suggestion. But it is certain that these lower castes have retained the organisation of the guild in extraordinary completeness long after the organisation of the tribe or caste has almost completely died out among the landowning classes whom they serve. And it may be, especially in towns and cities, that this organisation is meant to protect the craft in the absence of the bond of common descent, and that men belonging by birth to other castes and occupations may, on adopting a new occupation, be admitted to the fraternity which follows it.

Thus we see that in India, as in all countries, society is arranged in strata

The nature and evowhich are based upon differences of social or political
importance, or of occupation. But here the classification
tion of the caste.
is hereditary rather than individual to the persons included
under it, and an artificial standard is added which is peculiar to caste and which
must be conformed with on pain of loss of position, while the rules which forbid

social intercourse between castes of different rank render it infinitely difficult to rise in the scale. So, too the classification being hereditary, it is next to impossible for the individual himself to rise; it is the tribe or section of the tribe that alone can improve its position, and this it can do only after the lapse of several generations, during which time it must abandon a lower for a higher occupation, conform more strictly with the arbitrary rules, affect social exclusiveness or special sanctity, or separate itself after some similar fashion from the body of the caste to which it belongs. The whole theory of society is that occupation and caste are hereditary; and the presumption that caste passes unchanged to the descendants is exceedingly strong But the presumption is one which can be defeated, and has already been and is now in process of being defeated in numberless instances. As in all other countries and among all other nations, the graduations of the social scale are fixed; but society is not solid but liquid, and portions of it are continually rising and sinking and changing their position as measured by that scale; and the only real difference between Indian society and that of other countries in this respect is that the liquid is much more viscous, the friction and inertia to be overcome infinitely greater, and the movement therefore far slower and more difficult in the former than in the latter. This friction and inertia are largely due to a set of artificial rules which have been grafted on to the social prejudices common to all communities by the peculiar form which caste has taken in the Brahmanicial teachings. But there is every sign that these rules are gradually relaxing. Sikhism did much to weaken them in the centre of the Punjab, while they can now hardly be said to exist on the purely Mahomedan frontier; and I think. that we shall see a still more rapid change under the influences which our rule has brought to bear upon the society of the Province. Our disregard for inherited distinctions have already done something, and the introduction of railways much more, to loosen the bonds of caste. It is extraordinary bow incessantly, in reporting customs, my correspondents note that the custom or restriction is fast dying out. The liberty enjoyed by the people of the Western Punjab is extending to their neighbours in the east, and especially the old tribal customs are gradually fading away. There cannot be the slightest doubt that in a few generations the materials for a study of caste as an institution will be infinitely less complete than they are even now.

Thus, if my theory be correct, we have the following steps in the process by which caste has been evolved in the Punjab—(1) the tribal divisions common to all primitive societies; (2) the guilds based upon hereditary occupation common to the middle life of all communities; (3) the exaltation of the priestly office to a degree unexampled in other countries; (4) the exaltation of the Levitical blood by a special insistence upon the necessarily hereditary nature of occupation; (5) the preservation and support of this principle by the elaboration from the theories of the Hindu creed or cosmogony of a purely artificial set of rules, regulating marriage and intermarriage declaring certain occupations and foods to be impure and polluting, and prescribing the conditions and degree of social intercourse permitted between the several castes. Add to this the pride of social rank and the pride of blood which are natural to man, and which alone could reconcile a nation to restrictions at once irksome from a domestic and burdensome from a material point of view; and it is hardly to be wondered at that caste should have assumed the rigidity which distinguishes it in India.

M. Senart's theory.*

Longtemps on a cru, sur le témoignage de Platon et d'Hérodote, que l'Egypte aurait été régie par le système des castes. C'est une vue abandonnée aujourd'hui par les juges les plus autorisés. Elle parait décidément contredite par les monumens indigènes. Les Grecs, peu accoutumés à de vastes organismes héréditaires reliés par le privilège du rang ou la communauté de la fonction, pouvaient aisément, là où ils en rencontraient des types plus ou moins stricts, en exagérer l'importance ou l'étendue. Jusqu'à présent, l'Inde a seule révélé un régime universel des castes, au sens où nous l'avons constaté et défini. Tout au plus trouve-t-on ailleurs des traces accidentelles, des germes d'institutions analogues; elles ne sont nulle part généralisées ni coordonnées en système.

La Grèce a connu, à Lacédémone et ailleurs, plusieurs cas des fonctions et des métiers héréditaires. Malgré les incertitudes qui en obscurcissent l'interprétation, les noms que portent les quatres tribus (phylé) ioniennes de l'Attique sont bien des noms professionnels: soldats, chevriers, artisans.† Ce ne sont assurément pas des castes L'exemple prouve au moins que la tradition âryenne pouvait, sous l'empire d'une situation favorable, inclinèr vers la caste. L'enseignement est bon à retenir.

Un fait social qui domine un pays immense, qui s'enchevêtre dans tout son passé, a nécessairement plus d'une cause. A l'enfermer dans une déduction unique, trop précise, on s'égare à coup sûr.... Des courans si puissans sont faits d'affluens nombreux. L'explication vraie doit, j'en suis convaincu, faire sa part à chacun des agens qu'on a tour à tour poussés au premier plan, dans un esprit trop systématique et trop exclusif. Il est bien d'autres pays où une race immigrante s'est trouvée juxtaposée à des occupans qu'elle a vaincus et dépossédés, et cette situation n'y a pas fait naître la caste. D'autres populations ont connu de fortes distinctions de classes, et la caste leur est demeurée étrangère. La théocratie s'accommode d'autres cadres. Il faut donc que le régime résulte dans l'Inde de l'action combinée de plusieurs facteurs. J'espère avoir discerné les principaux.

Tâchons d'embrasser d'un coup d'œil le raccourci de cette histoire.

Nous prenons les âryens à leur entrée dans l'Inde. Ils vivent sous l'empire des vieilles lois communes à toutes les branches de la race. Ils sont divisés en peuplades, clans et familles: plus ou moins larges, les groupes sont également gouvernés par une organisation corporative dont les traits généraux sont pour tous identiques, dont le lien est une consanguinité de plus en plus étroite. L'âge de l'égalité pure et simple de clan à clan, de tribu à tribu, est passé. Le prestige militaire et le prestige religieux ont commencé leur œuvre. Certains groupes, rehaussés par l'éclat des prouesses guerrières, fiers d'une descendance plus brillante ou mieux assurée, enrichis plus que d'autres par la fortune des armes, se sont solidarisés en une classe nobiliaire qui revendique le pouvoir. Les rites religieux se sont compliqués au point de réclamer, soit pour l'exécution des cérémonies, soit pour la composition des chants, une habileté spéciale et une préparation technique: une classe sacerdotale est née, qui appuie ses prétentions sur les généalogies plus ou moins légendaires qui rattachent ses branches à des sacrificateurs illustres du passé. Le reste des âryens est confondu dans une catégorie unique au sein de laquelle les divers groupes se meuvent dans

^{*} Senart, Les Castes Dans l'Inde, pp. 243-257.

⁺ Schomann, Grzeck. Alterth., ed. 1861, 1, p. 327 suiv.

leur autonomie et sous leurs lois corporatives. Des notions religieuses dominaient dés l'origine toute la vie; le sacerdoce dejà puissant double ici le prestige et la rigueur des scrupules religieux.

Les âryens s'avancent dans leur nouveau domaine. Ils se heurtent à une race de couleur foncée, inférieure en culture, qu'ils refoulent. Cette opposition, le souci de leur sécurité, le dédain des vaincus, exaltent chez les vainqueurs l'exclusivisme natif, renforcent toutes les croyances et tous les préjugés qui protègent la pureté des sectionnements entre lesquels ils se répartissent. La population autochtone est rejetée dans une masse confuse que des liens de subordination assez lâches rattachent seuls à ses maîtres. Les idées religieuses qu'apportent les envahisseurs y descendent plus ou moins avant, jamais assez pour la relever à leur niveau. Cependant, en s'étendant sur de vastes espaces où leurs établissemens ne sont guère cantonnés par aucunes limites naturelles, les envahisseurs se dispersent; ébranlés par les accidens de la lutte, les groupemens primitifs se disjoignent. La rigueur du principe généalogique qui les unissait en est compromise: les tronçons, pour se reformer, obéissent aux rapprochements géographiques ou à d'autres convenances.

Peu à peu se sont imposées les nécessités d'une existence moins mouvante. C'est dans des villages d'industrie pastorale et agricole que se fixe la vie devenue plus sédentaire; et c'est d'abord par parentés qu'ils se fondent; car les lois de la famille et du clan conservent une autorité souveraine; on continue d'observer les usages traditionnels que sanctionne la religion. Les habitudes plus fixes développent les besoins et les métiers d'une civilisation qui est mûre pour plus d'exigences. Les corps d'état sont à leur tour enveloppés dans le réseau, soit que la communauté de village entraîne la communauté d'occupation, soit que les représentans dispersés d'une même profession dans des lieux assez voisins obéissent à une nécessité impérieuse en modelant sur le seul type d'organisation usité autour d'eux.

Avec le temps deux faits se sont accusés: des mélanges plus ou moins avoués se sont produits entre les races; les notions âryennes de pureté ont fait leur chemin dans cette population hybride et jusque dans les populations purement aborigènes. De là deux ordres de scrupules qui multiplient les sectionnements, suivant l'impureté plus ou moins forte, soit de la descendance, soit des occupations. Si les principes anciens de la vie familiale se perpetuent, les facteurs de groupements se diversifient : fonction, religion, voisinage, d'autres encore, à coté du principe primitif de la consanguinité dont ils prennent plus ou moins le masque Les groupes s'acroissent et s'entre-croisent. Sous la double action de leurs traditions propres et des idées qu'elles empruntent à la civilisation âryenne, les tribus aborigènes elles-mêmes, au fur et à mesure qu'elles renoncent à une vie isolée et sauvage, accélèrent l'afflux des sectionnemens nouveaux. La caste existe dès lors. On voit comment elle s'est, dans ses diverses dégradations, substituée lentement au régime familial dont elle est l'héritière

Un pouvoir politique eût pu subordonner ces organismes aux ressorts d'un système régulier. Nulle constitution politique ne se dégage. L'idée même n'en naît pas. Comment s'en étonner? La puissance sacerdotale n'y peut être favorable, car elle en serait diminuée; ou son action est très forte et très soutenue; elle paralyse même dans l'aristocratie militaire l'exercice du pouvoir. Le relief du pays ne constitue pas de noyaux naturels de concentration; toute limite est ici flottante. La vie pastorale a longtemps maintenu un esprit de tradition sévère; aucun goût vif de l'action ne l'entame. La population vaincue est nombreuse; refoulée plus qu'absorbée, elle est

envahie lentement par la propagande sacerdotale plutôt que soumise par une brusque conquête. Avec quelques tempéramens elle garde, là surtout où elle se cantonne et s'isole, beaucoup de son organisation ancienne. Par sa masse qu'elle interpose, par l'exemple de ses institutions très rudimentaires, par la facilité même avec laquelle ces institutions se fondent dans l'organisation assez sommaire des immigrans, elle oppose un obstacle de plus à la constitution d'un pouvoir politique véritable. Donc nul rudiment d'État.

Dans cette confusion, la classe sacerdotale a seule, en dépit de ses fractionnemens, gardé un solide esprit de corps; seule elle est en possession d'un pouvoir tout moral, mais très efficace. Elle en use pour affermir et pour étendre ses privilèges; elle en use aussi pour établir, sous sa suprématie, une sorte d'ordre et de cohésion. Elle généralise et codifie l'état de fait en un système idéal qu'elle s'efforce de faire passer en loi. C'est le régime légal de la caste. Elle y amalgame la situation actuelle avec les traditions tenaces du passé où la hiérarchie des classes a jeté les fondemens de sa puissance tant accrue depuis

Sorti d'un mélange des prétentions arbitraires et des faits authentiques, ce système 'devient à son tour une force. Non seulement les brâhmanes le portent comme un dogme dans les parties du pays dont l'assimilation se fait à une date tardive; partout, grâce à l'autorité immense qui s'attache à ses patrons, il réagit par les idées sur la pratique. L'idéal spéculatif tend. à s'imposer comme la règle stricte du devoir. Mais, des faits à la théorie, il y avait trop loin pour qu'ils aient pu jamais se fondre complètement

Ce qui nous intéresse c'est le chemin qu'a suivi l'institution dans sa croissance spontanée. Je puis donc m'arrêter ici.

La caste est, à mon sens, le prolongement normal des antiques institutions âryennes, se modelant à travers les vicissitudes que leur préparaient les conditions et le milieu qu'elles rencontrèrent dans l'Inde. Elle serait aussi inexplicable sans ce fond traditionnel qu'elle serait in intelligible sans les alliages qui s'y sont croisés, sans les circonstances qui l'ont pétrie.

Que l'on m'entende bien! Je ne prétends pas soutenir que le régime des castes, tel que nous l'observons aujourd'hui, avec les sections infinies, de nature et de consistance diverses qu'il embrasse, ne contienne que le développement logique, purement organique, des seuls élémens âryens primitifs. Des groupes d'origine variée, de structure variable, s'y son introduits de tout temps et s'y multiplient encore : clans d'envahisseurs qui jalonnent la route des conquêtes successives; tribus aborigènes sorties tardivement de leur isolement farouche; fractionnemens accidentels soit de castes proprement dites, soit des groupes assimilés. Il y a plus ; ces mélanges qui, aggravés de combinaisons multiples, donnent à la caste de nos jours une physionnomie si déconcertante, si insaisissable, se sont, à n'en pas douter, produits de bonne heure. S'ils ont été en s'accusant, ils ont commencé dés l'époque où le régime se formait. Je l'ai dit déjà, je le répète à dessein : à condenser en une formule sommaire une conclusion générale, on risque de paraître outrer son principe; effort de précision ou séduction de nouveauté, on risque de fausser, en l'étendant a l'excès, une pensée juste. Je ne voudrais pas que l'on me soupçonnât d'un entraînement contre lequel je suis en garde.

Ce que j'estime, c'est que, quelques influences qu'ils aient pu subir du dehors, quelques troubles qu'aient apportés les hasards de l'histoire, les âryens de l'Inde ont

tiré de leur propre fonds les éléments essentiels de la caste, telle qu'ils l'ont pratiquée, conçue e' finalement coordonnée. Si le régime sous lequel l'Inde a vécu n'est ni une organisation purement économique des métiers, ni un chaos barbare des tribus et des races étrangères et hostiles, ni une simple hiérarchie des classes, mais un mélange de tout cela, unifiée par l'inspiration commune qui domine, dans leur fonctionnement, tous les groupes, par la communauté des idées et des préjugés caractéristiques qui les rapprochent, les divisent, fixent entre eux les préséances, cela vient de ce que la constitution familiale, survivant à travers toutes les évolutions, gouvernant les âryens d'abord, puis pénétrant avec leur influence et s'imposant même aux groupemens d'origine indépendante, à été le pivot d'une lente transformation.

Qu'elle ait été traversée d'élémens hétérogènes, je n'ai garde de l'oublier. D'ailleurs une fois achevée dans ses traits essentiels, elle a, cela va sans dire, comme tous les systèmes vieillissans où la tradition ne se retempe plus dans une conscience vivante des origines, subi l'action de l'analogie. Les principes qu'on a cru y découvrir, l'arbitraire même, armé de faux prétextes y ont fait leur œuvre. Pour être accidentelles ou secondaires, ces altérations n'ont pas laissé que de jeter quelque désarroi dans la physionomie des faits. Je n'y insiste pas cependant. On en retrouvera au besoin les sources dans les détails que j'ai eu l'occasion de signaler en passant.

Même à nous enfermer dans la période de formation, combien nous souhaiterions de fixer des dates! Ce que j'ai dit de la tradition littéraire expliquera que je n'en aie pas des précises à offrir. Des institutions anciennes ne s'imprègnent que par progressions insensibles d'un esprit nouveau; des mouvements qui peuvent, suivant les circonstances, marcher d'un pas inégal dans des régions diverses, ne se manifestent dans les témoignages que lorsque l'ordre antérieur est devenu tout à fait méconnaissable. Ils sont obscurs parce qu'ils sont lents. Ils ne supportent pas de dates rigoureuses. Tout au plus pourrait-on se flatter de déterminer à quel moment le système brâhmanique, qui régit théoriquement la caste, a reçu sa forme dernière. La prétention serait encore trop ambitieuse. Nous pouvons nous en consoler; nous n'en serions pas beaucoup plus avancés, s'il est vrai que ce système résume l'idéal de la caste dominante plus qu'il ne reflète la situation vraie.

Même en ce qui concerne le Véda, la valeur des indices qu'il apporte n'est rien moins que définie. Il faudrait savoir s'il épuise bien l'ensemble des faits contemporains, s'il les rend intégralement et fidèlement. C'est ce dont je n'estime pas du tout que nous soyons certains. Ce qui est sûr c'est qu'on y voit saillir encore en un plein relief cette hiérarchie de classes qui s'est plus tard résolue dans le régime des castes. Il est pourtant indubitable que, dès la période védique, les causes avaient commencé d'agir qui, par leur action combinée et suivie, devaient sur le vieux tronc âryen greffer un ordre nouveau.

Les âryens de l'Inde et les âryens du monde classique partent des mêmes prémisses. Combien les conséquences sont de part et d'autre différentes !

A l'origine, les mêmes groupes, gouvernés par les mêmes croyances, les mêmes usages. En Grèce et en Italie, ces petites sociétés s'associent et s'organisent. Elles s'étagent en un système ordonné. Chaque groupe conserve dans sa sphère d'action sa pleine autonomie; mais la fédération superieure que constitue la cité embrasse les intérêts communs et régularise l'action commune. Le chaos prend forme sous la main des Grecs. Les organismes disjoints se soudent en une unité

plus large. Au fur et à mesure qu'elle s'achève, l'idée nouvelle qui en est l'âme latente, l'idée politique s'ébauche. Comme la caste, la cité est issue de la constitution primitive commune; jetée dans le moule des mêmes règles religieuses, des mêmes traditions, mais inspirée par des necessités nouvelles, elle dégage un principe nouveau d'organisation. Elle se montre capable de s'élargir, de s' affranchir des barrières qui ont soutenu, mais aussi contenu see premiers pas. Plus tard, elle suffira, en se transformant, aux besoins des révolutions de mœurs et de pouvoir plus profondes.

Dans l'Inde la caste continue les antiques coutumes; elle les développe même à plusieurs égards dans leur ligne logique; mais elle perd quelque chose de l'impulsion qui avait crééles groupes primitifs et elle n'en renouvelle pas l'esprit. Des notions diverses se mêlent ou se substituent ici au lien généalogique qui avait noué les premières sociétés. En se modifiant, en devenant castes, elles ne trouvent pas en elles-mêmes de principe régulateur; elles s'entrecroisent, chacune isolée dans son autonomie jalouse. Le cadre est immense, sans limites précises, sans vie organique; masse confuse de sociétés indépendantes, courbées sous un niveau commun.

La langue classique de l'Inde se distingue des langues congénères par une singularité frappante. Le verbe fini a peu de place dans la phrase; la pensée s'y déroule en composés longs, de relation souvent indécise. Au lieu d'une construction syntactique solide où le dessin s'accuse, où les incidences se détachent elles-mêmes en propositions nettement arrêtées, la phrase ne connaît guère qu'une structure molle où les éléments de la pensée, simplement juxtaposés, manquent de relief. Les croyances religieuses de l'Inde ne se présentent guère en dogmes positifs. Dans les lignes flottantes du'un panthéisme mal défini, les oppositions et les divergences ne se soulèvent un moment que pour s'écrouler comme un remous instable dans la masse mouvante. Les contradictions se résolvent vite en un syncrétisme conciliant où s'énerve la vigueur des schismes. Une orthodoxie accommodante couvre toutes les dissidences de son large manteau. Nulle part de doctrine catégorique, liée intransigeante. Sur le terrain social, un phénomène analogue nous apparâit dans le régime de la caste. Partout le même spectacle d'impuissance plastique.

Quelque sève qu'il empruntée aux circonstances extérieures et historiques, c'est bien le fruit de l'esprit hindou. L'organisation sociale de l'Inde est à la structure des cités antiques ce qu'est un poème hindou à une tragédie grecque. Aussi bien dans la vie pratique que dans l'art, le génie hindou se montre rarement capable d'organisation, c'est-à-dire de mesure, d'harmonie. Dans la caste tout son effort s'est épuisé à maintenir, à fortifier un réseau de groupes fermes, sans action commune, sans réaction reciproque, ne reconnaissant finalement d'autre moteur que l'autorité sans contrepoids d'une classe sacerdotale qui a absorbé toute la direction des esprits. Sous le niveau du brâhmanisme, les castes s'agitent, comme les épisodes se heurtent désordonnés dans la vague unité du récit épique. Il suffit qu'un système artificiel en masque théoriquement le décousu.

Les destinées de la caste sont, à y bien regarder, un chapitre instructif de la psychologie de l' Inde.

APPENDIX VII.

SIR HENRY COTTON AND OTHERS ON KULIN POLYGAMY.

TO THE EDITOR OF "THE TIMES."

SIR,—More important still, though perhaps not so intentionally offensive, is the review in your Literary Supplement of Mr. Oman's book on 'The Brahmans, Theists, and Muslims of India.' I have not yet seen this book, but my impression of it derived from a review by Sir Alfred Lyall in the Nation is very different from that put forward by your reviewer. I cannot believe that Mr. Oman's work is a mere rechaufté of the onslaught on Hinduism which was elaborated by Mr. James Mill and by the missionary Ward at the beginning of the last century. That is the impression your review conveys and your leading article repeats in stronger language. Mill's, Ward's, and Wilford's attacks on Hinduism were replied to at the time they were made, but, whatever truth they may have then contained, every one who knows anything of the subject is aware that the abominations to which you refer, and especially the privileges of the Kulin Brahmans, 'including the most outrageous and degrading form of polygamy,' have no existence at the present day. You go so far as to say that 'it is a notable fact that the spread of enlightenment as we conceive it among educated Hindus has not been 'accompanied by any serious attempt to do away with social anomalies such as child marriages, the seclusion of child widows, or the abominations practised by the Kulin Brahmans.' I reply that the very contrary is the fact. So-called child marriages among the educated classes are now of the rarest occurrence, and polygamy among Kulin Brahmins is absolutely nonexistent. My personal experience extends over a period of 40 years, and I never heard of a case of Kulin polygamy. The practice had died out before I went to India. I do not know whether Mr. Oman says it still exists. I doubt whether he has any personal knowledge of Bengal, and in any case I deprecate in the strongest possible manner the tone and character of the observations in your leading article on this subject, which are apparently based on Mr. Oman's book.

> I am, Sir, yours faithfully, HENRY COTTON.

DIEPPE, September 14th, 1907.

SIR,—While I desire to avoid even the appearance of controversy on matters capable of argument, I would ask permission to correct one serious misapprehension on a matter of fact that is to be found in Sir Henry Cotton's letter as printed in your issue of the 24th. He says, 'Polygamy among Kulin Brahmans is absolutely non-existent. My personal experience extends over a period of 40 years, and I never heard of a case of Kulin polygamy.' Sir Henry Cotton has been very fortunate in

his experience. Mine has been painfully different. I went to India after him; nevertheless, during my career in the Indian Civil Service, I heard of numerous instances of Kulin polygamy both in Bengal and (under another name) in Bihar I have been personally acquainted with men who practised it, and have discussed the question with them. About the year 1878 I was connected with a movement to stop it, which was got up by natives who were not Kulins, and which was admittedly a failure. I have before me a book entitled 'The Brahmans and Kayasthas of Bengal,' written by Babu Giríndranáth Dutt, who, as his name implies, is a Bengal. It was published in 1906, after appearing in serial form in a Calcutta magazine. The author in his preface says, 'I have described at length the fictitious origin and the pernicious effects of this vicious system (f.e., Kulinism).' Elsewhere he says, 'The only possible and practical means to extirpate the manifold vicious effects of Kulinism—e.g., polygamy, ruinous marriage demands, matrimonial difficulties, etc., is to abolish the cause, Kulinism, from every section of the community.'

I am, Sir, yours faithfully,
GEORGE A. GRIERSON.

CAMBERLEY, September 25th, 1907.

SIR,—I desire to offer my experience of Kulin polygamy in contradiction of Sir Henry Cotton's statement. I entered the Bengal Civil Service about 12 years before Sir H. Cotton, and my service in Bengal overlapped his in its termination.

In 1866 the Government of Bengal appointed a committee to inquire into and report on Kulin Polygamy. It was thus moved by a learned Brahmin Pundit, at whose instance a few years before the Legislature had passed the Hindu Widows Remarriage Act. Sir Charles Hobhouse, who is still alive, was president of that committee and I was a member and its secretary. Our inquiries showed that Kulin polygamy was very prevalent in Bengal and that there were instances of Brahmins having nearly 100 wives, many of whom they had never seen since their marriage with them as girls. That was about the year before Sir H. Cotton came to Bengal. His statement, therefore, that "in my personal experience, extending over a period of 40 years, I never heard of a case of Kulin polygamy" shows singular ignorance of the social habits and customs of the country amongst the people of which he so long lived. His experience is evidently derived from association with Bengalis whose Western education no doubt may have tended to induce them to abandon it But it would not be to such men that this pernicious system would have much attraction. Profit in a pecuniary sense, and not sensuality, is its stronghold. The father of a girl is obliged by Hindu law and the custom of the country to marry her before she attains puberty; she must marry in her own caste; and he has to buy a suitable husband for her. Kulin polygamy, it can be easily understood, appeals to Brahmins of the mendicant and priestly classes of small means. Education may have done much to reduce its sphere; but education has not reached such classes, and obviously they will be the last to come within its influence.

I do not desire to attempt to discuss or explain at length the marriage system amongst Hindus in Bengal; but I would point out that though education may have done something to mitigate its evils, it cannot claim to have done much to reduct the rates payable in the marriage market. The usual rate demanded by one who has taken the degree of Bachelor of Laws in the Calcutta University is, I was

credibly informed not many years ago, Rs. 10,000, or nearly £700. It may be asked why does not the Congress which professes to act as a body anxious to reform all matters to the benefit of the people of India apply itself to such social matters of the highest importance? Why does it not commence its work at home before it stirs up matters of political controversy? The answer which suggests itself is obvious. Because it does not suit the aims of its leaders. Alas! that it should be so.

H. T. PRINSEP.

September 27th, 1907.

SIR,—Sir Henry Prinsep misapprehends my letter to you on this subject. I never said that when I went to India 40 years ago there were no survivors of the old system of Kulin polygamy. On the contrary there were many, and Vidyasagar's committee appointed in 1866, to which Sir Henry Prinsep refers, proved the fact. My point was that during my time I never heard of a case of polygamous marriage being contracted among Kulins. I know it was common enough in old days. But I say that the practice for many years past has completely died out. There may, of course, have been isolated cases, but I am sure they are exceedingly few and I never heard of one. Sir Henry Prinsep does not say that he has heard of any cases since 1866, and he admits that educated Bengalis have abandoned the practice. After all, the last word on this subject cannot be spoken by English officials, however great their experience may be, but must be said by the Indian members of the community concerned; and I am glad to think that the prominence given by you to this correspondence in your columns will lead to that result.

I am, yours faithfully,

HENRY COTTON!

October 1, 1907

[Editorial Note.—In his letter to us of September 14 Sir Henry Cotton wrote:—'The practice [Kulin polygamy] had died out before I went to India.' Yet, as Sir Henry Prinsep pointed out in his letter to us of September 27, the practice was still so prevalent about the time Sir H. Cotton went cut to India that a committee had only recently been appointed to inquire into it."

SIR,—Having very recently come from India and having a life-long acquaintance with that country, I am perhaps able to throw some light on the subject of Kulinism, which is being discussed just now in the columns of your paper. It is hard to kill a social custom when bound up and interwoven with the material interest of still a very influential class. Polygamy among Kulin Brahmans is certainly not dead. It is not as rampant as it was, say, half a century ago; but it still flourishes, or is still in vogue, in certain dark corners of the two provinces of Bengal and Behar, chiefly among the more bigoted classes of Hindus, who adhere to the abhorrent practice with a grim steadfastness which can scarcely be reconciled with the advanced and progressive state of certain other sections of Hindu society. Of course, the reason for the upkeep of this hateful custom is the burning desire of the parents (not uncommon in other parts of the world) to get their daughter married to a man on a somewhat higher social level, as regards the scale of castes, which is again bound up with their religion.

Dr. G. A. Grierson (than whom I scarcely know of a higher authority either in Indian literature or social practices and customs as they exist in the present day) is quite accurate in saying that polygamy is still prevalent among the people of Bengal

and Behar—in Behar among the Ojhas, Dubes, and Chaubes principally. I knew of an Ojha family (a fairly well-to-do zemindar) whose three daughters, varying in age from 19 to 14 years, were married to one Brahman of about treble the age of the eldest girl. When I expostulated with the father, he said he could not possibly get his daughters married to husbands on a lower scale of caste, as it would for ever ruin the standing of his family, and it was hopeless to find a younger man, as it would be equally ruinous to his family from a pecuniary point of view.

Among the Bengalis too, who are more advanced, in a general sense, than the Beharis, fear of lowering the caste *status* still holds a tyrannical sway. A father who is a bigoted Hindu would not, if he can possibly avoid it, allow his daughter to get married to one whose *status* in caste is lower than his; he would much rather get her wedded to a polygamous husband.

I am, Sir, yours faithfully,

JOHN CHRISTIAN.

SIR,-Referring to the letters of Sir Henry Cotton, Dr. George Grierson, and 'A retired Bengal Official' in The Times of the 24th, 27th, and 28th ultimo. respectively, I would like to add that the crushing reply to Sir Henry Cotton, is the official report on 'Kulinism' in the Gazette of India of February 7, 1867, signed by S. Ghosal, C. P. (now Sir Charles) Hobhouse, H. T. (now Sir Henry) Prinsep, D. Mitra, J. K. Mookerjea, I. C. Surma, and R. Tagore. Of these five Bengali signatories the last three (including the Theistic reformer Ramnath Tagore) add the statement that 'Kulinism'-i.e., the Kula-dharma or '(religious) observance of race (purity)'-prevailed to a less extent in 1867 than a few years previously; but even with this qualification the report is an all-sufficing and dramatically effective answer to Sir Henry Cotton. My day in India began 13 years before his, and was all spent in Western India, and I always hesitate to speak of anything in India, beyond the Mahratta Ditch, and I generally keep strictly within 'the Manor of Grenawic;' but even in far-off Bombay that report made an immense impression; and, surely, it is a record in Lethe'd obliviousness that Sir Henry Cotton. who, I see from the "India Office List," landed in Calcutta October 29, 1867, should never once 'have heard of a case of Kulinism.' I was possibly more interested in the report because some years earlier in the widely-in Indiaregenerative sixties I was visited by a wealthy Vaishnava, as a representative of other wealthy Vaishnavas, all of the Vallabhacharya sub-sect, who, with passionate insistence, demanded the exposure of an immemorial religious rite of the sect, which gradually, under the influence of Western ideals, had become intolerable to them as husbands and, in all 'the thoughts and intents of the heart,' English gentlemen. This was, indeed, the beginning of the great action for libel the High Priest of the Vallabhāchārya was at length compelled, by the force of public opinion, to bring against The Times of India; and Sir Joseph Arnold's memorable judgment in the case, with Mr. Chisholm Anstey's speech for the plaintiff, and the evidence given, is the richest storehouse known to me of the authenticated facts of esoteric Hinduism accessible to English readers.

But what I desire, with your indulgence, to accentuate is not this latest and most bewildering example of Sir Henry Cotton's 'lethargized discernings,' but the inconsiderateness and unreasonableness of all three of your distinguished

correspondents under comment in tacitly stigmatizing the Kula-dharma as outrageous and degrading because this peculiar form of regulated polygamy happens to be opposed to our own conventions on such relations. 'Kulinism' is not with the Hindus, as with us, a 'mystery of iniquity,' but a 'mystery of godliness;' and so long as it has the consent of their consciences, and is regarded as a high and religious obligation, it cannot be, and is not, morally degrading to them, although it does not tend to their physical elevation, and the development of their virility, as the one sure foundation of the manly virtues. Therefore, while always speaking and writing my mind freely in private to Hindus on such matters as the ras-mandli of Western India and the Kula-dharma of Eastern Bengal, I have never in public spoken or written in 'moral indignation' on such freaks in morality, or rather, sociology. What is the history of 'Kulinism'? The Sanscrit word Kula, clipt to Kul, means 'race,' 'tribe,' 'family,' and if not allied to, may be compared with, the words Kelt or Celt and Cul-dee ('the family,' i.e., priest of God); and the word Kulina or Kulin means, primarily, 'of good family'; while Kula-dharma means primarily a binding observance, of gradually growing religious import, arising out of the natural instinct to preserve in pristine purity the blue Aryan blood of that section of the Bengali Brahmans who, on quite inadequate grounds, regard themselves as superior to all other Brahmans, not only in Bengal, but throughout India, in the integrity of their illustrious descent. These primitive Kulin of Bengal are represented by the widely, and, let it be added, well-famed family names of Bonnerjee, Chatterjee, Gangully, and Mookerjea; while the great family names of Bose, Dutt, Ghose, and Mitra represent the Hindus who became attached to these Kulin families on their original immigration into Anga-Banga. And these Kulin are most honourable men; so that the word Kulin has at last come to be an honorific title, the equivalent of our 'The Honourable,' or 'The Right Honourable,' as it came to be in our earlier history with the works Kelt and Culdee. They happen also, for the most part, to be of fine physique; for after all polygamy may be less conducive to excess than monogamy, and Bengali Kulinism is largely nominal. Though for the greater part ignorant of English, they are learned Sanscritists and often accomplished Persian scholars, and they strictly maintain the tradition of the stately old Hindu manners and social customs, and are always the most excellent good company.

I am not worthy to 'bow to the shadow of' Mr. Oman's 'shoe tie,' but in view of Sir Henry Cotton's obliquitous attack on his recent profoundly significant work, I will only say that I could confirm some of the strangest things in it from my own personal experience in the Canarese country among the Vira-Saiva lingavant and lingauhari.

I have the honour to be,
Sir,
Your most obedient servant,
GEORGE BIRDWOOD.

October 1, 1907.

SIR,—Will you allow me, as a subject of the British Empire, to join Sir George Birdwood in his protest against the gross insularity with which the subject of *Kulin* polygamy has been discussed in your columns since Sir Henry Cotton, by putting

his denial of its existence in the form of a defence of Indian morality, assumed that the test of morality is simply conformity to English custom? In this all your correspondents except Sir George have followed him, the only difference being that his intentions were civil, and theirs openly offensive. To an Indian that can hardly weigh as a difference at all. If (to illustrate) an Indian paper were to publish a controversy between two Bengalis, one holding up the Archbishop of Canterbury to the execration of all pious Hindus as a Christian, and the other defending him as a man of far too high character to be tainted with the Christian superstition, the Archbishop would hardly feel much more obliged to his defender than to his assailant.

If the Empire is to be held together by anything better than armed force-and we have neither energy nor money enough to spare from our own affairs for thatwe shall have to make up our minds to bring the institutions and social experiments of our fellow-subjects to a very much higher test than their conformity to the customs of Clapham. It is true that mere toleration for its own sake is out of the question: we are not going to tolerate suttee or human sacrifice on any terms from anybody, if we can help it. We are far too tolerant as it is, if not of other people's abominations and superstitions, at all events of our own, which are numerous and detestable enough in all conscience. But before we begin to hurl such epithets as 'revolting' and 'abhorrent' at any customs of our Indian fellow-subjects, we had better consider carefully why we are shocked by them. Very few of us are trained to distinguish between the shock of unfamiliarity and genuine ethical shock polygamy is unfamiliar: therefore it shocks us, and causes gentlemen of ordinary good breeding to use abusive and intemperate language in your columns. Under these circumstances, I, having ascertained that my opinion in this matter is representative enough to be of some importance, am emboldened to say that the institution of Kulin polygamy, as described by your correspondents, does not seem to me on the face of it an unreasonable one. Let me compare it with our own marriage customs. We are told first that the Bengalis do not marry out of their caste. To them, therefore, the promiscuity which we profess must be 'revolting' and 'abhorrent'; but we have the ready and obvious defence that our promiscuity is only professed and not real, as our Deputy-Lieutenant class and our commercial traveller class, for instance, do not intermarry. Further, the Bengalis hold that it is part of the general purpose of things that women should bear children, and that childlessness is a misfortune and even a disgrace. It will not be disputed, I think, that this, under the surface, is as much an occidental as an oriental view. Again, the Bengalis attach great importance to their children being well-bred. So do we. On all these points the only difference between India and England is that England holds her beliefs more loosely, less religiously, less thoughtfully, and is less disposed to let them stand in the way of pecuniary gain and social position.

How then do the parents of an English family, of the class corresponding to the Indian Brahman class, secure well-bred grandchildren for themselves and also for their nation? They use their social opportunities to put their daughters promiscuously in the way of young men of their own caste, in the hope that a marriage with some one or other will be the result. Frequently it is not the result: the daughter becomes an old maid, one of the wasted mothers of a nation, which as Mr. Sydney Webb and Professor Karl Pearson have warned us, is perishing for

want of well-bred children. Even when chance is favourable, and the daughter finds a husband, she often refuses to become a mother because her religious and social training has taught her to regard motherhood as a department of original sin, and to glory, not in the possession of children, but of a husband; so that the childless woman with a husband despises the mother who has no husband.

What does the Bengali father do under the same circumstances according to Sir Henry Prinsep? He selects a picked man-a Brahman, representing the highest degree of culture and character in his class; and he pays him £700 to enable his daughter to become the mother of a well-bred child.

Now this may strike the parochial Englishman as unusual or, as he would put it, 'revolting, 'abhorrent,' and so forth; but it is certainly not unreasonable and not inhuman. Far from being obviously calculated to degrade the race, it is, on the face of it, aimed at improving it. Sir George Birdwood has just told us in your columns that the *Kulin* 'happen, for the most part, to be of fine physique.' Sir George has no doubt also noticed that the products of our system happen, for the most part, not to be of fine physique. Is it quite clear that this is mere happening? Is it not rather what one would expect under the circumstances? And is the practice of taking deliberate steps to produce and reproduce men of fine physique really revolting and abhorrent to our British conscience as distinguished from our British prejudice?

Let us, however, do justice to our system, indefensible as it is in many respects. It secures what most men want: that is, a sharing out of the women among the men so that every Jack shall have his Jill, and the able men and attractive women shall not accumulate partners and leave mediocrity unprovided. If this were the end of public policy in the matter, and if the race might safely take its change of degeneracy provided monogamy, even on the hardest conditions, were maintained, there would be nothing more to be said. But as the whole Imperial problem before us is fundamentally nothing else than to produce more capable political units than our present system breeds-in short, to breed the Superman-this is not a time to rail at experiments made by people who are not under the harrow of our prejudices, or to persist in calling the customs founded on those prejudices by question-begging names such as purity, chastity, propriety, and so forth, and to speak of a Brahman who is the father of a hundred children as a libertine with a hundred wives. Any man of thirty may have a hundred children without having a wife at all and still be positively ascetic in his temperance compared with an average respectable and faithful British husband of the same age. And if the hundred children 'happen, for the most part, to be of fine physique,' the nation will be more powerful and prosperous in the next generation than if these hundred children were replaced by a hundred others of indifferent physique, each having a different father, promiscuously picked up in a Clapham drawing-room.

A system which limits the fertility of its men of fine physique to the child-bearing capacity of one woman, and wastes the lives of thousands of first-rate maiden ladies in barrenness because they like to own their own houses and manage their own affairs without being saddled with a second-rate or tenth-rate man, must not take its own merits for granted. It may be the right system; it may be bound up with all that is best in our national life and fortunate in our national history; it may be all that our stupidest people unanimously claim for it. But then again it may not

The evidence on the other side is weighty; and the population question is pressing hard on us. The case must be argued, not assumed; and the final verdict will be that of history and not of our modern suburban villas with no nurseries.

Yours truly,
G. BERNARD SHAW.

10, ADELPHI-TERRACE, W. C.,

Oct. 3.

SIR,—I have only just arrived from India, and have followed with interest the correspondence relating to *Kulinism* in your columns.

I am a Bengali Brahmin, and in our family daughters used never to be married except to Kulins. Sir Henry Cotton quite correctly says that the practice of polygamy for many years past has completely died out in Bengal. In fact, it had died out when Mormonism was very much alive in America.

Yours faithfully,

A CHAUDHURI, B.A. (Cantab) 1884,

Bar. at-law (1886), Fellow of the Calcutta University.

98, THE GROVE, EALING,

4th Oct. -

SIR,—In a leading article which appeared in *The Times* of the 2nd instant, you have referred to the barbarous institution of *Kulin* polygamy as a factor to be considered in determining the character of the reformers and agitators of Bengal. May I ask you, in the interest of truth, to permit me to offer a few critical remarks on the subject?

I have two distinct grounds for entering into the controversy. First, I am a student of sociology, whose duty it is to see that sociological data are not perverted for the purpose of evoking racial or political antipathies; secondly, I have the fortune or misfortune to belong to that class of Brahmins known as Kulins, who have long possessed the unenviable privilege of polygamy.

You have, I fear, attached too little importance to Sir Henry Cotton's able refutation of the statements that appeared in your columns. I hold no brief for Sir Henry. I do not know him personally, nor, indeed, do I always agree with his public utterances with regard to Indian matters. But it is sheer justice to him to state that he knows more about the social life of East Bengal than the learned correspondents on whose assertions you base a generalization which is totally incorrect. Kulin though I am, I have the greatest horror of the monstrous custom of Kulin polygamy, and I have thought it my duty to inquire whether the custom still exists. Social customs die hard, and it is inevitable that one or two instances may occasionally occur to arouse the critical acerbity of the civilized West But let me assure you that Kulin polygamy as a tolerated institution has long ceased to be.

Even, however, if it still existed, is it quite logical to draw general inferences as to the moral character of a whole community when it is remembered that the *Kulins* who practised polygamy formed a very small minority of the total population of Bengal? Mr., Bepin Chandra Pal, for example, is no *Kulin*, and his character bears no ratio, direct or inverse, to polygamous licenses. It would be quite as

rational to assert that, as adultery is not regarded as a crime by the law of England, it must follow that the English are a nation of adulterers.

It does no good whatever to make an isolated instance the basis of a stricture that cannot but make the work of government difficult. If Kulinism is dead, requiescat in pace. If it is not, is there any sense in making false assertions that must wound the pride of the Indian on the one hand, and rouse the unreasoning prejudices of the Englishman on the other?

Yours faithfully,
VIRENDRANATH CHATTOPADHYAYA.

43, THANET-HOUSE, STRAND, W. C.,

4th Oct.

SIR,—When I wrote the letter which appeared in your issue of September 27th I little thought that I should be accused of expressing an opinion as to the merits or demerits of Kulin polygamy on the ground that (to quote Sir George Birdwood) it is opposed to our conventions of such relations. Nothing could have been further from my intentions. My object was to correct a mistake of fact, and to do so mainly from the evidence of a native witness. My own experience is of small value. As, however, the charge has been made both by Sir George Birdwood and by Mr. Bernard Shaw, may I explain that, putting all questions of sexual morality to one side, whether the system is right or wrong in theory, in the practical working of ts extreme forms it is an organized system of extortion, working the most cruel injustice upon its unhappy victims? Pace Mr. Shaw, it actually condemns numbers of girls to an unmarried life who would otherwise be married. These are questions of fact. If Mr. Shaw doubts my evidence, I can refer him to the work written by a native of Bengal from which I quoted in my last letter, or (for earlier years) to the report of the Commission mentioned by Sir Henry Prinsep and Sir George Birdwood.

Let me also make one other point quite clear. While I do not hesitate to say what I think about the evils of Kulinism, I should be disloyal to the affection which I bear to the people amongst whom I spent some of the best and happiest years of my life did I not openly dissociate myself from those who, because of the existence of this evil, or because some foolish and some wicked men are guilty of violence, denounce Hindus or Bengalis as a nation. Like all of us who have served in India, I have had my bad moments, and have been in tight places; nevertheless, looking back along the vista of not a few years, it is not these that dwell in my memory, but loyal friends that I made and innumerable tokens of the mutual regard which existed between my own people and those amongst whom our lot was cast.

Yours faithfully, GEORGE A. GRIERSON.

CAMBERLEY,

5th Oct.

[Editorial Note.—The book referred to by Mr. Grierson is entitled 'The Brahmans and Kayasthas of Bengal,' by Babu Girindranath Dutt. It was published in 1906. The passage quoted was as follows:—'The only possible and practical means to extirpate the manifold vicious effects of Kulinism—e.g., polygamy, ruinous marriage demands, matrimonial difficulties, etc.—is to abolish the cause, Kulinism, from every section of the community.']

REPORT OF THE COMMITTEE APPOINTED IN 1866 BY THE GOVERNMENT OF BENGAL TO REPORT ON THE NECESSITY OF LEGISLATING ON THE SUBJECT OF POLYGAMY AMONG THE HINDUS.

From C. HOBHOUSE, Esq., and others, To The Secretary to Govt. of Bengal.

Dated the 7th February 1867.

WE have the honour to acknowledge the receipt of your letters Nos. 1647 to 1651T, dated Darjeeling, 22nd August, 1866, to our respective addresses, and we beg to submit the following reply:—

We understand that the Hon'ble the Maharajah of Burdwan, and some 21,000 other Hindu inhabitants of Lower Bengal, prayed for an enactment to prevent the abuses attending the practice of polygamy amongst the Hindus in Lower Bengal; that His Honor the Lieutenant-Governor was in favour of the measure of bringing the said practice strictly within the limits of ancient Hindu Law; that, on the other hand, His Excellency the Governor-General in Council was of opinion that the Hindu inhabitants of Lower Bengal were not prepared, either for the suppression of the system of polygamy, or yet for that strict limitation of it which His Honor the Lieutenant-Governor of Bengal recommended, but desired only a remedy for the special abuses practised by the sect of Koolin Brahmins; that His Excellency would therefore be prepared to take into consideration any deliberate measure which His Honor the Lieutenant-Governor might in consultation with some of the ablest of the leading native gentlemen in Bengal, think fit to recommend for the suppression of the special abuses above named, provided that such measure had not, on the one hand, the effect of restricting the general liberty now possessed by all Hindus to take more than one wife, and that it did not, on the other hand, give the express sanction of English Legislation to the system of polygamy, and that to us has been committed the duty of reporting on the best means of giving practical effect to the wishes of His Excellency the Governor-General in Council, and of framing and submitting a Draft Bill for that purpose.

In order that it may be seen exactly what we understand that system to be, for which we are instructed to suggest a remedy, we think it necessary, briefly, to trace the history of Koolinism back; to state how it arose and what it was, and what we believe it to be, and what in the main are declared to be those evils to which it has given rise, and which it perpetuates.

In the Institutes of Manu, we do not find any distribution of the sect of the Brahmins into distinct denominational classes, but we find it declared that certain Brahmins were by conduct and acquirements entitled to higher respect than other Brahmins whose conduct was not so strict, and whose learning was not so great, and this declaration may possibly have laid the foundation of that distribution of the Brahmins into denominational classes which subsequently was made.

It was not until the time of the Hindu King Bullal Sen, who reigned some 284 years before the Mahomedan conquest, or about 877 A.D., that any distribution into denominational classes took place. This distribution was confined to the descendants of those Brahmins who had migrated from Kanouj into Bengal on the invitation of

the Rajah Adisur, and it is stated that the cause of this distribution was the fact that the sect of Brahmins generally had fallen off in knowledge and in practice of the strict Hindu Shastras.

There were two chief divisions of Koolins, vis., the Barendros of what was then known as the geographical division of Barendrobhoom, and the Rarhis of Burdwan and other places.

The Koolins of Barendrobhoom were divided into two classes:-

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Ist—Koolins; and andly—Kaps;
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but as it is not amongst the Barendro Koolins that any abuse of the system of polygamy exists, we shall not further refer to these Koolins.

The Rarhi Koolins were also divided into two classes, viz.:-

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1st—The Koolins;
2nd—The Shrotryos;
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and subsequently to these classes was added a third, the Bhongshojo, the origin of which is somewhat obscure.

The Koolin class was an order of merit, and was composed of those Brahmins who had the nine qualifications—

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1st—Of observance of Brahmin duties;
2nd—Of meekness;
3rd—Of learning;
4th—Of good report;
5th—Of a disposition to visit holy places;
6th—Of devotion;
7th—Of the preservation of the custom of marriages and inter-marriages
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amongst equals only;

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8th—Of asceticism; and 9th - Of liberality.
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The Shrotryo was composed of those Brahmins who were supposed to have eight only of the nine qualifications of the Koolins.

When the above classes were first created, a peculiar Code of Laws, the bulk of which has in process of time swelled, and which is called by the Koolins the Kooleena Shastras, was laid down for the guidance of the Koolins.

If it were possible, it would be superfluous to trace the history of the Koolins from the time above mentioned up to the present time; it is sufficient that we should now state, not in its numerous ramifications and complications, but in its main features only, what we believe to be the present condition of the Koolin class or of Koolins and Koolinism as best known by these terms. We are speaking of the Rarhi division of Brahmins, and we believe we are right in stating that the chief distinctive classes amongst them at the present day are four in number, and are these, viz.:—

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The Koolins, or first class.
Bhongo Koolins, or second class.
Bhongshojo Koolins, or third class.
Shrotryo Brahmins, or fourth class.
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The first class is composed of persons who are supposed to possess the nine qualifications of the order of merit, and who, at any rate, are presumed never to have forfeited their title to that order by inter-marriages out of their own class.

These men, it is said, usually marry two wives,—one out of their own class, and one out of the class of the Shrotryos, and they take a consideration from the bride on the occasion of all inter-marriages with the Shrotryos, and also of all inter-marriages amongst themselves, except in cases where there is an exchange of daughters

The second class is composed of Koolins of the first class, who have fallen from this latter class by inter-marriages with daughters of families in the third class.

This second class is again sub-divided into-

1st-Swakrito Bhongo Koolins;

2nd-Bhongo Koolins of the second generation;

3rd-Bhongo Koolins of the third generation;

4th-Bhongo Koolins of the fourth generation.

The male members of the first and second sub-divisions of this second class contract an unlimited number of marriages during the life-time of the first wife, and except in cases of exchange, whether these marriages are contracted with Koolin women of their own class, or with the daughters of parents in the inferior classes, a consideration is given by the parents or family of the bride to the bridegroom.

In the fifth generation after the first act by which a Koolin of the first class has fallen into the second class, *i.e.*, has become a Bhongo Koolin, he falls into the third class, *i.e.*, he becomes Bnongshojo, and the fourth class, the Shrotryo, is composed of persons who have never been Koolins at all.

It will be most convenient here to state that the marriages most sought after are marriages with Bhongo Koolins of the first and second sub-divisional classes, *i.e.*, the Swakrito and the Bhongo Koolin of the second generation, and that the daughters of the class Bhongo Koolins generally are not permitted without degradation to marry beneath their class.

We will now describe some of the main customs in the matter of marriage, which, on the authority of the statements made in petitions to the Legislative Council, and in some instances within the knowledge of more than one of the native gentlemen on our Committee, obtain amongst the Bhongo Koolins, and we will state what are declared in the papers to be the evil results of some of those customs.

1st - In addition to the presents usually given amongst all classes of Hindoos on the occasion of marriage, a Bhongo Koolin always, except when he gives his daughter to a brother Bhongo, and takes in exchange that brother Bhongo's daughter, exacts a consideration for marriage from the family of the bride.

2nd-A present is often given in addition on the occasion of any visit made to the house of the father-in-law.

3rd—If the daughters of the first and second sub-divisional classes of Bhongo Koolins cannot be given in marriage to husbands of their own classes, they must remain unmarried.

4th—The number of wives, including those of the same class, is said to be often as many as 15, 20, 40, 50, and 80.

5th—Polygamy is said to be resorted to as a sole means of subsistence to many Bhongo Koolins.

- 6th—Marriage, it is said, is contracted quite in old age, and the husband often never sees his wife, or only at the best visits her once in every three or four years or so.
- 7th—As many as three and four marriages have been known to have been contracted in one day.
- 8th—Sometimes all a man's daughters and his unmarried sisters are given in marriage to one and the same individual.
- 9th—It is so difficult to find husbands in the proper class for Koolin women that numbers, it is said, remain unmarried.
- noth—The married or unmarried daughters and the wives of Koolins are said to live in the utmost misery; and it is alleged that crimes of the most heinous nature, adultery, abortion and infanticide, and that prostitution are the common result of the system of Bhongo Koolin marriages generally.
- 11th—Cases are cited of men who have married 82, 72, 65, 60 and 42 wives, and have had 18, 32, 41, 25 and 32 sons, and 26, 27, 25, 15 and 16 daughters.
- 12th—Lists have been adduced of families in the Burdwan and Hooghly districts alone, showing the existence of a plurality of wives on the above scale, and in numerous cases.
- 13th—The principle on which Koolinism was perpetuated, viz., that of preventing inter-marriages between certain classes, is violated.
- 14th—Families, it is said, are ruined, in order to providing the large sums requisite to give a consideration on the occasion of their daughters' marriages, or are unable to marry their daughters at all for want of means to procure such consideration.
- 15th—Marriages are, it is said, contracted simply in order to this consideration, and the husbands do not even care to enquire what becomes of their wives, and have never even had any intention of fulfilling any one of the marriage duties.
- 16th—The crimes that are said to result from the Koolin system of marriage are said to be habitually concealed by the actors in them and by their neighbours, and this so as to baffle the efforts of the Police at discovery.
- 17th—No provision is made for the maintenance of one wife before marriage with an unlimited number of others.

The above are said to be some of the customs and are declared to be some of the evils said to result from the system of polygamy as practised by the sect of Bhongo Koolins, and the evils may thus be briefly summed up:—

the female sex in a legitimate manner; 2nd, the virtual, sometimes the actual, desertion of the wife by her natural and legal protector, the husband; 3rd, the encouragement of the practice of celibacy amongst the female sex; 4th the non-maintenance of the wife by the husband; 5th, the supersession or abandonment of the wife at the mere pleasure of the husband; 6th, the formation of the contract of marriage for money considerations simply; 7th, the denial of nuptial intercourse except upon special monetary consideration given; 8th, the ruin, in a property point of view, of families; 9th, the contraction of the marriage tie avowedly without any intention even on the part of the husband of fulfilling any one of the duties of that tie; 10th, the binding down the female sex to all the obligations of the marriage state whilst yet withholding from that sex every one of the advantages of that state; 11th, prostitution; and

lastly, the encouragement of the actual crimes of adultery, abortion, and infanticide and of the habit and practice of the concealment of such crimes.

The customs detailed above, as obtaining amongst Bhongo Koolins in the matter of marriage, have, on the whole, we think, been accurately detailed. The evils said to result from these customs are, we have reason to believe, greatly exaggerated, and the abuse of the permission to take a plurality of wives is, we believe, on the decrease; yet we do not doubt but that great evils exist, and those evils divide themselves naturally into two classes: first, that class which is contrary to religion and morality, and second, that which is contrary to established law.

We think that the following extracts, containing a brief view of the Hindu system of religion and morality as applied to the marriage state, will show that the system of polygamy, to whatever extent it is abused by the Bhongo Koolins, is opposed to the ordinances of the Hindu code of religion and morality:—

Brahmins are to shun the allurements of sensual gratification. Indulgence in sensual pleasure incurs certain guilt; abstinence from it heavenly bliss. Neither the Vedas, nor liberality, nor sacrifices, nor strict observances, nor pious austerities ever procure felicity for the man contaminated by sensuality. The husband is to approach his wife in due season; he is to honour and adorn her; when he honours her, the deities are pleased; when he dishonors her, religious acts are fruitless; a wife unless guilty of deadly sin, must not be deserted; the husband who does not approach his wife in due season is reprehensible; he is one person with her, and she cannot by desertion be separated from him; once a wife is given in marriage and the step is irrevocable; only after a wife has treated a husband with aversion for a whole year can he cease to cohabit with her; immorality, drinking spirituous liquors, affliction with an incurable or loathsome disease, mischievousness, waste of property, barrenness after eight years' cohabitation, death of all children after ten years of cohabitation, the production of only female children after eleven years of cohabitation, and speaking unkindly are the sole grounds for supersession of a wife; desertion of a blameless wife is penal; subtraction of conjugal rights is denounced with heavy penalties; supersession of the wife is justifiable on grounds which regard the temper, conduct or health of the wife, and is tolerated on other grounds; where neither justified nor tolerated, it is illegal; abandonment of a blameless and efficient wife, without cause given or without her consent, is illegal; the principles peculiar to the Brahmin forms of marriage are those of equal consent and disinterested motives; immemorial custom, regulating marriage in general and in its different forms, and the relations of husband or wife, is to be observed, and non-observance leads to forfeiture of the fruits of the Vedas.

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Manu, Chapter I, 109, 110 to 115.

", III, 45, 55 to 57.

", VIII, 389.

", IX, 4, 45 to 47, 77, 80, 81.

Strange, Chapter II, pp. 46, 47, 48, 52 to 54.

Macnaghten, Vol. I, 58, 60.
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The above texts clearly seem to us to indicate that the Bhongo Koolins to what extent they marry out of motives of sensuality only, or do not cohabit with, or abandon without any cause or supersede or neglect, or do not maintain their wives, or

disregard the sanctity of the marriage tie generally, act contrary to the plainest injunctions of the Hindoo Shastras.

To the extent that the system of inter-marriages amongst the Bhongo Koolins encourages celibacy amongst women, and exacts a consideration for the contract of marriage; it is questionable whether there is any practice which is at variance with the letter at least of the Hindoo Shastras.

In the matter of celibacy, the whole tenor of the Hindoo system of marriage does certainly advocate the marriage of women even before they have arrived at puberty; penalties are prescribed for those fathers and families who neglect to marry their daughters before they have arrived at puberty, and daughters had formerly even the privilege of giving themselves in marriage in case of protracted neglect on the part of others to give them in marriage, yet on the other hand, perpetual celibacy is inculcated rather than the act of giving the daughter in marriage "to a bridegroom void of excellent qualities."—Manu, Chapter IX, Section 89.

And again on this subject—a father is prohibited from receiving any gratuity, however small, for giving his daughter in marriage, on the principle that he who through avarice takes such a gratuity is a seller of his offspring.—Manu, Chapter III, Section 51.

The case, however, that we have to contemplate is that of a father who gives, not one who takes, a gratuity in order to the marriage of his daughter, and who is not actuated by avarice, but by what the Hindoo Law declares to be the laudable desire of marrying his daughter early in life, and to a Brahmin of excellent qualities, and there is no text that we know of that prohibits a person from taking a consideration on the occasion of marriage.

The utmost that can be said against the taking of this consideration is that it is contrary to the principle on which the four first forms of marriage, which are peculiar to the Brahmins, are based, vis., that both parties to the marriage should be actuated by disinterested motives.—Macnaghten, Vol. I, paragraphs 59, 60.

Looking at the subject generally, however, there cannot be a doubt but that the system of polygamy as practised by the Bhongo Koolins is opposed to the strict ordinances of the Hindoo Shastras, and it is also said to be productive of the special offences against the law which we have named, and we are instructed, if we can, subject to the restrictions imposed upon us by His Excellency the Governor-General in Council, to suggest a legislative measure by which the system may be suppressed.

The root of the evil is in that custom by which Bhongo Koolins of the inferior grades and Bhongshojo Koolins eagerly offer, and Bhongo Koolins of the higher grades as eagerly accept, valuable considerations for the marriage of a woman of the former classes to a man of the latter class.

A law could, of course, be passed, rendering such contracts illegal under penalties on both the contracting parties.

But in the first place it is not clear that the letter of Hindoo Law is not rather in favour of, than against such contracts; and in the second place, in a case such as this, where both parties are interested to conclude the contract in question, it is evident that either the provisions of any law prohibiting such contracts would be evaded, or that violations of any such law would be effectually concealed.

And eyasion of such a law is all the more easy under that part of the Hindoo system of religion and morals which inculcates acceptance by the Brahmin sect of gifts from

the virtuous, if they themselves are poor, and this as one of the means of subsistence.

—Manu, Chapter X, Sections 75, 76.

Systems of registration of marriages, of fines increasing in amount for every marriage after the first, of certificates of all marriages after the first, to be taken out in the Civil Courts, and such like schemes have been suggested and have suggested themselves to us; but in all these schemes even if they were not otherwise objectionable, there would, it seems to us, be an element which would, indirectly at least, affect that "general liberty which is now possessed by all Hindoos to take more than one wife" with which we are instructed not to interfere.

The scheme which has at first sight seemed most feasible is that of framing a Declaratory Law, setting forth what the law is on the subject of polygamy, and prohibiting any infraction of it under penalties.

Such a Declaratory Law would certainly "regulate polygamy amongst the Hindoo inhabitants of Lower Bengal generally," and we are not quite certain, therefore, that, in proposing such a law, we should not be transgressing that part of our instructions which forbids us to "give the express sanction of English legislation to the Hindoo system" of polygamy; but for the sake of considering the subject, we will suppose that we are not prohibited from proposing a Declaratory Law.

Now such a law must, in our judgments, clearly be declaratory of what the Hindoo system of polygamy is, and nothing more and nothing less; if it be more or less, then it ceases to be simply declaratory, and becomes inactive.

The following is that which, after consultation of the best authorities, we find to be the law which, strictly taken, should regulate the practice of polygamy amongst the Hindoos.

We find that, according to one of the ordinances of Manu, a Brahmin is enjoined to marry one wife, and this a woman of his own caste; but that, if he be so inclined, he is permitted to marry more than one wife, during the life-time of his first wife, and he is recommended to select a second, a third, and a fourth wife in the order of the classes, viz., out of the Kshatrya, the Vaisya, and the Sudra classes respectively and consecutively.—Manu, Chapter III, Sections 12,13.

This was an ordinance of the time of Manu, but we are now in the iron age of the Hindoo system, and so a Brahmin is now forbidden to marry any but a woman of his own caste.

It is contended, however, by the advocates of polygamy that the permission to marry a plurality of wives, which formerly extended to women of all the four classes, is to be construed, not so as to abolish polygamy altogether, but simply so as to confine it to inter-marriages amongst the various classes.

To this opinion Strange so far seems to incline, in that he states that it does not appear how many wives a Hindoo is competent to have at one and the same time (Chapter 2, p. 56); and in Section 204, Chapter VIII, Manu, there is a case in which it is evidently contemplated that a man may be the husband of two persons of the same caste at one and at the same time, though, in this instance, the permission was evidently only accorded under circumstances of an exceptional nature; and again, in section 161. Chapter IV, there is a general maxim, a maxim allowing the widest margin conceivable, to the effect that any act, though it be not prescribed, and if it be not prohibited, is lawful provided that it gratifies the mind of him who performs it.

Macnaghten, on the other hand, points out the illogical nature of the deduction made from the texts quoted, and states that action taken in the matter of marriages from this deduction is considered by the Pundits to be reprehensible.—Volume 1, pp. 58, 59.

In our view the texts 12, 13, Chapter 111, Manu, relied on, must be held to be obsolete and inapplicable. Those texts refer to an era in the Hindoo system in which it was permitted to a Brahmin to marry out of his own sect and thus prescribed the order, and put no restraint upon the circumstances under which he might contract such marriages but we are now presumed to be living in a purer era, when marriages of this looser kind, which were before permitted, are now prohibited, and the logical deduction seems to us to be that those texts, which had for their main object the regulation of such marriages, have, with the marriages themselves, become obsolete.

We turn, therefore, to those other authorities which seem to us to declare most definitely the Hindoo system of polygamy.

Immemorial custom, which is defined to be good usages long established, is declared to regulate the laws concerning marriage, and the relationship of husband and wife.—Manu, Chapter 1, Sections 112, 115, and Chapter 2, Section 18.

A Brahmin who has not violated the rules of his order, who has read certain portions of the Vedas, who has obtained the consent of his spiritual guide, and who has performed certain ceremonial ablutions, may then espouse a wife of the same class as himself, who is endowed with certain excellencies, and not marked by certain defects.—Manu, Chapter 111, Sections 2 and 4 and 7 to 11.

On the decease of the wife, the husband may, after performance of sacrifice and the funeral rites, marry again.—Manu, Chapter 5, Section 168.

If a wife drinks spirituous liquors, if she acts immorally, if she shows aversion to her husband, if she be afflicted with any loathsome or incurable disease, if she be mischievous, if she wastes her husband's property, if she be afflicted with a blemish of which the husband was not aware when he married her, if she have been given in marriage fraudulently, if before marriage she bave been unchaste, if, after seven years of married life, she has remained barren, if, in the tenth year of marriage, her children be all dead, if, after ten years of marriage, she has produced only daughters, and if she has spoken unkindly to her husband, she may in some of those contingencies, be altogether abandoned, and in all superseded by her husband—Manu, Chapter IX, Sections 72, 77, 80, 81.

But the wife who is beloved and virtuous, though she be afflicted with disease, may yet not be superseded by another wife without her own consent.—Manu, Chapter IX, Section 82.

These causes are accepted by Strange as those which lead to separation (Chapter 2, p. 47), and he remarks upon the latitude which they give to the will and caprice of the husband, whenever there is in him the disposition to take advantage of the letter of the law.

And further on, he points out that, where supersession of the wife is not justifiable nor permissible, under, we would suppose, any one of the above contingencies, there it is illegal; and he defines illegal supersession to be the abandoning, with a view to another wife, a blameless and efficient wife who has given neither cause nor consent.—Pp. 52 to 54, Chapter 2.

If we have rightly quoted, and if Mr. Justice Strange has rightly interpreted the law, then in any Bill declaratory of law, we should have to propose to give the sanction of English legislation to supersession of a wife on grounds the most trivial and inadequate, to say that she might be superseded, because she was found blemished (perhaps within the meaning of Sections 7 to 11, Manu, Chapter III) or was mischievous (whatever that may mean), or had spoken unkindly, or was barren (and who is to say where the fault of barrenness lies, for if it is with the husband, then under Section 79, Chapter IX, Manu, there is no supersession), or for many other causes more or less ridiculous, or incapable of proof.

On these considerations, we find that it is not in our power to suggest the enactment of any Declaratory Law, neither can we think of any legislative measure that, under the restricted instructions given for our guidance, will suffice for the suppression of the abuses of the system of polygamy as practised by the Koolin Brahmins, and we beg to report to that effect.

C. P. HOBHOUSE.
H. T. PRINSEP.
SUTTO CHURN GHOSAL.
ISHWAR CHANDRA SURMA.
RAMANAUTH TAGORE.
JOY KISSEN MOOKERJEE.
DEGUMBER MITTER.

While subscribing to the report generally, we deem it due to record our opinion separately on the following points:—

- 1.—It is stated in page 6, Clause 4, that among other evils of Koolin polygamy the "number of wives is often as many as 15, 20, and 80." Whatever might have been the case in times gone by we can distinctly state that it is not so now. The rapid spread of education and enlightened ideas as well as the growth of a healthy public opinion on social matters among the people of Bengal, has so sensibly affected this custom that the marrying of more than one wife, except in cases of absolute necessity, has come to be looked upon with general reprobation. Even among Bhongo Koolins of the 1st and 2nd class, the number of wives now-a-days seldom exceeds four or five except in very rare instances, but there is ample reason to believe that this class of people will settle into a monogamous habit like the other classes of the community, as education will become more general among them and the force of social opinion be more widely felt.
- 2.—From the report it will appear that polygamy, as an institution, is confined to a certain class of Rarhi Koolins called Bhongo of the 1st and 2nd order, and that at present the practice even amongst them obtains in a much more mitigated form than a few years before. We need not notice that the number comprised in that class forms but a fraction of the population of Bengal, the catalogue of crimes, therefore, given in page 6 of the report, even if their correctness were unimpeached, must, it can be easily imagined, be infinitesimally small, so far as the same are traceable to polygamy as their immediate cause. However much we deprecate polygamy and lament its abuse, we cannot still conceal from ourselves the fact that the evils which are plausibly enough inferred as inseparably associated with it are

not wholly ascribable to it. They are seen to exist in full force even where polygamy is not known or is considered a crime, and would appear to be simply the natural consequence of an imperfect knowledge of social laws not confined to India alone. A legislative enactment, however stringent and rigidly enforced, might be effectual in diverting those evils from their original course, but it is quite powerless to stop the source from which they take their rise.

3.—Our countrymen are already awakened to a proper sense of the duties which they owe to themselves and to their offsprings, to be swayed by those considerations which rendered polygamy at one time an unavoidable necessity. We are accordingly of opinion that this question may, without injury to public morals, be left for settlement to the good sense and judgment of the people. The Government cannot directly interfere with it without producing serious harm in diverse ways. All that it can and ought to do is to assist in the spread of that enlightenment which has already so much advanced the desired reform.

Some explanation is due from Baboo Joykissen Mookerjee, who had signed the petition, praying for a law for restricting the practice of polygamy. He desires to say that he has always been against this custom, and that when the movement was initiated about ten years ago, he was strongly in favour of it from a belief that the evils flowing from it would not be rooted out without the force of law, and when it was revived last year, he also gave his adhesion. But he is now satisfied by enquiries instituted by himself, as well as from representations made to him by others, that a remarkable change in the opinion of his countrymen has, within the last few years, taken place on this subject, that with other signs of social progress not the least is that which marks with strong disapprobation the old custom of taking a plurality of wives as a means of a man's subsistence, and that it would consequently be in accord with the true interests of morality as well as of the cause of improvement for the State to abstain from interfering in the matter.

RAMANAUTH TAGORE.

JOYKISSEN MOOKERJEE.

DEGUMBER MITTER.

CALCUTTA:

The 1st February 1867.

I sign this report with the following reservations:—

I am of opinion that the evils alluded to in pages cl, cli are not "greatly exaggerated," and that the decrease of these evils is not sufficient to do away with the necessity of legislation.

I would translate the term "speaking unkindly" in page civ to mean "habitually abusing," and the term "mischievous" to mean "exceedingly cruel."

I do not concur in the conclusion come to by the other gentlemen of the Committee. I am of opinion that a Declaratory Law might be passed without interfering with that liberty which Hindoos now by law possess in the matter of marriage.

ISHWAR CHANDRA SURMA.
(VIDYASAGAR.)

The 22nd January 1867.

APPENDIX VIII.

• SANTAL.

Sonthal, Saontar, a large Dravidian tribe, classed on linguistic grounds as Kolarian, which is found in Western Bengal, Northern Orissa, Bhāgalpur and the Santāl Parganās. According to Mr. Skrefsrud the name Santāl is a corruption of Sāontār, and was adopted by the tribe after their sojourn for several generations in the country about Sāont in Midnapur. Before they went to Sāont they are said to have been called Kharwār, the root of which, khar, is a varient of hor, 'man,' the name which all Santāls use among themselves. As regards the derivation of the name of the tribe from Sāont, an obscure village, somewhat off the main line of their recent migrations, it may be observed that Colonel Dalton suggested a doubt whether the name of the place may not have been taken from the tribe, and this view seems to derive some support from his discovery of a small tribe of Sāonts in Sarguja and Keunjhar. The point, however, is not one of great importance. At the present day when a Santāl is asked what caste he belongs to, he will almost invariably reply 'Mānjhi' (literally 'village headman,' one of the commonest titles of the tribe), adding 'Santāl Mānjhi' if further explanation is demanded of him.

In point of physical characteristics the Santāls may be regarded as typical examples of the pure Dravidian stock. Their complexion varies from very dark brown to a peculiar, almost charcoal-like, black; the proportions of the nose approach those of the Negro, the bridge being more depressed in relation to the orbits than is the case with Hindus; the mouth is large, the lips thick and projecting; the hair coarse, black, and occasionally curly; the zygomatic arches prominent, while the proportions of the skull, approaching the dolichocephalic type, conclusively refute the hypothesis of their Mongolian descent.

Santāl tradition traces back the origin of the tribe to a wild goose (hasdak) which laid two eggs. From these sprang Pilchu Haram and Pilchu Burhi, the parents of the race, who begat the first seven sub-tribes. Their earliest abode was Hihiri or Ahiri Pipri, a name which Mr. Skrefsrud derives from hir origin, and which others identify with pargana Ahuri in Hazaribagh. Thence they went westward to Khoj-Kaman, where all of them were destroyed for their wickedness by a deluge of fire-rain, except a single pair who were saved in a cleft of the mountain Hara. From Hara they went to Sasangbera, a plain on the banks of a great river, and after that to Jarpi, where is the great mountain Marang Bur, through which they could find no pass. Here they offered sacrifices to the mountain god, and prayed him to let them through. After a while they found a pass leading into a country called Ahiri, where they dwelled for a time, passing on to Kendi, Chāi, and finally Champa. In Champa they sojourned many generations and the present institutions of the tribe were formed. At last the Hindus drove them out of Champa, and they established themselves in Sāont, and ruled there for two

hundred years. Again pressed by the Hindus, they wandered on under a Raja called Hambir Singh to the eastern part of the Manbhum district near Pachet. Here after a while their Rajas adopted the Hindu religion and set up as Rajputs, so that at the present day they intermarry with the family of the Raja of Sarguja. But the people would not change their religion, so they left their chief to rule over Hindus, and wandered on to the Santāl Parganās where they are settled now.

Neither as a record of actual wanderings nor as an example of the workings of the myth-making faculty does this story of the wandering of the Santals appear to deserve serious consideration. A people whose only means of recording facts consists of tying knots in strings and who have no bards to hand down a national epic by oral tradition, can hardly be expected to preserve the memory of their past long enough or accurately enough for their accounts of it to possess any historical value. An attempt has indeed been made by Mr. Skrefsrud to prove from these legends that the Santāls must have entered into India from the north-west, just as Colonel Dalton uses the same data in support of his opinion that the tribe came originally from Assam. The one hypothesis is as tenable or as untenable as the other, and all that can be said is that there is not a fraction of substantial evidence in support of either. If, however, the legends of the Santāls are regarded as an account of recent migrations, their general purport will be found to be fairly in accord with actual facts. Without pressing the conjecture mentioned above, that Ahiri Pipri may be no other than pargana Ahuri in the north-west of Hazaribagh district, it is clear that a large and important Santāl colony was once settled in Parganās Chai and Champā in the same district. A tradition is noticed by Colonel Dalton of an old fort in Chai occupied by one Jaura, a Santāl Raja, who destroyed himself and his family on hearing of the approach of a Muhammadan army under Sayyid Ibrāhim Ali alias Malik Bayā, a general of Muhammad Tughlak's, who died in 1353. This tradition, so far as it refers to the existence of a Santāl fort in Chai Champā, is to some extent corroborated by the following passage from the legends of the Southern Santāls collected by the Revd. J. Phillips and published in Appendix G to Annals of Rural Bengal, ed. 1868:-"Dwelling there (in Chai Champa) they greatly multiplied. There were two gates, the Ahin gate and the Bahini gate, to the fort of Chai Champa." If, moreover the date of the taking of this fort by Ibrahim Ali were assumed to be about 1340 A. D., the subsequent migrations of which the tribal legends speak would fill up the time intervening between the departure of the Santals from Chai Champa and their settlement in the present Santal Parganas. Speaking generally, these recent migrations have been to the east, which is the direction they might prima facie have been expected to follow. The earlier settlements which Santal tradition speaks of, those in Ahiri Pipri and Chai Champa, lie on the north-western frontier of the tableland of Hazaribagh and in the direct line of advance of the numerous Hindu immigrants from Bihar. That the influx of Hindus has in fact driven the Santāls eastward is beyond doubt, and the line which they are known to have followed in their retreat corresponds on the whole with that attributed to them in their tribal legends,

The internal structure of the Santāl tribe is singularly complete and elaborate. There are twelve exogamous septs, (1) Hāsdak, (2) Murmu, (3) Kisku, (4) Hembrom,

(5) Marndi, (6) Saren, (7) Tudu, (8) Baske, (9) Besra, (10) Pāuria, (11) Chore, (12) Bedea. The first seven are believed to be descended from the seven sons of Pilchu Haram and Pilchu Burhi or Ayo. The five others were added afterwards. All are exogamous. In order that members of the various septs may recognise each other when they meet, each sept, except Pāuria, Chore, and Bedea, has certain pass-words peculiar to itself, which are supposed to be the names of the original homes of the septs in Champa or in one of the earlier settlements of the tribe. The pass-words are as follows:-(1) Hāsdak-Tatijhāri, Gangijauni, Kārā Guja, Sohodoro; (2) Murmu-Champāgarh, Bagsumbha, Naran Mānjhi; (3) Kisku-Kundagarh; (4) Hembrom-Kunda, Khairigarh, Jalaghatia; (5) Marndi -Badoligarh, Jelen Sinjo, Dhano Manjhi; (6) Saren-Anbali, Barha, Pero Parganā; (7) Tudo-Simgarh, Sukrihutup Baru Mānjhi; (8) Baske-Ranga, Chunukjhandu; (9) Besra-Dhokrapalania, Gulu, Phagu Mānjhi. These pass-wards or shibboleths seem to serve among the Santāls the purpose for which Australian and North American savages tattoo the totem on the body. They preserve the memory of the tie of blood which connects the members of the sept, and thus furnish an additional security against unconscious incest. They further go to show that the sept in its earlier form must have been a group of purely local character analogous to the communal septs. If due allowance is made for the causes which must tend in course of time to scatter the members of any particular sept over a number of different villages, it will be seen to be a remarkable circumstance not that so few local septs are now to be found, but that any traces of such an organization have survived to so late a period.

Concerning the origin of the five additional septs the following stories are told. The eighth tribe, Baske, at first belonged to the seven, but by reason of their offering their breakfast (baske) to the gods while the Santals were still in Champa. they were formed into a separate sept under the name of Baske. (No. 9) were separated on account of the immoral behaviour of their eponym, who was called Besra, the licentious one. The tenth sept, Pāuria, are called after the pigeon, and the eleventh, Chore, after the lizard; and the story is that on the occasion of a famous tribal hunting party the members of these two septs failed to kill anything but pigeons and lizards, so they were called after the names, of these animals. The twelfth sept, the Bedea, was left behind and lost when the Santals went up out of Champa. They had no father, so the story goes—at least the mother of their first ancestor could not say who his father was and for this reason they were deemed of lower rank than the other septs. This septs is believed to have arisen during the time of Mando Singh in Champa when the Santals had begun to come in contact with the Hindus. Some Santāls say the father was a Rājput and the mother a girl of the Kisku sept. There would be nothing antecedently improbable in the conjecture that the well-known gypsy tribe of Bedea may owe its origin to the liaison of a Rajput with a Santal girl; but the mere resemblance of the names is a slender foundation for any such hypothesis. Santāls are very particular about the honour of their women, so far at least as outsiders are concerned, and it is quite in keeping with their ideas that a sept formed by a liaison with a Hindu should have been looked down upon, and eventually banished from the community. Any way it seems to be clear that the legendeneed not be taken to indicate the prevalence of the custom of female kinship in the tribe.

No Santāl may marry within his sept (paris), nor within any of the sub-septs (khuni) (shown below) into which the sept is divided. He may marry into any other sept, including the sept to which his mother belonged. A Santāl proverb says:—No one heeds a cow track or regards his mother's sept.

Although no regard is paid in marriage to the mother's sept, the Santals have precisely the same rule as the Kandhs concerning the sub-sept or khunt. A man may not marry into the sub-sept or khunt to which his mother belonged, though it is doubtful whether the Santals observe this rule for as many generations in the descending line as is customary among the Kandhs. Many of the sub-septs have curious traditional usages, some of which may be mentioned here. At the time of the harvest festival in January the members of the Sidup-Saren sub-sept set up a , sheaf of rice on end in the doorway of their cattle-sheds. This sheaf they may not touch themselves, but some one belonging to another sub-sept must be got to take it away. Men of the Sādā-Saren sub-sept do not use vermilion in their marriage ritual; they may not wear clothes with a red border on such occasions, nor may they be present at any ceremony in which the priest offers his own blood to propitiate the gods. The Jugi-Saren, on the other hand, smear their foreheads with sindur at the harvest festival, and go round asking alms of rice. With the rice they get they make little cakes which they offer to the gods. The Mānjhi-Khil-Saren, so called because their ancestor was a Mānjhi or village headman, are forbidden, like the Sādā-Saren, to attend when the priest offers up his own blood. The Nāiki-Khil-Saren, who claim descent from a nāiki or village priest may not enter a house the inmates of which are ceremonially unclean. They have a jahirthan or sacred grove of their own, distinct from the common jahirthan of the village, and they dispense with the services of the priest who serves the rest of the village. The Ok-Saren sacrifice a goat or a pig inside their houses, and during the ceremony they shut the doors tight and allow no smoke to escape. The word ok means to suffocate or stifle with smoke. The Mundu or Badar-Saren offer their sacrifices in the jungle, and allow only males to eat the flesh of the animals that have been slain. The Māl-Saren may not utter the word mal when engaged in a religious ceremony or when sitting on a panchayat to determine any tribal questions. The Jihu-Saren may not kill or eat the jihu or babbler bird, nor may they wear a particular sort of necklace known as jihu mala from the resemblance which it bears to the babbler's eggs. The jihu is said to have guided the ancestor of the sept to water when he was dying of thirst in the forest. The Sankh-Saren may not wear shell necklaces or ornaments. The Barchir Saren plant a spear in the ground when they are engaged in religious or ceremonial observances. The Bitol-Saren are so called because their founder was excommunicated on account of incest.

Girls are married as adults mostly to men of their own choice. Sexual intercourse before marriage is tacitly recognized, it being understood that if the girl becomes pregnant the young man is bound to marry her. Should he attempt to evade this obligation, he would be severely beaten by the Jag-mānjhi, and in addition to this his father would be required to pay a heavy fine. It is curious to hear that in the Santāl Parganās, shortly after the rebellion of 1855, it became the fashion among the more wealthy Santāls to imitate the usages of high-caste Hindus and marry their daughters between the ages of eight and twelve. This fashion has, however, since been abandoned, and it is now very unusual for a girl to be married

before she attains puberty. Polygamy is not favoured by the custom of the tribe. A man may take a second wife if his first wife is barren, or if his elder brother dies he may marry the widow. But in either case the consent of his original wife must be obtained to the arrangement. Instances no doubt occur in which this rule is evaded, but they are looked upon with disfavour.

There seem to be indications that fraternal polyandry may at some time have existed among the Santāls. Even now, says Mr. Skrefsrud, a man's younger brother may share his wife with impunity; only they must not go about it very openly. Similarly a wife will admit her younger sister to intimate relations with her husband, and if pregnancy occurs scandal is avoided by his marrying the girl as a second wife. It will of course be noticed that this form of polyandry need not be regarded as a survival of female kinship.

The following forms of marriage are recognized by the Santals and distinguished by separate names:—(1) Regular marriage (bapla or kiring behu, literally bridepurchase); (2) Ghardi jawae; (3) Itut; (4) Nir-bolok; (5) Sanga; (6) Kiring jawae or husband-purchase. The negotiations antecedent to a regular marriage are opened by the father of the young man who usually employs a professional matchmaker to look for a suitable girl. If the match-maker's proposals are accepted by the girl's parents, a day is fixed on which the girl, attended by two of her friends, goes to the house of the Jag-manjhi or superintendent of morals, in order to give the bridegroom's parents an opportunity of looking at her quietly. A similar visit of inspection is made by the bride's parents to the bridegroom's house, and if everything is found satisfactory the betrothal is concluded and an instalment of the bride-price is paid. The ordinary price of a girl is Rs. 3 and the bridegroom must also present a cloth (sari) to the girl's mother and to both her grandmothers if alive. If more than this is paid, the bridegroom is entitled to receive a present of a cow from his father-in-law. In the case known as a golat marriage, when two families, each having a daughter and a son of marriageable age, arrange a double wedding, one daughter is set off against the other, and no bride-price is paid by either party. For a widow or a woman who has been divorced the bride-price is only half the standard amount, the idea being, as the Santals pointedly put it, that such women are only borrowed goods, and must be given back to their first husbands in the next world. As the second husband has the use of his wife only in this world, it is clearly fair that he should get her for half-price. In an early stage of the marriage ceremony both bride and bridegroom separately go through the form of marriage to a mahua tree (Bassia latifolia). In the case of the bride a double thread is passed three or five times from the little toe of her left foot to her left ear, and is then bound round her arm with some blades of rice and stems of dhuba grass (Cynodon dactylon) grass. The conjecture suggests itself that this may be a survival of some form of communal marriage, but from the nature of the case no positive evidence is available to bear out this hypothesis, or to throw any light upon the symbolism of the usage. The essential and binding portion of the ritual is sindurdan, the smearing of vermilion on the bride's forehead and on the parting of her hair. This rite, however, is supposed to have been borrowed from the Hindus, The original Santal ceremony is believed to have been very simple. The couple went away together into the woods and on their return were shut up by themselves in a room. When they came out they were considered to be man

and wife. A practice closely resembling this was found by Colonel Dalton to be in vogue among the Birhors, and it is quite in keeping with what is known of the doings of primitive man in the matter of marriage. The memory of it, however, only survives among the Santāls in the form of a vague and shadowy tradition upon which no stress can be laid. Sindurdan, on the other hand, is nothing but a refined and specialised form of the really primitive usage of mixing the blood of a married couple and making them drink or smear themselves with the mixture, and although it is possible that the Santāls may have borrowed sindurdan from the Hindus, there are certainly good grounds for believing that the Hindus themselves must have derived it from the Dravidian races.

The second mode of marriage, ghardi jawae, is resorted to when a girl is ugly or deformed and there is no prospect of her being asked in marriage in the ordinary way. An instance has been reported to me in which a girl who had on one foot more than the proper number of toes was married in this fashion. The husband is expected to live in his father-in-law's house and to serve him for five years. At the end of that time he gets a pair of bullocks, some rice and some agricultural implements, and is allowed to go about his business.

The third form, itut, is adopted by pushing young men who are not quite sure whether the girl they fancy will accept them, and take this means of compelling her to marry them. The man smears his fingers with vermilion or, failing that, with common earth, and, watching his opportunity at market or on any similar occasion, marks the girl he is in love with on the forehead and claims her as his wife. Having done this, he runs away at full speed to avoid the thrashing he may expect at the hands of her relations if he is caught on the spot. In any case the girl's people will go to his village and will obtain from the headman permission to kill and eat three of the offender's or his father's goats, and a double bride-price must be paid for the girl. The marriage, however, is legal, and if the girl still declines to live with the man, she must be divorced in full form and cannot again be married as a spinster. It is said that an itut marriage is often resorted to out of spite in order to subject the girl to the humiliation of being divorced.

The fourth form, nirbolok (nir, to run, and bolok to enter) may be described as the female variety of itut. A girl who cannot get the man she wants in the regular way takes a pot of handia or rice-beer, enters his house and insists upon staying there. Etiquette forbids that she should be expelled by main force, but the man's mother, who naturally desires to have a voice in the selection of her daughter-in-law, may use any means short of personal violence to get her out of the house. It is quite fair, for example, and is usually found effective, to throw red pepper on the fire, so as to smoke the aspiring maiden out; but if she endures this ordeal without leaving the house, she is held to have won her husband and the family is bound to recognize her.

The fifth form, sauga, is used for the marriage of widows and divorced women. The bride is brought to the bridegroom's house attended by a small party of her own friends, and the binding proportion of the ritual consists in the bridegroom taking a dimbu flower, marking it with sindur with his left hand, and with the same hand sticking it in the bride's back hair.

The sixth form, Kiring jawae, is resorted to in the comparatively rare case when a girl has had a liaison with, and become pregnant by, a man of her sept

whom she cannot marry. In order that scandal may be avoided, some one is procured to accept the post of husband, and in consideration of his services he gets two bullocks, a cow, and a quantity of paddy from the family of the man by whom the girl is pregnant. The headman then calls the villagers together, and in their presence declares the couple to be man and wife, and enjoins the girl to live with, and be faithful to, the husband that has provided for her.

A widow may marry again. It is thought the right thing for her to marry her late husband's younger brother, if one survives him, and under no circumstances may she marry his elder brother. Divorce is allowed at the wish of either husband or wife. If neither party is in fault, the one who wants a divorce is expected to bear the expenses. The husband, for example, in such a case would not be entitled to claim a refund of the bride-price originally paid, and would also have to pay a fine and give the woman certain customary dues. If, on the other hand, it is the wife who demands a divorce without just cause, her father has to make good the bride-price in addition to a fine for her levity of behaviour. The divorce is effected in the presence of the assembled villagers by the husband tearing asunder three sal (Shoorea robusta) leaves in token of separation, and upsetting a brass pot full of water.

In the matter of inheritance Santāls follow their own customs, and know nothing of the so-called codes which govern the devolution of property among Hindus. Sons inherit in equal shares; a daughter has no claim to a portion as of right, but usually gets a cow given to her when the property is divided. Failing sons, the father takes; failing him, the brothers; after them, the male agnates. Failing agnates, the daughter inherits with succession to her children. If a man dies leaving young sons, his widow manages the property till all the sons are old enough to divide and start separate households. She then takes up her abode with the youngest. Should the widow marry outside the family, the mail agnates take the property in trust till the sons are of age, and she gets nothing. If a man has male relatives, he cannot give away his property even to a son-in-law. Wills are unknown.

According to Mr. Skrefsrud traces may be discerned in the background of the Santal religion of a faineant Supreme Deity called Thakur, whom the Santals have long ceased to worship for the sufficient reason that he is too good to trouble himself about anybody and does neither good nor ill to mankind. Some identify him with the Sun, whom the Santals regard as a good god and worship every fifth or tenth year with sacrifices of slain goats. But this point is uncertain, and I am myself inclined to doubt whether a god bearing the Hindu name Thakur, and exercising the supreme powers which mark a comparatively late stage of theological development, can really have formed part of the original system of the Santāls. However this may be, the popular gods of the tribe at the present day are the following:-(1) Marang Buru, the great mountain or the high one, who now stands at the head of the Santal Pantheon, and is credited with very far-reaching powers, in virtue of which he associates both with the gods and with the demons. (2) Moreko, fire, now a single god but formerly known to the Santāls under the form of five brothers. (3) Jāir Era, a sister of Moreko, the goddess of the sacred grove set apart in every village for the august presence of the gods. (4) Gosain Era, a younger sister of Moreko. (5) Pargana, chief of the Bongas or gods and more

especially master of all the witches, by reason of which latter functions he is held in especial reverence. (6) Mānjhi, a sort of second-in-command to Parganā, a personage who is supposed to be particularly active in restraining the gods from doing harm to men. The two latter are clearly deities constructed on the model of the communal and village officials whose names they bear. The idea is that the gods, like men, need supervising officials of this sort to look after them and keep them in order. All the foregoing gods have their allotted place in the sacred grove (Jahirthan), and are worshipped only in public. Marang Buru alone is also worshipped privately in the family.

Each family also has two special gods of its own-the Orak-bonga or household god and the Abge-bonga or secret god. The names of the Orak-bongas are (1) Baspahar, (2) Deswāli, (3) Sās, (4) Goraya, (5) Barpahar, (6) Sarchawdi, (7) Thuntatursa. The Abge-bongas are the following:-(1) Dharasore or Dharasanda, (2) Ketkomkudra, (3) Champa-denagarh, (4) Garhsinka, (5) Lilachandi, (6) Dhanghara. (7) Kudrachandi, (8) Bahara, (9) Duārseri, (10) Kudraj, (11) Gosāin Erā, (12) Achali, (13) Deswali. No Santal would divulge the name of his Orak-bonga and Abgebonga to any one but his eldest son; and men are particularly careful to keep this. sacred knowledge from their wives for fear lest they should acquire undue influence with the bongas, become witches, and eat up the family with impunity when the protection of its gods has been withdrawn. The names given above were disclosed to Mr. Skrefsrud by Christian Santals. When sacrifices are offered to the Orak-bongas the whole family partake of the offerings; but only men may touch the food that has been laid before the Abge-bongas. These sacrifices take place once a year. No regular time is fixed, and, each man performs them when it suits his convenience.

There still lingers among the Santāls a tradition of a 'mountain-god' (Burubonga) of unknown name, to whom human sacrifices used to be offered, and actual instances have been mentioned to me of people being kidnapped and sacrificed within quite recent times by influential headmen of communes or villages, who hoped in his way to gain great riches or to win some specially coveted private revenge.

These are not the motives which prompted human sacrifice among the Kandhs of Orissa, a tribe whose internal structure curiously resembles that of the Santāls. The Kandh sacrifice was undertaken for the benefit of the entire tribe, not in the interest of individual ambition or malevolence. It is curious to hear that one of the men credited with this iniquity was himself murdered during the Santāl rebellion of 1855, by being slowly hewn in pieces with axes, just as his own victims had been—a mode of execution which certainly recalls the well-known procedure of the Kandhs.

The chief festival of the Santāls is the Sohrai or harvest festival, celebrated in Posh (November-December), after the chief rice crop of the year has been got in. Public sacrifices of fowls are offered by the priest in the sacred grove; pigs, goats and fowls are sacrificed by private families, and a general saturnalia of drunkenness and sexual license prevails. Chastity is in abeyance for the time, and all unmarried persons may indulge in promiscuous intercourse. This license, however, does not extend to adultery, nor does it sanction intercourse between persons of the same sept, though even this offence, if committed during the Sohrai, is punished less severely than at other times. Next in importance is the Baha puja kept in Phalgun

(February-March) when the sal tree comes into flower. Tribal and family sacrifices are held, many victims are slain and eaten by the worshippers, every one entertains their friends, dancing goes on day and night, and the best songs and flute-music are performed. A peculiar feature of this festival is a sort of water-bottle in which men and women throw water at each other until they are completely drenched.

Mention may also be made of Erok-sim, the sowing festival kept in Asar (May-June); Hariar-sim, the feast of the sprouting of the rice in Bhadra (September-October): Trigundlinauai, the offering of the first fruits of the millets iri (Panicum millaceum) and gundli (Panicum frumentaceum) also in Bhadra; Janthar puja in Aghran (October-November), the first fruit of the winter rice crop, Sankrant puja on the 1st day of Posh, when bread and Chira and molasses are offered to dead ancestors; Māgh-sim in the month of Magh, when the jungle grass is cut. This is the end of the Santal year. Servants are paid their wages and fresh engagements are entered into. On this occasion all the village officials, the Manjhi Paramanik, Jag-Mānihi, Jag-pāramānik, Gorait, Nāiki, and Kudam-naiki go through the form of resigning their appointments, and all the cultivators give notice of throwing up their lands. After ten days or so the Manjhi or headman calls the village together and says he has changed his mind and will stay on as manjhi if the village will have him. His offer is accompanied with free drinks of rice-beer, and is carried by acclamation. One by one the other officials do the same; the ryots follow suit, and after a vast amount of beer has been consumed the affairs of the village go on as they did before. The Sima-bonga or boundary gods are propitiated twice a year with sacrifices of fowls offered at the boundary of this village where these gods are supposed to live. Jomsim puja is an offering of two goats, or a goat and a sheep, to the sun. Every Santal ought to perform this sacrifice at least once in his life. After a year's interval it is, or ought to be, followed by Kutam dangra, when a cow is offered to the household god, and an ox to Marang Buru and to the spirits of dead ancestors. Makmore puja, literally 'cut five' is the sacrifice of three goats and many fowls offered to More-ko, the god of fire, supposed to have been originally five brothers on occasions of public calamity, such as a failure of the crops, an outbreak of epidemic disease, and the like.

The communal organization of the Santāls is singularly complete. The whole number of villages comprising a local settlement of the tribe is divided into certain large groups, each under the superintendence of a parganait or circle headman. This official is the head of the social system of the inhabitants of his circle; his permission has to be obtained for every marriage, and he, in consultation with a panchayat of village headmen, expels or fines persons who infringe the tribal standard of propriety. He is remunerated by a commission on the fines levied, and by a tribute in kind of one leg of the goat or animal cooked at the dinner, which the culprits are obliged to give. Each village has, or is supposed to have, the following establishment of officials holding rent-free land:—

- I. Manjhi.—Headman, usually also ijardar where the village is held on lease under a zamindar, collects rents, and allots land among the ryots, being paid for this by the proceeds of the man land which he holds free of rent. He receives Re. I as marocha at each wedding, giving in return a full handi of rice-beer.
- 2. Paramanik.—Assistant headman, also holding some man land.

- 3. Jag-Manjhi.
- 4. Jag-Paramanik.

Executive officers, respectively of the manjhi and the paramanik who, as the Santāls describe it, "sit and give orders," which the Jag-Manjhi and Jag-Paramanik carry out.

- 5. Naiki.—Village priest of the aboriginal deities.
- 6. Kudam-Naiki.—Assistant priest, whose peculiar function it is to propinate the spirits (bhuts) of the hills and jungles by scratching his arms till they bleed, mixing the blood with rice, and placing it in spots frequented by the bhuts.
- 7. Gorait.—Village messenger, who holds man land and acts as peon to the headman. The gorait is also to some extent a servant of the zamindar. His chief duty within the village is to bring to the manjhi and paramanik any ryot they want.

The communal circles of the Santāls seem to correspond closely to the *mutas* of the Khands and the *parhas* of the Mundas and Oraons. It is a plausible conjecture that among all these tribes this organization was once connected with marriage as it is among the Khands at the present day.

MUNDA.

Mura, Horo-hon, a large Dravidian tribe of Chota Nāgpur, classed on linguistic grounds as Kolarian, and closely akin to the Hos and Santāls, and probably also to the Kandhs. The name Munda is of Sanskrit origin. It means headman of a village, and is a titular or functional designation used by the members of the tribe, as well as by outsiders, as a distinctive name much in the same way as the Santāls call themselves Mānjhi, the Bhumij Sardār, and the Khambu of the Darjeeling hills Jimdār. The general name Kol, which is applied to both Mundas and Oraons, is interpreted by Herr Jellinghaus to mean pig-killer, but the better opinion seems to be that it is a variant of horo, the Mundāri for man. The change of r to l is familiar and needs no illustration, while in explanation of the conversion of k into k, we may cite hon, the Mundari for 'child,' which in Korwa becomes kon and koro, the Muāsi form of horo, 'a man.' It may be added that the Kharias of Chota Nāgpur call the Mundas Kora, a name closely approaching Kol.

The Munda myth of the making of mankind tells how the self-existent primeval deities Ote Borām and Sing Bonga created a boy and a girl and put them together in a cave to people the world. At first they were too innocent to understand what was expected of them, but the gods showed them how to make rice-beer, which inflames the passions, and in course of time their family reached the respectable number of twelve of either sex. As is usual in myths of this class, the children were divided into pairs; and Sing Bonga set before them various kinds of food for them to choose from before starting in the world. The fate of their descendants depended on their choice. Thus "the first and second pair took bullocks' and buffaloes' flesh, and they originated the Kols (Hōs) and the Bhumij (Matkum); the next took of the vegetables only, and are the progenitors of the Brāhmans and Chhatris, others took goats and fish, and from them are the Sudras. One pair took shell-fish and became Bhuiyās; two pairs took pigs and became Santāls. One pair got nothing, seeing which the first pairs gave them of their superfluity; and from the pair thus provided spring the Ghasis, who toil not, but live by preying on others."

The Mundas are divided into thirteen sub-tribes, several of which, such as Kharia-Munda, Mahili-Munda, Oraon-Munda, appear to be the result of crosses with neighbouring tribes, while others again, like Bhuinhār-Munda and Mānki-Munda have reference to the land and communal system of the tribe. The Mahili-Munda sub-tribe has the pig for its totem, and for them pork is tabooed. But appetite has proved stronger than tradition, and the taboo is satisfied by throwing away the head of the animal, the rest of the carcase being deemed lawful food. The septs or kilis, which are very numerous, are mainly totemistic, and the totem is taboo to the members of the sept which bears its name. A list of the septs is given below. If it were possible to identify them all, and to ascertain precisely to what extent and in what manner the taboo of the totem is observed by each, the information would probably throw much light upon the growth of yearly tribal societies.

A Munda may not marry a woman of his own sept. The sept-name goes by the father's side, and intermarriage with persons nearly related through the mother is guarded against by reckoning prohibited degrees in the manner common in Behār. Adult marriage is still in fashion and sexual intercourse before marriage is tacitly recognised, but in all respectable families matches are made by the parents, and the parties themselves have very little to say in the matter. The bride-price varies from R4 to R20. Sindurdan, or the smearing of vermilion on the bride's forehead by the bridegroom and on the bridegroom's forehead by the bride, is the essential and binding portion. The practice described by Colonel Dalton of marrying the bride to a mahua tree [Bassia latifolia] and the bridegroom to a mango seems now to have been abandoned. Traces still survive among the Mundas of a form of marriage, resembling the Santāli nirbolok. It is called dhuko era, meaning a bride who has entered the household of her own accord. The children of a woman thus married seem to have an inferior status in respect of their rights to inherit the landed property of their father. The late Babu Rākhāl Dās Hāldār, Manager of the estate of the Maharaja of Chota Nagpur, gave me an illustration of this fact. Some years ago the munda or headman of one of the villages of the Government estate of Barkagarh died, leaving an only son by a dhuko era wife, and a question was raised as to the latter's right to succeed. Under Colonel Dalton's orders, a number of headmen of villages were called together, and their opinions were taken. No decided results, however, could be arrived at. Some thought the son should get the whole property. Others proposed to exclude him altogether, and a third party considered him entitled to maintenance. Eventually the question was compromised by admitting the son's right to one-fourth of the land and the whole of the personal property. The case is a curious comment on the uncertainty of tribal custom. Widows may marry again by the ritual known as sagai in which singurdan is performed with the left hand. Divorce is allowed at the instance of either party, and divorced women are permitted to marry again. In cases of adultery the seducer is required to pay to the husband the full amount of the bride-price.

At the head of the Munda religion stands Sing-Bonga, the sun, a beneficent but somewhat inactive deity, who concerns himself but little with human affairs and leaves the details of the executive government of the world to the gods in charge of particular branches or departments of nature. Nevertheless, although Sing-Bonga himself does not send sickness or calamity to men, he may be invoked to avert such disasters, and in this view sacrifices of white goats or white cocks are offered to him

by way of appeal from the unjust punishments believed to have been inflicted by his subordinates. Next in rank to Sing-Bonga comes Buru-Bonga or Marang-Buru, also known as Pāt-Sarnā, a mountain god, whose visible habitation is usually supposed to be the highest or most remarkable hill or rock in the neighbourhood. "In Chota Nagpur," says Colonel Dalton, "a remarkable bluff, near the village of Lodhma is the Marang-Buru or Maha-Buru for a wide expanse of country. Here people of all castes assemble and sacrifice-Hindus, even Mahomedans, as well as Kols. There is no visible object of worship; the sacrifices are offered on the top of the hill, a bare semi-globular mass of rock. If animals are killed, the heads are left there, and afterwards appropriated by the pahan or village priest." Marang-Buru is regarded as the god who presides over the rainfall, and is appealed to in times of drought, as well as when any epidemic sickness is abroad. The appropriate offering to him is a buffalo. Ikir Bonga rules over tanks, wells and large sheets of water; Garhāera is the goddess of rivers, streams and the small springs which occur on many hill sides in Chota Nagpur; while Nage or Naga-era is a general name applied to the minor deities or spirits who haunt the swampy lower level of the terraced rice-fields. All of these are believed to have a hand in spreading disease among men, and require constant propitiation to keep them out of mischief. White goats and black or brown cocks are offered to Ikir Bonga and eggs and turmeric to the Nage. Deswall or Kara-Sarnā is the god of the village, who lives with his wife Jāhir Burhi or Sarhul-Sarnā in the Sarna or sacred grove, a patch of the forest primeval left intact to afford a refuge for the forest gods. Every village has its own Deswali, who is held responsible for the crops, and receives periodical worship at the agricultural festivals. His appropriate offering is a kara or he-buffalo; to his wife fowls are sacrificed. Gumi is another of the Sarna deities whose precise functions I have been unable to ascertain. Bullocks and pigs are sacrificed to him at irregular intervals. Chandor appears to be same as Chando Omol or Chanala, the moon worshipped by women, as the wife of Sing-Bonga and the mother of the stars. Colonel Dalton mentions the legend that she was faithless to her husband, and he cut her in two, 'but repenting of his anger he allows her at times to shine forth in full beauty.' Goats are offered to her in the Sarna. Haprom is properly the homestead, but it is used in a wider sense to denote the group of dead ancestors who are worshipped in the homestead by setting apart for them a small portion of every meal and with periodical offerings of fowls. They are supposed to be ever on the watch for chances of doing good or evil to their descendants and the Munda fully realise the necessity for appeasing and keeping them in good humour.

The festivals of the tribe are the following:—(1) Sarhul or Sarjum-Bābā, the spring festival corresponding to the Baha or Bah-Bonga of the Santāls and Hos in Chait (March-April) when the sāl [Shorea robusta] tree is in bloom. Each household sacrifices a cock and makes offerings of sal flowers to the founders of the village in whose honour the festival is held. (2) Kadletā or Batauli in Asarh at the commencement of the rainy season. "Each cultivator," says Colonel Dalton, "sacrifices a fowl, and after some mysterious rites a wing is stripped off and inserted in the cleft of a bamboo and stuck up in the rice-field and dung-heāp. If this is omitted, it is supposed that the rice will not come to maturity." (3) Nanā or Jom-Nana, the festival of new rice in Asin, when the highland rice is harvested. A white cock is sacrificed to Sing-Bonga, and the first fruits of the harvest are laid before him.

Until this has been done, it would be an act of impiety to eat the new rice. (4) Khāria puja or Kolom Singh, called by the Hos Deswāli Bonga or Magh Parab celebrating the havesting of the winter rice, the main crop of the year. Five fowls and various vegetables are offered to Deswali, the god of the village at the kalihan or threshing floor. Among the Hos of Singbhum the festival is kept as a sort of saturnale, during which the people give themselves up to drunkenness and all kinds of debauchery. This is less conspicuously the case with the Mundas of the plateau who live scattered among Hindu and Christian neighbours, and do not form a compact tribal community like the Hos of the Kolhān. The festival, moreover, is kept by the Mundas on one day only, and is not spread over a month or six weeks, during which time the people of different villages vie with each other in dissipation, as they do in the Kolhān.

The funeral ceremonies of Mundas do not differ materially from those of the Hos.

Succession among the Mundas is governed by their own customs, which appear to have been little affected by the influence of Hindu law. Property is equally divided among the sons, but no division is made until the youngest son is of age. With them, as with the Santāls, daughters get no share in the inheritance; they are allotted among the sons just like the live stock. "Thus if a man dies, leaving three sons and three daughters and thirty head of cattle, on a division each son would get ten head of cattle and one sister; but should there be only one sister they wait till she marries and divide the pan," or bride-price, which usually consists of about six head of cattle. Among the Hos of Singhbhum the brides-price is higher than with the Mundas, and the quest ion of its amount has there been found to affect seriously the number of marriages.

According to ancient and universal tradition, the central tableland of Chota Nagpur Proper was originally divided into parhas or rural communes, comprising from ten to twenty-five villages, and presided over by a divisional chief, called the raja or munda of the parha. In 1839, titular rajas of the parha were still existing in the Fiscal Division of Khukrā near Rānchi, who retained considerable authority in tribal disputes, and at times of festival and hunting. element in the Munda village system has now fallen into decay, and survives only in the jhandas or flags of the parha villages, and in the peculiar titles bestowed on the cultivators themselves. The exclusive right to fly a particular flag at the great dancing festivals is jealously guarded by every Munda village, and serious fights not unfrequently result from the violation of this privilege. Besides this, individual villages in a parha bear specific titles, such as raja, diwan kunwar, thakur, chhota lal, etc., similar to those which prevail in the household of the reigning family, which obviously refer to some organization which no longer exists. I am informed that these officials still make the arrangements for the large hunting parties which take place at certain seasons of the year.

A Kol village community consists, when perfect, of the following officers:—Munda, mahato, pahn, bhandari, gorait, goala, and lohar. Washermen, barbers and potters have been added since 1839, and even now are only found near much frequented halting places, and in villages where the larger Hindu tenute-holders live. The Kols invariably shave themselves, and their women wash the clothes.

- (1) Munda.—The munda is the chief of the bhuinhars, or descendants of the original clearers of the village. He is a person of great consequence in the village and all demands from the bhuinhars, whether of money or labour, must be notified by the owner of the village through the munda. He is remunerated for his trouble by the bhuinhari land, which he holds at a low rate of rent, and receives no other salary. In pargana Lodhmā, and in the south-eastern portion of Lohardagā, he sometimes performs the mahato's duties as well as his own, and he then gets a small jagir of half a pawa of land rent-free.
- (2) Mahato.—The functions of a mahato have been compared to those of a patwari or village accountant, but he may be more aptly described as a rural settlement officer. He allots the land of the village among the cultivators, giving to each man a goti or clod of earth as a symbol of possession; he collects the rent, pays it to the owner, and settles any disputes as to the amount due from the raiyats; and, in short, manages all pecuniary matters connected with the land. He is appointed by the owner of the village, and receives one pāwa of rajas land rent-free as a jagir or service tenure. But the office is neither hereditary nor permanent, and the mahato is liable to be dismissed at the landlord's discretion. Dismissal, however, is unusual, and the mahato is often succeeded by his son. Where the mahato collects the rents, he almost universally receives a fee, called batta, of half an anna from each cultivator, or of one anna for every house in the village. In one village batta amounts to four annas and a half on every pawa of land. Occasionally, where there is no bhandari or agent for the owner's rent-paying land, the mahato gets three bundles (karais) of grain in the straw, containing from ten to twenty seers apiece, at every harvest. Thus during the year he would receive three bundles of gondli [Sorghum vulgare] from the cold weather crop, and the same amount, from the gora or early rice, and the don or late rice. In khalsa villages, which are under the direct management of the Mahārājā, the mahato often holds, in addition to his official jagir, a single pawa of land, called kharcha or rosina kket, from the proceeds of which he is expected to defray the occasional expenses incurred in calling upon cultivators to pay their rent, etc.

The functions of the mahato are shown in greater detail in the following extract from Dr. Davidson's Report of 1839: - "On a day appointed, the thikadar or farmer proceeds to the akhra or place of assembly of the village, where he is met by the mahato, pahn, bhandari, and as many of the raiyats as choose to attend. He proceeds, agreeably to the dictation of the mahato, to write down the account of the cultivation of the different raiyats stating the number of pawas held and the rent paid by each. Having furnished this account, any new raiyats who may wish to have lands in the village, after having the quantity and rent settled, have a goti given to them. If any of the old raiyats require any new land, a goti is taken for that, but not for the old cultivation. The makato collects the rent as the instalments become due, according to the abovementioned account given to the farmer; and all differences as to the amount of rent payable by a raiyat, if any ever arise, which very seldom happens, are settled by the opinion of the mahato. So well does this mode answer in practice, that in point of fact a dispute as to the amount of rent owed by a raiyat is of rare occurrence. When a farmer wishes to cheat a raiyat, he accuses him of having cultivated more land than he is entitled to, or of owing him maswar or grain rent for land held in excess; and if such a thing as a dispute

as to the amount of rent owed ever does arise, the mahato's evidence is generally considered conclusive by both parties."

- (3) Pahn.—The importance of the pahn, or priest of the village gods, may be inferred from the current phrase in which his duties are contrasted with those of the mahato The pahn, it is said, "makes the village" (gaon banata), while the mahato only "manages it" (gaon chalata). He must be a bhuinhar, as no one but a descendant of the earliest settlers in the village could know, how to propitiate the local gods. He is always chosen from one family; but the actual pahn is changed at intervals of from three to five years by the ceremony of the sup or winnowing-fan, which is used as a divining rod, and taken from house to house by the boys of the village. The bhuinhar at whose house the sup stops is elected pahn. On the death of a pahn, he is frequently, but not invariably, succeeded by his son. Rent-free lands are attached to the office of pahn under the following names:—(1) Pahni, the personal jagir or service-tenure of the priest, generally containing one pawa of land. (2) Dalikatari, for which the pahn has to make offerings to Jahir Burhi, the goddess of the village. It is called dalikatari, as it is supposed to defray the expenses of the Karm festival, when a branch (dali) of the karma tree is cut down and planted in the fields. (3) Desauli, a sort of bhutkheta or devil's acre, the produce of which is devoted to a great triennial festival in honour of Desauli, the divinity of the grove. This land is either cuitivated by the pahn himself, or by raiyats who pay him rent. (4) Panbhara and tahalu are probably the same. Lands held under these names are cultivated by the pahn himself or his near relations; and whoever has them, is bound to supply water at the various festivals.
- (4) Bhandari.—The bhandari, or bailiff, is the landlord's agent in respect of the management of the village. He is usually a Hindu, and represents the landlord's point of view in village questions, just as the pahn is the spokesman of the bhuinhars or original settlers. He generally holds one pawa of land rent-free from the owner, receiving also from every raiyat three karais or sheaves of each crop as it is cut—one of gondli, one of early rice, and one of wet rice. Instead of the land, he sometimes gets Rs. 3 or Rs. 4 in cash, with 12 kats, or 4½ cwt. of paddy.
- (5) Gorait.—The gorait is, in fact, the chaukidar, or village watchman. He communicates the owner's orders to the raiyar's, brings them to the mahato to pay their rents, and selects coolies when required for public purposes. As a rule he holds no service land, but receives the three usual karais, or sheaves, from every cultivator.
- (6) Ahir or Goala.—The ahir's duty is to look after the cattle of the village, and to account for any that are stolen. He is remunerated by a payment of one kat of paddy for each pair of plough-bullocks owned by the cultivators whose cattle are under his charge. He also gets the three karais, or sheaves, at harvest time, besides an occasional sup or winnowing-fan full of paddy. If cows are under the ahir's charge, the milk of every alternate day is his perquisite. In the month of Aghan (December) he takes five seers of milk round to the cultivators, receiving in return pakhira or '20 seers of paddy as a free gift. He always pays the abwab known as dadani ghi, and in some villages has to give the baithawan ghi as well. In a very few cases the ahir holds half a pawa of land rent-free.
- (7) Lohar.—The lohar, or blacksmith, gets one kat of paddy and the three karais for every plough in the village, and is also paid two or three annas for every

new phar or plough-share; in a very few villages, he holds half a pawa of land rent-free.

The katwal or constable, and the chaukidar or watchman, do not belong to the genuine Munda village system, and need not be mentioned here.

In the Fiscal Division of Tori the bulk of the inhabitants belong to the Kharwār sub-tribe of Bhogtas, and the village system differs from that which prevails on the central plateau. Here pahn is the only officials who holds service land, and he gets half a patti, or not quite two standard bighas. He performs the village pujas, and often does the work of a mahato, when the owner of the village is an absentee. But even then the landlord sometimes employs a bailiff, called barhill, to collect the rents.

In the tract known as the Five Parganās including Tāmār, Bundu, Silli, Rāhe, and Barandā, as well as in the Mānipatti, or that part of Sonpur pargana which borders on Singbhum district, we meet with mankis and mundas, who are undoubtedly the descendants of the original chiefs, and still hold the villages which their ancestors founded. Here the parka divisions exist in their entirety, as groups of from twelve to twenty-four villages each of which has its own munda or village head; while the whole commune is subject to divisional headman called manki, who collects the fixed rents payable by the mundas. The chief village officer is the pakn, who holds from one to five kats of land rent-free as dalikatari. A kat in this sense is a measure of land analogous to, if not identical with the khandi of the Kolhān in Singbhum, and denotes the quantity of land which can be sown with, one kat of seed. In this part of the country the munda sometimes has a deputy called diwan who assists him to collect his rents and bhandaris are occasionally met with.

INDEX.

A

Abdals of Northern and Eastern Bengal. 76; low status among Muhammadans of. 119 Achakzai, popular sayings regarding, 140 Achal, B.A., marriage demands of, 161 Acharji, fortune-tellers, 113 Adisura, or Adisvara, Raja of Bengal, 55, 88; importation of Brahmans by, 113 Eneid, Indian thought expressed in, 227 Afghans, marriage among, 66; status of, 120; popular sayings regarding, 137, 140 African type, 22 Afridis, popular sayings regarding, 140 Ager, saltworker caste, 99 Agradani Brahmans, low status of, 113 Ahir, transformation of, 74; herdsmen, 75; cowherds in Kanara, 99; totems among, 100; distribution of, 123; popular sayings regarding, 137, 138; App., xiv Ahoms of Assam, origin and language, 10; popular sayings regarding, App., vii! Ajlaf, or low people, Muhammadan distinction, 118, 119 Aiyangar, in popular saying, App., i Ajodhya, sub-caste adopts name of, 91 Akbari or Darbari Jats, origin of, 172 Alberti, Leo Battista, 16 Alexander the Great, 52 Allen, Mr., Census Report of Assam, 84 Allen, Grant, on ghost theory, 219 Ambastha of Manu, 114; ancient functional group, 250 American type, 22 Amorges, king of Scythia, 56 Ancestor-worship, growth of, 219; in Vedic ritual, 221; development of, 222 Andamanese physical type, 10; color of, 13; hair, 14, 17, 24; measurement of, 31 Animism, 209; Tylor's theory of, 213; 214; impersonal ideas underlying, character of, 216; leading feature of, 222; relation to popular Hinduism, 223; consolidation into Pantheism, 228; in Japan, 285

Animistic usages, sources of, 227 Antarkaran, name of illegitimate offspring of Karans, 82 Antarpua, illegitimate children, 82 Anthropometric characters, 15 Anthropometric Data. Jats, App., lviii; Baloch, App., lx; Mir Jats, App., lxii; Dehwar, App., kiv; Kakar, App., kvi; Med, App., lxviii; Rajput, App., lxx; Chuhra, App., lxxii; Nagar Brahman, App., lxxiv; Prabhu, App., lxxvi; Coorg, App., lxxviii; Vellala, App., Mukkuvan, App., lxxxii; Bhil, App., lxxxiv; Santal, App., lxxxvi; Panujan, App., lxxxviii; Brahman (U.P.), App., xc; Chamar (U.P.), App., xcii; Kochh, App., xciv; Brahman (E.B.), App., xcvì; Chakma, App., xcviii; Lepcha, App., c; Kasia, App., cii; Negritos, (North Andamans), App., civ; Negritos (South Andamans), App., cvi. Anthropometry, conditions favourable to, 19 Madagascar, Antimeria of marriage among, 173 Antioch, Patriarch of, 80 Apastamba, traditional scheme of castesin, 251 Arachosia, part of sakastan, 57 Arain, popular sayings regarding, App., vii Aranta tribe of Australia, totemistic symbols of, 104 Aravalli Hills, 43 Araxes, river, 49 Arbela, battle of, 56 Arora, stature of, 36 Arrian's account of Krateros' march from India 52 Artharva Veda, widow burning in, 175 Arya Samaj declaration on marriage, 196; nationalist development of Hinduism, Aryans, race sentiment towards Dravidians, 5

clxxvi INDEX.

Aryo-Dravidian type, 32, 38 Arzal, in Muhammadan social scale, 119 Ascetics and Devotees, proverbs regarding, App., xxi Ascetics and religious mendicants, 138 Ashraf, or noble class Muhammadan distinction, 118, 119 Asiatic type, 22 Assam, invaded by Ahoms, 10; stature Assamese, Mongoloid type of, 41; popular sayings regarding, 144 Atharva Veda, remark on birth of daughter in, 159 Atrap, corruption of Ajlaf, 119 Attar, proverb regarding, App., xviii Australia, Dravidian relation to aborigines Australians, not typical of primitive man, 104 Australoid type, 24 Awa, mason caste of Newars, 85 Awadhia or Ayodhya Kurmis of Bihar, 91 Awans, head-form of, 36 Ayogava, ancient functional group, 250 Azerbaijan, province in Persia, 53

В

Babhans of Bihar, 38; loss of status, 91; grouping in Census Report, 108; popular sayings, 137, App., x Bactriana, invaded by Sse, 56; overrun by Ephthalites, 58 Babylon, Patriarch of, 80 Badaga of the Nilgiris, 44 Bagdi of Bengal, 74; status of, 117 Bagehot, Mr., division of political institutions, 105 Baghel, in popular saying, App., iv Baghela sept of Mundas, totem of, 04 Bahurupia buffoons, in Census Report, 108 Baidyas, classification of, 110; position in social scale, 114; popular sayings, 137, App., v Baijnath Lal, Lala, on fusion of subcastes, 153 Baishtam, social standing of, 115 Ballal Sen, Raja of Eastern Bengal, 116 Bambans or Bammans, Christian caste, 78 Balkash, lake, 56 Balochs of Western Punjab, 34; indolence of, 51; in Marri tribe, 65; status, 120; proverbs, 140

Baluchistan, physical features and people. 3; march of Scythians through, 57; marriage in, 65; status of Hindus i.a., 120 Bande Marathas, rule of marriage among, Bangsaj, Kuhn intermarriage with, 160 Banhra, originally Buddhist priests, 78 Baniya, proverbial sayings regarding, 126, 127, 137; in popular sayings, App., Banjara, popular sayings regarding, App., Barahseni, marriage among, 154 Barber, proverbial saying regarding, 129 Barendra sub-caste, 87 Barendra Brahmans, territorial group, 151 Barhai, in proverb, 131; popular sayings regarding, App., xii Barna Brahmans, low status of, 113; name assumed by tribal priests, 122 Baroda Act, practical working of, 194 Barwaiks of Chanda, origin of, 90 Basa, river, 49 Bastholm on Fetishism, 210 Basu. Hon. B. N., quoted, 272 traditional scheme of Baudhayana, castes in, 251 Bauri tribe absorbed into Hinduism, 74; totem of, 117 Bedi of Gurdaspur, infanticide among, 169 Bediva, low status of, 119 Behnas, popular sayings regarding, 140 Bengal, abuse of marriage customs in, 186 Bengali, type 39, 41; popular sayings referring to, 144 Bergaigne, La Religion Vedique, 227 Bertillon, M., principle of graphic representation, 122 Bethrothal ceremony in Rajputana, 189 Bhandari caste, alliances with Kayasths. Bhandarkar, Dr., on infant marriage, 192 Bhanga Kshatriyas, Kochh claim to designation, 73 Bhangis, scavengers, 75 Bharbhunja, in popular saying, App., xiii Bhars of Hindustan, 38; of Manbhum, totemistic title among, 98 Bharwad, popular sayings regarding, App., xv Bhats, eat food prepared by Kurmis of Bihar, 91; popular sayings regard-

ing, 136, 137, App., iv

INDEX. clxxvii

Bhat Brahmans, character of, 113 Bhatiyara, inn-keepers of Bihar, 76; in proverb, App., xiii

Bhavaiyas, popular sayings regarding, 136

Bhils, exogamous septs among. 99; in Census schedule, 107; localised tribe, 123; proverbial sayings regarding, 135, App., **x

Bhitanni, popular sayings regarding, 140 Bhojak, widow marriages allowed among, 92

Bhonsla Rajas, 90

Bhonsla family of Nagpur, 91

Bhosle Marathas, rule of marriage among, 157

Bhuinhars, 38; loss of status, 91; claim to be Rajputs, 94

Bhumij of Manbhum, transition of tribe, 73; development into caste, 94; claim to be Rajputs, 150; territorial group, 151

Bhuiyas, occasionally ranked as watergiving caste, 114; popular sayings regarding, App., vii

Bihar, marriage customs in, 186

Bikanwa, Brahmans, polygamy among-206

Birdwood, Sir George, on Kulin polygamy, App., cxlii

Bishnois of Rohilkhand, 78; sectarian group, 152

Biyahut or Behuta, "the married ones,"

Blanc, Charles, 16

Blandford, W. T., on rainfall, 50 Bongas, diseases worshipped as gods, 217 Bopp, Friedrich, 7

Borchart, Die Sprichwortlichen Redensarten, 125

Boria caste of Assam, 84; in Nowgong, 85

Boya tribe, totemistic septs of, 100

Brahmans, 40; priests, 75; in Census Report, 108; social precedence of, 109; social status in Bengal of, 113; distribution of, 122; popular sayings regarding, 126, 136; in Institutes of Manu, 147; marriage customs of, 186; of Bihar, 38, 91; of Muzaffarpur, polygamy among, 206; occupation of, 250; popular sayings regarding, App., i

Brahmanical influence in caste formation, 265 Brahmo community, forming new caste, 78

Brahmo Samaj, 24; marriage among, 184. Brahui tribe, 11, 35; dialect, 47, 49; elaborate organisation, 65; status, 120; popular sayings regarding, 141

Broca, French anthropologist, 13, 15

Brosses, Charles de, Du Culte des Dieux Fetiches, 210

Buchanan, Dr. Francis, on Mande, 42; on marriage customs, 186

Buddhism, number of adherents in India, 236

Buhler, authority for age of law books,

Burma, contrasted with Baluchistan, 3

C

Campbell, Sir George, on Khatris, 244 Camper's invention of the facial angle, 16

Castanheda, Fernao Lopes de, on Nayars, 199

Caste, origin of term, 66; Caste, definition of, 67; influence of railways on, 120; proverbs of, 126, 145; influence of Hinduism on, 236; its influence against. Christianity, 241; antagonism Christianity and, 241; Indian theory of origin, 248; Sir Denzil Ibbetson's theory, 253; Mr. Nesfield's theory, 255; Mons. Senart's theory, 256; factors in forming, 259; under the Roman Empire, 260; influence on Indian Art, 260; its genesis, 262; not confined to India, 263; ethnological conclusions, 266; Indian theory derived from Persia, 266, more than a social system, 267; antagonism of nationality and, 273; proverbs regarding, App., xxx; Mr. Nesfield's theory, App., cxxii; Sir Denzil Ibbetson's theory, App., cxxv; Mons. Senart's theory, App., cxxxiv

Castes, traditional occupations of, 75; formed by crossing, 81; formed by migration, 86; formed by changes of custom, 90; tribes developed into, 262; comparisons between, App., xxviii

Caucasian type, 23

Christians, 80

Central Australia, totems in, 103 Ceylon, Dutch occupation of, 263; Chakkiliyan, distribution of, 123; Chakmas, nasal index of, 42; Chaldean Syrian clxxviii INDEX.

Chamar, proportions of nose, 58; leather workers, 75; totems among, 100; place in social system of Upper India, 112; low status of, 117; distribution of, 123; proverbial sayings regarding, 133, 137, App., xix Chanda, Mr. Fuller's tour in, 75; district in Central Provinces, 90 Chandals of Eastern Bengal, 26; transformed from tribe to caste, 74; antiquity of group, 250 Chandhari, A., on Kulin polygamy, App., Charles, Sir Hayelock, craniometric researches of, 20 Charodas or Chardos, Christian caste, 79 Chasa caste, alliances with Kayastha, 82 Chasadhobas, change of occupation of, 76 Chasi Kaibartta sub-caste, served by Vyasokta Brahmans, 113; pose as separate caste, 115 Chattris, name of Khas, 84 Chauseni, improvement of status of, 154 Cheruman, head form of, 44; low social position of, 112 Challapadhyaya, V., on Kulin polygamy, App, cxlvi Chhattisgarh, isolation of, 87 Chhipi, dyer caste of Newars, 85 Chik, head form of, 44; Musalman caste of butchers, 76 Chik-Baraiks, sub-caste in Chutia Nagpur, 90 Chins, King-crow regarded as original parents among, 121 Chitral, route of invaders through, 54 Chittagong, dialect of, 9 Christian religion, adherents in India, 236 Christianity, influence on low castes of, Chuhra, proportions of nose, 36; scavengers, 75; popular sayings regarding, 136 Churihar, popular sayings regarding, App., xii Chutia Nagpur, people of, 62 Classification of castes, 107 Cochin, Christianity in, 80 Codrington, Dr., on Animism in Melanesia, 216 Coldstream, Mr., on infanticide in Pun-

jab, 167

Colour of natives of India, 13 Comparative Philology, 7 Comte, Auguste, Philosophic Positive, 210 Cooch Bihar, Possible origin of family, 73 Coolie in Rangoon, type of, 43 Coorgs of Southern India, 21; Scytho-Dravidian type, 37 Cotton, Sir Henry, on Brahmo community, 78; New India, 268, 273; on caste, 271; on jealousy between Hindus and Muhammadans, 280; on Kulin polygamy, App., cxxxix, App., cxli Cousin, Jean, system of measurement, 16 Craniometry and Anthropometry, 18 Ctesias, on inhabitants of India, 17 Cuvier, three primitive types of, 22 Cyrus conquers Scythians, 56

D

Dafali, occupation of, 76. Dakhin-Rarhi, sub-caste of Kayasths, Daksha, horse sacrifice of, 97 Dalal, Mr., on widow marriage in Baro-Dalal, popular sayings regarding, 137 Dandis, popular sayings regarding, 139 Damoh, migration of Brahmans for Gujarat to, 87 Dasaratha, father of Rama, 73. Dasas, ancient functional group, 250 Dasht-i-Kavir, Western Khorasan, 51 Dasht-i-Lut, or Desert of Desolation, 52, Dasturji, Parsi priests, 138 Dards, similar in features to Scythians, 35 Darzi, rank among Muhammadans of 119; proverbial sayings regarding, 131, 137: App., xv Davananda Saraswati, founder of Arya Samaj, 243 Deccan, geological age of, 2 Dehwar, orbito-nasal index, 35 Dejardin, M., definition of proverb, 124 Democracy and caste, 274 Deshasth Brahmans, head form of, 37 Desh Kunbis, sub-division of Maratha tribe, 86 Devabhaja, position among Hindu Newars, 85 Dhan sept of Mundas, totem of, 94 Dheds, proverbial sayings regarding, 135;

Dhigvansa, ancient functional group, 250

INDEX. clxxix

Dhimars, personal servants of Brahmans, 100 Dhobi, proverbial sayings regarding, 131, 136; App., xv Dhunds, female children among, 170 Dhunia or Nadaf, in Bengal, 76; rank among Muhammadans of, 119 Dhuniya, proverb regarding, App., xvii Dill, Prof., Roman Society, 260 Dinajpur, Kochhs in, 73 Distribution of Social groups, 121 Dogras or Hill Rajputs, 42 Dom of United Provinces, 74; scavengers, 75; place in social system of Upper India, 112; low status of, 117; caste of recent formation, 123; proverbial sayings regarding, 134, 136; App., xix Doms of Bihar, territorial group, 151 Donatus, grammarian, 125 Dosadh of Bihar, 38; tribe absorbed into Hinduism, 74; messengers and watchmen, 75; caste of recent formation, 123 Drangiana, part of Sakastan, 57 Dravida, national or tribal group, 250 Dravidian type, 33, 43, 46 Dravidian tribe in Chutia Nagpur, 62 Dravidian races, marriage among, 179 Dulia, sub-caste of Bagdis, 151 Dürer, Albrecht, proportions of the human figure, 16

E

Earle, Mr., on polyandry in Sikkim, 202 Early Marriage Prevention Act of Baroda, 193 ; App., cxviii Edgar, Sir John, infanticide among Nagas, 165 Education, its influence against Christianity, 241 Ektharia, parentage of, 84 Elemental forces of savage religion, 216 Endogamy, or "marrying in," 150 Enthoven, Mr., Census Report of Bombay, 86 Ephthalites, or Hoa, drive Kushans from Gandhara, 57 Eponymous exogamous divisions, 155 Erasmus, Proverbiorum Epitome, 125 Ethnology, data of, 6 Ethnology of India, external factors, 3; internal factors, 4 Exogamous divisions, classes of, 155 Exogamy, origin of, 105; "marrying out," 154

F

Face, shape of the, 28 Fakir, popular sayings referring to, 143 Festus, philologist, 125 Fetish, origin of name, 66 Fetishism, general name for forms of primitive religion, 210 Fick, Dr. Richard, on structure of Indian society, 250 Fiji, type of coolie in, 43 Fisherman, proverbial sayings fegarding, Flower, Sir William, 6, 20, 22, 29, 31 Food and caste restrictions, 268 Fraternal Polygamy in Himalayan regions, 202 Frazer, Mr. J. G., on totemism, 102, 103 Fredericke, Cæsar, on polygandry in Malabar, 198 Functional castes, 75

G

Gaddis, popular sayings regarding, 137 Gadhvi, popular sayings regarding, App. Gait, Mr., list of Musalman castes, 76; on Shagirdpeshas, 82; on Bihar castes in Bengal, 87; Bengal table of precedence, 113 Gakkhars, female children among, 170 Ganak, union of Brahman and, 84 Gandhara, kingdom of, 57 Gareri, popular sayings regarding, 137; App., xv Garos of Assam, totems of, 101 Garpagare caste, occupation of, 75 Gauna, marriage ceremony, 186 Gaurwa Rajputs of Gurgaon and Delhi, Gavids or Gavdas, salt-makers, 79 Gentoos, caste among, 66 Getae, identification of, 58 Gharbari Atiths, sectarian caste, 78 Ghataks, or marriage brokers, influence of, 197 Ghose, Mr. Manmohan, proposal for marriage reform, 191 entered India Gilgit, Indo-Aryans through, 54 Girth, popular sayings regarding, App., Gmelin, Johann Georg, botanist and traveller, 211

clxxx INDEX.

Goalas, milkmen, 75; distribution of, 123 Gochis, sects of Kandhs, 62 Gokel in popular sayings, App., v Gokhale, Mr., quoted, 271 Gola, distribution of, 123; popular savings regarding, App., xiv Golam, term applied to Shagirdpeshas, 83 Goldney, Major, on Jat infanticide, 170 Gonds, totems among, 100; localised tribe, 123 Gosains and Mohants, influence of, 85 Goths, confounded by Romans with Getae, Grierson, Dr., linguistic survey, 7, 53, 54; on Kulin polygamy, App., App., cxliv Gujar, 36; transformation of, 74; caste of recent formation, 123; in proverb, 134, 137; popular sayings regarding, App., xiv Gujarat, Khedawal Brahmans of, 87 Gajarati, popular saying of, 143 Gupte, Mr. B. A., anthropometrical assistant, 21 Gurungs, stature of, 43 Guru Prasad Sen, on Hindu social life, 271

H

Haddon, anthropologist, 20 Haihaibansi dynasty of Ratanpur, 87 Hajjam or Turk Naia, barber caste, 76; rank among Muhammadans of, 119 Halalkhor, low status of, 119 Halepaik, endogamous groups of, 98; descent through female line, 99 Halia sub-caste of Kaibartta, 151 Halvakki Vakkal caste, exogamous septs of, 98. Halwai, in proverb, App., xii Hamilton, Capt., explanation of Nayar marriage ceremony, 200 Haris, low status of, 117 Hazara of Afghanistan, 34 Head, shape of the, 25 Helmund Valley, Krateros' march through, 52 Herodotus, comparison of skulls of Egyptians and Persians, 16; on Getae, 58 Hill Rajputs, distinction between castes of, 92 Hinduism, definitions of, 223; inclusive character of, 228; its future, 245; its moral tone, 235; caste system and, 236;

number of adherents, 236; converts to

Islam from, 237

Hindus in Bengal, social precedence of, 113: proportion of sexes among, 170 History, non-existence of common political, 279 Hiung-nu or Huns. 57 Hoffman's theory of the vital principle, 213 Hoernle, Dr., theory of origin of Arvo-Dravidians, 53, 54 Hole, name of sept of Halepaiks, 99 Holland, Mr. T. H., on tribes of Southern India, 21 Hos of Singhbhum, exogamous septs of, Huns dislodge Yulchi in Central Asia, 56 Huntington, Ellsworth, explorations, 53 Huxley, on Dravidians, 24, 46 Hypergamy, "marrying up," 156; origin of, 171; influence of, 177

1

Ibbetson, Sir Denzil, on Rajputs in the Punjab, 91; in infanticide in Punjab, 169; in infant marriage, 185; definition of Hinduism, 223; theory of caste, App., cxxv Idaiyan shepherd caste, widow marriage among, 92; distribution of, 123 Ilbert, Sir Courtnay, and ancestor-worship, 220 Iluvan or Tiyan, caste of toddy-drawers, TT2. India, geographical position, 1; ethnic isolation, 1 Indo-Aryan type, 32, 35 Indian Nationalism, its future, 287 Indian nationality, basis of, 282 Infant marriage, prevalence of, 179, origin of, 180; antiquity of, 182; causes of, 183; regulation in Mysore of, 192; Laws in Mysore and Baroda, App., Infanticide, influence of marriage rules on, 164 Institutes of Manu, origin of caste in, 248 Intermarriage, Sir Comer Petheram on,

J

Iranian classes of society, 251

Irulas, color of, 14; head form, 44

Jacobite Syrian Christians, 80 Jackson, Mr. A. M. T., theory of Hindu Kingship, 274 INDEX. clxxxi

Tagannath, shrine of, 72 Jagannathi Kumhars, exogamous sections of, 97 lagdals. Brahui recruited from, 65; converted Jats, 140 Jaiwar group of Muzaffurpur Brahmans, 206 Japan, the example of, 285 Japu, cuitivator caste among Newars, 85 Jats (Sikhs), 36. characteristics of, 48; conjectures as to origin, 58; tribe absorbed into Hinduism, 74; distinction between Rajputs and, 92; caste of recent formation, 123; grouping in Census Report, 108; proverbial sayings regarding, 126, 128, 137; mortality of female children among, 170; physique of women, 186; popular sayings regarding, App., v Jatapu, branch of Kandh tribe, 92; totens of, 100 Jati-Baishtams of Bengal. 78 Jaunpuria, sub-caste of emigrants, 87 Jaxartes, river 49, 56 Jeliya, status of, 117 Jhalawans of Khuzdar, popular sayings regarding, 141 Jog, hypergamous group of Brahmans. Jogi, popular sayings regarding, 139 Jolaha caste, occupation of, 76; in Muhammadan social scale, 118, 119; distribution of, 123; in preverb, 126, 132, 134; popular sayings regarding, App., xvi Jolly, Recht und Sitte, 175 Jones, Sir William, Sanskrit scholar, 6 Joshi (Brahman astrologer), in popular saying, App., ii Juan Juan, drive out Ephthalites, 58 Jugis, formation of Hindu caste, 78; occupation of, 85 Julian, Emperor, his revival of Paganism, 235

K

Kachari of Assam, 41; totems of, 101; separated from other Mongoloids in Census Report, 108

Kachi, herd form, 38

Kachhi, march of Scythians through, 57

Kachhi, proverbial sayings regarding,

138

Kachins, legendary origin of, 101 Kadam Marathas, rule of marriage among, Kadir of the Anamalai Hills, 44, 45 Kafirs, orbito-nesal index, 35 Kahars, eat food prepared by Bihar Kurmis. or Kahol or family of the Pathans, 64 Kaibartta, transformed from tribe to caste, 74; fishermen, 75; distinction between educated and uneducated, 76, caste of recent formation, 123 Kaivartas, ancient functional group, 250 Kakar, popular sayings regarding, 140 Kalal, popular sayings regarding, App. xvi Kalatis, popular sayings regarding, 141 Kalu, Muhammadan caste of oil-pressers. Kamalakar caste, classification of, 155 Kamar, popular saying regarding, App., Kamboh, popular sayings regarding, 137 Kamina or Itar, term applied to low-class Muhammadans, 119 Kammalan group, unclean caste of Mad-Kanauj, seat of Vedic learning, 88; sub-" caste adopts name of, gr Kanaujia Brahmans, exclusiveness of, 153 Kanaujia Kurmis of the United Provinces, 91 Kandahar, Krateros' march to, 52 Kandhs or Kondhs, 62; of Chutia Nagpur, 90; tribe developed into caste, 92; communal type of septs, 94 Kandh gochs, primitive community, 106 Kangra Hills, Hindu position in the, 92 Kanjar in proverb, 134 Kanets of Kulu, 21 Kaphris or Sidis, Roman Catholic Christians, 79 Kapu caste, exogamous sections of, 100

Karan Shagirdpeshas, marriages among, 82

Karar, popular sayings regarding, 137

Karavara, ancient functional group, 250

Karma, doctrine of, 229; its influence in caste formation, 266

Kasar, Muhammadan caste, 76; popular sayings regarding, 136, 137

Kasal, proverbs regarding, App. xviii

Kasar coppersmiths, 11

clxxxii INDEX.

Kasbis, popular sayings regarding, 137 Kashniiri, popular sayıngs regarding, 137 Kashta-Srotriya, group, rule of marriage among, 157 Kası, popular sayings regarding, 140 Kasyapa, Brahmanical gotra, 73; name of section of Khattya Kumhars, 97 Kathiawar, Brahman migration from, 88 Kathis, widow marriage among, 92 Katkarıs, 37; of the Konkan, 98 Kau, blacksmith caste of Newars, 85 Kawmi, Newar caste, 85 Kayasths, 40; writers, 75; concubinage among, 82; their claim to be Kshatriyas, 90; classification of, 110; social position of, 114, popular sayings regarding, 136, 137; marriage custom of, 186; popular sayings regarding, App., v Kazi, in proverb, 131, 137, 142. Kewats, fishermen and cultivators, 75 Khambus stature, 43 Khandagiri, cave temples of, 78 Khandaits of Orissa, classified with Rajputs and Babhans, 108 Khangar, conversion of tribe into caste, Khanikoff, on Kirghiz features, 57 Kharan State, 50; desert, 51 Kharia, head form of, 144 Kharosthi, character, 59 Khas of Nepal, 42; offspring of mixed marriages, 83 Khasa, antiquity of group, 250 Khası totems, 101 Khasias, nasal index, 42, stature, 43 Khataks, Marwat saying regarding, 140 Khatris, head form of, 36; classification of, 110; proverbial sayings regarding, 128, 136; association with Arya Samaj movement, 244; their influence in Punjab, 244 Khattya Kumhars in Orissa, 97 Khedawal Brahmans, influence of railway on, 87 Khel or Zai, among Afghan tribes, 64 Khels, found in the Naga Hills, 63 Khetrans in Marri tribe, 65 Khonds, infanticide among, 165 Khorasan, advance of Indo-Aryans through, 51 Khotan, Huns in, 57 Khotta, terms applied to barbers, 87 Khwarizm, overrun by Ephthalites; 58 Kichaks of Dacca, dialect of, 11

Kirata national or tribal group, 250 Kirghiz features, 57 Kirman, description by Strabo, 52 Kitolo founds kingdom of Gandhara, 57 Kochh, stature of, 40; claims Kshatriya origin, 91; their claim of descent, 73; separated from other Mongoloids in Census Report, 108 Koiri, head form of, 38; functional group, *7*5 Kolarian languages, 46 Koli of Bombay, 74; localised tribe, 123; popular sayings regarding, 136; proverbial sayings regarding, App. xviii Koligor, sub-caste in Baroda, 92 Kollmann, classification of tribes, 20 Komatis, totems of, 100 Konkanasth Brahmins, color of eyes, 15 Konkani Christians, marriage customs of, Konkani Kunbis, branch of Marathas, 86 Koras, totems of, 95; place of origin of, Korkus, totems among, 100 Korwas, head form of, 44 Kotha po, appellation of Shagirdpeshas, 83 Kraterros, march from Quetta, 52 Krishna, Hindu legend of, 233 Krishnapakshi, illegitimate children, 82 Kshatriyas, military order of Nepal, 84; Parasu Rama's raid upon the, 90; Khatriys included under, 111, Vaisya offspring of Vaisya and, 115 Kuki, characteristic totem of, 101 Kuldevaks or totems among Maratha people, 86 Kulin group of Brahmans, wholesale polygamy among, 106, 159; rule of marriage of, 157 Kulin Brahman, on widow marriage, 176; polygany, App., cxxxix; Report of Committee on Kulin polygamy, App., Kulins, polygamy among, 205 🔩 Kulinism, seat of system of, 206 Kulu caste of Newars, pecupations of, 85 Kulu, rank among Muhammadans of, 119 Kumbars, Christian caste of petters, 79 Kumhars, potters, 75; social standing of, . 96 distribution of, 123; popular sayings regarding, App., xi

Kunbis, divisions of Bombay Marathas,

86; popular sayings regarding, 129, 136,

App., vi

Kunjra, Musalman caste, 76
Kurds, popular sayings regarding, 141
Kurmis, of Manbhum, 44; rank in Bihar, of, 91; totemistic exogamous sections of, 95; relationship to Santals, 96; popular sayings regarding, App., vi
Kurnis, totems of, 100
Kushan, dynastic title of kings of the Yuenchi, 57

L

Laelih, leader of the Huns, 58 Lahri, popular sayings regarding, 141 Lakhan Udayaditya, 58. Lala Baij Nath, Rai Bahadur, Hinduism, Lalbegi, low status of, 119 Lalung, totems among, 101 Lambadis of Mysore, 44 Lang, Andrew, on primitive man, 104, 106; on savage religion, 217 Langahs, professional musicians of Baluchistan, 121 Language and race, 6; and Nationality, 277 Language, possibility of national, 278 Languages, number of distinct Indian. 277 Laya, tribal priest of Bhumij people, 94 Lemuria, submerged continent of, 46 Lepchas nose form, 42 Lepsius, Egyptian canon of stature, 15 Lewa Kunbis, discontinuance of widow remarriage among, 93 Licchivi, ancient national group, 250 Lingam, phallic emblem, 233 Lingayats of Southern India, 4, 24, 72 Lingayat or Virshaib caste, reversion to, 77, normal type, popular sayings regarding, 137; sectarian group, 152 Linnaus, four primitive types, 22 Lithuanian steppes, 47 Local exogamous divisions, 155 Lodha, popular sayings regarding, 138 Lahor, proverbial sayings regarding, 130; popular sayings regarding, App., xii Lohengrin legend Zi, 72 Loris of Baluchistan, status of, 121 Lowis, Mr., on totemism in Burma, 101 Luard, Major, on Bhil and Khangar totemism, 99 Lubbock, Sir John, on totemism, 103, on Shamanism, 212 Lucian, sayings of, 124; on Karma, 230 Lyall, Sir Alfred, Hinduism, 227

Macdonnell, History of Sanskrit Literature, 175 Macdonnell, Prof., on transmigration in the Rig Veda, 228

Machhi, in proverb, 132; proverbial sayings regarding, App., xviii

Machhua, sub-caste of Bagdis, 151

Maclagan, Mr., on female infanticide, 169, 170

Macpherson, Major, infanticide among Khonds, 165

Madagascar, hypergamy in, 172

Madhunapit, change of occupation of, 76

Madhyadesa, 2, 54

Madiga, distribution of, 123

Madras, Bishop of, on failure of Christianity in India, 241

Magadha, early tribal or national group, 250

Magar, union with Khan, 84

Magic and Religion, 217

Mahar, nasal proportions, 37, transformation of, 74; name of sept of Halepaiks, 99; proverbial sayings regarding, 134; popular sayings regarding, App., xxi

Mahilis, sub-tribes of, 81; process of evolution among, 95

Mahisya, name adopted by Chasi Kaibartha, 115, 158

Maine, Sir Henry, on sacred languages of India, 6; on widow sacrifice, 175 Maithal or Tirhutiya sub-caste of Brahmans, 206

Mal of Madras, tribal caste, 74

Mal Paharia tribe, nasal proportions, 27 Male of the Santal Parganas, nasal proportions, 44

Mali, popular sayings regarding, 138, App., xiii

Malik Talut (King Saul), ancestor of Pathans, 63

Malla, antiquity of, 250

Mande or Garo, nasal index, 42

Mang, popular sayings regarding, App., xxi.

Maps of Castes, App., xlix, lvii.

Marang Buru, Santal beneficent deity,

Marathas, probable ancestors of, 59; absorbed into Hinduism, 74; caste of national type, 85; widow marriage among, 92; grouping in Census Report, 108; popular sayings of, 143

CLXXXIV INDEX.

Maratha Kunbi, division of Bombay Marathas, 86 Margavas, ancient functional group, 250 Mariya or Thatera, popular sayings regarding, App., xvii Baluchistan, 65; Sadh Marriage, in custom; contrast between India and Europe, 148; expenses, 188; statistics among Hindus, 204, practice in Arya Samaj movement, 243; in Rome, 257; in Athens, 257 Marriage reform, in Rajputana, 188; prospects of, 196, difficulties of legislation, 197 Marri tribe, composition of, 65 Marshall, Col., on Todas, 170 Marwari, popular sayings regarding, 145 Marwats, Khatak saying regarding, 140 Matial, sub-caste of Bagdis, 151 Matwala Khas, parentage of, 84 Maulik, B.A., marriage demands of, 161 Mazhabis, influences which transformed Chuhras into, 37 McCulloch, Col., prevents infanticide in Manipur, 165 McLennan, J. F., on totemism, 103 Primitive Marriage, 150; on infanticide and exogamy, 164 Mech, separated from other Mongoloids in Census Report, 108 Mecho, functional group, 151 Meds, popular sayings concerning, 141 Melanochroi type, 23 Mengals, popular sayings regarding, 141 Meos and Minas of Rajputana, 48, and the Punjab, 74; popular sayings regarding, App., v Mestizos, offspring οf hypergamous unions, 172 Mihirakula annexes Kashmir, 58; defeated by Hindu princes, 58 Mikir totems, 101 Mindun or Hamsayah, alien groups, 63 Mir, popular sayings referring to, 143 Mirasi musicians, in Census Report, 108 Miris, Stature of, 43 Miscellaneous Proverbs, App., xxii Mithraism, cult in ancient Rome, 234 Miyan, popular sayings regarding, 141; popular sayings referring to, 143 Mlechha, union of Brahman and, 84 Mochis, low status of, 117; status in Baluchistan of, 121, popular sayings regarding, App., xix

Modvals, washerman, 79 Mohmand, popular sayings regarding, 140 Molesworth, Major. measurements of Andamanese by, 31 Monarchy and caste, 274 Mongolian type, 22 Mongolo-Dravidian type, 32, 39 Mongoloid tribe, 63; marriage among, 179 Mongoloid type, 32, 41 Muchi, distribution of, 123 Muhammad Shahi, popular sayings regarding, 141 Muhammedans, proportion of girls to boys. among, 170; marriage among, 204; increase of, 237; proverbs regarding. Арр., жжіці Muhammadanism, number of adherents in India, 236; reasons for spread of, 237, embraced by low-caste Hindus to improve their social position, 238; tendency of Hindus towards, 239 Muktawa, marriage ceremony, 185 Mukur, labourer caste, 99 Mulattoes. offspring of hypergamous unions, 172 Mulla, popular sayings regarding, 136 Mullahs, popular sayings, 142 Muller, W. J., Die Africanische Landschaft Fetu, 216 Munda tribe, 44, 62, 72, 74; groups descended from, 81; exogamous septs of. 94; possible connection of Koras with. 96; description of tribe, App., clavii. Mundari dialect, affinity with Australian dialects, 46 Murmis, nasal index. 42 Musahar, proportions of nose, 38; food of Musalman castes in Bengal, 76; popular sayings referring of, 143 Muta, Kandh villages, 62 Mysore Act, effect of, 193

N

Naga Khel, primitive community, 106
Nagas, in mythology, 71; proverbial sayings regarding, 135; infanticide among, 165
Nagar, in popular saying, App.,
Nagar Brahman of Gujerat, 37; of Muzaffarpur, 206
Nagarchi, Musalman caste, 76
Nagbansi Rajputs, mythical origin, 71, 72

Naikin or Thavadiyal, proverbs regarding, App., xvii Nais, popular sayings regarding, 136 Namasudra or Chandal, status of, 117; caste of recent formation, 123 Nambudri Namputiri or Brahmans, 88 Nambutri Brahmans, popular regarding, App. iii Nanakshahi, proverb regarding, 139 Nao Muslim, converts to Islam, 119 Napit, popular sayings regarding, App., x Nasir Khan, founder of Brahui organisa-Nasya, rank among Muhammadans of, National castes, 85 Nationality and caste, 275 Nationality, factors of, 276 Nau, Newar barber caste, 85 Navasakha, orignal name for functional castes, 114, 115 Nayars, head-form, 44; tribal, 74; custom of women, 88; grouping in Census Report, 108; position in table of social precedence, 112; caste of recent formation, 123; polyandry among, 198, 200; matrimonial usage among, 200 Negrito group, 22, 31 Negroid type, 22 Nesfield, Mr., Brief view of the caste system, 19; theory of infant marriage, 181; theory of caste, 255, App., cxxii Newars, elaborate series of castes among, 85; formerly predominant race Nepal, 85 Nimbalker Marathas, rule of marriage among, 157 Nishada, ancient functional group, 250 Normans in Europe, 34

0

Nuniyar Baniya, popular sayings regard-

Nuniya, proverb regarding, App. xvii

Occupation not the sole basis of caste, 259
Oraons, stature of, 45; septs and totems among, 93; totems among, 100
Oil-presser, proverbial sayings of, 131, 137
Oldenberg, Die religion des Vedas, 175
O'Malley, Mr. L. S. S., on polygamy, 206
Origins of types, 46

P

Paganism and Hinduism compared, 232; adaptiveness of, 233; national sentiment in, 235 Palaungs, traditional ancestry of, 101 Pallas, Peter Simon, German explorer and naturalist, 211 Palli, head measurement, 44, nasal index, 45; caste of recent formation, 123 Pamar Rajputs, marriage custom of, 187 Pan, in Lucian's dialogues, 127 Pans, servile functions of, 90 Pancharamkatti division of Idaiyan caste, Pandarams, begging caste in Tamil country, 92 Paniyans of Malabar, nasal index, 44; stature, 45 Panjabi, physique of, 186 Panjibaddh, group Muzaffarpur Brahmans, 206 Pansari, in proverb, App. xiii Pantheism, doctrine of, 277; intimate association with doctrine of metempsychosis, 228 Parasara's Institutes, 176 Paraiyan or Pariah, nasal index, 45; position of, 112; absorbed into Hinduism, 74; caste of recent' formation, 123 Parasu-Rama, Hindu tradition, 73, 90 Parbattias, lofty spirit of, 84 Parganait, official title among Mahlils, Pargiter, Mr., on territorial divisions 151 Pariah, proverbial sayings regarding, 135, 136, App., xx; in popular saying Paropamissus, crossed by Scythians, 57 Parsis, popular sayings regarding, 138, App, xxi Parthians, alliances with Scythians, 56 Paschima or Bihari Brahmans, 151 Pasi, caste of washermen, 85 Pathans, orbito-nasal index, 35; distribution of, 123; popular sayings regarding, 137, 140 Patwa, Musalman caste, 76 Peleus, resemblance of Hindu legend and Greek myth of, 97 Penka, on length of Aryan heads, 47 Peschel's division of types, 23; on Shama-

Nose, shape of the, 27

ing. 137

nism, 212

clxxxvi INDEX.

Petheram, Sir Comer, on intermarriage of castes and tribes, 281 Physical characters definite, 15; indefinite, Physical types, 31; dominant influence in formation of, 266 Pir, popular sayings referring to, 143 Pirali Brahmans, status of, 113 Po, very low caste among Newars, 85 Pod, absorbed into Hinduism, 74; fishermen, 75; separation between educated and uneducated, 76; status of, 117; caste of recent formation, 123; development of hypergamy among, 158 Polyandry, ancient custom in Malabar, 198; in Himalayan region, 201; origin of, 203 Portuguese adventurers, 66 Potter, proverbial sayings regarding, 130 Powar Marathas, rule of marriage among, Prabhus, head form of, 37 Praja po (tenant son), 83 Prakrit speech of Scythians, 59 Primary types, 21 Prinsep, Sir H. T., on Kulin polygamy, App., cxl Prithi Narayan, Gurkha conqueror of Nepal, 85 Prohibition of eating with other castes, Provincial characteristics in proverb, App., Pulaiyan of Travancore, 45; low social position of, 112 Puri, shrine of Jugannath at, 72

Q

Qais, Abdul Rashid, ancestor of Pathans, 63 Quadroons, offspring of hypergamous unions, 172 Quetelet, Greek canon of stature, 15 Quetta, march of Alexander's army from, 52

R

Rahri, high social position of, 113
Rahri Brahmans, legend of formation, 89;
territorial group, 151
Railways, influence on caste, 120; influence
on pilgrimages, 209
Rain-making rites among Kochh women,
217

Raisani, popular sayings regarding, 141 Rajbansi Baruas, mixed parentage of, 84 Rajbansi Kochh, transformation from tribe to caste, 74; status of, 117; caste of recent formation, 123 Rajbansi Magh, resemblance to Bengali, Rajbansis, or Bhanga Kshatriyas, 73 Rajbansis of Rangpur, endogamous system of, 97 Rajgor caste of Baroda, widow marriage among, 92 Rajput, 36; first step to higher caste, 71; transformation from tribe to caste, 74; widow marriage among, 92; grouping in Census Report, 108; position in social scale, 1:3; popular sayings regarding, 137; marriage custom, 186; Bhumij claim, 150; reasons for female infanticide, 166; popular sayings regarding, App. IV Rama, Kochh descent from father of, 73 Ramayats, Hindu religious sect, 72 Ranchi, in legend of Nagbansi, 72 Rangar, in popular sayings, App., iv Rangari, proverb regarding, App., xviii Rangpur, Kochh inhabitants of, 73 Rangsaz, proverbial saying regarding, App., xviii Rathi caste of Hill Rajputs, 92; female children among, 170 Razil, term applied to low class Muhammadans, 119 Reddi, popular sayings regarding, App., Registan, desert, 51 Religion, beginnings of, 218; the ghost theory, 219 Renders, drawers of palm juice, 79 Retzins, Swedish Naturalist, 17 Rig Veda, quoted by Zimmer, 175 Rinds, popular saying concerning, 141 Ripley, American anthropologist, 41 Rivarol, on proverbs, 125 Rivier, Principes du droit des gens, 282 Roman Catholic Christians, castes among,

Rose, Mr., on female infanticide, 169 Russell, Lord John, definition of proverb, 125

Russell, Mr., on Gaipagari caste, 75; on Brahman marriages, 87; on Barwaik sect of Rajputs, 90; totems in Central Provinces, 100

clxxxvii

Sadhs, marriage among, 78 Sadhya-Srotriya group, rule of marriage among, 157 Sadgops of Bengal, change of occupation Saint Hilaire, Mons., on Christianity in India, 241 Saiyads, position in Muhammadan social scale, 118; distribution of, 123 Saka, National or tribal group, 250 Sakala, capital of the Huns, 58 Sakas, or Scythians, 56, 58; migrate into Punjab, 57 Sakastan taken possession of by Scythians, Sakuka the Scythian, sculptured figure at Behistun, 57 Salat or Silavat, proverb regarding, App., Samanta, Rai Sahib Kumud Behari, 21 Sambandham marriage ceremony of Navars, 201 Sanchi, symbolic carving at, 4 Sandilya, transformation of, 95 Sankari caste, complexion of, 14 Sannı, popular saying of Balochs, 140 Sannyasi, Hindu caste 78 Santals, 44, 74; totemism among, 93; probable connection between them and Mahilis, 96; in Census schedule, 107; localised tribe, 123; marriage relationships, 156; form of oath sworn in court, 224; description of tribe, App., clviii Saraks, change from sect to caste, 77 Sardar Arjun Singh, scheme of marriage reform, 194 Sassoli, popular sayings regarding, 141 Sastri, Mahamahopadhyaya Hara Prasad, 151 Saurashtra Brahmans, name adopted by Kamalakars, 154 Scandinavia, original habitat of Aryans, 47 Schlegel, Friedrich von, Language and Wisdom of the Hindus, 7 Schmidt anthropologist, 20 Sclater's hypothesis of Lemuria, 46 Scott, Sir George, quoted by Mr. Lowis, 101; on totemism in Burma, 102 Scythian ancestry of Marathas, 60 Scytho-Dravidian type, 32, 37; history,

Sectarian castes of Hindus, 77

Seeley, Sir John, on religion and nationality, 280 Segistan, part of Sakastan, 57 Seistan, Kratero's march to, 52 Semangs of Malacca Negroid type, 22 Senart, M. Emile, description of caste, 67; criticism of Sir Denzil Ibbetson's theory of caste, 254; App., cxxxiv Sergi, on heads of Aryan types, 47 Shagirdpeshas of Bengal, 82; of Karan, 82; of Khandait, 82 Shamanism, Siberian origin of, 211; principles of, 212; general resemblance to spiritualism, 212 Shanans of Tinnevelly, 44, 45 Shaw, G. B., on Kulin polygamy, App., cxliii Shekh, position in Muhammadan social scale, 118 Shimpi, popular sayings regarding, 137 Siao, or little Yuenchi, 57 Siddha-Srotriya group, rule of marriage among, 157 Sidgwick, Prof., on factors of nationality, Sikhs, treatment of women among, 170; proportion of sexes among, 170 Sindhia, Kurmis of Bihar claim kinship with, 91 Sindur sept of Mundas, totem of, 94 Singapore coolie, Dravidian origin of, 43 Sillis, or Jaxartes, river in Central Asia. 56 Siva, not invited to Daksha's horse sacrifice, 96 Sivaji, Kurmis claim kinship with, 91; worshipped by Ganda fishermen, 220 Siyalgirs of Midnapur, 11 Skanda Gupta, last king of Gupta dynasty, 58 Skanda Purana, Parasu Rama's raid in. Smeaton, Mr., Loyal Karens of Burma. Smith, illustration of caste organisation, Smith, Robertson, on totemism, 103 Social divisions, 61 Social precedence among Muhammadans. 118 Social statistics: Turco-Iranian, App.,

xxxii; Indo-Aryan, App., xxxiii; Scy-

tho-Dravidian, App., xxxiv; Lingayats, App., xxxvi; Dravidian tract. App.,

clxxxviii INDEX.

xxxvii; Arya-Dravidian tract, App., xii; Mongolo-Dravidian tract, App., xliv; Mongoloid tract, App., xlvi Sogdiana, occupation by Scythians, 56; overrun by Ephthalites, 58 92 Sonar, proverbial sayings regarding, 129, 136, 137, App., xi Sondhias of Malwa, degradation of caste into tribe, 100 Son-Koli, orbito-nasal index, 37 Sonis discontinue widow remarriage, 93 Sparethra, Scythian queen, repulses Persians, 56 Spencer, Mr. Herbert, on totemism, 103 Spiegel, Eranische Alterthumskunde, 251 Sreshta, official caste among Newars, 85 Sri Panchami festival, observances at, 225 Srotriya or Sote, group of Muzaffarpur nose, 29 Brahmans, 206 Sse, Chinese name for Scythians, 56 Ernst, metaphysical Stahl. George system, 212 Statistics, marriage, 203; religion, 236 Stature in Europe and India, 30 tion, 87 Strabo, description of Kirman, 52 St. Thomas Syrian Christians, 80 Subarnabaniks, social status of, 116 Sudirs, caste of Roman Catholic Christians, 79 Sudras, supposed origin of, 74; not recognised as group, 112; Kayasthas alleged to be, 114; popular sayings regarding, 136 dom, 58 Sunri, social status of, 115; Sagahut subcaste of, 152 Suppalig, musician caste, 99 Supreme Beings in savage mythology, 217 among, 92 Surjyabansi Mal, Newar royal family, 85 Sut or Suta, designation of children of mixed marriages, 85 Suta, ancient functional group, 250 Sutar, in proverb, 131; popular sayings regarding, App. xii Swami of Akalkot, worshipped as Dattatreya, -220 Sykes, Major, travels in Turkestan, 52

T)

Ta, or great Yuenchi, 57
Taghers, widow marriage among, 92
Tajiks of Bactriana, 57
Takshat Raja, King of the snakes, 72
Talaings, affinity between Palaungs and,
101

Tali Kettu marriage ceremony, 200 Tamaria, territorial group, 151 Tamil Brahmans, physical type, 45 Tapodhan caste, widow marriage among, Tarin tribe, nasal index, 34. Tarwar or Talwar sept of Mundas, 94 Teli or Tili, traditional occupation, 75; distribution of, 123; popular sayings regarding, App. xiii Territorial exogamous divisions, 155 Thakkar caste of Hill Rajputs, 92 Thakurs, ancestor rulers of Nepal, 84 Tharu, separated from other Mongoloids in Census Report, 108 Theodosian Code, ordinances of, 260 Thomas, Mr. Oldfield, measurement of Thugaungs, endogamy among, 121 Thurston, Mr. Edgar, measurements by Tibetans, nasal index of, 42 Tirhutia, sub caste formed by migra-Titular exogamous divisions, 155 Tiyans, head form of, 44 Todas, Darwin cited to explain proportion of sexes among, 170 Tokhari, defeated by Huns, 57 Topinard, French anthropologist, 13, 15, Toramana, takes possession of Gupta king-Totemism in India, 93 Totemistic exogamous divisions, 155 Tragala caste in Baroda, widow marriage Transmigration and Karma, 229 Transoxiana occupied by Scythians, Turk, popular sayings regarding, 136 Turkestan, empire of Scythians in, 56 Turko-Iranian tribes, physical types, 31, 34; social types, 63 Turner, Sir William, craniologist, 19, 31 Turushkas or Sakas, 57 Tylor, Mr. E. B., Primitive Culture, 175, Types of tribes, 61

TT

Uchai Thakurs, parentage of, 84 Udbaru sept of Mundas, totem of, 94 Ujfalvy, M., L'Anthropologie, 35; on Kirghiz physiognomy, 57 Uttariya, territorial group, 151 Uttar karhi Kayasthas, marriage among, 163

V

Vadars, characteristic taboo of, 98 Vadhels, widow marriage among, 92 Vaideha, early tribal or national group, 250 Vaidik, Brahmans, low status of, 116 Vaidu herbalists of Poona, 11 Vaishnavas, aborigines become, 72 Vaisyas, subarnabanik claim to be, 110; group in Census Report, 110, 111 Van Gennep, Arnold, on Madagascar, 173 Vansittart, Col., notes on Nepal, 84 Vedas, and animism, 227 Veddahs of Ceylon, Melanochroi type, 23 Vedic ritual, magic in, 219 Vellalas of Madras, 44, 45; transformed from tribe to caste, 74; popular sayings regarding, App., vii Vena, ancient functional group, 250 Vidurs, Brahman parentage of, 84 Vinci, Leonardo da, Trattato della pittura. 16 Virchow, anthropometrical classification, Vitruvius, De architectura, 16 Voltaire, on maxims and proverbs, 124 Von Schlegel on foreign origin of Arvans. 49

Vratyas, outcasts from the thrice-born caste, 90
Vredenburg, E., geology of Baluchistan, 50
Vyas Sarasvat, widow marriage among, 92
Vyasokta Brahmans, status of, 113

W

Waddell, Lt.-Col., 21, 40, 42, 43
Walterkrit Sabha, rules of, 188
Was, primæval ancestors of, 101.
Widow marriage, prohibition of, 175;
feeling as to extension of, 178; among
Muhammadans, 205

X

Xanthochroi type, 23

Y

Yajur Veda, encouragement of infanticide in, 159
Yashvantrao, worship of, 220
Yeruvas of Southern India, 21
Yuechi dislodge Scythians from Transoxiana, 56; advance into Bactriana, 57
Yule, Sir Henry, on caste, 66
Yusuf Ali, Mr., on uniformity of Indian life, 287

7

Zimmer, Altindisches Leben, 49, 175

PLATE I.

FROM A PHOTOGRAPH BY DR. SIMPSON.

KHAMTI FEMALE.

The chief seat of the Khamtis, who are a branch of the Shan or Tai race, is in Bor Khamti, a Province of Burma, on the Upper Irrawady. Several colonies from thence have settled in Upper Assam, on both banks of the Brahmaputra River, east of Sadiya. They are Buddhists in religion, and by far the most intelligent of the tribes of the North-Eastern Frontier.

This is a very typical representation of a young Khamti woman. The elevation of the hair on the crown of the head indicates that she is married, and the style is recommended as dignified and becoming. Unmarried girls wear it in a roll low down on the occiput. They are exceedingly industrious, spin, weave, dye, and embroider, and can themselves make up all that they wear. The jacket is ordinarily of cotton, dyed blue; the petticoat of the same material, and round the waist a colored silkscarf as a sash. But the dress of the lady in the illustration is of richer material—black velvet bodice and silk skirt. The ear ornaments are of amber.

PLATE I.



PLATE II.

FROM A PHOTOGRAPH BY DR. SIMPSON.

CHULIKATA WOMAN.

A typical, but not a favorable specimen of a Chulikata, or crop-haired, Mishmi woman. This tribe occupies the hills north of Sadiya, but their country is so difficult of access, that very little is known about it. They trade between Tibet and Assam, when at peace; but they are considered the most treacherous and aggressive of all the North-Eastern tribes, though more skilled in arts and manufactures than their neighbours, the Abors to the East, and the Mishmis to the West. They are called Chulikata, or crop-haired, from their having originated the modern fashion of cutting the hair straight across the forehead. The men cut theirs to the level of the rims of their wicker helmets as far as the back of the ear; both sexes wear it long behind.

PLATE II.



PLATES III & IV.

FROM PHOTOGRAPHS BY DR. SIMPSON.

MALE AND FEMALE OF THE TAIN OR DIGARU MISHMI TRIBE.

These are both good average specimens of the tribe. They are, as a rule, fairer and with softer features than the Abors, acquiring from their journeys across the snow a becoming ruddiness of complexion. The young women have generally pretty figures, which their costume shows to advantage. The frontlet, a thin plate of bright silver, is a picturesque and becoming ornament, worn on the forehead by all women who can afford it. They are a quiet, inoffensive people, occupying the hills and skirts of the hills between the Digaru and Dilli Rivers. two of the north hill-affluents of the Brahmaputra, and devoting themselves chiefly to trade.

PLATE III.



PLATE IV.



PLATE V.

FROM A PHOTOGRAPH BY DR. SIMPSON.

TAIN MISHMI GIRL.

An admirable and thoroughly typical representati of a Tain Mishmi girl.

PLATE V.



PLATE VI.

FROM A PHOTOGRAPH BY DR. SIMPSON.

BOR ABOR GIRL.

A Bor Abor girl, belonging probably to some village near the great Dihong River in the Sub-Himalayan range. These ladies crop their hair all round as the least troublesome method of disposing of it. The illustration gives a capital representation of their strongly marked Mongolian features, and their coarse, good-tempered faces. This young girl's costume and the ornaments are all apparently from the North; the blue vitreous turquoise-like beads, which our glass manufacturers cannot imitate, and cornelian and agate pebbles.

PLATE VI.

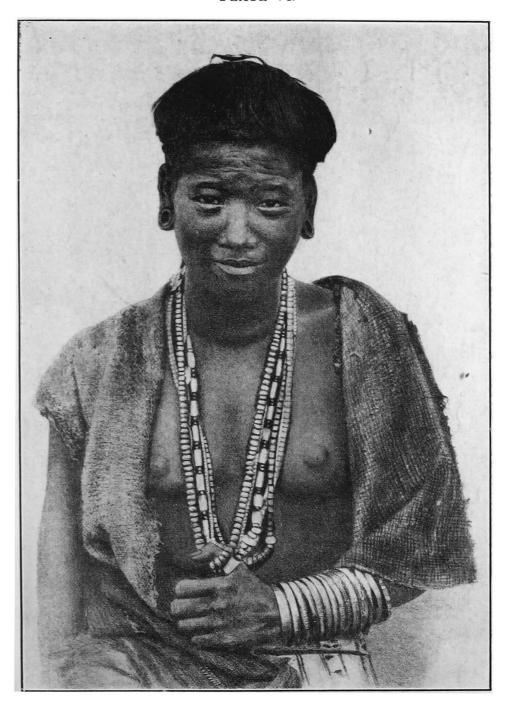
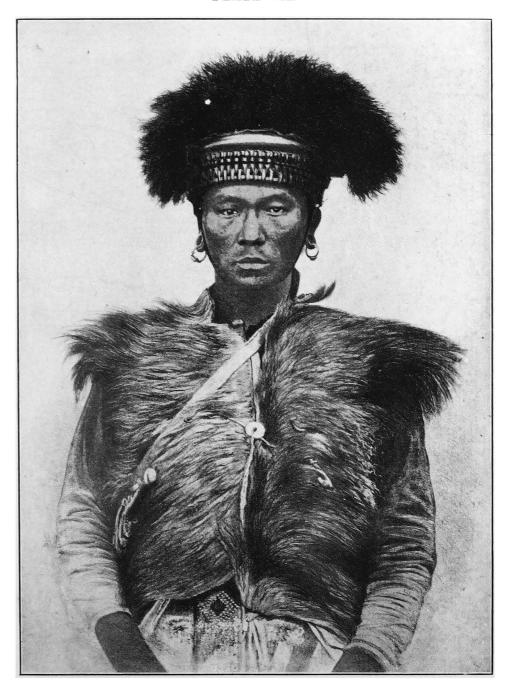


PLATE VII.

FROM A PHOTOGRAPH BY DR. SIMPSON.

A CHULIKATA MISHMI CHIEF IN FULL DRESS.

PLATE VII.



PLATES VIII & IX.

MALE AND FEMALE OF THE LOWER NAGA GROUP.

These are admirable illustrations of one of the Naga tribes, who are found in the hills, south of the Nowgong district, between the Doyang and Kopili Rivers, in the Assam Province. There is nothing that I know of except the name to connect these clans with the tribes east of the Doyang. Their features are harsher, more decidedly Mongolian; and their language, which is quite different, associates them with the Manipuri and Kuki tribes and their cognates.

PLATE VIII.

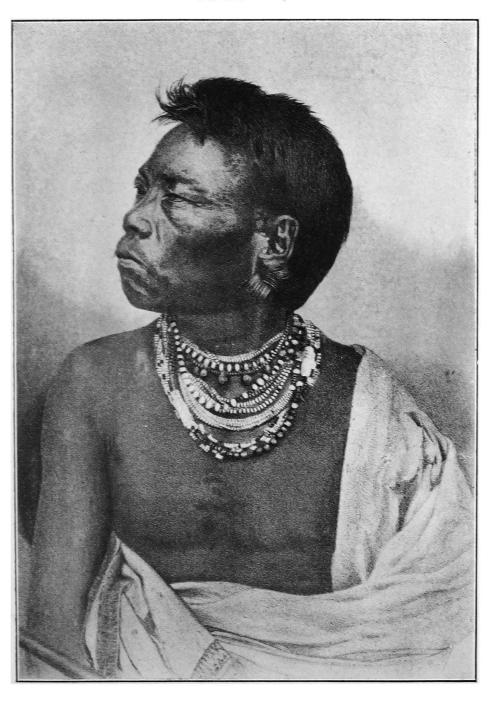
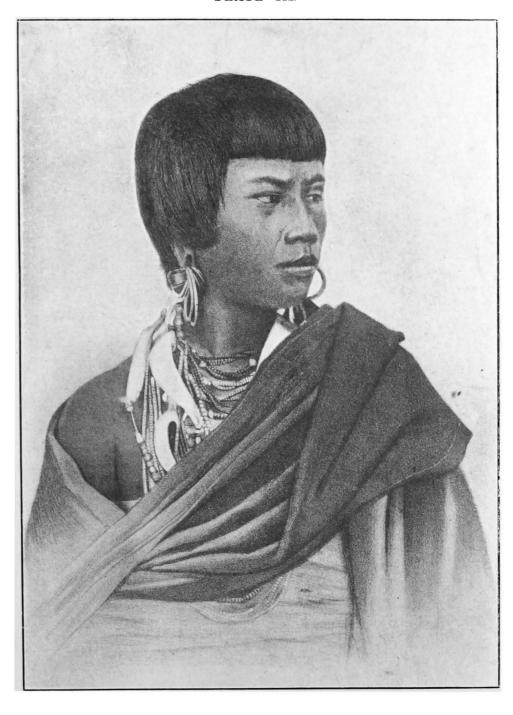


PLATE IX.



PLATES X & XI.

From Photographs by Dr. Simpson.

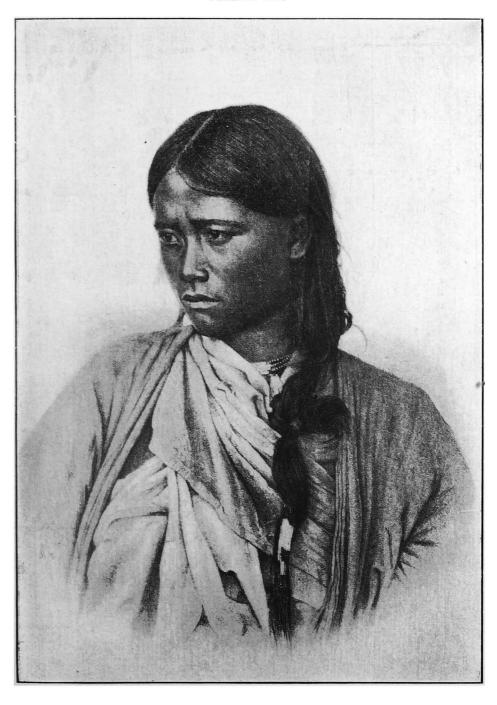
LEPCHAS (SIKKIM).

The Lepchas are found in Western Bhutan, Eastern Nepal, and in the small State between both, called Sikkim. They are well known at Darjeeling.

PLATE X.



PLATE XI.



PLATES XII & XIII.

PHOTOGRAPHED BY DR. SIMPSON.

LIMBU, MALE AND FEMALE.

The very respectable-looking gentleman here represented and the richly bedizened old lady belong, I presume, to the upper class of Limbu society. The Limbus or Kirantis are represented by Mr. Hodgson and others as approximating in appearance to the darker Turanian race in color and feature, but the old lady is apparently of light complexion, and has a very Mongolian type of face.

Note.—The use of Kiranti as a synonym for Limbu is not strictly correct. The Limbu tribe is only one member of the Kiranti group, which includes also the Khambu (Rai or Rai Jimdār) and the Yākhā. The term Turanian is now obsolete as a race designation.

H. H R.

PLATE XII.



PLATE XIII,

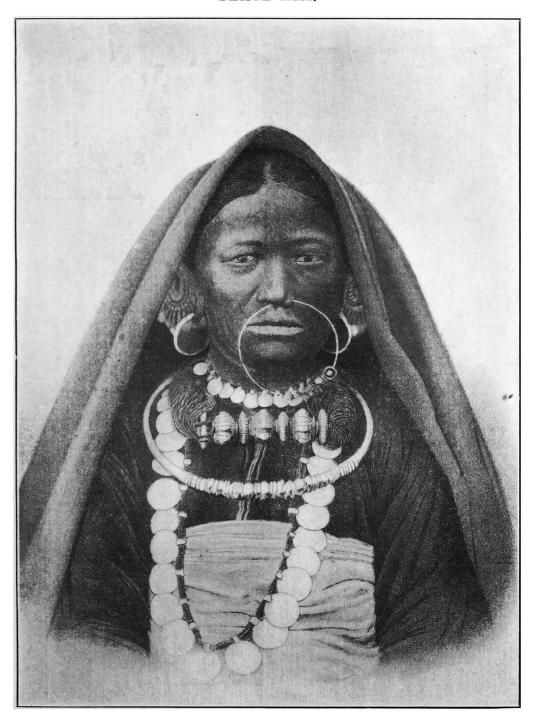


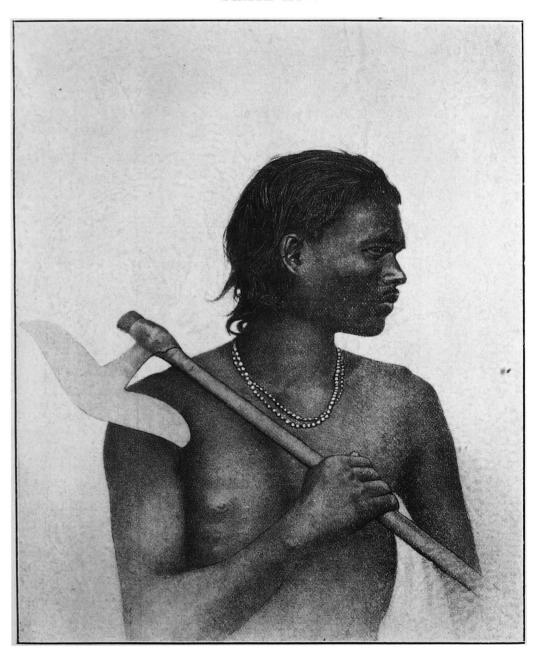
PLATE XIV.

FROM A PHOTOGRAPH BY DR. SIMPSON.

A 'HO' OR KOL OF SINGHBHUM.

This is a good typical representation of a young Singhbhum Ho or Kol of the clan, or Kili, Koadadah. In his right hand he grasps the national weapon called 'tanghir.' This division of the Kols, called also the Larka, or warlike Kols, are found only in Singhbhum.

PLATE XIV.



PLATES XV & XVI.

FROM PHOTOGRAPHS BY DR. SIMPSON.

MUNDAS OF CHUTIA NAGPUR, MALE AND FEMALE.

The above are Mundas of villages close to Ranchi, the capital of the Province of Chutia Nagpur, who living with Oraons have adopted their style of decoration. They are good typical representatives of the race, though not handsome specimens. They show the breadth of face and obliquity of eye, which affirm the north-eastern origin ascribed to them.

Note.—The Mundas are now generally classed as Dravidians and the theory of their 'north-eastern origin' has been abandoned.

H. H. R.

PLATE XV.

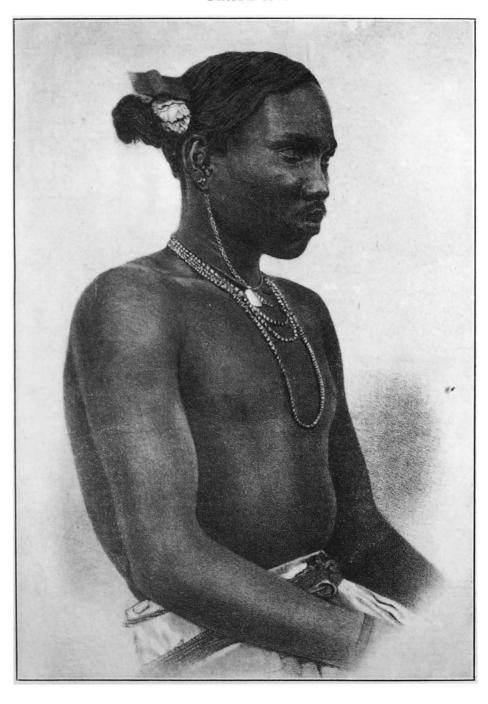


PLATE XVI.

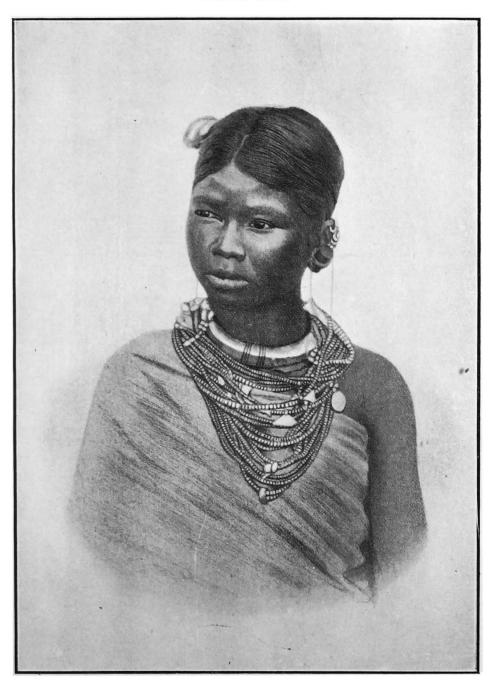


PLATE XVII.

FROM A PHOTOGRAPH BY DR. SIMPSON.

A GROUP OF KORWAS.

This is one of the wildest of the Kolarian tribes. They are found in the hills of the Sarguja and Jashpur States in the Province of Chutia Nagpur.

PLATE XVII.

PLATES XVIII & XIX.

FROM PHOTOGRAPHS BY DR. SIMPSON.

These are very fair specimens of the great Oraon tribe who have been sometimes called the 'navvies' of India. The nucleus of the tribe is in Chutia Nagpur proper, from whence they have spread as settlers to all the surrounding districts, and as labourers to Assam, Kachar, Mauritius, the West Indies, and other British and French Colonies.

PLATE XVIII.

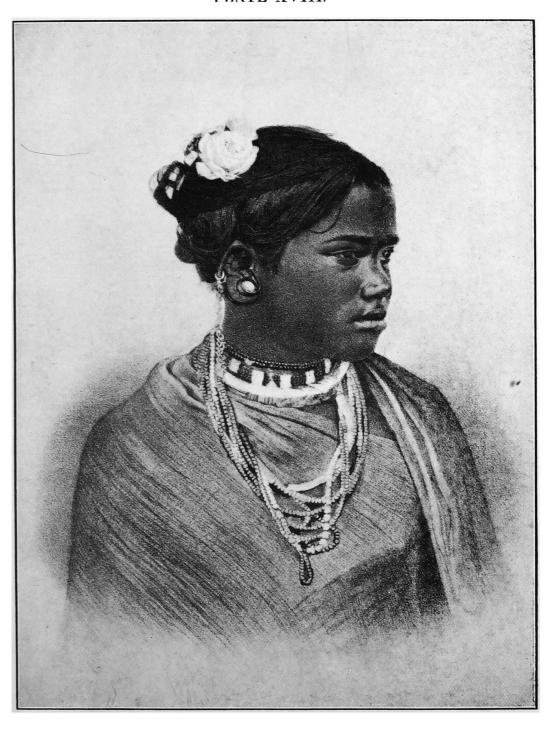


PLATE XIX.

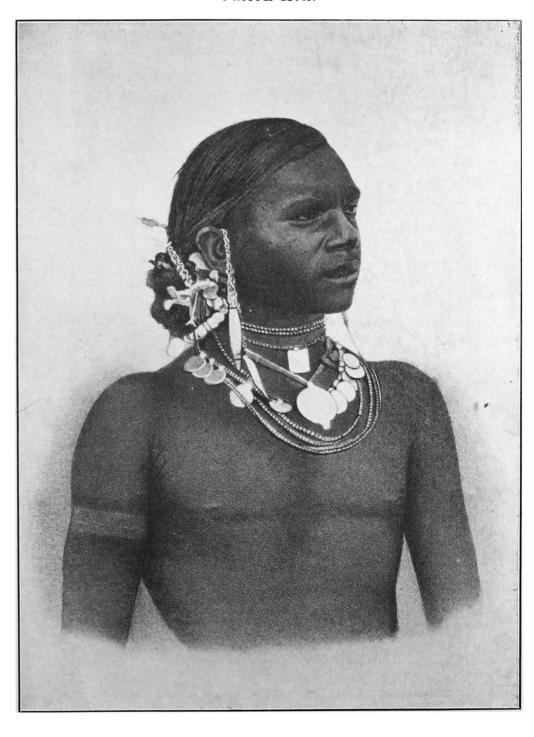


PLATE XX.

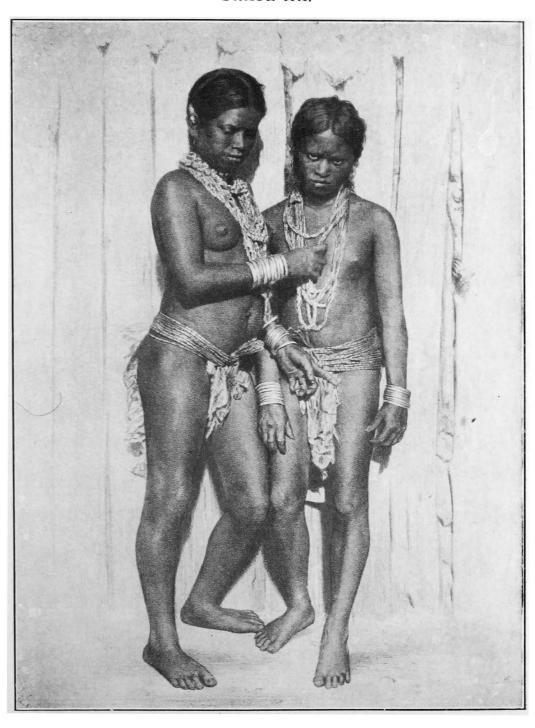
FROM A PHOTOGRAPH BY THE LATE MR. TOSCO PEPPE.

JUANG GIRLS.

This illustration of the most primitive of the Kolarian race was obtained at Gonasika in Keonihar, the legendary cradle of the race. The beads or bugles forming the girdles are of fine earthenware made by themselves. The bracelets are of brass and the necklaces of glass beads or flowers. The rest of the attire is of leaves. Mr. Peppé had immense difficulty in including these wild timid creatures to pose before him, and it was not without many a tear that they resigned themselves to the ordeal. It is right to mention that they were brought in from the forest, where they had been searching for their daily bread which chiefly consists of forest produce, and their leaves were not as neatly arranged as they would have been if the girls had had time to make. a fresh toilette.

Note.—The origin of Juang millinery is obscure. According to one legend the goddess of the Baitarni river caught a party of Juangs dancing naked and ordained for the women, on pain of divine displeasure, the costume shown in the illustration. This consists of the young shoots of any tree with long soft leaves, stuck through the girdle in front and behind, and suitably draped. As long as the leaves are fresh they are comfortable enough; when they get dry they are unpleasantly prickly. For the men the goddess prescribed a shred of bark from the Tumba tree which has now given place to an exiguous strip of cloth. The Juang ladies, according to Colonel Dalton, repudiated this scandalous tale, and alleged that their attire expressed their genuine conviction that women's dress should be cheap and simple, and that fashions should never change. How much this was worth was seen a year or so later when a sympathetic Political Agent took the prevailing fashion in hand. An open air durbar, fitted out with a tent and a bonfire, was held in the Juang hills. One by one the women of the tribe filed into the tent and were robed by a female attendant in Manchester sarus provided at the Agent's expense. As they came out they cast their discarded Swadeshi attire into the bonfire. Thus ended a picturesque survival.

PLATE XX.



PLATES XXI & XXII.

TYPICAL SPECIMENS OF THE JUANG TRIBE, MALE AND FEMALE.

These are from photographs taken by Mr. Tosco Peppé at Gonasika in Keonjhar, one of the Cuttack Tributary States. The young man keeps his spare arrows hanging by the barbs from his matted black hair, as is also the custom of the Korwas.

PLATE XXI.

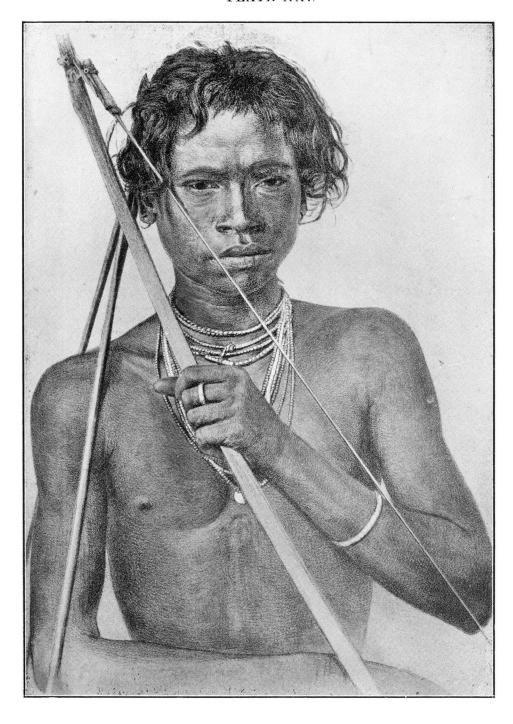
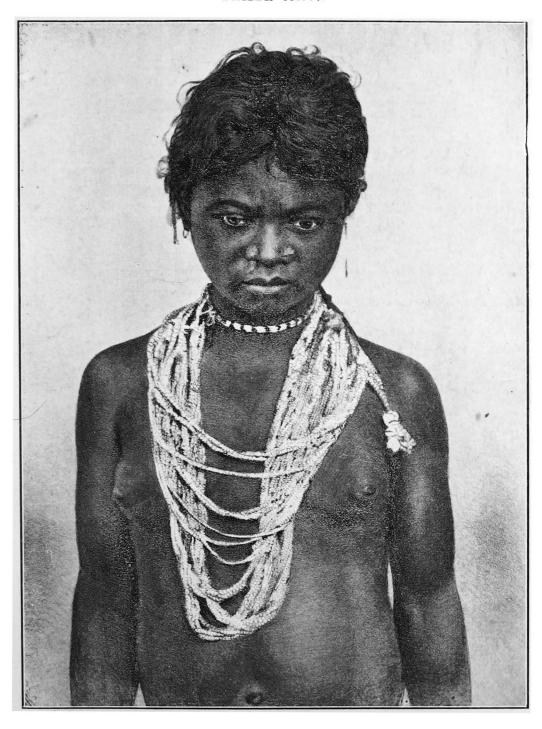


PLATE XXII.



PLATES XXIII & XXIV.

FROM PHOTOGRAPHS BY THE LATE MR. TOSCO PEPPE.

MALE AND FEMALE OF THE BENDKAR TRIBE.

I have assigned to the Bendkars of Keonjhar a relationship with the Sauras or Savaras. They have only been met with in Keonjhar, and they are found there in small communities widely separated. The man holds the only implement that they use in tillage. It is the origin of the plough! The handle with the crook is all one piece of wood; in the illustration the crook is made to appear as if it was fitted on to the handle, but this is incorrect, there is no joint, and there should have been no shade at the junction. The only use they ever make of cattle is to offer them as sacrifice to the gods. Thus we have in the Bendkars a people who in their agriculture use neither iron nor cattle.

Note.—The typical form of the Bendkar plough is a straight piece of a branch of a tree with a shorter piece of another branch growing out of it. The long piece forms the handle, the short one the share.

H. H. R.

PLATE XXIII.

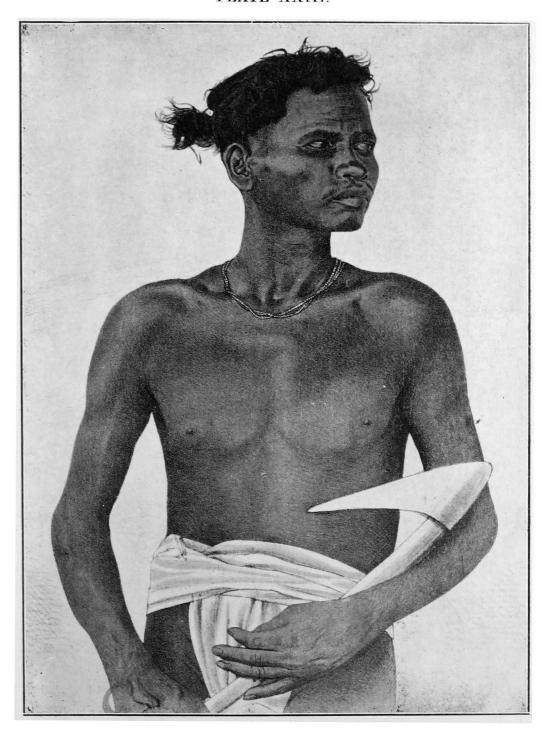


PLATE XXIV.

