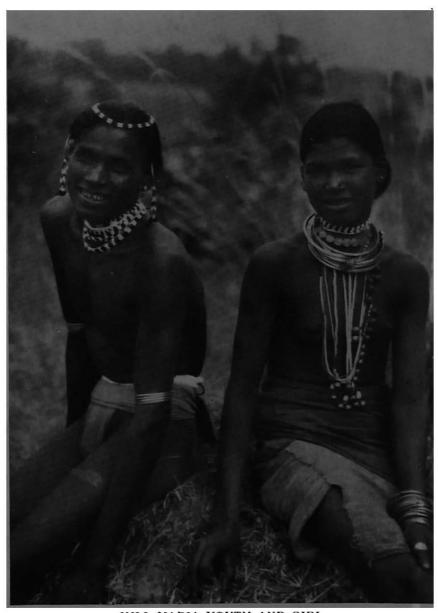
THE MARIA GONDS OF BASTAR



HILL MARIA YOUTH AND GIRL (Photograph by Baron E. von Eickstedt)

THE MARIA GONDS OF BASTAR

By
W. V. GRIGSON
Indian Civil Service

WITH AN INTRODUCTION BY

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To the Peoples of Bastar and To my Companions in Bastar 1927-31

TABLE OF CONTENTS

Introductio	N				3 4					AGE xi
Preface	••	••	••	• •	••	••	••	••		χV
			:	PAR	TI					
			INT	RODU	JC T OI	RY				
Bastar Stat Ethnograph						RICAL,	Grogi	КАРНІС •••	AND	I
			•	Снарт	er I					
THE SETTING	in Tim	E; THE	Hist	ORICAI	. Isola:	TION OF	Basta	R	••	3
			C	HAPT	er II					
THE SETTING GRAPHY OF I					AL AN	о А д м	inistr <i>i</i>		GB0-	21
			C	HAPTE	R III					
THE ETHNOL	OGICAL	Setti	NG; T	н в Рк	INITIVE	RACE	s or B	ASTAR	••	35
			I	PAR	l II					
PERSO	NAL	APPE	ARA	NCE	AND	CHA	RACT	ERIST	rics	
			С	HAPTI	er IV					
PERSONAL A BODILY ATT ORNAMENTS	ITUDES	; CLI	BANLII	NESS;	HAIR-	DRESSI	NG;]	DRESS	AND	
Tools		•••		••	• •	••	••	• •	••	61
			(Снарт	er V					
CHARACTER	••		••	٠.		••	••	••	••	91

CONTENTS

PART III

DOMESTIC LIFE AND ECONOMY

CHA	PTER	VI

								3	PAGE
Vil	LÁGI	s, Houses and their C	ONTENT	rs ·	••				101
	A.	HILL MARIAS	• •	• •		• •			101
	В.	Bison-horn Marias	••	••	••	• •	••	• •	118
		Сн	APTER	VII					
AG	RICUI	LTURE			•• .				125
		Сн	APTER	VIII					
Ppc	ישוזיי	ING OF OTHER FOOD AND							151
			, DRIN		••	••	••	* *	151
		HUNTING AND TRAPPING		••	• •	• •			154
4		Domestication of Anim	=		••	• •	* •	••	161
*		Fishing	anls	• •	••	• •	• •	••	163
		Intoxicants and Othe			••	• •	••	••	168
		INTOXICANTS AND OTHE	K DKIL		••	• •		••	100
		CE	LAPTE	ίX	,	•			
Do	MEST	IC LIFE; MISCELLANEOU	s.	* *	* *			. =	172
	A.	TREATMENT OF SICKNES	s						172
	B.	Manufactures	* *						174
	C.	MUSICAL INSTRUMENTS		.:				.:	181
	D.	DANCING. I. HILL M.	ARIA						183
		2. Візон-н	orn M	ARIA		• •	• •	• •	185
	E.	OTHER AMUSEMENTS	. · .		- •	• •			186
		RECKONING TIME	• •	* *				• •	187
		DAILY ROUTINE			••	• •	••	• •	188
•	H.	Fire-Making	••	- 1			• •	• •	189
		P.	ART	IV					
		RELIGIO)N AN	D MA	AGIC				
		C	HAPTE	кX					
THE	e Ea	ARTH, THE CLAN-GOD AND	THE T	/illagi	том з	IER	••	• •	193
		Сн	IAPTER	XI					
Тн	e An	NUAL RELIGIOUS CEREMO	NIES OF	THE E	ison-n	orn M	ARIAS		208

CHAPTER XII

CHAPTER XIV MARRIAGE	Tue Cr	UT OF THE THEAT	TED MAGE	C AND	Wirei	70 A 87	Омт		PAGE
CHAPTER XIII SOCIAL ORGANIZATION, LAW AND CUSTOM CHAPTER XIV MARRIAGE CHAPTER XV BIRTH AND CHILDHOOD A. HILL MARIAS B. BISON-HORN MARIAS CHAPTER XVI DEATH AND FUNERAL CEREMONIES A. HILL MARIAS CHAPTER XVI DEATH AND FUNERAL CEREMONIES CHAPTER XVI DEATH AND FUNERAL CEREMONIES CHAPTER XVII VILLAGE, CLAN AND PARGANA AUTHORITIES AND PANCHAYATS; THEIR EXECUTIVE AUTHORITY; THEIR JUDICIAL AUTHORITY AND METHODS; PROPERTY AND INHERITANCE; POSITION OF WOMEN; THE RECENT STATE ORDERS RESTORING JUDICIAL AUTHORITY TO PANCHAYATS 1. ADMINISTRATIVE DIVISIONS OF BASTAR STATE APPENDIXES 1. ADMINISTRATIVE DIVISIONS OF BASTAR STATE 299							-	-	222
CHAPTER XIII SOCIAL ORGANIZATION, LAW AND CUSTOM CHAPTER XIV MARRIAGE CHAPTER XV BIRTH AND CHILDHOOD A. HILL MARIAS B. BISON-HORN MARIAS CHAPTER XVI DEATH AND FUNERAL CEREMONIES A. HILL MARIAS CHAPTER XVI DEATH AND FUNERAL CEREMONIES CHAPTER XVI DEATH AND FUNERAL CEREMONIES A. HILL MARIAS CHAPTER XVII VILLAGE, CLAN AND PARGANA AUTHORITIES AND PANCHAYATS; THEIR EXECUTIVE AUTHORITY; THEIR JUDICIAL AUTHORITY AND METHODS; PROPERTY AND INHERITANCE; POSITION OF WOMEN; THE RECENT STATE ORDERS RESTORING JUDICIAL AUTHORITY TO PANCHAYATS 1. ADMINISTRATIVE DIVISIONS OF BASTAR STATE APPENDIXES 1. ADMINISTRATIVE DIVISIONS OF BASTAR STATE 1. ADMINISTRATIVE DIVISIONS OF BASTAR STAT			DADT	r 17					
CHAPTER XIII SOCIAL ORGANIZATION; THE PHRATRIES AND CLANS			PAK	L V					
CHAPTER XIV MARRIAGE CHAPTER XV BIRTH AND CHILDHOOD A. HILL MARIAS CHAPTER XVI DEATH AND FUNERAL CEREMONIES A. HILL MARIAS CHAPTER XVI DEATH AND FUNERAL CEREMONIES CHAPTER XVI DEATH AND FUNERAL CEREMONIES CHAPTER XVII VILLAGE, CLAN AND PARGANA AUTHORITIES AND PANCHAYATS; THEIR EXECUTIVE AUTHORITY; THEIR JUDICIAL AUTHORITY AND METHODS; PROPERTY AND INHERITANCE; POSITION OF WOMEN; THE RECENT STATE ORDERS RESTORING JUDICIAL AUTHORITY TO PANCHAYATS APPENDIXES I. Administrative Divisions of Bastar State APPENDIXES I. Administrative Divisions of Bastar State PHRATRIES, AND PEDIGREE OF THE HILL MARIA CLANS AND PEDIGREE OF THE HILL MARIA FAMILY		SOCIAL ORGAI	NIZATION	I, LA	W AN	D CU	STOM	ĺ	
CHAPTER XIV MARRIAGE CHAPTER XV BIRTH AND CHILDHOOD A. HILL MARIAS CHAPTER XVI DEATH AND FUNERAL CEREMONIES A. HILL MARIAS CHAPTER XVI DEATH AND FUNERAL CEREMONIES A. HILL MARIAS CHAPTER XVII VILLAGE, CLAN AND PARGANA AUTHORITIES AND PANCHAYATS; THEIR EXECUTIVE AUTHORITY; THEIR JUDICIAL AUTHORITY AND METHODS; PROPERTY AND INHERITANCE; POSITION OF WOMEN; THE RECENT STATE ORDERS RESTORING JUDICIAL AUTHORITY TO PANCHAYATS APPENDIXES I. ADMINISTRATIVE DIVISIONS OF BASTAR STATE APPENDIXES I. ADMINISTRATIVE DIVISIONS OF BASTAR STATE 299 11. LISTS OF HILL MARIA CLANS AND BISON-HORN MARIA CLANS AND PERIFATRIES, AND PEDIGREE OF THE HILL MARIA FAMILY			Снартен	XII	I				
CHAPTER XV BIRTH AND CHILDHOOD	SOCIAL	ORGANIZATION; TH	E PHRATRIE	S AND	CLANS		••		233
CHAPTER XV BIRTH AND CHILDHOOD			Снартен	XIV	,				
BIRTH AND CHILDHOOD	MARRIA	.GE				• •			244
A. HILL MARIAS			Снарте	r XV					
A. HILL MARIAS	BIRTH .	AND CHILDHOOD							263
CHAPTER XVI DEATH AND FUNERAL CEREMONIES	A.	HILL MARIAS	** **				• •		
DEATH AND FUNERAL CEREMONIES	В.	BISON-HORN MARI	AS	• •			• •		269
A. HILL MARIAS			Снарте	R XVI	[
A. HILL MARIAS	DRATH	AND FUNERAL CER			=				271
CHAPTER XVII VILLAGE, CLAN AND PARGANA AUTHORITIES AND PANCHAYATS; THEIR EXECUTIVE AUTHORITY; THEIR JUDICIAL AUTHORITY AND METHODS; PROPERTY AND INHERITANCE; POSITION OF WOMEN; THE RECENT STATE ORDERS RESTORING JUDICIAL AUTHORITY TO PANCHAYATS 284 APPENDIXES I. Administrative Divisions of Bastar State									•
VILLAGE, CLAN AND PARGANA AUTHORITIES AND PANCHAYATS; THEIR EXECUTIVE AUTHORITY; THEIR JUDICIAL AUTHORITY AND METHODS; PROPERTY AND INHERITANCE; POSITION OF WOMEN; THE RECENT STATE ORDERS RESTORING JUDICIAL AUTHORITY TO PANCHAYATS 284 APPENDIXES 1. Administrative Divisions of Bastar State 299 II. Lists of Hill Maria Clans and Bison-horn Maria Clans and Phratries, and Pedigree of the Hill Maria Family									-
VILLAGE, CLAN AND PARGANA AUTHORITIES AND PANCHAYATS; THEIR EXECUTIVE AUTHORITY; THEIR JUDICIAL AUTHORITY AND METHODS; PROPERTY AND INHERITANCE; POSITION OF WOMEN; THE RECENT STATE ORDERS RESTORING JUDICIAL AUTHORITY TO PANCHAYATS 284 APPENDIXES 1. Administrative Divisions of Bastar State 299 II. Lists of Hill Maria Clans and Bison-horn Maria Clans and Phratries, and Pedigree of the Hill Maria Family			CHAPTER	XVI	ī				
EXECUTIVE AUTHORITY; THEIR JUDICIAL AUTHORITY AND METHODS; PROPERTY AND INHERITANCE; POSITION OF WOMEN; THE RECENT STATE ORDERS RESTORING JUDICIAL AUTHORITY TO PANCHAYATS 284 APPENDIXES I. Administrative Divisions of Bastar State 299 II. Lists of Hill Maria Clans and Bison-horn Maria Clans and Phratries, and Pedigree of the Hill Maria Family	37.5	n Coon our Bone				•			
PROPERTY AND INHERITANCE; POSITION OF WOMEN; THE RECENT STATE ORDERS RESTORING JUDICIAL AUTHORITY TO PANCHAYATS 284 APPENDIXES I. Administrative Divisions of Bastar State									
APPENDIXES I. Administrative Divisions of Bastar State	Proper	TY AND INHERITAN	cu; Positi	ON OF	Womi	EN; TH	E REC	ENT	
I. Administrative Divisions of Bastar State 299 II. Lists of Hill Maria Clans and Bison-horn Maria Clans and Phratries, and Pedigree of the Hill Maria Family									284
I. Administrative Divisions of Bastar State 299 II. Lists of Hill Maria Clans and Bison-horn Maria Clans and Phratries, and Pedigree of the Hill Maria Family		•							
II. Lists of Hill Maria Clans and Bison-horn Maria Clans and Phratries, and Pedigree of the Hill Maria Family			APPENI	DIXE:	5				
II. Lists of Hill Maria Clans and Bison-horn Maria Clans and Phratries, and Pedigree of the Hill Maria Family	1.	ADMINISTRATIVE DI	VISIONS OF	BASTAR	STATE	.			200
PHRATRIES, AND PEDIGREE OF THE HILL MARIA FAMILY									-33
holding the Hereditary Headmanship of Chhota								_	
							г Сни	ATOI	
Dongar Pargana and Orcha Village 300						• •	• •	٠.	300
III. HILL MARIA TERMS OF RELATIONSHIP 308				GIHZKO	• •		• •	• •	308
IV. Names of Men and Women 310									310
V. Anthropometric Analysis of the Hill and Bison-horn Marias, by Mr. R. C. Roy	V .								224
* VI. LANGUAGE	* VI.	·			_				•
VII. GLOSSARY OF VERNACULAR TERMS	_								
VIII. BIBLIOGRAPHY									

LIST OF ILLUSTRATIONS

PLATE		PAGE
	HILL MARIA YOUTH AND GIRL	frontispiece
I	MAP OF BASTAR STATE—NATURAL DIVISIONS	20
11	(1) THE CHITRAKOT FALLS OF THE RIVER INDRAWATI	
	(2) Confluence of Rivers Indrawati and Komra, Border of Bastar and Chanda	
	(3) THE ARANPUR PASS	facing 22
Ш	MAP OF BASTAR STATE—POLITICAL DIVISIONS	29
IV	BASTAR STATE ETHNOGRAPHIC MAP	40
V	(1) and (2) A HILL MARIA, OF THE GOND TYPE. USENDI MUKA OF ORCHA	
	(3) GROUP OF HILL MARIA GIRLS	facing 62
VI	(1) FULL-PACE, JUGHO CHERO, OF ITULNAR	
	(2) HILL MARIA OF HANDAWADA	
	(3) KUTRU MAR YOUTHS, WEARING TAGHALI BARK	
	OVERCOATS	facing 70
VII	(1) and (2) HILL MARIA DANCERS; (2) SHOWS THE USE OF BARK RAIN-COAT AS DANCING SKIRT	
	(3) HILL MARIA DANCERS, SHOWING DANCING-SHIELDS AND BUNCHES OF PELLET-BELLS WORN OVER THE RUMP	
	(4) A HILL MARIA OF KURMER, USING HIS RAIN-HAT	
	AND RAIN-SHIELD, AS HE WORKS WITH HIS	
• .	GUDARI DIGGING HOB	facing 74
VIII	BISON-HORN MARIA DANCERS	facing 78
IX	BISON-HORN MARIA DANCERS AT BAILADILA: Abous, Four Men	
	Below, Women, showing the Clothes, the Masses	
	of Ornaments, and the Tirdudi Bamboo	
	DANCING-STAVES	facing 80
Х	(1) THE VILLAGE MOTHER'S SHRINE AT ORCHA	
***	(2) THE VILLAGE MOTHER AT HANDAWADA	facing 110
XI	(1) HILL MARIA WOMEN CARRYING GOURDS OF WATER (2) HILL MARIA WOMAN CARRYING A LEAF-BOX OF GRAIN	
	(3) BISON-HORN MARIA VILLAGE STREET, TELAM, NEAR	
	KATAKALIAN	facing 118
ХII	PLANS OF BISON-HORN MARIA VILLAGE AND HOUSE	121
XIII	HILL MARIA PENDA FIELD, JUST HARVESTED, DUD-	
	MARKA, KUTRU MAR	facing 132

PLAT	E			P	AGE
XIV	Tondawada, Hill Maria Dam for Rice Cul	TIVATIO	N:		
	Above, Downstream Face				
	Below, Upstream Face	••	• •	facing	146
XV	(1) HILL MARIA DANCERS				
	(2) HILL MARIA DOMESTIC LIFE. FETCHIN	G WAT	ER		
	FROM RIVER	• •	• •	facing	184
XVI			ER-		
	INGS BEFORE THE ALTAR OF BOWS	• •	• •	facing	211
XVII	HILL MARIA TYPES:	D			
	Above, Arki Baiyya of Korawaya; Ge of Chudala Tondawada	CHA F)LA		
	Below, Jugno Buke of Itulnar; Gum	A EWA	DO		•
	of Goti			facing	226
XVIII	BISON-HORN MARIA TYPES:			_	
	Above, Markami Harma of Burgum;	MARK	AMI		
	Joga, Headman of Burgum				
	Below, Mase, Wife of Markami Muka o	f Kak	ADI	facing	240
XIX	(1) THE POURING OF WATER OVER THE BE				
	AND BRIDE AT THE BISON-HORN MA	RIA W	ED-		
	DING DESCRIBED AT PAGE 258				
	(2) An old Bison-Horn Maria from Gudra Katakalian and Kuakonda				
xx	HILL MARIA DEATH CEREMONIES:	••	••	facing	234
25.43	(1) MOURNING OVER A CORPSE, HANDAW	ADA			
	(2) KEENING FOR A DEAD WOMAN, BHEF		DA.		
	WADA	- IO.	<i>-</i> 11		
	(3) BURIAL GRAVE AT NUGUR, KUTRU M	LAR		facing	274
XXI	BISON-HORN MARIA MEMORIALS TO THE D				•
	(I) URAS-GATTA POST, NEAR CHITRAKOT	FALLS			•
	(2) DANYA-KAL AND URAS-KAL STONES,	ARANI	PUR	facing	280
XXII	URAS-KAL STONES ON DANTEWARA-BAILA I	ILA R	DAD	facing	282
XXIII	HILL MARIA PANCHAYAT, ITULNAR, SHOWING				
	AND SECULAR HEADMEN SEATED	N STO	NE		
	Udam-garya Seats	• •	• •	facing	290
BT C 71 D 7					
FIGURE I An	ragarh Tahsil, divided into Parganas			₽	AGE
	L Maria Arrows	••	••	• •	33 86
	L Maria Bowman, showing Method of Re-		••	••	_
	L MARIA AXE, HOE AND DIGGING IRON; BIS				87
	Hom	• •			89
5 Ma	p of Karangul Village of the Parllo Hill	Maria	CLAN		105
6 Par	rish Map of Handawada	•• ,		facing	-
7 GR	ound Plan of Three Hill Maria Houses				111
8 Hu	L MARIA PANTHER-TRAP, HANDAWADA				157

INTRODUCTION

It is very remarkable that Indian administrators and British anthropologists should have had to wait a century for any detailed authoritative account of the Gonds of Central India. It may also be said to have been very unfortunate that we should have had to wait so long, though that misfortune is much mitigated by the excellence of the monographs that we have just received from Verrier Elwin and, in particular, from Mr. Grigson. What one regrets most is that an earlier study of the Gonds might have prevented much suffering and many misfortunes, at least, that is, if it had led to the taking of measures in their interests such as Mr. Grigson was able to initiate in Bastar State during the term of his office there as Administrator and Diwan.

It is hardly necessary for me to say anything of Mr. Grigson's qualifications for writing of the Maria Gonds of that State: those qualifications will be self-evident to the discerning reader of the book which follows. But it should be placed on record that Mr. Grigson has succeeded in initiating measures to restore the jurisdiction of village panchayats, to restrict the alienation of villages to foreigners from outside by abolishing the thekadari system, to put an end to oppressive and vexatious interference by police and other petty officials with the life of the Maria village. For it is the very high privilege of that altogether too rare individual the anthropologically-minded administrative officer, that he can often bring practical benefits to the subjects of his studies as well as informative benefits to the readers he instructs.

It is obvious that this monograph on the Gonds of Bastar reveals a fusion of cultures which has not only taken place in the past but is going on in the present. The author himself draws attention to the difference between the cultures of the Bison-horn and of the Abujhmar Marias, and ascribes them to successive waves of Gond immigrants, as well as to the more recent encroachments of Hinduism. But this is not the whole of the picture, and without offering any attempt at an analysis of the Bastar cultures it is perhaps permissible to point out certain parallels and to suggest an inference or two. Mr. Ramesh Chandra Roy, dealing in Appendix V with the physical side of the Gond problem, suggests the existence of three elements, a pre-Dravidian element conveniently labelled 'proto-australoid' by Sewell and Veddaic by others—Eickstedt calls it 'Veddid'—which is dolichocephalic, prognathous and

platyrrhine; a Dravidian element, which some would prefer to call Mediterranean—dolichocephalic leptorrhine; and a slight brachycephalic element, which Mr. Roy is clearly inclined to ascribe to an alpine or palaeo-alpine source rather than a mongoloid one. He states that, although he found instances of oblique eyes, he never found a case of the epicanthic fold in Bastar. Personally, I am still unconvinced. My own impression of the Marias is that there is a slight but definite mongoloid element. Of course, these impressions are merely the result of optical observation, and unsupported by any sort of scientific measurement, and it is possible that I have been prejudiced by a certain psychological resemblance between the Marias and their neighbours and the submongoloid hillmen of Assam.

Culturally, the parallels afforded by the Maria Gonds are often interesting and suggestive, though it is possible here to mention only a few. Some of them are definitely reminiscent of tribes farther south in the peninsula. Thus the use of separate huts or shelters for the segregation of menstruating women is a custom shared with several of the Travancore hill tribes, while the objection to performing the sexual act inside a dwelling is shared with the Kadar of Cochin State, and probably with other tribes. It may perhaps be referred to a period when, as with the Andamanese to-day, the only permanent dwelling-house was an unpartitioned communal hut.

Other traits there are which recall tribes of Munda affinities. The association of peacocks with the dead and the use of kettledrums and dish-shaped gongs are shared with the Munda-speaking Sawara of the Madras Agency Tracts, and the use of the multiple cord belts for women with the Bondo Parja of the same area and with the Chagyik Konyak of the Naga hills in Assam, items of culture, of course, which may just as well have passed from west to east as vice versa, or which may merely have been drawn by various tribes from a common source. The practices of erecting a dolmen as a seat for a village elder, for the 'Village Mother' or for the ghost of a dead person to sit on, a circle of stones for the village panchayat and a memorial menhir in the village of ancestral origin, together with a belief in a collective clan soul and what amounts to a form of ancestor-worship recall very strongly the Sawara, Munda and Khasi cultures, while they link up with other similar practices of the megalithic cultures farther east, e.g. in the Naga hills, Mentawi, Farther Asia generally and even the Pacific. The same group of cultures is again suggested by the use of a communal bachelors' hall. of the sago palm and of grass rain-coats, by stilt-walking and by the making of fire by means of a fire-saw instead of a drill.

particular fire-saw used by Mr. Grigson's Marias would seem to be much nearer the original implement than the saw-thong form used in Assam or (e.g.) Borneo, for the Maria fire-saw needs three men to manipulate it, while one Naga or Kayan can make fire with a thong worked by his two hands under a hearth held in place by one foot, the Mikir and Nicobarese types, usually worked by two men, forming links between the Maria and the Naga types. On the other hand. Maria ceremonial fire must apparently be obtained from an existing household fire; the Naga tribes, on the contrary, must employ thong-ignited need-fire, while their neighbours the Kuki tribes, who seldom use such an apparatus, may obtain it from flint and steel, but not from matches. One is tempted to infer a reminiscence of a time when the making of fire was unknown in the Abujhmar hills, as in the Andaman islands, and the importation of a primitive form of the fire-saw which has developed elsewhere into a simpler and more useful apparatus. In contrast to the fire-saw the Maria blacksmith's bellows have South Indian and African rather than Indonesian alfinities, while the bamboo ideochord is not played by the Maria, as by the Thado or the Kayan, by plucking the raised bark 'strings' but by tapping them, making the instrument in their hands rather a xylophone than a guitar.

Reference has already been made to the megalithic culture of the Maria, now apparently rapidly decaying. Here again, much is suggestive of various Assam and Indonesian cultures. Menhirs are transported as by Lhota Nagas and erected as by the Angami, while stone cists are put up by the village path. Seed is fertilized with blood, suggesting not only the Khond meriah sacrifice, but also the general theory underlying the head-hunting practices of Naga, Wa, Kayan, Igorot or Taigal from Assam to Formosa. A water-dwelling snake-demon like that of the Maria pervades Thado superstition: shooting stars are 'star dung' alike to the Sema Naga and the Maria; like the Maria, the Ao Naga dances with bells on his buttocks. That incest and other breaches of taboo are visited on the offenders or their kin by man-eating tigers is a typical Naga belief, and the inheritance of his father's house by the youngest son a common Naga practice, though Mr. Grigson's account of it among his Gonds suggests that the reason is to be found in the small value of the building and site, which would certainly not hold good for The capture of fish by beating noxious or intoxicating the Angami. plant juices into the river, like the use of beetle grubs for food, is a very widespread practice indeed, but there is something particularly suggestive of Tibeto-Burmese affinities in the termination of so many Maria clan names in -mi, which in Naga or Kuki languages means men. Indeed, several of these Maria clan names, e.g.

Wachami, are so like those of Naga clans as to tempt one to infer a connexion from a similarity or even identity which is probably merely fortuitous.

More than enough has probably been said to indicate to the reader the interest and importance of the work that follows. It is only to be regretted that no written word, even of Mr. Grigson himself nor yet even his admirable illustrations, can convey the peculiar attraction the Maria has for the stranger that enters into his gates, an attraction sensible at once even to a casual visitor among them, such as I have been, and obviously felt very strongly by the author of the monograph that follows. Let him now speak for himself.

J. H. Hutton

Cambridge

October 11th, 1936

PREFACE

THE Administration of Bastar State has generously subsidized the publication of this book, and for this practical sympathy I must thank Colonel Meek, the Agent to the Governor-General for the Eastern States, and Mr. E. S. Hyde, I.C.S., Administrator of Bastar State. I hope that it will not be the last book to be written about the Marias. More systematic field-work will without doubt correct and supplement many of my statements; I shall be content if my book tempts any trained worker to visit the ethnologically unexplored lands of Bastar and Jeypore.

My four years as Administrator of Bastar State kept me busy in camp and office with administrative problems of all kinds. primary object of my enquiries was to ascertain grievances, especially those caused by the adoption in a primitive State of criminal, civil and revenue laws framed for British Indian districts some centuries more 'advanced'. In getting the aboriginal to show me his house and his possessions, in watching his domestic and agricultural routine, and in attending his simple social and religious ceremonies I found the readiest path to his confidence and to appreciation of his real feelings about the administration. Question begat counterquestion, and attempts to explain the domestic life of the English to Marias were interesting and amusing. If because I was primarily an administrator I have sometimes dwelt at length on administrative problems, I do not repent: for, despite such views as those advanced by Mr. N. M. Joshi and Mr. M. S. Aney in the Indian Legislative Assembly debate of February 18th, 1936, on the areas to be wholly or partially excluded under the recent Government of India Act, when they heartily damned all anthropologists as wishing to keep the primitive races of India 'uncivilized' and 'in a state of barbarism' as raw material for their science and 'in order to add to their blessed stock of scientific knowledge ', anthropology has a very practical value to all charged with the administration of other races if it can discover the thoughts and need of those races. The results of the divorce of administration from anthropology as seen in the system of land revenue, police and judicial administration applied to the Maria tracts of Bastar have been as strikingly revealed on a larger scale by the post-1919 attempts in Bombay and the Central Provinces to force prohibition upon the Bhil, the Gond and the Korku,

Few now are the regions of India where the white man is unknown, and fewer still those in which the Hindu has not yet settled. The Hill Maria and part of the Bison-horn Maria country are such regions; and often in our stay in Bastar my wife and I were able to recapture something of the surprise and variety of experience that our pioneer ancestors knew so much more than their descendants of these humdrum and standardized days. This alone would justify some record of what we saw.

For encouragement to attempt such a record I must first thank His Excellency Sir Montagu Butler, K.C.S.I., C.B., C.I.E., C.V.O., C.B.E., now Lieutenant-Governor of the Isle of Man, for nine years Governor of the Central Provinces and in political charge of the Central Provinces States, to whom I owed my appointment as Administrator of Bastar, and who was the wisest and most helpful of chiefs and the best and most stimulating of friends. Mr. R. A. Wilson, who was then Chief Secretary to the Government of the Central Provinces, wrote to me suggesting a study of the Marias even before I went to Bastar. I am very grateful also for the advice and encouragement of three friends: Dr. J. H. Hutton, C.I.E., I.C.S., the last Census Commissioner for India, who has put me further in his debt by reading through my manuscript and contributing so interesting an Introduction: Baron Egon von Eickstedt, Professor of Ethnology at Breslau University, who visited Bastar while I was there and has kindly allowed me to reproduce some of his excellent photographs: and the Right Reverend Alex Wood, D.D., O.B.E., Lord Bishop of Nagpur, the doyen of Gondi scholars and sanest of critics. My interest in the Gond, first aroused by contact with him in the Nagpur, Seoni and Hoshangabad districts, was stimulated by early talks with Mr. C. G. Chenevix Trench, C.I.E., then serving in the Central Provinces Commission, the author of a fascinating Gondi grammar and of certain contributions to Blackwood which vividly portray the Indian aboriginal, and by that mine of ethnological material, Russell and Hiralal's Tribes and Castes of the Central Provinces. I have in the succeeding pages often disagreed with their statements on Marias in their article 'Gond'; but theirs was a pioneer work, being largely a compilation of statements gleaned from a mass of papers contributed by officials, pleaders and others, supplemented by the personal enquiries of the authors and their wide knowledge of almost all that had been previously written on their subjects. Mistakes and mis-statements were thus inevitable; but their great book is remarkable for its general reliability, its sustained interest and its power of stimulating further investigation.

I must state how I made my enquiries. Throughout my time in Bastar I kept notes and took photographs of what I heard or saw. Between 1927 and 1931 I made four long tours among the Hill

Marias, and paid several shorter visits to the fringes of their hills; since 1931 I have three times revisited Bastar, seeing some Marias each time, and spending March 1934 in revisiting the Abujhmar hills villages seen in my 1929-31 tours, and the Bison-horn Maria villages above and below the Aranpur pass. I had similarly often toured before across the Bison-horn Maria country, and made many friends among the villages around the Bailadila hills, which, in return for a reduced assessment of land revenue, had the duty of sending relays of men up to the hills during the summer recess there of the Ruling Chief and leading State officials.

Notes and Queries on Anthropology, published by the Royal Anthropological Institute, was of constant value, even though, as explained in Chapter XIII, the poor memories of the Marias prevented me from getting the results expected from the geneo-My work made it impossible for me to be in Maria logical method. villages at all seasons and to see all Maria ceremonies, and therefore I supplemented my enquiries by getting detailed reports from selected State officials whom I tried to train roughly for this by taking them with me during my personal enquiries on tour. I have almost always checked their reports by personal investigation; and in the few cases where I could not so check them. I have repeated nothing reported by them unless it was confirmed by the independent reports of two or more other reliable observers. These enquiries did impose much extra work on them, but gave them a much-needed knowledge of the aboriginal and did much to raise the morale and co-operation of the enquirers and to raise the standard of the administration. I could not have had a happier and friendlier family of colleagues than those of all ranks who served under me my last two years in the State. All were helpful, but especially Pandit Ghasiram Dane, then a subdivisional officer, the late Mr. H. N. Dutt, then tahsildar of Dantewara, since a victim of blackwater fever, Mr. Niranjan Singh, then tahsildar of Bijapur and manager of Kutru, now Assistant Administrator, Mr. Sant Prasad, formerly tahsildar of Konta, Circle Inspector Manbahal Singh of the State Police, and Mr. Dikshitulu of the State Medical Service. who did remarkable anti-vaws work in the Abujhmar hills in my second tour and in later independent tours.

Language was always a difficulty. Halbi is the *lingua franca* of Bastar. The differences between Maria dialects are great, and the very guttural hill dialect is so unintelligible to the Bison-horn Marias that at their rare meetings they communicate with Hill Marias through those of them who understand Halbi. And there are many variations of both the Hill and the Bison-horn Maria dialects. Of Halbi, everyone serving in Bastar must acquire some

understanding. Of Gondi as spoken in the plateaux of the Centra Provinces I had a smattering, but the Maria dialects were as different from it as Spanish and Portuguese from Italian, and the Hill Maria gutturals are beyond the compass of an English voice Yet one cannot but acquire a considerable vocabulary and power o following the gist of a speech from constant hearing of witnesses ir court and association with tribesmen in village and camp; and thus, though never able to dispense with an interpreter, I could check his interpretation of replies, and see that he put my questions in my own way, and not in a leading form. Nothing needs more care than the training of interpreters. I am especially grateful for the help, as interpreter and as enquirer, of the late Circle Inspector Chaitan Singh, of the State Police, a Bastar Rajput with all the traditional virtues of the Rajput. Descended from an ancestor who had once narrowly escaped being sacrificed as a Meriah victim in Jeypore (Orissa), he was passionately interested in the aboriginal knew all the '36' languages of Bastar, was a mine of information about Bastar customs, religions, songs, dances and games, and was because he never did an injustice but was simple and reliable in all his ways, loved by the wild tribes of Bastar. His sense of humour. broad like that of the tribesmen, of whom at heart he was one, would overcome disappointment or the short temper bred of heat and exhaustion in gales of laughter; nor was it a respecter of persons, for his tales would chide the follies alike of raja or ryot, political agent or diwan. His sudden death soon after I left Bastar meant the loss of a dear friend, and of an Indian of a type more fitted to a past age but unlikely to be bettered in any succeeding generation. They say that in the forests around Kondagaon, where he shot so many man-eating tigers and organized so many successful tiger beats, the Murias already revere him as Chaitan Deo, a god of good hunting without whose favour no beat will yield game. Nothing could have appealed more to his sense of humour. Wherever he may be, may he have boon companions to laugh at his rhymes and tales, to drink from his silver glass, to take betel from his silver box, and to handle the hunting-knife and the silvermounted cane given him by successive Governors, and may he live long in the folk memories of Bastar!

For other help I must thank Mr. K. L. B. Hamilton, C.I.E., I.C.S., Political Agent for the Central Provinces States when I went to Bastar, who has also kindly allowed me to reproduce some of his Bastar photographs; Mr. D. R. Rutnam, I.C.S., my successor as Administrator, who was my host in Bastar twice in 1932 and greatly facilitated my 1934 tour in various ways; Dr. W. P. S. Mitchell, M.B.E., for more than twenty years Chief Medical Officer

of the State, the best of companions in Jagdalpur and in camp, and contributor of an interesting account of a Maria fishing beat; Khan Sahib S. R. Daver, Chief Forest Officer, for much information. help in arranging tours, identification of flora and constant interest; Mr. D. J. Plumley, State Engineer, and his most hospitable wife for much help and kindness, especially in my 1934 tour, and for much information gathered in their long experience of Bastar: Mr. Ramesh Chandra Rov. Joint Editor with his distinguished father Rai Bahadur Sarat Chandra Roy, M.L.C., of Man in India, who at his father's request kindly went with me in my 1934 tour and took the anthropometric measurements on which he based the useful Appendix V. I have also had much help from Mr. K. B. L. Shrivastava and Mr. B. P. Dube, my Bastar stenographer and reader respectively; from Mr. Sampat Singh, interpreter in 1932 and again in 1934, and from Mr. Kosre, my Nagpur stenographer, who kindly devoted a month's leave to helping Mr. R. C. Roy and me in March 1934. My mother-in-law, Mrs. Boyes, kindly drew for me the panther trap reproduced on page 157.

I owe thanks and apologies to many Maria friends and acquaintances, who have endured my probing curiosity and helped me to secure victims for measurement and photography, especially Kama Peda of Dugeli, for constant help at Bailadila; Kalmu Boda of Pharaspal, pargana headman of Barsur, to whose steadiness some of us present in the tiger-beat described in Chapter VIII, Part B, may well owe our lives; and to Usendi Moda of Orcha, whose reprieve by Sir Benjamin Robertson from sentence of death and subsequent virtual headmanship of Chhota Dongar Mar are excellent arguments against capital punishment; I have had few more moving sights than the tears of pleasure on the smiling faces of him and his clansmen when they welcomed me back to Orcha in 1934 after an absence of four years.

I had hoped to offer this book to that charming lady, the Maharani Prafulla Kumari Devi of Bastar. But her untimely death has just deprived the State of one whom to know was to love. Requiescat!

W. V. GRIGSON

Polperro

September 19th, 1936

Postscript. I have also to thank the Government of the Central Provinces for a recent honorarium, thanks to which this book is more fully illustrated than it would otherwise have been.

Jubbulpore W.V.G.

March 1st, 1937

PART I

Introductory. Bastar State and its Peoples; the Historical Geographic and Ethnographic Setting of the Marias

Appendix I

Administrative Divisions of Bastar State

				Area ^ī (sq. miles)	Population (1931 Census)
TAHSILS:					()3
Jagdalpur				1,996	198,640
Kondagaon			• •	1,880	83,992
Antagarh	• •		• •	2,885	51,703
Dantewar a		• •		1,016	75,872
Konta				1,336	14,206
Bijapur		* *	• •	989	24,135
Zamindaris:				· ·	
Kutru				1,360	14,836
Bhopalpatna	m			720	17,596
Sukma				650	40,171
Kotapalli-Pa	mer	• •		230	1,132
Total	••		• •	13,0621	522,2832

The areas are given according to the figures current before recent surveys. These surveys have only covered portions of the State, and will not be completed till 1944. In May 1934 the Survey of India, computing from the old maps of the Trigonometrical Survey (which I have often found surprisingly inaccurate for the wilder parts of the State) and from the revised figures of recent surveys, calculated the true area to be 13,725 square miles for the whole State. Revised calculations for each tahsil and zamindari are not available.

^{*} The populations of each tahsil and zamindari given above were calculated in the State from preliminary census returns; but separate figures were not isolated by the Central Provinces Census Office. The true population of the State was finally returned as 524,721.

APPENDIX II

Lists of Hill Maria Clans and Bison-horn Maria Clans and Phratries, and Pedigree of the Hill Maria Family holding the Hereditary Headmanship of Chhota Dongar Pargana and Orcha Village

[(d) Signifies that the village was deserted in 1934]

HILL MARIA CLANS

Clan Pargana Villages Clan-god Totem								
Usendi	Chhota Dongar	Orcha Japgunda Hoinar (d) Juwada Dugarli Bagom Thadur Machan Duseli Kejang (d)	Wikir Hunga (kept at Japgunda, but brought to Orcha for festi- vals)	Goat				
	Kutru Mar Kirangal (not Hill Maria but Gotul Mu- ria)	Uragonda (d) Michwada One or two villages	None ?					
	Chanda District	,	7					
Wadder	Chhota Dongar	Dhanora Jori Hikpulla Kodeli Perilmeta Rengabera	Worship the Usendi god Wikir Hunga of Japgunda	None .				
	Bhomra (Muria) Chanda District, and Kutru S. of Indrawati	(d) Kurselhur Kaunde and others, and Madhepar and a few more in Kutru	Use Dokra of Kurselhur Kuwo-Gundo of Kaunde					
Korami	Chhota Dongar	Hirangai Verma	Worship the Usendi god of Japgun- da	None				

Clan	Pargana	Villages	Clan-god	Totem
Dodi	Do.	Jhara Rajpur Idnar	Do.	None
Deda	Chhota Dongar	Kurmer Dedalur	Nule Harma or Eram Mo'itto of Kurmer	None
Parsal	Do.	Chalcheghi	Do.	None
Katlami	Do.	Jhori Hikpulla (shared with Wad- der)	Pandu Hunga of Jhori, elder brother of Wikir Hunga, the Usendi god	None
Jugho, alias Karme (plural, Jughalor)	Chhota Dongar Bhairamgarh Mar	Adeq Karanmeta (d) Akmeta (d) Maspur (d) Neianar Makawada Gomagal Hasnar Rainar Gapa (d) Ituinar	Worships the Usendi god Wikir Hunga of Japgunda Say would worship Wikir Hunga if still in Chhota Dongar pargana, but no need as now in Kutru zamindari	None; the name Karme said to mean 'sunset', the ancestor of clan having been born then
Dhurwa (almost a branch of Jughalor)	Chhota Dongar	Share Gomagal and Hasnar with Jughalor	Worship the Usendi god Wikir Hunga of Japgunda but have also his sister Oghal Muttai as their own god	None; clan says it is elder brother of Jughalor

Clan	Pargana	Villages	Clan-god	Totem
Dol ('younger brothers' of Jughalor)	Do.	Kohkapaghai	Worship Usendi god Wikir Hunga	Called Dol because members started making dol drums
Matami	Do.	Teknar	Do.	None
Dugher	Do.	Maramnar	Do.	None
Potawi	Do.	Almost ex- tinct; one house in Orcha	Do.	None
Poyami	Do.	Kundali (one house)	Do.	None
Gecha	Do. Mangnar	Udala Tonda- wada Wetekal (d)	Do.	None. Name means 'sluggard' clan
Neghal	Chhota Dongar	Bhera Tonda- wada	Do.	Panther
Ahkal	Do.	Gudadi	Do.	None
Ete ³	Do.	Kondakoti	Nule Harma	? Crab
Boka	Do.	Dondrewada Bokalur	of Kurmer	None .
Kohia	Chhota Dongar	Mandali Kushnar Batwada Kostari Gumter Hoinger Devanar Kerinar Irpenar	Mu'ima Koh- la Pen of Batwada	?
Padāl	Padalibhum	All the par- gana	Gumtuli Muttai, of Adnar	None
Kumoti	Chhota Dongar	Almost ex- tinct; 2 houses in Hasnar, 1 in Rainar	None	None
Jäti	Jätwara	Most of the pargana	3	?

¹ Etc is probably the same as Yete, a Kutru Mar clan.

Clan	Pargana	Villages	Clan-god	Totem
Boter	Kutru Mar	Boter	None	None
Wachaπú	Kutru Mar and Ahiri (mostly Indrawati valley)	Kumharmeta Markanar Irkapal Karkelli Bodeli and some Ahiri villages	Wachami Moitto Pen of Kum- harmeta	?
Mohanda	Kutru Mar	Lakka Hingmeta Bhuri Puslakka	A god at Lakka	7
Oyāmi	Bhairamgarb Mar	Komu Kalhaza Malahanar (d)	None	None
Mohke	Do. Chhota Dongar	2 houses in Kalhaza Albera (d)	None	None
Yete	Bhairamgarh Mar	Hoinar	None	Crab
Pungati	Do.	2 houses in Ader (Kutru)	None	?
Bardāl	Bardal Tapalibhum	Whole par- gana Ranimarka	Hurra Mu'iya of Kornār	None
Farsāl	Farsāl Bhairamgarh	Whole pargana (13 inhabited villages) Bheriabhum	Kodo Mo'itto of Dhur- wada None	None
Gotal	Hukkagotal	Whole par- gana (9 inhabited	Pähanleya Muttari of Toinar in	None
	Tulagotal	villages) Whole par- gana (9 inhabited villages)	Tulagotal Do.	None
	Farsigotal	Whole par- gana (5 inhabited villages)	Top Mudya of Mohandi, said to be younger brother of Pahanley's husband	None

Cla n	Pargana	Villages	Clan-god	Totem
Tapa	Tapālibhūm (Chhote Mar)	Nearly all the villages of the pargana	Riksa Pen of Dodrimar- ka in Tap- alibhum	None
Nughoti, alias Nuroti	Nurbhum Jătwara Tapalibhum	All pargana but Turko Kohkameta Markawada Hachekote	3	None .
Hichami	Nurbhum	Turko	The Nughoti god	?
Parllo	Kutru Mar	Dodmarka Karangul Nugur Ader (Kutru) Padmeta	Koruk Pen of Karan- gal and Nugur	Goat
Jātā	Kutru Mar Chhote Dongar	Jātalur Akdum (d)	None	}
Kohka	Bhairamgarh Mar	Kakowada, or Kakawoki	None	Kohka-marra the mark- ing-nut tree
Ark	Do.	Korowaya ; sold Itulnar to Jughalor	None	None .
Jäte (plural, Jäterom)	Manguar	Mornar	Pat Raja	The Jate grass used for making brooms to sweep the god's shrine
Tokalor	Manguar	Erpanar	Do.	The toka or flap of loin- cloth left to hang be- hind like a tail
Hukur	Mangnar	Erpanar	Do.	The huk or basketry ladle used to stir rice cooked at the god's shrine

Clan	Pargana	Villages	Clan-god	Totem
Marvi	Mangnar	Tökhtöli Kuwer Modangwada Moghori	Mara-magh, Pat Raja's sister's son or baranjal. They get leave from Pat Raja to hold his nephew's festivals	7
Тато	Dantewara Mar	Tumirgunda Padmeta	Hurra Gunda Moitto of Tumir- gunda	None
Atami ^t	Barsur	Chhota Karka Palawaya	Do.	?
Lekami ¹	Barsur	Batawada Ghotpal	Use Modia of Ghotpal	?

There were one or two Lekami houses in the Hill Maria villages of Handawada and Dunga.

Gume	Dantewara or Barsur Mar Bhairamgarh	Toinar Handawada Hikul Thakawada Paralnar Prinkapal Kodokal Hitawada Kunjewada Goti Dunga Pariakot	Verma Mo'itto Pen of Toinar. The waddai is Jātē by clan None	None
Alami	Mangnar	Nendur Gatia	Attend fes- tivals of Pat Raja, god of Jät- erom at Mornar	Chameleon (alām)
Nonde	Mangnar	Rotad	Do.	Rope

¹ Now, in culture, Bison-horn clans; but the Lekami intermarries with the Gume clan, and the Atami still worships the Hill Maria pen of the Tamo clan.

BISON-HORN MARIA PHRATRIES AND CLANS

	Phratry	Totem	Clans	Totem
ī.	Mārvi	Goat (Dantewara Jagdalpur) Cobra (Sukma and Konta)	Bārse Biryā Mārvi Chudalā Mārvi Dodi Hēmlā Kuppē Oyāmī Pēdāmi Tamo	Tortoise
2.	Kuhrāmī or Kadiārī	Cuckoo (kadiāri)	Budādī Gaddī Kartāmī Kuhrāmī (or Karāmī) Kunjāmī Lēkāmī Poriāmī Rawa Veko Wetti	Hornbill (karof) Do. Screech-owl (kunje-pitte) Buffalo
* 3.	Södi or Ödi	Tiger	Biryā Södī Chudalā Södī Oikā	Buffalo Do.
4.	Markāmi	Tortoise	Atāmī (or Atrāmī) Bālē Bötē Bhōyāmī Bhōyāmī Chudalā Markāmī Chudalā Markāmī Dudhi Dumo Durro Gonche Kalmu Karte (or Kandte) Kikder Miriyāmī Nendi Nupo Poyamī Tātī (or Tāmtī) Tētāmī Tikder Undāmī	Atra, the flower of the phulbehari grass Goat Buffalo

^{*} The tiger was the original totem, and the clan is still spoken of as the tiger-race; but the tigers have broken the legendary rule that no tiger will attack a SodI, and the SodIs retaliate by joining in tiger-beats and adopting the buffalo as their totem instead of the tiger.

BISON-HORN MARIA PHRATRIES AND CLANS

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	Phratry	Totem	Clans	Totem
1.	Mārvī	Goat (Dantewara Jagdalpur) Cobra (Sukma and Konta)	Bārse Biryā Mārvī Chudalā Mārvī Dōdī Hēmlā Kuppē Oyāmī Pēdāmī Tamo	Tortoise
2.	Kuhrāmī or Kadiārī	Cuckoo (kadiārī)	Budādī Gaddī Kartāmī Kuhrāmī (or Karāmī) Kunjāmī Lēkāmī Poriāmī Rawa Veko	Hornbill (kared) Do. Screech-owl (kunje-pitte) Buffalo
13.	Södi or Ödi	Tiger	Biryā Södī Chudalā Södī Oikā	Buffalo Do.
4.	Markāmī	Tortoise	Atāmi (or Atrāmī) Bālē Bōtē Bhōyāmi Biryā Markāmī Chudalā Markāmī Dudhi Dumo Durro Gonche Kalmu Karte (or Kandte) Kikder Miriyāmi Nendi Nupo Poyāmi Tāti (or Tāmtī) Tēlāmī Tikder	Aira, the flower of the phulbehari grass Goat Buffalo

The tiger was the original totem, and the clan is still spoken of as the tiger-race; but the tigers have broken the legendary rule that no tiger will attack a Sodi, and the Sodis retaliate by joining in tiger-beats and adopting the buffalo as their totem instead of the tiger.

APPENDIXES

307

Phratry	Totem	Clans	Totem
5. Kawāsī or Wanjāmi	Tortoise	Bertā Dirdōd Kawāsī Muchākī Murāmī Padāmī Urve Wanjāmī	

The following six clan names have not been attributed to their phratries: Gonde, Kiske, Korsa, Punem, Rega, Savalam.

APPENDIX III

HILL MARIA TERMS OF RELATIONSHIP

(These are terms of reference; but see p. 244)

Father	lăppe	Son	māghī
		Daughter	miārī
Mother	talugh, awā	Son	māghī
a		Daughter	miārī
Stepfather	kākā)	Stepson	maghi
Stepmother	kuchī į	(Stepdaughter	miäri
Elder brother (m.s.)	dādā	Younger brother	
		(m.s.)	tamŏ
Elder brother (w.s.)	dādā	Younger sister	
		(m.s.)	hellāş
Elder sister (m.s.)	ākkā (ākālī)	Younger brother	
		(w.s.) {	tamŏ
Elder sister (w.s.)	äkkä	Younger sister {	VW1710
		(w.s.)	
Father's elder brother	pepī	Younger brother's	
Father's elder		child (m.s.)	māghī (m)
brother's wife	perī	Elder brother's	
Father's younger	•	child (m.s.)	miārī (f)
brother	kākā	Husband's broth-	• ,
Father's younger		er's child	
brother's wife	kuchî		
Father's elder	,, •	Father's younger	
brother's son	dādā	brother's son	tamõ
Father's elder		Father's younger	
brother's daugh-	•	brother's	
ter	āngē	daughter	hellā <u>r</u>
Father's sister (elder	6"	Brother's son (w.s.)	
or younger)	ālŏ	21001101 5 002 (,
Father's sister's	W-V	Wife's brother's	
husband	bachā	son	māmā
Father's sister's	marriyő (m)	Mother's brother's	
child	mandārī (f)	child	mandārī (f)
Mother's brother	māmā	Sister's child (m.s.)	
Modici a produci	///Ce///Ce	Sister's Child (M.s.)	bachī (f)
Mother's brother's	-	Husband's sister's	hanemaghī (m)
wife	ātŏ	. child	hanemiārī (1)
Mother's brother's	marriyő (m)	Father's sister's	marriyo (m)
child	mandārī (f)	child	mandārī (f)
Mother's elder sister	perī	Younger or elder	• • • • • • • • • • • • • • • • • • • •
Mother's younger	pol	sister's child	māghi (m)
sister	kuchī	(w.s.)	miārī (f)
Mother's sister's	N MCH F	(w.s.)	
husband	kākā		
Father's father	tādŏ	Sania ann (m.s.)	tamě
rather a father.	sauo	Son's son (m.s.)	*C\$114U
		Son's daughter	hellār
Father's mother	bāþī	(m.s.)	nenter.
r wence a mound	vapi	Son's son (w.s.) Son's daughter	wandŏ
		~	WILMOU
		(w.s.)	

Mother's father	ākō	Daughter's son (m.s.) Daughter's daugh-	- ākö
Mother's mother	kākö	ter (m.s.) Daughter's son (w.s.) Daughter's daugh- ter (w.s.)	· wandŏ
Husband	koitor, or mudyal (old man)	Wife	āŗ
Wife's father	māmā	Daughter's hus- band (m.s.)	
Wife's mother	ālð	Daughter's hus- band (w.s.)	ande
Husband's father	māmā	Son's wife (m.s.)	koryārī
Husband's mother	ātő	Son's wife (w.s.)	koryārī
Wife's elder brother	erramiögh	Younger sister's husband (m.s.)	•
Wife's younger		Elder sister's	
brother	errandi	husband (m.s.)	dādā oτ bātō
Wife's elder sister	ako'in	Younger sister's	
· -	· -	husband (w.s.)	bekā
Wife's younger sister	kõhköri	Elder sister's	4
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		husband (w.s.)	dādā
Husband's brother	dādā	Brother's wife	
		(m.s.)	korvārī
Husband's elder		Elder brother's wife	
sister	ākkā	(w.s.)	ange
Husband's younger		Younger brother's	
sister	köhköri	wife (w.s.)	koryārī
Wife's elder sister's hu	ısband	aglā	•
Wife's younger sister's	s husband	bātō	
Husband's elder broth	er's wife	äkkä	
Husband's younger br	other's wife	hēllār	
Son's wife's father		p'arī	
Son's wife's mother		äkkä	

APPENDIX IV

Names of Men and Women

(a) Hill Marias

Mari	10-0	(,	Morrey (ree
	(215)	Wallet (a)	Women (107) Bandi (4)
Aitū (2)		Köhläi (3)	
Arjāhā		Kōlā (2)	Bîrē (4)
Baghū		Kōpā (2)	Buke (2)
Baiyyā (2)		Kopla	Bûrgî (2)
Bande (3)		Kōriā	Chēro (3)
Banga (3)		Korke	Dāmē
Banjar		Kosā	Dōbē (2)
Baranga		Külē (2)	Dôpi (3)
Bhōsā (5)		Kūmal (5)	Dugho (3)
Bîrã		Kundî	Dūtī (4)
Bital (2)		Kurwē	Ewadő (2)
Boranga (2)		Kutkē (2)	Goghai (4)
Borka		Kuttā (2)	Gudī (2)
Buchā		Lamrī	Hidē `
Bungē		Mādi	Hirē (6)
Bungri		Mahrū	Ippo (4)
Burkā		Mallā (2)	Kāhpē (2)
Bursā		Mārā	Kānē (4)
Dabbā (2)		Māsā (5)	Kiringo
Dallu (2)			Köhlē (4)
		Mēsā (2) Mēsŏ	Kome (4) Kowe (2)
Dangi		-	
Dēlū (3)		Mirsŏ	Kume (2)
Doba		Mōdā (3)	Kundi
Dogā		Mörlel	Māsē (8)
Dôgũ Dōgō		Mukkā (10)	Mēnē (3)
Dūgā (4)		Mulla (2)	Môrī
Erkă (3)		Mulli (2)	Mūrī (4)
Gabā		Mūrā (16)	Mūsrā (2)
Ganga		Murral (3)	Nendo (4)
Ghāsī (2)		Mūsrā	Pākli (3)
Gillē		Narango (2)	Pano (2)
Göndä		Nēndā (3)	Pŏrai
Gudi (2)		Oghā (3)	Pūsē (3)
Gudra (2)		Pāndrū (3)	Rēkö (3)
Gurshā (2)		Pēdū	Sūtrī (2)
Hāghā		Pēndā (4)	Wanje (3)
Harmā (5)		Pola (4)	Wāghāli
Hiriā (2)		Rājū (2)	Wijjē (4)
Hunga (4)		Rāmā (2)	
Irkā (2)		Rēkā .	
Irpā (2)		Sobrai	
Jalla `		Sūkhā ·	
Kāmā (2)		Udsā	
Kandar		U'ilē	
Kandi		Ungal	
Kāpā		Usŏ	
Karět		Ville	
Karpā		Wanjā (3)	
Kēsā		Wārangē	
Kēyē (4)		Wate	
Khuria		Wijjā (6)	
Kohla (6)		**************************************	

Kohla (6)

N.B.—The numbers in brackets indicate the number of persons bearing the name indicated in the total 215 men and 107 women taken into account. No number is given when the name occurs only once.

(b) Bison-horn Marias

Men	(236)	Women (68)
Aitū	Khōjā	Aitū
Arti	Khotlū	Bandē (2)
Bagha	Kohla	
Baihā	Kola (5)	Bangë (4) Bhairë
Bakkā	Konda	
Bandā		Büchē (3)
Bandl (14)	Kopā (3) Kosā (11)	Budhni (2)
Bēlā	Köyê	Bu <u>lli</u>
Bhima (3)	Kummā	Dômē (2)
Boda (3)	Kuttā (2)	Ērē (4)
Böngri	Lakhmů (2)	Galphē
Borte	Lakkā	Gangi (7) Hirmë
BudhI	Lingā	Timms (a)
Bugri	Mallā (2)	Jimmē (3) Kāmē (3)
Burrā	Mangri	Kosi (4)
Chalki	Markā	Māsē (12)
Chamrū	Māsā (15)	Mukke (2)
Chēwā (4)	Mata	Muki (8)
Chūla	Mēdhō	Mutti
Dēwā (9)	Moka (8)	Pili (2)
Dbūrwā (6)	Mundā	Piri (2)
Dögi	Mundra (4)	Sukri
Dögöri	Muttā	Torki
Dôkā (2)	Nadi	
Dôlê (2)	Nandā (4)	
Dômê (2)	Nangā ``	
Dorā (3)	Pandu (3)	
Duggi	Pandrū	
Dulla	Pisōri	
Dūmā.	Pědiā (2)	
Edia	Ponārī	
Ganga (6)	Pota (2)	
Ghasi	Rāmā	
Gōgē (8)	Rāmū	
Guddi	Risāmī	
Gundā	Roda	
Gürdam	Saniāsī	
Harmā _. (10)	Sikkā	
Harrā	Simā	
Hiriā (2)	Singā	
Hirmā (7) Hungā (6)	Sukrā Facā	
Hurra (5)	Sûpā Tênerê	
Indâmokā	Tängrä Tikru	
Indar	Toka	
]ôgā	U'ikā	
Junga	Üsā (2)	
kāmā (3)	VeddI	
Kānā	Vela (5)	
Kannā	Vetale	
Kēsā (2)	Wāngrē	
• •	Wodi	

N.B.—The numbers in brackets indicate the number of persons bearing the name indicated in the total 236 men and 68 women taken into account. No number is given when the name occurs only once.

APPENDIX V

ANTHROPOMETRIC ANALYSIS OF THE HILL AND BISON-HORN MARIAS

By Mr. RAMESH CHANDRA ROY, M.Sc., B.L., Joint Editor, Man in India

I ACCOMPANIED Mr. W. V. Grigson in his March 1934 tour in the Hill and Bison-horn Maria country of the Bastar State, and was able to measure 100 Hill Maria and 50 Bison-horn Maria males; a severe attack of fever unfortunately prevented me from measuring as many Bison-horn as Hill Marias. I measured the Hill Marias in the Abujhmar hills camps at Orcha, Adeq, Itulnar, Hikul and Handawada from these and adjacent Hill villages in the parganas of Chhota Dongar Mar, Kutru Mar, Bhairamgarh Mar, and Barsur (Dantewara) Mar. The Bison-horn Marias were nearly all measured in the camp at Aranpur in Dantewara tahsil, near the head of the pass leading down from the Dantewara plateau to the Dorla country of the Konta tahsil; the men were mostly from Aranpur and Chameli parganas. I append tables summarizing the results of my measurements; space has forbidden the reproduction here of the long tables of individual measurements, which I hope subsequently to publish elsewhere. I have followed R. Martin's anthropometric technique.

Both Hill and Bison-horn Marias are generally of medium stature, though tall and short individuals are not uncommon. The mean heights of those measured were 162.7 cm. Hill, General and 161.7 cm. Bison-horn Maria. They are very description well built, with well-proportioned body and limbs. Their skin colour varies from pale wheat to light black (the actual figures were: out of 100 Hill Marias, q light brown, 60 brown, 16 dark brown and 15 light black; out of 50 Bison-horn Marias, 3 pale wheat, 5 light brown, 26 brown, 9 dark brown and 7 light black). They have a thick growth of hair on the head, but often cut it short or even shave it in front and round the peripheral region of the head, leaving a long crown-tuft. They have very little facial and body hair, and even those who can grow sparse beards and moustaches often have them clean shaved. The hair is black or dark brown, and is wavy or curly.

Their foreheads are retreating, but straight foreheads are not rare; of 100 Hill Maria foreheads 16 were straight, 57 slightly

retreating and 27 retreating. The corresponding figures for 50 Bison-horn foreheads were 4, 35 and 11. The supra-orbital ridges are not generally as well developed as those of some other Pre-Dravidian tribes.

The eye-slits are straight, but oblique eyes occasionally occur. I did not see a single epicanthic fold, or even a tendency to one. The eyes are generally black, often with a reddish hue, but grey and dark brown eyes also occur. The nasal root is slightly or moderately depressed, with a straight nasal bridge, though a concave nasal bridge is not uncommon. The nose is rather broad with fairly broad nostrils.

The lips are as a rule thick, but thin and medium lips are also occasionally found. The lower lip is often slightly or moderately everted, or tends to be everted.

The face is frequently oval and prognathous, and the malars and zygomatic arches are generally well marked. The usual chin is oval, but square chins occur. The mandibular angle is rather broad, and the face in consequence pentagonal, round or square.

The women have generally a round or oval face, concave platyrrhine noses and everted lips. Their nipples are very big and plug-like, resembling those of Negro women.

Analysis of the metric data gives the following results¹:—

Cephalic Index. The classification of the men measured was :-

		H	ill Maria	Bison-horn	Maria
Dolichocephalic	٠.		75	30, OF	60%
Mesocophalic	• •	• •	22	17, or	
Brachycephalic	• •	* •	3	3, OF	6%
				_	
TOTAL	• •		100	50	
				_	

The Hill Maria cephalic index averaged $76 \cdot 16 \pm \cdot 22$, ranging from $67 \cdot 5$ to $83 \cdot 2$, and the Bison-horn Maria $76 \cdot 21 \pm \cdot 27$, ranging from $68 \cdot 8$ to $86 \cdot 0$.

Length-Height Head Index. The classification of the men measured was:—

		H	ill Maria	Bison-ho	rn Maria
Hypsicephalic	* 4	• •	77		OT 72%
Orthocephalic			18		or 28%
Platycephalic	• •	• •	5	Nil	
				_	
TOTAL	• •	* *	100	50	

For classifications, see Haddon, Races of Man, pp. 10-12.

Altitudinal Index averaged $65 \cdot 11 \pm \cdot 24$ for Hill Marias, ranging from $55 \cdot 3$ to $78 \cdot 3$, and $64 \cdot 81 \pm \cdot 31$ for Bison-horn Marias, ranging from $58 \cdot 3$ to $71 \cdot 7$.

Nasal Index. The classification of the men measured was:-

		1	Hill Maria	Bison-horn	Maria
Leptorrhine		 	8	I, OT	2%
Mesorrhine		 ٠.	58	30, ог	60%
Platymhine	4 •	 • •	34	19, or	38%
				_	
Тот	AL	 • •	100	50	
				_	

The Hill Maria nasal index averaged $81 \cdot 51 \pm \cdot 48$, ranging from $61 \cdot 1$ to $97 \cdot 7$, and the Bison-horn Maria $82 \cdot 9 \pm \cdot 65$, ranging from $65 \cdot 4$ to $98 \cdot 0$.

Morphological Facial Index. The classification of the men measured was:—

	I	Iill Maria	Bison-horn	Maria
Hyper-europrosopy	 	11	5, or	10%
Europrosopy	 	28	18, or	36%
Mesoprosopy	 	31	18, or	36%
Leptoprosopy	 	26	8, or	16%
Hyper-leptoprosopy	 ••	4	I, or	2%
			_	
Total	 	100	50	

The Hill Maria morphological facial index averaged $85.63 \pm .33$, ranging from 73.4 to 97.4, and the Bison-horn Maria $84.6 \pm .36$, ranging from 76.1 to 96.7.

How far are the Hill and Bison-horn Marias alike in their physical features?

At first sight one notices that the Bison-horn Comparison of Marias are a little lighter in skin colour than the Hill Hill and Marias. But if we look to the comparative tables Bison-horn (Tables I and II below) of the means with probable errors for the different absolute measurements and indices, we shall not hesitate to say that there is very little difference between the two. No doubt if we calculated the probable errors of the respective mean differences and co-efficients of racial likeness our calculations would reveal dissimilarities in most of their characteristics; but these dissimilarities would not be great enough to show any real difference between Hill and Bison-horn Marias. I have, however, refrained from calculating the respective probable errors of the mean differences and co-efficients of racial likeness, because if I

¹ Martin, Anthropometry, Vol. I.

Table I

STATISTICAL ANALYSIS OF ANTHROPOMETRIC MEASUREMENTS OF 100 ADULT
MALE HILL MARIAS

Head height mm. 119.93 ±.46 6.79 ±.32 5.66 ±.26 Head length mm. 185.39 ±.41 6.11 ±.29 3.30 ±.27 Head breadth	Measurement	Unit	Меап	Prob- able error of mean		Prob- able error of stan- dard devia- tion	Coefficient of variation	Prob- able error of varia- tion
Head height mm. 119.93 ±.46 6.79 ±.32 5.66 ±.28 Head length mm. 185.39 ±.41 6.11 ±.29 3.30 ±.28 Head breadth mm. 138.71 ±.30 4.51 ±.21 3.25 ±.21 Head breadth mm. 101.66 ±.29 4.44 ±.21 4.36 ±.28 Head breadth mm. 132.17 ±.37 5.54 ±.26 4.19 ±.28 Head breadth			Absolut	e Measi	REMENT	s	·	
Head length	Stature	cm.	162 · 70	±'37	5.56	士·27	3.41	±.16
Head breadthmm. 138-71 ± ·30 4 ·51 ± ·21 3 ·25 ± ·12 Least frontal breadth mm. 101 ·66 ± ·29 4 ·44 ± ·21 4 ·36 ± ·2 Bizygomatic breadth mm. 132 ·17 ± ·37 5 ·54 ± ·26 4 ·19 ± ·2 Bi-gonial breadthmm. 88 ·03 ± ·40 5 ·93 ± ·28 6 ·74 ± ·3 Inter-orbital lengthmm. 32 ·23 ± ·17 2 ·58 ± ·12 8 ·00 ± ·3 Bi-orbital lengthmm. 94 ·62 ± ·30 4 ·38 ± ·21 4 ·63 ± ·2 Nasal lengthmm. 48 ·97 ± ·23 3 ·45 ± ·16 7 ·04 ± ·3 Nasal breadthmm. 39 ·68 ± ·17 2 ·46 ± ·12 6 ·20 ± ·3 Nasion-prosthion lengthmm. 16 ·33 ± ·12 1 ·78 ± ·09 10 ·90 ± ·3 Nasion-prosthion lengthmm. 65 ·60 ± ·29 4 ·22 ± ·20 9 ·26 ± ·2 Nasion-gnathion lengthmm. 113 ·22 ± ·43 6 ·30 ± ·30 5 ·56 ± ·2	Head height	mm.	119:93	±-46	6.79	士・32	5.66	±·27
Least frontal breadth mm. 101.66 ±.29 4.44 ±.21 4.36 ±.2 Bizygomatic breadth mm. 132.17 ±.37 5.54 ±.26 4.19 ±.2 Bi-gonial breadthmm. 88.03 ±.40 5.93 ±.28 6.74 ±.3 Inter-orbital lengthmm. 32.23 ±.17 2.58 ±.12 8.00 ±.3 Hi-orbital lengthmm. 94.62 ±.30 4.38 ±.21 4.63 ±.2 Nasal lengthmm. 48.97 ±.23 3.45 ±.16 7.04 ±.3 Nasal breadthmm. 39.68 ±.17 2.46 ±.12 6.20 ±.3 Nasal heightmm. 16.33 ±.12 1.78 ±.09 10.90 ±.3 Nasion-prosthion lengthmm. 65.60 ±.29 4.22 ±.20 9.26 ±.3 Nasion-gnathion lengthmm. 113.22 ±.43 6.30 ±.30 5.56 ±.2	Head longth	mm.	185.39	±.41	6-11	±·29	3.30	± · 18
Bizygomatic breadth mm. 132·17 ±·37 5·54 ±·26 4·19 ±·28 Bi-gonial breadthmm. 88·03 ±·40 5·93 ±·28 6·74 ±·3 Inter-orbital lengthmm. 32·23 ±·17 2·58 ±·12 8·00 ±·3 Bi-orbital lengthmm. 94·62 ±·30 4·38 ±·21 4·63 ±·2 Nasal lengthmm. 48·97 ±·23 3·45 ±·16 7·04 ±·3 Nasal breadthmm. 39·68 ±·17 2·46 ±·12 6·20 ±·3 Nasal heightmm. 16·33 ±·12 1·78 ±·09 10·90 ±·3 Nasion-prosthion lengthmm. 65·60 ±·29 4·22 ±·20 9·26 ±·2 Nasion-gnathion lengthmm. 113·22 ±·43 6·30 ±·30 5·56 ±·2	Head breadth	ınm.	138-71	±・30	4.21	土・21	3-25	±115
Bi-gonial breadth mm. 88.03 ± .40 5.93 ± .28 6.74 ± .3 Inter-orbital length mm. 32.23 ± .17 2.58 ± .12 8.00 ± .3 Bi-orbital length mm. 94.62 ± .30 4.38 ± .21 4.63 ± .3 Nasal length mm. 48.97 ± .23 3.45 ± .16 7.04 ± .3 Nasal breadth mm. 39.68 ± .17 2.46 ± .12 6.20 ± .3 Nasal height mm. 16.33 ± .12 1.78 ± .09 10.90 ± .3 Nasion-prosthion length mm. 65.60 ± .29 4.22 ± .20 9.26 ± .3 Nasion-gnathion length mm. 113.22 ± .43 6.30 ± .30 5.56 ± .3	Least frontal breadth	mm.	101.99	土・29	4*44	± · 21	4.36	±·22
Inter-orbital length mm. 32·23 ±·17 2·58 ±·12 8·00 ±·3 lii-orbital length mm. 94·62 ±·30 4·38 ±·21 4·63 ±·2 Nasal length mm. 48·97 ±·23 3·45 ±·16 7·04 ±·3 Nasal breadth mm. 39·68 ±·17 2·46 ±·12 6·20 ±·3 Nasal height mm. 16·33 ±·12 1·78 ±·09 10·90 ±·3 Nasion-prosthion length mm. 65·60 ±·29 4·22 ±·20 9·26 ±·2 Nasion-gnathion length mm. 113·22 ±·43 6·30 ±·30 5·56 ±·2	Bizygomatic breadth	mm.	132-17	±·37	5.24	±·26	4.19	±·20
Hi-orbital length mm. 94.62 ±.30 4.38 ±.21 4.63 ±.21 Nasal length mm. 48.97 ±.23 3.45 ±.16 7.04 ±.3 1.78 ±.12 6.20 ±.3 1.78 ±.09 10.90 ±.3 1.78 ±.09 10.90 ±.3 1.78 1.78 ±.20 9.26 ±.3 1.30	Bi-gonial breadth	mm.	88·o3	±·40	5.93	±·28	6-74	±·32
Nasal length mm. 48.97 ± ·23 3 ·45 ± ·16 7 ·04 ± ·3 Nasal breadth mm. 39 ·68 ± ·17 2 ·46 ± ·12 6 ·20 ± ·3 Nasal height mm. 16 · 33 ± ·12 1 ·78 ± ·09 10 ·90 ± ·3 Nasion-prosthion length mm. 65 ·60 ± ·29 4 ·22 ± ·20 9 ·26 ± ·2 Nasion-gnathion length mm. 113 ·22 ± ·43 6 ·30 ± ·30 5 ·56 ± ·2	Inter-orbital length	mm.	32-23	±'17	2.58	±·12	8.00	±·32
Nasal breadthmm. 39.68 ±.17 2.46 ±.12 6.20 ±.3 Nasal heightmm. 16.33 ±.12 1.78 ±.09 10.90 ±.3 Nasion-prosthion lengthmm. 65.60 ±.29 4.22 ±.20 9.26 ±.4 Nasion-gnathion lengthmm. 113.22 ±.43 6.30 ±.30 5.56 ±.2	Bi-orbital length	mm.	94.62	±.30	4.38	于-21	4.63	±·22
Nasal height	Nasal length	mm.	48.97	± · 23	3.45	±·16	7.04	±·34
Nasion-prosthion length	Nasal breadth	mm.	39.68	士・17	2.46	±·12	6-20	±·30
length mm. 65.60 ± ·29 4·22 ± ·20 9·26 ± ·20 Nasion-gnathion length mm. 113·22 ± ·43 6·30 ± ·30 5·56 ± ·20	Nasal height	mm.	16.33	±·12	1.78	±.09	10.00	±·53
length mm. 113.22 ±.43 6.30 ±.30 5.56 ±.2	length	mm.	65.60	士·29	4.55	土·20	9·26	±*44
Nasalarcmm. 110.05 ± 40 5.87 ± 28 5.33 ± 2		mm.	113.22	±•43	6.30	±.30	5.56	土-27
	Nasal arc	mm.	110.05	± · 40	5.87	±·28	5.33	土・25
Indices								
Cephalic 76-16 ±-22 3-30 ±-18 4-33 ±-2	Cephalie	-	76.16	土·22	3,30	±.18	4*33	土・21
Altitudinal 65.11 ±.24 3.57 ±.17 5.48 ±.2	Altitudinal	_	65-11	± · 24	3.57	士・17	5.48	±·26
Nasal 81.51 ±.48 7.06 ±.34 8.66 ±.4	Nasal		81.51	±.48	7.06	±.34	8.66	±.41
Facial 85.63 ±.33 4.93 ±.23 5.73 ±.2	Facial		85.63	±·33	4193	±·23	5.73	± · 27

TABLE II

STATISTICAL ANALYSIS OF ANTHROPOMETRIC MEASUREMENTS OF 50 ADULT
MALE BISON-HORN MARIAS

Measurement Unit Mean Probable Standard deviation Stature		 			1		1		
Stature cm. 161·70 ±·47 4·90 ±·33 3·05 ±·21 Head height mm. 117·14 ±·47 4·90 ±·33 4·18 ±·28 Head length mm. 181·38 ±·52 5·50 ±·37 3·03 ±·20 Head breadth mm. 138·46 ±·53 5·53 ±·37 3·99 ±·27 Least frontal breadth mm. 100·16 ±·36 3·77 ±·25 3·74 ±·25 Bizygomatic breadth mm. 130·68 ±·49 5·10 ±·34 3·90 ±·26 Bi-gonial breadth mm. 86·50 ±·43 4·54 ±·31 5·25 ±·35 Inter-orbital length mm. 30·44 ±·30 3·18 ±·21 10·45 ±·72 Bi-orbital length mm. 92·82 ±·34 3·60 ±·24 3·42 ±·23 Nasal breadth mm. 49·04 ±·31 3·24 ±·22 6·61 ±·45 Nasal height mm. 15·86 ±·17 <	Measuremer	ıt.	Unit	Меап	able error of	dard devia-	able error o stan- dard devia-	fcient o	f error
Head height mm. 117·14 ±·47 4·90 ±·33 4·18 ±·28 Head length mm. 181·38 ±·52 5·50 ±·37 3·03 ±·20 Head breadth mm. 138·46 ±·53 5·53 ±·37 3·99 ±·27 Least frontal breadth mm. 100·16 ±·36 3·77 ±·25 3·74 ±·25 Bizygomatic breadth mm. 130·68 ±·49 5·10 ±·34 3·90 ±·26 Bi-gonial breadth mm. 86·50 ±·43 4·54 ±·31 5·25 ±·35 Inter-orbital length mm. 30·44 ±·30 3·18 ±·21 10·45 ±·72 Bi-orbital length mm. 92·82 ±·34 3·60 ±·24 3·42 ±·23 Nasal length mm. 49·04 ±·31 3·24 ±·22 6·61 ±·45 Nasal breadth mm. 39·84 ±·25 2·57 ±·17 6·45 ±·44 Nasal height mm. 15·86 ±·17 1·74 ±·12 1·10 ±·07 Nasion-prosthion length mm. 63·84 ±·37 3·87 ±·26 6·06 ±·41 Nasal arc mm. 100·40 ±·46 4·81 ±·32 4·38 ±·30 Nasal arc mm. 100·92 ±·45 4·66 ±·31 4·32 ±·29 INDICES Cephalic — 76·21 ±·27 2·81 ±·59 1·56 ±·11			A	BSOLUTE	Measur	EMENTS			
Head length	Stature	• •	cm.	161.70	± · 47	4.90	±.33	3.05	土·2I
Head breadthmm. 138·46 ±·53 5·53 ±·37 3·99 ±·27 Least frontal breadth mm. 100·16 ±·36 3·77 ±·25 3·74 ±·25 Bizygomatic breadth mm. 130·68 ±·49 5·10 ±·34 3·90 ±·26 Bi-gonial breadthmm. 86·50 ±·43 4·54 ±·31 5·25 ±·35 Inter-orbital lengthmm. 30·44 ±·30 3·18 ±·21 10·45 ±·72 Bi-orbital lengthmm. 92·82 ±·34 3·60 ±·24 3·42 ±·23 Nasal lengthmm. 49·04 ±·31 3·24 ±·22 6·61 ±·45 Nasal breadthmm. 39·84 ±·25 2·57 ±·17 6·45 ±·44 Nasal heightmm. 15·86 ±·17 1·74 ±·12 1·10 ±·07 Nasion-prosthion lengthmm. 63·84 ±·37 3·87 ±·26 6·06 ±·41 Nasion-gnathion lengthmm. 110·40 ±·46 4·81 ±·32 4·38 ±·30 Nasal arcmm. 107·92 ±·45 4·66 ±·31 4·32 ±·29 INDICES Cephalic— 76·21 ±·27 2·81 ±·59 1·56 ±·11	Head height		mm.	117.14	±'47	4.90	±·33	4-18	±·28
Least frontal breadth mm. 100·16 ±·36 3·77 ±·25 3·74 ±·25 Bizygomatic breadth mm. 130·68 ±·49 5·10 ±·34 3·90 ±·26 Bi-gonial breadthmm. 86·50 ±·43 4·54 ±·31 5·25 ±·35 Inter-orbital lengthmm. 30·44 ±·30 3·18 ±·21 10·45 ±·72 Bi-orbital lengthmm. 92·82 ±·34 3·60 ±·24 3·42 ±·23 Nasal lengthmm. 49·04 ±·31 3·24 ±·22 6·61 ±·45 Nasal breadthmm. 39·84 ±·25 2·57 ±·17 6·45 ±·44 Nasal heightmm. 15·86 ±·17 1·74 ±·12 1·10 ±·07 Nasion-prosthion lengthmm. 63·84 ±·37 3·87 ±·26 6·06 ±·41 Nasion-gnathion lengthmm. 110·40 ±·46 4·81 ±·32 4·38 ±·30 Nasal arcmm. 107·92 ±·45 4·66 ±·31 4·32 ±·29 INDICES Cephalic— 76·21 ±·27 2·81 ±·59 1·56 ±·11	Head length		mm.	181.38	±.52	5.20	±·37	3.03	±·20
Bizygomatic breadth mm. 130·68 ±·49 5·10 ±·34 3·90 ±·26 Bi-gonial breadthmm. 86·50 ±·43 4·54 ±·31 5·25 ±·35 Inter-orbital lengthmm. 30·44 ±·30 3·18 ±·21 10·45 ±·72 Bi-orbital lengthmm. 92·82 ±·34 3·60 ±·24 3·42 ±·23 Nasal lengthmm. 49·04 ±·31 3·24 ±·22 6·61 ±·45 Nasal breadthmm. 39·84 ±·25 2·57 ±·17 6·45 ±·44 Nasal heightmm. 15·86 ±·17 1·74 ±·12 1·10 ±·07 Nasion-prosthion lengthmm. 63·84 ±·37 3·87 ±·26 6·06 ±·41 Nasion-gnathion lengthmm. 110·40 ±·46 4·81 ±·32 4·38 ±·30 Nasal arcmm. 107·92 ±·45 4·66 ±·31 4·32 ±·29 INDICES Cephalic— 76·21 ±·27 2·81 ±·59 1·56 ±·11	Head breadth	• •	mm.	138.46	±.53	5.23	±·37	3.99	±·27
Bi-gonial breadth mm. 86·50 ±·43 4·54 ±·31 5·25 ±·35 Inter-orbital length mm. 30·44 ±·30 3·18· ±·21 10·45 ±·72 Bi-orbital length mm. 92·82 ±·34 3·60 ±·24 3·42 ±·23 Nasal length mm. 49·04 ±·31 3·24 ±·22 6·61 ±·45 Nasal breadth mm. 39·84 ±·25 2·57 ±·17 6·45. ±·44 Nasal height mm. 15·86 ±·17 1·74 ±·12 1·10 ±·07 Nasion-prosthion length mm. 63·84 ±·37 3·87 ±·26 6·06 ±·41 Nasion-gnathion length mm. 110·40 ±·46 4·81 ±·32 4·38 ±·30 Nasal arc mm. 107·92 ±·45 4·66 ±·31 4·32 ±·29 INDICES Cephalic — 76·21 ±·27 2·81 ±·59 1·56 ±·11	Least frontal bre	adth	mm.	100.16	±·36	3.77	±·25	3.74	土・25
Inter-orbital length mm. 30·44 ±·30 3·18 ±·21 10·45 ±·72 Bi-orbital length mm. 92·82 ±·34 3·60 ±·24 3·42 ±·23 Nasal length mm. 49·04 ±·31 3·24 ±·22 6·61 ±·45 Nasal breadth mm. 39·84 ±·25 2·57 ±·17 6·45 ±·44 Nasal height mm. 15·86 ±·17 1·74 ±·12 1·10 ±·07 Nasion-prosthion length mm. 63·84 ±·37 3·87 ±·26 6·06 ±·41 Nasion-gnathion length mm. 110·40 ±·46 4·81 ±·32 4·38 ±·30 Nasal arc mm. 107·92 ±·45 4·66 ±·31 4·32 ±·29 INDICES Cephalic — 76·21 ±·27 2·81 ±·59 1·56 ±·11	Bizygomatic bre	adth	mm.	130.68	±·49	5.10	±•34	3.90	土・26
Bi-orbital length mm. 92·82 ±·34 3·60 ±·24 3·42 ±·23 Nasal length mm. 49·04 ±·31 3·24 ±·22 6·61 ±·45 Nasal breadth mm. 39·84 ±·25 2·57 ±·17 6·45 ±·44 Nasal height mm. 15·86 ±·17 1·74 ±·12 1·10 ±·07 Nasion-prosthion length mm. 63·84 ±·37 3·87 ±·26 6·06 ±·41 Nasion-gnathion length mm. 110·40 ±·46 4·81 ±·32 4·38 ±·30 Nasal arc mm. 107·92 ±·45 4·66 ±·31 4·32 ±·29 INDICES Cephalic — 76·21 ±·27 2·81 ±·59 1·56 ±·11	Bi-gonial breadt	h	mm.	86.50	±'43	4.54	±.31	5.25	士·35
Nasal length mm. 49.04 ±.31 3.24 ±.22 6.61 ±.45 Nasal breadth mm. 39.84 ±.25 2.57 ±.17 6.45 . ±.44 Nasal height	Inter-orbital leng	gth	mm.	30.44	±.30	3.18.	±·21	10.45	士·72
Nasal breadthmm. 39.84 ±.25 2.57 ±.17 6.45 ±.44 Nasal heightmm. 15.86 ±.17 1.74 ±.12 1.10 ±.07 Nasion-prosthion lengthmm. 63.84 ±.37 3.87 ±.26 6.06 ±.41 Nasion-gnathion lengthmm. 110.40 ±.46 4.81 ±.32 4.38 ±.30 Nasal arcmm. 107.92 ±.45 4.66 ±.31 4.32 ±.29 INDICES Cephalic— 76.21 ±.27 2.81 ±.59 1.56 ±.11	Bi-orbital length	-	mm.	92.82	±·34	3.60	士・24	3-42	土・23
Nasion-prosthion length mm. 15.86 ± .17 1.74 ± .12 1.10 ± .07 Nasion-prosthion length mm. 63.84 ± .37 3.87 ± .26 6.06 ± .41 Nasion-gnathion length mm. 110.40 ± .46 4.81 ± .32 4.38 ± .30 Nasal arc mm. 107.92 ± .45 4.66 ± .31 4.32 ± .29 INDICES Cephalic — 76.21 ± .27 2.81 ± .59 1.56 ± .11	Nasal length]	mm.	49.04	±.31	3'24	±·22	6-61	± •45
Nasion-prosthion length mm. 63.84 ± .37 3.87 ± .26 6.06 ± .41 Nasion-gnathion length	Nasal breadth		mm.	39.84	±•25	2.57	± · 17	6-45	±·44
length mm. 63.84 ± .37 3.87 ± .26 6.06 ± .41 Nasion-gnathion length mm. 110.40 ± .46 4.81 ± .32 4.38 ± .30 Nasal arc mm. 107.92 ± .45 4.66 ± .31 4.32 ± .29 INDICES Cephalic	Nasal height		mm.	15.86	±.17	1.74	± · 12	1.10	± · 0.7
lengthmm. $110 \cdot 40 \pm \cdot 46 + \cdot 81 \pm \cdot 32 + \cdot 38 \pm \cdot 30$ Nasal arcmm. $107 \cdot 92 \pm \cdot 45 + \cdot 466 \pm \cdot 31 + \cdot 32 \pm \cdot 29$ INDICES Cephalic $76 \cdot 21 \pm \cdot 27 + \cdot 2 \cdot 81 \pm \cdot 59 + \cdot 56 \pm \cdot 11$			mm.	63.84	±·37	3.87	±·26	6-06	±•41
INDICES Cephalic — 76.21 ±.27 2.81 ±.59 1.56 ±.11		• •	mm.	110-40	±·46	4-81	±·32	4.38	±.30
Cephalic 76.21 ±.27 2.81 ±.59 1.56 ±.11	Nasal arc	4 .	mm.	107-92	±•45	4.66	∓.31	4.32	士·29
	INDICES								
Altitudinal $64.81 \pm .31 3.23 \pm .22 4.98 \pm .34$	Cephalic		-	76.21	±·27	2.81	±·59	1.56	±·11
	Altitudinal		-1	64.81	±.31	3.23	± · 22	4-98	±•34
Nasal 82.90 $\pm .65$ 6.86 $\pm .46$ 8.26 $\pm .56$	Nasal	• •	_	82-90	±.65	6-86	±·46	8-26	土・56
Facial 84.60 $\pm .36$ 3.76 $\pm .25$ 4.44 $\pm .30$	Facial	• •	-	84 · 60	±·36	3.76	±·25	4.44	±·30

had been able to measure 100 instead of only 50 Bison-horn Marias, their measurements might have averaged the same as those of the 100 Hill Marias measured. Yet from the data obtained we can fairly say that on the average both Hill and Bison-horn Marias are dolichocephalic, hypsicephalic, mesorrhinic (leaning towards platyrrhinic), europrosopic and medium-statured peoples.

What is the cause of the mesocephalic and mesorrhinic elements actually present in both the peoples? Is it not the outcome of the mixture of the dolichocephalic and brachycephalic elements on the one hand, and the leptorrhine and platyrrhine elements on the other, actually present in both? The dolichocephaly and platyrrhiny, the dark brown skin and other elements are probably the real characteristics of these pre-Dravidian (proto-Australoid) peoples. But how are we to explain the small proportion of leptorrhiny and brachycephaly and the large and mutually equal proportions of europrosopy, leptoprosopy and mesoprosopy in these two predominantly dolichocephalic and mesorrhine peoples?

Dr. Haddon¹ finds in the original pre-Dravidian Gond a Pareoean strain, which causes the brachycephalic head form, the broad prognathous face and the occasional obliquity of the eyeslits.² As against this theory it may be pointed out that there is an absence of the true epicanthic fold (at least I have found none), and of the yellowish skin, which are the main characteristics of the Pareoeans.³ Moreover, the leptorrhine element in the Hill and Bison-horn Marias cannot be explained by such an assumption.

It is interesting to note that a good percentage of Marias also conform to Dr. Haddon's Dravidian⁴ group in all essential characteristics, namely dolichocephaly, medium stature, oval face, mesorrhiny, plentiful wavy or curly hair, and brown skin of varying shades.

¹ Haddon, Races of Man, 1929, p. 20.

² Cf. Hutton, India Gensus Report, 1931, Vol. I: 'It also seems possible that the vague suggestion of the mongoloid, which is so often given by the appearance of the hillmen of Chota Nagpur, of Bastar State in the Central Provinces and of the Madras Agency tracts, may be due to a strain of Pareoean blood which has come in by sea from the east. One is insistently reminded in these areas of the Assam hill tribes, and both Haddon and Buxton have drawn attention to this strain, which strack the present writer quite independently and contrary to his expectations: and the admitted proto-australoid element in these tribes is no obstacle to this, since it must have extended at some period through what is now the archipelago to the Australian Continent, apart from the probability of its absorption on the mainland.'

³ Haddon, ibidem, p. 32.

⁴ Ibidem, p. 21.

It may thus not be unreasonable to infer that a basic pre-Dravidian (proto-Australoid) element in the Hill and Bison-horn Marias has been modified by a considerable Dravidian element, and tinged either with a Pareoean element, or, probably, with some Alpinic¹ element (cf. the presence of leptorrhine, hypsicephalic and brachycephalic elements in both Hill and Bison-horn Marias), or with both a Pareoean and an Alpine element.

¹ Haddon, Races of Man, 1929, p. 26.

APPENDIX VI

LANGUAGE

In Volume IV of the Linguistic Survey of India, Maria is somewhat briefly discussed and considered to be a mere local dialect of Gondi. 'almost identical with the ordinary Gondi of the district'. The only authority on the language mentioned in the Survey is Glasfurd's Report on the Dependency of Bustar (Selections from the Records of the Government of India in the Foreign Department, No. XXXIX. Calcutta, 1863); Appendix II of the report contains a 'Maria' vocabulary. But as Glasfurd called the Hill Maria 'Maree', his vocabulary obviously was not collected in the Abuihmar hills, but probably among the Bison-horn Marias of Dantewara and Bijapur The specimen printed in the survey seems to me to be one from the Bison-horn Maria country, while the sketch of the Maria dialect at pp. 532-3 of Vol. IV of the Linguistic Survey deals obviously with the Bison-horn Maria dialect. In fact, I do not think that it has before anywhere been stated that there is a marked difference between the two dialects, so marked, indeed, that, as I have observed before, a Hill Maria and a Bison-horn Maria cannot understand each other's mother-tongue and have to communicate in Halbi. I am not qualified to speak in any detail of the differences between the two dialects. A collection of words will often show very marked similarities or identities, but the same word will often be very differently pronounced by a Hill and by a Bison-horn Maria. Inflexions are different, those of the Hill Maria being more similar to those used by the Gond of the plateaux of the Central Provinces, though much gutturalized, while those of the Bison-horn Marias are, presumably, influenced by Telugu contacts. And in general towards the north of Bastar the Hill Maria and the Muria indent on Hindi for words wanting in their mother-tongue, while the farther south you go the more you find the Bison-horn Maria indenting upon Telugu, though he also draws considerably on Halbi. Bison-horn Maria's speech seems far more guttural than standard Central Provinces Gondi, but even he is amazed at the difficulty of the Hill Maria gutturals, and always compares Hill Maria speech to that of crows.

The volume of transcriptions and translations of Gramophone Records of Languages and Dialects spoken in the Central Provinces and Berar, edited by the late Rai Bahadur Hiralal and published

in 1920 at the Madras Government Press, gives two Maria records. which appear to me to be Hill Maria, probably from the south of the Abujhmar hills. They are full of the gutturals gh, kh and q (of which the sounds are similar to the corresponding Arabic gutturals), but do not clearly distinguish the short, almost clipped short, sound of the vowel o (sometimes a also) which I have transliterated in the Glossary and elsewhere as ŏ and ă respectively, as in ghato and paghai; unfortunately, there are few examples of these in my specimens below, though they certainly occurred in the speech of the storytellers; but my Hindi scribe had no sign to distinguish short o from long o, or this clipped a from the ordinary short a which is understood between two consonants in Devanagari script. Undoubtedly, also, the vowel e is sometimes short and sometimes long in Maria, as in all Gondi, but it is almost invariably shown as long both in the gramophone record transcriptions and in my specimens.

The Linguistic Survey does not mention the only Maria grammar which then existed, A Manual of the Mardia Language by A. A. Lind, published in 1913 at the Mukti Mission Press, Kedgaon. This is a useful work in Bastar, but often exasperating in its deficiencies: the vocabularies and inflexions were collected in different parts among different tribes, and thus are often of little use when most needed. It does, however, attempt to record the gutturals of Hill Maria, and whenever the vocabulary gives alternative forms, one with a guttural and one without, the gutturalized form may be taken to be the Hill Maria form, and the other probably the Bisonhorn Maria. The author rightly points out that the guttural Hill gh and kh, corresponding to Arabic ghain and khe, are often 'interchanged with 'r and y respectively, meaning that where the Hill Maria e.g. calls his bark cloak taghālī, the Bison-horn Maria will say tarāli. He points out also the existence of a gutturalized h, which is pronounced almost like kh; for example the verb vehna, to say, is by many Hill Marias pronounced practically as vekhna, and I have so transcribed it in my specimens.

No authority has, so far as I recollect, pointed out one peculiarity that to some extent affects all Gondi speech, but is most marked in the pronunciation of Hill and Bison-horn Maria. That is the check, almost click, so common in the middle of long words, especially between the root of a verb and its inflexion. Sometimes I have indicated this by inserting a small a above and between two consonants; I think that an apostrophe in the same position would be sounder.

Towards the south, the Hill Maria often drops an initial h, and softens his gutturals nearly as much as his Bison-horn neighbour.

I have tried in the specimens below and in transcribing the vernacular words used in the text of the book to follow the same orthography as the *Linguistic Survey*, with modifications as noted above. When no long or short sign is printed above a vowel, it is pronounced as an ordinary short vowel, not clipped. As a rough guide to pronunciation:—

Pronounce short a as the final a in America

- ., long a as in fast
- ,, short e as in when
- ., long e as the ea in great
 - , short i as in bit long i as ee in meet
- ,, long 1 as ee in meet
 ,, short o as the first o in bottom
- ., long o as in pope
- , short u as in put
- ,, long u as the oo in foot
- ., ai as the English affirmative ay
- .. au as the ow in cow

When a small a is printed above the line between two consonants, it is generally little more than a pause between syllables, the check already mentioned; when it is so printed at the end of a word, it represents the short a sound without which, for example, it is almost impossible to pronounce a final consonantal y.

Cerebral t, d and r are printed with a dot below them, and nasal n with a long sign above it. The following points observed at pp. 4-5 of Volume I of Mr. C. G. Chenevix Trench's Grammar of Gondi apply to the Hill Maria dialect of Gondi also:—

- (a) 'The -r is frequently rolled in Gondi as in English, and even before a consonant. . . . To avoid the appearance of affectation, single -r is written in the latter contingency. Thus, . . . though the -r in Dortona, = I am tired, first person singular perfect tense of Dorrana, = to be tired, is strongly rolled, it is written single. This tripping -r is characteristic of the language.'
- (b) In all southern dialects of Gondi there is a tendency to cerebralize all -r's, i.e. to pronounce r as r. (The Hill Maria goes further, and gutturalizes r to ghain.)
- (c) 'Similarly, in the oblique cases of nouns, d and d are often interchanged and t and t sometimes.'
- (d) 'It is often impossible to say whether a vowel should be marked long or short.'
- (e) It is doubtful whether initial o or e exist in the language. 'There is always a faint w sound before the o, and generally a half-uttered y proceedes the e. Thus the Gond betrays his affinity to the Madrasi butler who pronounces "eight" 'Yeight.''
- (f) "A similar" Madrasi" tendency is the addition of u to final t, t, d, d and l. Adu is often heard for ad, olu for ol, ammatu for ammat, takalu for takal, the third person neuter singular of the future of takana, to walk. Compare Hill Maria maqsu for Gondi mars, = axe, himatu for himat as second person plural of the imperative of hiyana, to go, in my specimens.

It may be observed that in these specimens and in the Linguistic Survey records there is far less borrowing from Aryan languages than in the Gondi folk-tales, stories and songs printed in Volume II of Trench's Grammar. In my specimens there are two corruptions of English words which have become current through excise and police practice respectively, bōtāl (bottle) and rapōt (report). Fairly recent Hindi or Halbi borrowings (as distinct from long acclimatized words of Sanskrit origin like mīn (fish), wijjā (seed) or bēsh (good)) found in my specimens are dōkrā (old man), dōkrī (old woman), dinām and dināl (daily), kabār (work), khush (pleased), tiyār (ready), bichār (thought), milē-māsī (together), sarkār (authorities), lagē (fastened), and rāzī (contented).

I have not collected any specimens of Bison-horn Maria language, nor have I the qualifications to attempt any sketch of the grammars of the two dialects. The Hill Maria specimens that follow were recorded under my supervision by Sampat Singh, my interpreter, in the villages of Orcha and Hikul in the Abujhmar hills in March 1934, the records being corrected with the aid of the Hill Marias in my camp.

Two Stories, from Hikul Village

I. The Monkey Son-in-law

Und nāgh mattā. Pōkrī- mu'ittā mattā, ōrā und miyār One village was. Old-woman-old-woman was, hers a daughter

mattā. Ad pīkī layā mattā. Dôkrī- mu'ittā ad pīkī-tun was. That girl maiden was. Old-woman-old-woman that girl

bon-kē hēwā mattā. Und mētā-tā und kowē dokrī-mu'ittāanyone-to giving-not was. A mountain-from a monkey old-woman-

nagā piki-may^adē lām wătā. Dōkri-mu'ittā old-woman-to girl-for bride-servitor came. Old-woman-old-woman

kētā, 'Nimā bārā-kīyā wātōq, · · kôwā?' Kôwā ittoq, 'Hillē, said, 'You what-for have-come, monkey?' Monkey said, 'No,

māmō, bēnōrē lām tāsatēq, nannā parī tūngānā-mayadē father's-sister, anyone bride-servitor will-keep, I work doing-for

mandākān.' Dōkri-mu'ittā bichār kitā, 'Māwā-igā parī kiyānōr bōgh will-stay.' Old-woman thought-made, 'Me-with work doer anyone

hillē ; pīkīn-may²dē kōwā baranjā-tun tās²kān.' Injör vēkhtā, not ; girl-for monkey son-in-law-for I-will-keep.' Then she-said,

'Mākū parī kis, tihtānūr.' Kōwā-ku tāstōq. Kōwā vēkhtōq, 'Me-for work do, I-will-feed.' Monkey she-kept. Monkey said,

'Māmā, nā-kū und maqsu par-sīm; pēndā narkān.'
'Father-in-law, me-to an axe made-give; penda-clearing I-will-cut.'

Kōwā-nā pòlō kēṇj-sī, mu'ittôr mārōnagā und maqsu banā-kiyā Monkey-of saying having-heard, old-man blacksmith-with an axe making-do

vēkhtōq. Ogh mārō tānā kölā-bārā maqsu-nā kisī kōwāng-kū said. That smith its handle-with axe having-made monkey-to

hittôq. Aske kôwā tānā māmān-tônē vēkhtôq ki, 'Nākun jāwā gave. Then monkey his father-in-law-to said that, 'Me-to gruel

atsī-sīm; nannā pēndā narkālāy dākān.' Mu'ittā-dōkrī cooking-give; I penda-clearing to-cut will-go.' Old-woman-old-woman

vēkhtā ki 'Kowā-tun jāwā himatu, aur pēndā narkālāya dāyānur.' said that 'Monkey-to gruel give, and penda to-cut he-will-go.'

Aske narkôm pîkî jāwâ kîs-hittâ. Jāwâ pā'is, kôwâ pēndā Then in-the-morning girl gruel made-gave. Gruel having-taken, monkey penda

narkālāya hattoq. Pēndā narkālāya wirsī, kowā rēkā tumrī to-cut went. Penda to-cut having-neglected, monkey achar tendu

tindā-lāy^a marā mētā hurtōq, wa pāyā mulpē maqsu-tun to-eat trees mountain was-seeing, and afterwards at-evening axe

marā tôl-ā lagē-kisī lôn wātôq. Pikī kōwān man-kiwō mattā. tree bark-to having-fastened home came. Girl monkey liking-not was.

Ona parl-tun hursi, dókri ona miyar-tun keta, 'Hura, piki, kowa llis work seeing, old-woman her daughter-to said, 'See, girl, monkey

barānjā nēh nā kām kiyānor, nimā on man-kēwīr.' Pīkī kēmēk son-in-law good work will-do, you him liking-make-not.' Girl silent

8tů. Dinăm kôwā jāwā kājsī kām kiyānā mayedē hattôq. Und diyā was. Daily monkey gruel taking work doing for went. One day

māmāl kētôq, 'Nēnd nannā bārā pēndā hur'lāsi ākān.' Kōwā father-in-law said, 'To-day I also penda to-see will-come.' Monkey

kčtôq, 'Nāţ wã'lkl.' Imā diyā ônā māmā-kū kôwā said, 'To-morrow come-please.' Next day his father-in-law monkey

nățenă narkal penda-tun tokhtoq. Mu'ittor kabăr-tun hursi khush of-the-village cut penda-to showed. Old-man work seeing pleased

ātôq. Pāyā ögh lôn wās, dôkrī-tun kētôq. Mu'ittör-nā pôlô was. Afterwards he home having-come old-woman told. Old-man's word

kēnjsī mu'ittā bārā khush ātā. Nāṭēnōr pēndā bōṛsalāya having-heard old-woman also pleased was. Villagers penda to-burn

handanā-askē kowā bārā jāwā pa'is tiyār ātūr. Nātēnor pēndā going-when monkey also gruel having-taken ready was. Villagers penda

börsatöq arū köwä tumri rēkā tindā ātūr. Nātēnör köh*lā bîtānā-askē, burnt and monkey tendu achar to-eat began. Villagers kutki sowing-when,

kówá věžátóq, 'Wijjā parkā, māmā, nannā bārā bit*kān.' monkey said, 'Seed look-for, father-in-law, I too will-sow'

Mu'ittör wijjä parhakas hittöq. Köwä wijjä-tun guppat-tagä Old-man seed having-looked-for gave. Monkey seeds-to undergrowth-in

missī-hittōq. Missī pāyā lön wās, 'bītān' injōrē buried. Having-buried then home having-come, 'I-have sown 'saying

önā māmā-tun vēkktōq. Mu'ittor ittoq, 'Pēndā hur lā dākom, his father-in-law-to told. Old-man said, 'Penda to-see we-will-go,

barānjā.' Indānkē, kōwā vēkhtōq, 'Da'ī.' Kōwā son-in-law.' He-having-spoken, monkey said, 'Please-go.' Monkey

munë munë, tana mama paya paya wital penda huralasi in-front in-front, his father-in-law behind behind sown penda to-see

hattôq. Kôwā askë munë tôkhas-mattôq, ad pëndā-tun ôs bër went. Monkey then before shown-was, that penda second time

tökhtöq. Köhelä möras-mattä. Hurtöq, paya milë-mäsi lön wätöq. showed. Kutki sprouted-had. They-saw, then together home came.

Imā diyā kōwā ittōq ki, 'Māmā, nannā pittē rākhā-may*dē Next day monkey said that, 'Father-in-law, I birds watching-for

pēndā-tagā dākān.' Ahalēkēn dinām jāwā tinjī kowā pēndā-nagā penda-to will-go.' Thus daily gruel having-eaten monkey penda-to

rākhā-may*dē handôr. Agā kōwā nātēnā gōṛ-ku mēhtānā watching-for used-to-go. There monkey of-the-village cattle grazing

pēkōr-nā pēndā bīt·lē-tun tindūr. Ah·lēkēn dinām tinjōr-mattōq. lads-of penda the-sown was-eating. Thus daily he-kept-eating.

Pēkor hurtoq ki 'Māwā kohalā-tun bātā lēkorā dinām tintā ?' Und The-lads saw that 'Our kutki what animal daily eats?' One

diya pēkor jamā wāsī bichār kitoq, 'Ayō, bōgh ighā rākhā 'day lads together having-come counsel took, 'No, someone here watching

manetu, askē hurekīt bātā tindāntā.' Imā diyā und pēkā köhelā-tagā stay, then you-will-see what is-eating.' Next day a boy kutki-near

rākhā-mattōq. Askē kōwā garak-manj kōhalā tindā wātōq, bārāwatching-stayed. Then monkey soon-after kutki to-eat came, and

tindālāsī ātōq. Rākhā pēkā hursī önā sang*tōr-kun vēkhtōq. eating began. Watching boy having-seen his comrades-to told.

Imā diyā sabē milē-māsī kōwā-tun hawaktōq. Hawaksī-manj hachun Next day ali together monkey killed. Killing-after a-little

kowa-ta awing ona mama-tun bara pekor hittoq; ogh tittoq. monkey-of flesh his father-in-law-to also lads gave; he ate (it).

Mulpē ātā, mati kôwā ônā māmānā lôn āwô ātōq. Askē ônā Evening came, but monkey his father-in-law's house not come. Then his

māmā parktōq. Mund nālū diyālā payā ōnā māmā-ku father-in-law searched. Three four days later his father-in-law-to

yerkā ātā ki pēkor hawaktoq. Ona māmā rām ātor known became that the lads had-killed. His father-in-law angry became

pěkör-nű věhhtŏq, 'Iděn nanná sarkār-tagā rapót kiyā-kān.' Askê pěkör lads-to said, 'This I authorities-to report shall-make.' Then lads

bēratóq ittōq, 'Ayō, ilēkā kēmā; māt bōgh ni-agā lām were-afraid said, 'No, thus do-not; of-us someone you-with bride-servitor

mandākom. Askē mu'ittor rāzī ātoq. Und pēkā onēgā lām we-will-stay. Then old-man content became. A lad his bride-servitor

mattôq, askë ônā pīki-tun ad lām pēkānā-tóghē marmī kis-hittôq. became, then his girl-to that bride-servitor boy-with marriage made.

Lon kis, tittoq. House having-made, they-ate.

Free Translation

In a certain village an old woman had a maiden daughter, whose hand she would give to no suitor. A monkey came from a mountain to gain the girl's hand by serving for her. The old woman asked the monkey why he had come, and the monkey answered, 'Father's sister, if I could find anyone to give me his daughter as my wife after I have served him for her, I would stay with him and work for him.' The old woman reflected that she had no one to work for her, and determined to keep the monkey as a future husband for the girl. So she told him that if he would work for her, she would keep him. So she kept the monkey. The monkey then asked his future father-in-law to get an axe made for him to enable him to cut the trees for his penda cultivation. The old man ordered an axe from the blacksmith, and the smith duly made an axe complete with handle and gave it to the monkey. Then the monkey told his father-in-law that if he were given some cooked gruel to eat, he would go to clear the penda plot. The old woman told her daughter to make gruel for the monkey, so that he could go to work. So next morning the girl made gruel and gave it to the monkey, who ate it and went off to cut the forest for penda cultivation; but he did no cutting, but searched the mountain-side for achar and tendu fruits to eat, and then in the evening left the axe in the bark of a tree and came home. The girl hated the monkey; but when the old woman saw him return from work, she said to her daughter, Look, my girl, what good work this monkey son-in-law will do, and yet you dislike him! But the girl kept quiet. Every day the monkey when he had had his gruel went off to work. One day his father-in-law said that he would go with him to see the penda cultivation, but the monkey suggested that he should wait till the morrow. The next day the monkey showed him the penda clearings that had been made by the villagers, and the old man, thinking he was looking at the monkey's work, was delighted, and went home and told his equally delighted wife.

When the villagers were going to burn the felled timber in the penda plots, the monkey took his gruel, and said that he was ready to go and burn his penda also, but while the villagers were busy burning theirs, the monkey was eating tendu and achar fruit. And when the villagers were sowing their kutki, the monkey said that he, too, was going to sow, and asked his future father-in-law to look out some seed for him. The old man found some seed and gave it to the monkey, but the monkey threw it away in the undergrowth, and came and told the old man that he had sown the seed. Then the old man said that he would go with the monkey to see the penda plot, and the monkey agreeing, they went off, the monkey leading, to see the sown field. The monkey again showed the old man the same plot which he had shown him before, on which the kutki had sprouted, and then they went back home.

Next day the monkey told his father-in-law that he would have to go up to the penda field to scare away the birds; and thereafter every day after his gruel the monkey used to go off on the pretence of watching the crops; but when he reached the penda fields, he used to eat the kutki growing on the fields of the boys who were absent grazing the village cattle. The boys observed that some animal was eating their crops, and one day consulted together, and decided to leave a boy there to see what happened to the crops. Next day, therefore, a boy was left to guard the penda, and soon after he had been posted he saw the monkey come and start eating the kutki. The watchman told the other boys, and next day all combined to kill the monkey; they gave a little of its flesh to the old man also, and he ate it.

When evening came but the monkey did not come home, his father-in-law searched for him, and three or four days later learnt how the boys had killed him. In a rage he told the boys that he intended to report their action to the authorities. They were frightened and begged him not to do this, promising that one of them should come and serve him for his daughter's hand. Then the old man was satisfied. One of the boys came to serve him to win his daughter's hand, and ultimately he married the servitor to his daughter, and

the boy and girl made a house and lived there together.

II. Catching Peacocks

Und natē-nagā mu'ittēr mu'ittā mattēq. Mu'ittēr ēnā pēndā-nagā One village-in old-man old-woman were. Old-man his penda-field-in

kõh^alā bitī-mattõq. Kõh^alā pānd^atā. Pānd^atā kõh^alātun mal tinjörkutki sown-had. Kutki ripened. Ripened kutki peacocks eating-

mattå. Tän hursi mu'ittör räkhä may'de dinäl pendä-tagä kept. Them seeing old-man watching-for daily penda-field-in

mantoq. Und diya mu'ittor-tun dand poreta; oghu lon handa parowas-staying. One day old-man-to fever arose; he home go could-

wātö. Askē onā mutī ittā, 'Nēnd mu'ittor pēndā-tāhī bāhu wāyōq?' not. Then his wife said, 'To-day old-man penda from why not-come?'

Onā hur^alāsī mu'ittā pēndā-tēkē hattā. Aghā hanj hurtā mal His seeing-for old-woman penda-towards went. There having-come saw pea-

köhalā tinjör-mandē arū mu'iltör kētul-nagā huūjas-mattöq. Askē cocks kutki eating-were and old-man field-house-in sleeping-was. Then

dökrī mu'ittör-tun hursī kiltā. Askē mal mu'itta-dökrīold-woman old-man seeing wept. Then peacocks old-woman

nagā wās vēkhtōq bārā kētōq, 'Nimā bākh-kiyā kilintā?' Dōkrī near coming spoke and said, 'You what-for weep?' Old-woman

ittā, 'Ayō, māwā mu'ittōr-tun ḍānḍ partā; handā parōr. Nimā mēnd said, 'No, my old-man-to fever has-come; walk cannot. You also

aghā hanj hurā.' Mal kētu-dē-lōpā hur lāsī hattoq. Askē there going see.' Peacocks field-house-inside to-see went. Then

dôkrā ittōq, 'Kētu-dā tāt kēh-sim.' Mal ittòq, old-man said, 'Field-house-of mat-door shut.' Peacocks said,

'Dôkri, id mu'ittör bātā intoq?' Dôkrī ittā, 'Āyō, idēn 'Old-woman, this old-man what says?' Old-woman said, 'No, him-to

nēhanā dand yē'itā, aur bāya ātōq.' Dōkrī kētu-nā tāt severe fever has-come and alarm came.' Old-woman field-house-of mat-door

kêh-sitā. Payā dökrā tēdsā sabē mal-dun hawaq-tôq. Payā mu'ittā shut. Then old-man arose all peacocks killed. Then old-woman

mu'ittor mal-dun pa'is lon watoq tittoq. old-man peacocks taking home came ate.

Free Translation

An old couple lived in a certain village. The kutki which the old man had sown in his penda plot had ripened, and as he had seen peacocks eating the ripe crop he was living in his field to guard the crop. One day he was attacked by fever and could not go home. His wife, wondering why he had not come, went towards the penda plot to look for him. When she reached the field she saw peacocks eating the crop and her husband lying in his field-house, and she wept at the sight. The peacocks came up and asked the old woman why she was weeping. She answered, 'Alas, my old man has fever and cannot walk; just go there and look at him.' So the peacocks went inside the field-house to see. Then the old man cried, 'Shut the mat-door of the field-house!' The peacocks asked the old woman what he had said, and she answered that he was in delirium from his fever. So saying, she shut the door of the field-house, and the old man sprang from his bed and killed all the peacocks. Then the old woman and he carried the peacocks home and ate them.

THREE SONGS FROM ORCHA

(These are sung at weddings or at the Koqsar festival.)

I

Refrain: Alēya rēloya rē rēloya rēlo, ālēya rēloya rē rēloya rēlo!

Chorus: Pāndōkā kusintā, dādā-lē, pāndōkā kusintā !
(The racquet-tailed drongo is calling, my brothers!)

- Bātāya pātā omtarā, layorē, bātāya pātā-yē! (Some-kind-of song sing, lads, some-kind-of song!) Chorus.
- Půnôm, layôr, pūnôm-rā, layôrē, pūnôm, layôrē, pūnôm-ē l (We-know-not, lads, know not, lads, know not, lads, know not!)
- Adrām āyō, badrām, layōrē, adrām āyō, badrām? ((If) thus not, how, lads, (if) thus not, how?) Chorus.
- Jāwā lēwā āyô-rā, layôr-ē, jāwā lēwā āyô-yô l (Gruel without not, lads, gruel without not l) Chorus.

- Bötël dāṛangô jakmā-rā, layôr-ē, bötël dāṛangô jakmā-yē! (Bottle (of) wine intoxication, lads, etc.) Chorus.
- Māwāūg huṣa-lē āyō-rā, layōr-ē, māwāūg huṣa-lē āyō-rē! (At-us look not, lads, etc.)
 Chorus.
- Ömtarā, layôr, ômatū, layôr-ē, ômtarā, layôr, ômatū ! (Sing, lads, sing, etc.) Chorus.
- Äyār, dādā, āyòrā, layòr-ē, āyār ô-ô-yē! (Ayar, brothers, ayora, lads, ayaro o ye!) Chorus.

Free Translation

Aleya, reloya re reloya relo! The racquet-tailed drongo is calling, brothers! Sing us some kind of song, lads I The racquet-tailed drongo is calling! We know no songs, lads, we know no songs! The racquet-tailed drongo is calling! If we cannot sing thus, lads, how shall we sing? The racquet-tailed drongo is calling! Without food we cannot, lads, we cannot sing ! The racquet-tailed drongo is calling ! If we drink we'll be merry, lads, merry! The racquet-tailed drongo is calling ! Do not look at us, lads, do not look at us! The racquet-tailed drongo is calling ! Sing, lads, keep singing, keep singing, lads, sing! The racquet-tailed drongo is calling! Ayar, brothers, ayora, oh lads eh l ayar o-o-vē! The racquet-tailed drongo is calling !

II

Kokoreng ko-reng!

Refrain: Alēya rē-lö-ya rē-lö!

Chorus: Kököreng köreng | [meaningless].

- Bāroq banē māyō!
 (What for was-not!)
 Kökörēng körēng!
 Wāṭarā, lāyör, wāṭā!
 (Come, lads, come!)
 Kökörēng körēng!
 Idrā pāṭā manö!
- Idrā pātā manô! (This-kind song is-not!) Kökörēng körēng!
- Dūsar pāṭā ōmū! (Another song sing!) Kökörēng körēng!
- Pāṭār ômwāl, ātēkē. (Song-singer is, then.) Kôkōrêng kôrêng !

- Wô wô wehtanke ayô !
 (Wo, wo we saying are not !)
 Kôkôrēng kôrêng !
- Wāyō-rā, layŏr, wāyŏ l (Not-come, lads, not-come !) Kôkôrēng körēng !
- Omarā, dādā, ômū.
 (Sing, brother, sing.)
 Kökörēng körēng !
- Kañtin durală ôratū
 (In-eyes dust has-fallen)
 Kôkôrêng kôrêng !
- Osār bhūmite ātēkē.
 (Another's land, therefore.)
 Kôkörēng körēng i
- Båroq banë mäyö !
 (What-for was-not!)
 Kökörëng körëng!

Free Translation

Aleya reloya relo Kokoreng koreng i Why are we not singing, Kokoreng koreng | Come, lads, come i Kokoreng koreng ! This kind of song is no song. Kokoreng koreng! Sing a different song Kokoreng koreng ! If singers are here ! Kokoreng koreng. Song out of time is uscless, Kokoreng koreng l No one has come, lads, Kokoreng koreng l Sing, brothers, keep singing, Kokoreng koreng! Dust has fallen in our eyes, Kokoreng koreng, From singing in another's land. Kokoreng koreng ! Why are we not singing? Kokoreng koreng !

III

(Sung by dancers at the Koqsar festival only.)

Refrain: Solaya re re loya re re loya, layor, re re lo re re loya!

Chorus: Kākār, dādā-lē, kāpērā, layor, kāpērā layor-ē!

(Crow, brethren, night-jar, lads, night-jar, lads!)

- Téhan pēgā guranjörā, layör, gūranjörā, layör-ē i (Above (?) rain is-thundering, lads, thundering, lads!) Kākār, etc.
- Åh^alčkā āyō āyō-rā, layōr, āyō-rā, layōr-ē ! (Thus not not, lads, not, lads!) Kākār, etc.

- Adrām āyō, badūrā, layōr, badūrā, layōr-ē? ((If) thus not, how, lads, how, lads?) Kākār, etc.
- Wô'atī-tagānē mātālarā, layor, mātālarā, lāyor-ē! (Veranda-in Mata-is, lads, Mata-is, lads!) Kākār, etc.
- Rāwar-agānē pēn-ōrā, layōr, pēn-ōrā, lāyòr-ē! (Shrine-in clan-god, lads, clan-god, lads.) Kākār, etc.
- Uti-tagănē Tallōghā, layor, Tallōghā, layor-ē! (Carrying-net-in Village-Mother, lads, Village-Mother, lads!)
 Kākār, etc.

Free Translation

Solaya re re loya, re re loya, lads O, re re lo, re re loya!

O the crow, brothers, O the night-jar, lads, O the night-jar!

The rain-clouds are thundering, lads, thundering on high!

O the crow, brothers, O the night-jar, lads, O the night-jar!

Do not sing thus though, nay, lads, no, nay, no, lads, do not sing thus!

O the crow, brothers, O the night-jar, lads, O the night-jar!

If thus we must sing not, lads, then how must we sing, lads?

O the crow, brothers, O the night-jar, lads, O the night-jar!

In her veranda is Mātā, lads, the Mātā goddess, lads O!

O the crow, brothers, O the night-jar, lads, O the night-jar!

In his shrine is the clan-god, lads, the clan-god, O lads!

O the crow, brothers, O the night-jar, lads, O the night-jar!

In her net the Village Mother, lads, the Village Mother, lads!

O the crow, brothers, O the night-jar, lads, O the night-jar!

Four Riddles (wesur) from Hikul Village

- Q. Ustā-nēdē gumchār börē kôrīntā? (Cow-dung) plastered (place)-on dove what crawls? What is the dove that struts on fresh cow-dung plaster?
- A. Ōrã. (A boat.)
- Q. Rēkā- ichôr pungār, kaurā- ichôr pērēm? (Leaf-hat as-big-as flower, cowry-shell as-small-as seed?) What is the seed as small as a cowry shell inside a flower as big as a leaf-hat?
- A. Bālō; wad. (A spider in its web.)
- Q. Hudilā pilā mētā-tūn tochtōq? (Small child mountain wears-as-hat?) What is the child that wears a mountain on its head?
- A. Yêtê. (A crab.)
- Q. Önāgh nātēnā pōnāghī mārē-tē mēnj? (Any village-of green-pigeon feather-on egg?) In any village what is like an egg on the feather of a green pigeon?
- A. Nel-Marra. ((A fruit of) the aonla tree.)

APPENDIX VII

GLOSSARY OF VERNACULAR TERMS

[Abbreviations: BHM. = Bison-horn Maria dialect; Chh. = Chhattisgarhi Hindi; G. = Gondi; H. = Hindi; Ha. = Halbi; HM. = Hill Maria dialect; U. = Urdu.] Aghā (HM.) Husband's living and sleeping room. (HM., BHM.) A hole in the floor, used as a mortar in which 4bki grain is pounded with a wooden husker or pestle. <u>akóm</u>ama (HM., BHM.) See p. 199. A man may marry only from an ahomama clan. In this work I have sometimes translated it as 'wife-clan', though, when a woman speaks of her akomama relatives, the right term would be 'husbandclan'; sometimes I have used of such relatives the term 'affines', using 'kindred' for relatives of dadabhai or brother clans, union with a girl of which is considered incest. algi (HM.) Veranda. (HM.) alpanji A sleeping-platform. (HM.) angādi Women's kitchen and sleeping room. ātē (HM.) A bull-roarer. Banda (Ha.) A knife or bill, shaped like a dao.
(G.) A garden enclosure, generally behind the dwelling called lön-welung or 'house-enclosure' by the BHM.
(Chh.) Bride-price. The BHM, use this borrowed term, or bari barna else the Hindi word karcha, meaning expenses. begår (H., Ha., U.) Forced labour; the corvée. Bherk Pen (G.) The 'Great' or Supreme God; originally, for the Gond of British India, the clan-god kept at the pen-kara or Holy Circle, as distinct from the chuddur penk (small gods) kept in the house of the head of each family. bhūm (Sanskrit and G.) Earth or land; the earth-god. bhūm-gaitā. Among HM, generally an alternative designation of the or bhumil hasyeq-gaits or religious headman, but in a few HM. villages he is a separate functionary whose function is to lead the elders in deputation to the clan-god at the chief village of the clan. Among BHM., an alternative designation of the permā, or religious headman of the village. bhum-jaga (BHM.) The sacred plot of land set apart in the field of the perma or religious headman for certain religious ceremonies generally at the pandum festivals. bistha (Ha.) Supplies requisitioned by State officials from culti-

(Ha.) A disease-riddance ceremony. ...

the king.

norn dancers.

biket

priva-gol

bohorini

vators. An old Sanskrit term for the twentieth part of the harvest, traditionally reserved for the pay of officers of

(Chh.) The puddling of rice-fields with a flat log drawn by oxen, to thin the young rice plants.

(BHM.) The large double-membrane drum used by Bison-

Chalki (Ha.) An assistant of the pargana headman, generally hereditary. (Ha.) A lidded box, made of leaves on a framework of cane.(G.) The 'small gods' or penates of the Gonds of some chiptI chuddur penk districts of the Central Provinces. (HM., BHM., G.) The term used for 'brother-clans'; see 'ahomama' above. Dādābhāī (Ha.) A form of cultivation in which boughs and brushwood Dahi are brought from the forests and burnt on old fallow fields so that the ashes may serve as fertilizers. HM. and BHM. call it parka. deda'ino (HM.) A leaf shield worn on the shoulders as a protection against rain. (H.) A god. (Ha.) The sacred grove of a clan-god.(Ha.) The ghost of a dead man; used by Halbi-speaking Dec-kot dhůmā BHM. as equivalent of BHM. and HM. term hanāl. (HM.) Flat forest lands, patches of which are used in dippa rotation for growing crops in the ashes of the felled and burned forest growth. The BHM. term is erkā, and the Ha, term marhan. (HM.) A field-house. (HM.) A menstruation hut. dödi dola-lon Lowlands'; HM. use this name for the country of BHM. and Murias, and BHM. for that of the 'Dorla' tribe of South Bastar and the Godavari valley. The Dorla derives his appellation from the Telugu dora, meaning 'lord'. Dor-bhum (Ha.) A small earthen pot. düdi (BHM.) See dippa. Erkă Gaitā (HM., Muria.) A headman. (H.) A village. Gaon (H.) A fort, or a feudal division of country. garh gattā (HM.) A dish-shaped brass gong. (H.) A mountain pass; used in Anglo-Indian speech of a ghāţ chain of mountains such as the Eastern Ghats. (HM., BHM.) A thick porridge of rice or other grain, called ghātó in H. bhat. (HM., BHM.) A bridge pier consisting of a cylindrical gorlā bamboo basket filled with boulders. (HM., Muria.) A communal village dormitory, used mainly gotul by bachelors, but at times by all the males of the village. and used also almost as a men's club. (H., Ha.) A sub-division of a Hindu caste. It is used by gotrā Halbi speakers for the Maria clau. (HM., BHM., G.) Literally, 'tribe-milk', the term applied to gudapal

the marriage of cross-cousins, and to the cross-cousins themselves. A in one generation marries B, the sister of C. The son of C regards the daughter of A and B as his gudapal, and is entitled to demand her hand in marriage or to demand compensation if she is married to someone else. By C's son marrying A's daughter, C's clan is repaid the 'milk' debt which A's clan incurred when A took B to wife from C's clan.

gudārī (HM.) A hoe or mattock, called kargudar by the BHM.

(Ha.) A hedge-temple. gudî

(Ha.) One versed in guni, or magic spells. guniā

(HM.) A menstruation room in a house. Hala (HM., BHM.) A past participial form of the verb handana, hanāl to go, used of the Departed, or of the ghost of a dead man which is to be propitiated by appropriate ceremonies, and finally laid by the erection of a menhir. (BHM.) Priest of the Departed. hanāl-gaitā hanāl-gattā Wooden posts erected at the grave of a dead person. hanāl-garyā Ghost-throne'; the small cromlech set up at the base of a hanal-gatta or a menhir. (H., Ha.) A large earthen pot.
(BHM.) 'Remains-eating'; the feast to which all friends
and relatives are invited on the day after the pandum handi hari-tindini ceremonies which only members of the family may attend. (U.) A Crown grant of land or of the right of collecting Jigir land revenue, generally as a reward for service rendered or to be rendered. 'German'; the word used for the jarman (Ha., HM., BHM.) aluminium alloy of which many bazaar ornaments, earpicks, etc., are manufactured. (G.) The thin grain gruel called per in H., Ha. and Chh.
(G.) Personality, life, that which survives after death and is Aws]iw4 not malignant like the handl. jīvā-bitāl (HM.) The heir of a dead man. Kach-tendor (BHM.) A jews-harp. (Kach means 'iron'.) kadri (BHM.) Knife (HM. hasyeq). kadri-bera 'Knife-neld'; a piece of land in the field of the (BHM.) religious headman (perma or kadri-gaita) set apart for certain religious ceremonies and sacrifices. It is also known as bhūm-jāgā. kadri-gaith (BHM.) An alternative name for the perma or religious headman, corresponding to the HM. term kasyeq-gastā. kaghai (HM.) An area set apart for penda cultivation when left fallow for a term of years to allow the forest growth to recuperate. It is called have by BHM. kal-burria (BHM.) Wine-ladle. kar nu (HM.) A threshing-floor. kasyeq (HM.) The knife carried in the loin-cloth in a wooden sheath. kasyeq-gaita (HM.) The 'knife-headman' or religious headman of the HM. village, and ex-officio priest of the Village Mother. The word 'knife' refers to his sacrificial functions. (BHM.) Clan. HM. and Gonds generally use the term pari. katta ketul (HM., BHM.) A field-shed. khandi (H.) A measure of capacity, containing (in Bastar) 40 pails or 160 soli. A soli contains rice weighing 40 tola or slightly more than I lb. The khandi of rice thus weighs about 164 lb. kochi (HM.) A man's dancing-skirt. (HM.) The final harvest festival of the Hill Marias, in Koqsar honour of the earth and the clan-god. Kos, (plural (G.) Name used generally by all speakers of Gondi dialects

of Hindus. Marias apply it generally to strangers.

(Ha.) The grain kuthi (Panicum miliaceum).

(HM.) The strangers' rest-house, set apart in HM. villages

for lodging State officials and other strangers who are not

Kosor)

Koitor.

Kos-gotul

kosri

233

334 kotőkál The menhirs set up by the roadside to the Departed. kupā-kelk (BHM.) The knot into which a man ties his crown-tuft of hair. (HM.) A menstruation hut. (H.) The grain Panicum miliaceum called kohalā by Marias kurmā-loz kutki and Gonds, and kosva in Halbi. kutmām (BHM.) Phratry or group of clans, also called tarr. Lamanā'i (G.) A youth serving his future father-in-law for his daughter's hand when he cannot afford the usual bride-price. landa (Ha., BHM.) An intoxicating gruel, made from rice and Eleusine coracana. (HM.) A medium, employed as assistant by waddai or leskf clan-priest. (H.) A phallus. lingam lon (HM., BHM.) House; the northern Gonds say row. lonti (HM.) The inner room of the house, used for the cult of the Departed and as a store-room. lotă (H.) A small brass pot. Machan (H.) An elevated platform, set up in trees for shooting at big game, or in fields for watching crops. mahul The tree Bassia latifolia. Its flowers are distilled to produce the chief intoxicating spirit of Central India. majhi (Ha.) Headman. (Ha.) Granary. (HM., BHM.) The grain Eleusine coracana. mändä māndiā (HM., BHM.) The grain Eleusine coracana.

(H.) A spell or religious formula.

(HM.) Small brass wire rings worn in the helix of the ear.

(HM.) An axe, called maras by BHM.

(Ha.) See dippa.

(HM.) Marriage, by the normal ceremony.

(Ha.) A grass sleeping-mat.

(BHM.) Taboo; the HM. term is polo.

(G.) Highlands (math (G.) means mountain): both HM. and mantram maqqawadang māqsū marhān marmî masni melo (G.) Highlands (meta (G.) means mountain); both HM. and Metābhūm BHM. call their country Metabhum and themselves Meta Koitor. modul-waddā'i (BHM.) A clan-priest. moghi (HM.) A dancing-shield. (HM.) A garment worn by women, consisting of a square mudang patch of cloth passed between the legs, and attached behind and in front to a cord or bamboo hooped around the waist and threaded through numerous brass rings. mundā (Ha.) A small irrigation tank. (BHM.) Bead-necklaces. (HM.) A club-shaped wooden husker or pestle, by which mungyā musal grain is pounded and husked in the āhkī hole in the floor. BHM. call it uspāl.

(BHM., HM.) A village. När or nägh (BHM.) Room in which women and infants sleep. narmā-lon Nāgh-Talugh! The Village Mother goddess of the HM.; BHM. generally use or Nar-Taluri the Hinduized form Gaon Devi.

O'idal (G.) Hearth. (Ha.) A gourd ladle. o kā

muyang

(BHM.) The veranda of a house. OBOT

(HM.) Pellet-bells.

(Ha.) See paghai. The term Padar-raj applied by BHM. Padar to the open well-settled country of the Jagdalpur tahsil may simply mean 'village-realm' päghäi (HM.) A village site, one of the alternative sites in parishes where there is much shifting cultivation. BHM, use the or pagh Ha. padar, and Murias and some HM. pare. (HM.) A gourd ladle.
(H.) A turban.
(Ha.) Originally a soldier of the medieval feudal militia. paghās pagri paik of all the states of Orissa and Chhattisgarh; used in the lingua franca of Bastar of police constables, etc. (H., Ha.) The council of village or caste elders, traditionally panchāyat five (pānch) in number. pandum (BHM.) A first-fruits or new-eating ceremony. (Ha.) See weta. parad pargana (H.) A sub-division of a tahsil or zamindari, corresponding roughly to the ancient garh. pari (G.) The word used by almost all Gondi speakers for the clan; BHM., however, call it hatta. (HM.) Bride-price. (HM., BHM.) See dahi. paring parkā patwāri (H.) Village accountant-surveyor, employed by State to maintain village assessment records and on settlement work. (BHM.) pāyā Parting of the hair. (BHM.) Secular headman of village, corresponding to HM. peda The term is occasionally used by HM. also. (HM.) A menstruction but or room. pedawo'ghāi (G.) God. As used by HM. and BHM. refers to the clan-god. (HM., BHM.) The chief form of cultivation among Marias. penda The method is that described for dippa, but penda lands are always steep hill-slopes, and generally have far longer fallow periods than dippa lands. (BHM.) Regular marriage. pendul (G.) The clan-priest of the Gonds of the Nagpur and adjacent pen-gådwå Central Provinces districts, who is the custodian of the Bhera Pen and the pen-hard, or Holy Circle. pen-rāwar (HM.) The clan-god's shrine or hedge-temple, generally called deogudi (Ha.) by BHM. pen-wadd&! (HM.) The priest-medium of the clan-god. permi. (BHM.) The religious headman of the village. See also bhum-gaita and kadri-gaita. (Ha.) A kind of axe. pharsi pira-mansha (HM.) A disease-riddance ceremony, called bohorant in Ha., and rog-burrid by BHM. polog (HM.) Taboo. pörskeng (HM.)Rings or plugs worn in the lobe of the ear. (H.) One who performs the pujd or worship of gods. (G.) The pulse urad (Phaseolus radiatus). půjari pupal Rau (Ha., BHM.) Demons, chiefly of mountains and high places. reking (HM.) A large leaf hat used as protection against rain. SAJA (H.) The tree Terminalia tomentosa, held sacred by Marias and all Gonds. (G., mard-marra.) SAl (H.) The tree Sharea robusta. (Ha.) The sago-palm (Caryotis urens) called garga marra saiphi by Marias. airi-bori (Ha.) Village subscriptions of labour, supplies or money for communal or State objects; a corruption of an Arabic

technical term.

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336	APPENDIXES
siārī	(Ha.) The elephant creeper, Bauhinia vahlii, much used for making cord.
Bŭţā.	(HM.) Iron hoops worn by women around their necks.
Tāg <u>h</u> ālī	(HM.) A raincoat made of strips of retted bark of the tree Kydia calycina, sometimes used also as a dancing-skirt for men.
tahsil	(U.) A large sub-division of a district or State, administered by a tahsildar.
tallāgu ilā	(BHM.) The plumed bison-horn dancing head-dress of men.
talq-dā'Inā	(HM.) Literally, 'going to ask'; used of the formal visit of a youth's parents to a girl's parents to ask for the girl's hand for their son. The BHM. call this tālpānā, or 'asking'.
talutār	(BHM.) A patterned brass snood, worn over women's hair.
tårr thekadär	(BHM.) = kutmām, a phratry or group of clans. (H.) One who holds a village on thekā or lease from the
	State or a zamindar.
<u>til</u>	(H.) The oil-seed Sesamum indicum.
tirdudī	(BHM.) Woman's bamboo dancing staff, adorned with iron pellet-bells.
tiyā	(BHM.) Iron neck ring.
tokānā	(BHM.) Used of consulting the earth-god as to what sacrifice he demands by placing wet rice on the ground before a cock and reciting names of possible victims till the cock pecks up the rice; the god is held to want the victim last-mentioned.
tōpī tóqā	(H.) A hat; used by HM. of their dancing head-dress. (HM.) Tail; used of the end of the loin-cloth left to hang over the right buttock.
torī	(Ha.) The Muria hunting-horn.
tum	(HM.) A form of grass fencing.
turam	(HM.) A kettle-drum.
Uddam-garya	(HM.) The religious headman's seat of honour.
urad	(HM.) The religious headman's seat of honour. (H.) See pupal.
uras-kal	(BHM.) = HM. kolokal, q.v. (from urasna, to bury, and kal, a stone).
uspāl	(BHM.) See musal.
utārī	(BHM.) A brass fillet worn over women's hair.
Wetā	(BHM.) A ceremonial hunt, or pārad (Ha.); the most important is the wijja-wetā, or 'seed-hunt', preceding the sowing of the new harvest.
wijja	(G.) Seed; the Hindi bif.
wijja-dodi	(HM.) A long-granary.
wijj-erhu	(BHM.) 'Seed-mahua'; an alternative name for the bhum-jaga or kadri-bera plot in the perma's field set apart for religious ceremonies, which has generally on it a sacred mahua tree.
wijja-lon	(BHM.) Room in dwelling-house used as granary and for cult of the Departed.
wittō	(BHM.) A fringe of hair, left along the forehead.

zamindari

(U.) The estate of a zamindar, who in Bastar (as in the Central Provinces generally) is a subordinate chief, a survival of the medieval feudal chiefs subordinate to the Maharaja, holding a large estate on payment of tribute to the Maharaja or the Government, as the case may be.

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INDEX

(The abbreviations M. HM and BHM are used for Maria, Hill Maria and Bison-horn Maria respectively.)

Abnormalities, 261-2, 265-6. Abujhmar hills, 5, 12, 22, 26-8, 30, 49, 91, 128, 141-6, 173, 236, 296. Adeq village, 26-7, 91, 201, 237, 312. Adultery, 224, 285, 295. Agriculture: permanent, 125-6, 127; HM, 14. 144, 146-7; BHM, 147-50. shifting, 28, 38, 96; HM, 106-10, 125-41; BHM, 147-8, 190. Agricultural Year, 129-41. Ahiri zamindari, Chanda District, 26-7, 34, 50, 162, 286-8. Aktai (Akshya Trittya) Hindu Festival, 165. Allotment, of land for shifting cultivation, 130-1. Amusements, 181-7. Sea Departed Ancestors. Genealogical method. Angami Nagas, 76, 83. Animals, wild, shot out by M, 80-1. Anklets, dancing, 81. Annam Deo, Raja, 3, 4, 38, 39. Antagarh, tahsil, 16, 22-3, 24-8, 33, 44, 49, 285, 288-9, 299. Anthropometry, xi-xii, 48, 312-18. Antiers, of spotted deer, in dancing head-dress, 81. Ants, 117, 133, 153. Approaches, of villages, 101. Aranpur, pargana and village, 28-30, 56, 175, 203, 281, 312. Ark clan, 201, 238. Arrows, 84-8, 155, 168, 182, 187, 211, 204. Arts, 82-3, 96, 187. Assessment, land revenue, 141-6. Atami clan, 199-200, 305, 306. Atrami clan, 242, 255, 306. Axes, 75, 83-4, 102.

Bachelors' dormitories. See Dormitory.
Bad deaths, 223, 230; HM, 279; BHM, 283.
Bailadia mountains, 23, 28-9, 30, 57, 91, 281.

Bamboo, 84, 106, 135, 163; food, 152; tubes, 70, 168. See also Drums, Fencing and Fire. Banda, knife or dao, 83. Banjara, carrying caste, 10-11. Bari, gardens, 66, 102, 106, 119, T 20. Barkon, territorial division, 33-4. Barsur, ancient kingdom, 4, 5. village, 26, 51-2, 220. Barsur Mar (Dantewara Mar), pargana, 27 etc., 312. Bardal, pargana and clan, 22, 26. 33, 70, 139, 141, 237-8, 275-6, 303. Basketry, 70, 75, 80, 113, 117, 118, 136, 174-5. Bastar State, area and population, 3, 299. ethnography, 35-57. geography, 20-34. history, 3-19. Bathing, 65-6, 189, 215, 254, 255. Bazaars. See Markets. Beads, 27, 45, 71-3, 96, 267. Beans, 51, 134, 148. Begar. See Forced labour. Behramar pargana, 22, 23, 26, 33. 162, 275, 276, 277, 278. Bells, xiii, 45, 52, 73, 76, 81. Benur, village and pargana, 25, 44. Betrothal, HM, 248-9; BHM, 251-3, Bewar, type of cultivation, 126. Bhairamgarh, market village, and Mar pargana, 4, 27, 163, 220, 312. Bhairam Deo, Raja, 14, 16, 198. Bhangaram, god, 193. Bhamragarh, village in Ahiri, 22. 23, 26, 27, 163, 164. Bhattra, race, 16, 35, 36, 37-41, 43. 186. Bhera Pen, god, 46, 194. Bhiji, zamindari and village, 4, 32. Bhimul, god and cult, 206, 215, 219-Bhopalpatnam, zamindari, 10, 18, 27, 28, 30-1, 288, 299.

Bhum (Earth), 9, 119, 125, 130, 138, 176, 193, 195-206, 230, 236, 242. Bhum-gaita (Earth-priest), 109, 138, 139, 196. Bibliography, 337-8. Bijapur, tahsil, 5, 18, 23, 28, 30-1, 299. Birds, as pets, 163. Bird-lime, 153, 158. Birth, of children, 65, 67, 224; HM, 261-9; BHM, 269-70. Birth-marks, 265. Bisaha. See Forced supplies. Bison-horn head-dress, 79-81. Bison-horn Marias, 8, 12, 16, 23-5, 44, 47, 221. general account, 53-7. for details, see subject headings. Blacksmiths, xiii, 37, 50, 56, 65, 67, 81-2, 83, 87, 90, 175-9, 183. Blood, used to fertilize seed, xiii, 212-13, 220, 221. Blunt, Captain, 10-11. Boar tushes, 81. Boda, Kalmu, headman of Barsur pargana, xix, 159-60, 200. Bohorani, ceremony. See Ceremonies, disease-riddance. Bond service, 14, 18. Bottada, race. See Bhattra. Boundaries, 39, 101, 131, 132, 140, Bows, 81, 84-8, 155, 187; use for music, 88. Bracken, 152. Branding, 174. Brass-work, 65, 68, 71, 73, 75, 81, 171, 179-80. Bride-price, 182-3, 247; HM, 249-50; BHM, 252-3, 254, 256, 294. Bridge building, 93. Bridges, 101-2. Buffaloes, 162. Bullocks, 95. Bull-roarers, 183. Burial, See Funeral. Butler, Sir Montagu, xvi, 174. Byres, 120. Cain, the late Rev. J., 54-5, 94.

Cain, the late Rev. J., 54-5, 94. Cairns, 101, 139, 283.

See also Stones for dead.
Calendar, 129.
Canoes, 164.
Capture, marriage by, 247, 260.
Carrying sticks, 63.
Carts, 63, 122.
Cash, 142, 144.
Castor-oil plants, 104.
Castration, 161.

Cats, 163. Cattle, 101, 122, 136, 142, 145, 146. byres, 120. Cauterization, 174. Central Provinces Census Report, 1911, 34, 286-8. Census, 3, 32, 36-8, 46, 49-51, 53, 145, 154. Gazetteer (Grant's 1870), 12. Central Provinces States, xvi, 35. Ceremonies: age, 265. agricultural, 45, 130, 133, 134-5, 137-41, 206, 208-21, 289, 291. changing clan of widow on remarriage, 261. death and funeral, HM, 271-9; BHM, 279-83. disease-riddance, 101, 140, 174, 193, 290. first-fruits, 125, 134, 137-41, 165, 169, 198, 208-11, 215-18. fishing, 165-6, 209. hunting, 39, 154, 158-9, 211-14, 219, 269. naming, HM, 265-7; BHM, 270. new tanks, 170. palm-trees, 169. rain, 132, 206, 219-20. village-shifting, 109-10, 122-3. weaning, HM, 267, BHM, 270. Chaitan Singh, the late Circle Inspector, xviii, 167. Chakrakot, medieval kingdom, 4. Chalukya kings, 3, 4. Chanda District, 10, 22-3, 25, 26-7, 28, 143, 239, 286-8. Marias, 38, 69-70, 202, 286-8, 306. Character, of M, 27, 91-7. Charcoal, 176-7. Chaurasi (traditional land division of 84 villages), 33. Feudatory Chhattisgarh States Gazetteer, 46, 77, 102, 127, 150, 193, 195, 200, 227. Chhindwara, Central Provinces District, 147, 239. Chhota Dongar, village and pargana, 6, 26-7, 33, 44-5, 62, 63, 91, 224, 234, 236-8. Child marriage, 250, 295. Children, 46-7, 66, 112, 263-70. See also Birth and weaning. Chintalnar, former zamindari, 4, 31. Chitrakot, falls of R. Indrawati, 21-3, 24. Cholera, 93, 279. Christian converts, 224. Chudur Penk, domestic ('little') gods, 194-5, 239.

Clans, 51-2, 119, 193-205, 233-46, 288-9, 300-7. areas, 45, 119, 138, 200-1, 234-43, 279, 280-8, 289-91. gods, 45, 51, 104, 106, 123, 125, 132, 137-40, 193-205, 224, 226, 239-41, 246, 264, 272, 277, 292. priests, 57, 104, 110, 137-8, 196, 199, 226, 240, 246, 271, 239, 283. worship, 137-40. change of, by widow, on remarriage, 261. Cleanliness, 65-7, 120, 189. Climbing, 63. Clogs, 127. Cloth, 65, 68-9, 253, 274. Clothing, 63, 173, 274; HM, 68-77; BHM, 77-81. Clouds, 230. Cock-fighting, 162, 186. Codes, Indian Penal, Criminal Procedure and Civil Procedure, unsuitable for aboriginals, 15, 95, 285, 296. Colour, M, sense of, 96. Combs, 68, 73. Communism, of M, 97, 102-3, 125, 130-1, 145. Confederations, primitive, of tribes, 36 Cooking, 104, 113, 124, 132, 135, 139, 151-2, 153-4, 158. Co-operation, 97, 125, 130-1, 136, 137, 249, 292. Coops, chicken, 104. Cots, 64, 271. Couvade, HM, 265; BHM, 270. Cowries, 63, 69, 80. , as currency, 18. Cows, eating of, 43, 44, 162-3, 278-9, 282. export of, 162. hides of, 117, 177, 181. milking, of, 50, 122, 146, 162. ploughing with, 50, 146, 162, 183-0. sacrifice of, 162-3, 215, 223, 225, 278-9, 280-2. tending of, 50, 146, 162-3, 188-9. theft of, 163. Cremation. See Funeral. Criminal jurisdiction, 95, 284-6. 205-7. See Stones for dead. Cromlechs. Crops, 119, 133-6. Creepers, cord, 80, 85, 113, 117, 133, Cross-cousin marriage, 234, 236-7, 247, 294.

Cultural parallels, xi-xiv, 220. Curiosity, 92-3. Dahya, form of cultivation, 38, 126. Daily routine, 187-9. Dancing, of HM, 45, 74-6, 83-4, 137. 139-40, 183-5, 267, 269, 278-9. of BHM, 51-2, 63, 79-81, 160, 183, 185-6, 213, 216, 217, 218, 219, 220-1, 255-8. of Parjas, 41. of Jhoria Murias, 45. -dress, 41; HM, 74-6; BHM, 79-81, 174, 274-5. -sticks, 81, 181, 185 Dandami (name for BHM), 12, 51. Danteshwari, State goddess, 5, 7-11, 104, 205 Dantewara Mar, pargana, 27-8, etc. Dantewara, tahsil, 23, 28-9, 299. temple and village, 4, 5, 7-11, 16, 22I. Dasehra, festival, Hindu, 91, 190, 220, Days of week, 187, 267. Defecation, 64, 66, 265. Deformities, 230, 261-2, 266. Democratic ideas, 289-90. Demons, 206, 261, 270. Dhaurai, market village, 63, 71, 73, 162. Dhur, division of Gonds, 50. Dhurwa, alias of Parja, 36, 39. Departed: Association of, with clan-god, 205, 223-4. Cult of, xii, 114, 123-4, 133, 139, 216, 217-9, 222-5, 254. Fear of, 125, 139, 154, 222-4, 246, 272, 277. Hearth of, 114, 139, 190, 222-3. Libations to, 170, 216, 217-19, 222-3, 252, 253, 254, 282. Memorial stones for, xii, 45, 96, 139, 154, 163, 170, 200-1, 223, 224-5, 243, 273-83. Pot of (hanal hunda), 114, 124, 133, 139, 216, 218-19, 222-3, 278, 282-3. Priest of, 213, 217, 222. Rebirth of, 223. Room of (lonu), 114, 123-4, 133, 216, 253, 254, 278. Offerings to, 114, 139, 209, 216, 217-9, 222-3, 242 275-6, 277-9, 280-3. 242-3, 273-4, See also Funerals. Digging-sticks, 90, 131, 282. Dippa, form of cultivation, 126-7. Divorce, 261-2, 293, 295.

Doctor Dec, godling, 193.

Dogs, 163. Enmity, 94. Domestication of animals, 161-3. Erka, type of cultivation, 126-7. Domestic gods, 194-5, 239. 147-8, 149. European, early visitors of Bastar. Doors, 115-6, 118, 123. Dorbhum (lowlands) Der and 10-13 Koitor, 49-50. Excise policy, xv, 15, 18. Dorla, tribe, 11, 32, 51, 52-7, 235, Exogamy, 51, 199, 224, 235-6, 240. 244-6, 291. Dormitory: Eye complaints, 161, 173. bachelors' (Koitor-gotal), xii, 44, 45-7, 64, 102, 104, 109, 110, Fagan, the late Colonel, 15, 77. 112, 118, 122, 132, 138, 187, Famine, 151. 264, 267-9. Farsal, clan and pargana, 22, 26, 33, for non-Koitor visitors, 106, 122, 52, 237, 275-6, 303. Farsigotal pargana, 22, 33, 275, Dress, 45, 64; HM, 68-77; BHM, 77, 276, 303. 81. Fear, 91, 92. Drinking, 170-1. Felling, forest for shifting cultiva-See also Intoxicants tion, 131. Landa, Mahua, Salphi and Toddy-Festivals: palm. Ihoria Muria, 45. Drumming, 139-40, 160, 181-3, 184, HM, 133-4, 137-41. 185, 255-8, 267, 271, 279-80. BHM, 137, 208-21. Drums: Fencing, 131-2, 148, 174. bamboo, 182, 267. bamboo wattiework, 102, 118, double-membrane (dol), 52, 63, 81, 132, 148. 181-2, 279-80. brushwood, 148. gourd, 182. grass (tum), 115, 118, 132, 146. single-membrane (turam), xii, 118, log, 135. 140, 168, 181-2. pile-stockading, 132, 147. Dummagudam, town in E. Godapole-stockading, 106, 147, 156. vari Agency, Madras, 28, 173. wattlework, 117-8, 132. Duns, employment of Gharwas as, welma (horizontal poles), 132, 146. Ferry dues, 163. Dwarfs, 262. Feuds, 94. Field-houses and shelters, 129, 132-3. Ear-rings, 72-3, 78-9. Fifth Report, quoted, 10 (foot-, Ear-scoops, 79. note). Earth. See Bhum. Fire and fire-making, xii-xiii, 64-5, Earth-eating, oath, 96. 131-2, 189-90. Earth-god (Dhania Deo), 219. Firing penda fields, 131-2. See Bhum. Fish, fishing and apparatus, xiii, Earthworks, 146-7. 117, 138, 163-8, 209. East Godavari Agency, Madras' Food, 90, 103, 117, 135, 136, 188-9. Presidency, 4, 28-32, 35, 40, Food gathering, 92, 151-4, 169. Forced labour (begar), 14, 16, 18, 53-6, 172-3. Eastern States Agency, 3, 35. 43, 143, 197, 284. Eating, 117, 135. Forced supplies (bisaha), 14, 16, 18, Eclipses, 230. 141-2, 284. Foreigners, exploitation of Bastar Education, 16, 267-9. Eggs, 103, 122, 130, 140, 166. by, 14, 16, 18, 42, 143. See Sacrifices. See also Hinduization. Eickstedt, Professor Baron Egon Forest produce, 92, 117, 123-4. von, xi, xvi, 48-Forest reservation, 16. Elders, 284-94. Forests, 25, 128-9. Forest-spirits, 206, 211-12, 213, 214. Eleusine coracana (mandia), 134, 148, 169-70. Frankness, natural, of M, 95, 144. Elliot, Lt. C., 8, 11, 142, 337. Fraser, the late Sir Andrew, 15. Freedom, M, love of, 96. Elopement, 259-60, 261-2, 295. Elwin, Verrier, xi, 337. Frogs, eaten, 158. Endurance, 62-4, 128-9. Fun, M, sense of, 95.

Funerals, 64, 76, 92, 170, 176, 186, 222-5: HM, 271-9; BHM, 270-83. Fungus, edible, 152. Fusion of cultures, xi. Future life, M, ideas of, 224-5. Gadba, Mundari-speaking tribe, 42, ÓQ. Gagra (weapon), 83, Games, 186-7, 269. Gangalur, pargana, 204. Gark, ancient territorial division, 5, 6, 32-4, 42. Garhai, clan messenger, 290. Gayer, Mr. G. W., former Administrator of Bastar, 16. Genealogical method, 233-4. Gharwa (Ghasia) brass-workers' clan, 65, 71, 73, 75, 81, 124, 171, 179-80, 291-2. Ghotpal, village, 51, 204, 217. Gidam, market village, 28, 71, 163. Gifts, 97. Girdles, 69. Glasfurd, Capt. C. L. R., former Deputy -Commissioner ο£ Sironcha, 7, 8, 12-14, 27, 32, 42-3, 44, 53, 54, 57 (footnote), 68-9, 74, 77, 80, 88, 91, 193, 200, 225, 226-7, 319, 337. Glasfurd, Colonel A. I. R., 80-1, 337. Goats, 120, 162, 239. Godavari, river, 10, 11, 12, 13, 17, 18, 28-32, 35. navigation scheme, 12, 13, 17. District Gazetteer, 55. God-groups, Central Provinces Gond, 194-5, 239. Gods. See Bhangaram, Bhera Pen, Bhimul, Clan-gods, Danteshwari, Ispural, Lingo, Pen, and Part IV generally. Gogonda, village and hills, 24, 31, 32. Golapalli, pargana, village and hills, 24, 29, 32. Gold, used in purification ceremony. Gond race, 10, 25, 35-7, 42, 46, 47, 53, 50, 70, 77, 147, 193-5, 202, 239, 243, 244, Gondi language, 4, 5, 35, 38, 42, 43, 55, 319-30. Gongs, xii, 182-3. Gotul. See Dormitory. Gotal, clan, 237-8, 303. Gottawar tribe of Gonds, 53-5. Gourd drums, 182. Gourds and gourd implements, 66, 118, 124, 134, 148, 171,

Grain, kinds of, grown by M, 133-6, 147-50. Granaries, HM, 75, 102-3, 112, 117-18, 269; BHM, 120, 123-4, 133. Grass, thatching, 115, 135. seeds used for food, 152-3. Gratitude, 97. Grazing rates, 145. Greetings, 97, 257. Grierson, Sir G., O.M., Linguistic Survey, 6, 38, 39, 319-20, 337. Grinding, 113, 124, 139, 189. Grubs, as delicacies, xiii, 153. Gum, 153, Gume clan, 109, 198-9, 200, 201, 236-8, 243, 288, 305. Gunia (sorcerer), 174, 228, 283. Haddon, Races of Man, 48, 313, 317, 318. Hafting, 83. Hail, 230. Hair, 66, 67-8, 88. Halba, tribe, 5-6, 37, 42, 149, 198, Halbi language, 6, 38, 42, 95. Hanal, See Departed. Handawada village, 107-13, 312. Hareli, festival, 214-15. Hare-lip, 230, 261-2, 266. Hares, 135, 155. Harvest-home. See Koqsar and Ceremonies. Hawking (falconry), 163. Head-hunting, xiii. Headmen, pargana, 94, 196, 284-97. village, 14, 18, 95, 102, 103, 110, 112, 130, 140-6, 196-7, 284-97. Hearths, 111, 113, 114. Hell, 224. Herdsmen, 101, 122, 146. Highlanders, 49-50, 55. Hikul village, 95, 103, 312. Hill Marias, 22-3, 25-8, 44-5, 220. general account, 49-53. for details, see subject headings. Hinduization, 36, 38-9, 43, 49, 70, 76, 91, 173, 217, 220-1, 225, 250, 266, 296. Hoes, 89-90, 127, 146, 147. Honesty, of M, 95-6, 102. Honey, 153. Hornbill, 81. Horns, hunting, 179, 183. Hoshangabad, Central Provinces district, 136, 147, 163. Hospitality, 97. Houses, 66, 103; HM, 110-17; BHM, 119, 120-4. contents of, 116-17, 122-4.

Ihorian, pargana, 33, 45.

344 Hukkagotal, pargana, 22, 26, 33, 275, 276, 303. Hukur clan, 135, 237, 304. Human sacrifice, xiii, xviii, 6-9. 193. Humour, M, sense of, 93, 95. Hunting, 39, 84, 154-61, 211-14, 219, 269. Husking. See Grinding. Hutton, Dr. J. H., xvi, 48, 76, 83, 90, 114, 317. author of Introduction, xi-xiv. Hydrocele, 48, 173. Ignorance, of foreigners about Bastar, 3, 10, 13. of Hindus, etc., about M, 3, 12, 27, 68-9, 142, 143, 172, 173, 225. Impotency, sexual, 261, 262. Improvements, agricultural, 146. Incest, xiii, 245-6, 291. Individualism, 97, 120, 125. Indrawati river, 10, 17, 21-3, 30. Influenza, 1918 epidemic, 174, 200. Inheritance, 294-5. Injection and inoculation, 172, 173. Insanity, 262. Intermarriage of M with fishermen, 163; with blacksmiths, 175-6. of HM and BHM, 51, 198. Intoxicants, 71, 168-71, 186. See also Drinking. Iron, use of against magic, 283. Iron-work, 175-9. Irrigation, 146-7, 149-50. Ispural, Supreme Being, 224, 230. Jagdalpur, capital of Bastar State, 4. 17, 43, 220. Jagdalpur, tahsil, 4, 16, 21, 24-5, 36, 38-44, 91, 203, 299. Jaggergonda, village, 5, 28, 195. Jail, 94, 97. Jalkamani, water-spirit, 166, 206. Japgunda, village, 140, 198. Jaralur. See Kuruk. Jātā clan, Jātālūr village, 96, 199 (footnote), 238, 304. Jātā Pandum, BHM festival, 219. Jātē clan, plurai Jātērom, 135, 199, 237, 238, 239, 240, <u>3</u>04. Jati clan, Jatwara *pargana*, 22, 33, 199 (footnote), 236, 302. Sir R., Resident Jenkins, Nagpur, 3. Jews-harps, 183. Jeypore (Orissa), 8, 10, 13, 18, 21, 23-4, 33, 36, 38, 39, 49, 57. Jhoria, group of Murias, 25, 44-7,

195.

Jiwa (personality, life), 67, 225. Jugho clan, 201, 237, 238, 239, 243, Kaghai (shifting cultivation site), See Village shifting and Agriculture. Kakatiya dynasty, 3-4 Kammar caste. See Blacksmith. Kanker State, Eastern State States Agency, 5, 10, 12, 25, 44, 46. Karangul village, 105-6. Kare Pandum festival, 219. Karkatti, type of cultivation, 149. Karnatak rajas, 4. Kasyeq-gaita (religious headman), 96, 102, 103, 106-7, 110, 130-2, 136, 138-41, 143, 176, 190, 196-205, 284-97. Katakalian, pargana and village, 4, 23, 28, 128. Keskal, village and pass, 23, 193. Khond race, xiii, 220. Killepal, pargana and village, 23, 30, 203. King-crow, 188. Knives, 70, 81-3. Kohana, type of cultivation, 149. Koitor, true name of Gond race, 35-6, 54-5, 147. Kolab-Sabari river, 11, 18, 21, 23-4, 32, 36. Kondagaon tahsil, 16, 24-5, 45-50, 299. Konta tahsil, 18, 23-4, 28-30, 31-2. Koqsar festival, 130, 134-5, 137, 139-41, 185, 201, 220, 248, 290. Korku tribe, 36, 136, 163. Korta Pandum, BHM festival, 218. Kosor, Gondi appellation of Hindus, 71, 106, 292. grain. See Panicum Kosya, miliaceum. Kotapalli-Pamer, zamindari, 4, 31, Koya, race, 4. 5. 24, 35, 37, 44, 47. 53-7-Kuakonda, pargana and village, 4, 23, 28, 122, 128, 162, 204, 220. Kuhrami phratry and clan, 203-4, 281, 306. Kukanar, market village, 32, 162. Kurmer, village, 62-3, 96, 111-12. Kuruk, M fishing tribe, 163-4, 261. Kurum Pandum, BHM festival, 215-18. grain. See Panicum Kulki, miliaceum.

Kutru Mar, pargana, 27, 277, 278, 312. Kutru, samindari and village, 4, 11, 18, 27, 28, 29-31, 162, 163, 202, 288, 299. Kutul, village of Bardal HM clan, 139, 141. Ladders, 153. La's, type of cultivation, 149-50. Lamana'i (suitor serving father for hand of daughter), 107, 250-1. gruel Landa (fermented rice intoxicant), 94, 124, 139, 148, 169-70, 185-6, 210, 252-9, 280, 281, 282. Land revenue, 141-6, 149, 162, 236. Language, 221, 319-30. Lard, 161. Leaf-boxes, 118. Leaves, for cleansing, 66. for clothing, 68. as plates and utensils, 140, 152, 171. Legends, 46, 51, 57. Lekami, clan, 204. Leski, medium, 110, 227, 271. Libations, 170, 216, 222, 252, 253, 273-4, 282. Lightning, 223, 230. death from, 283. Lind, A. A., Manual of Mardia Language, 320, 338. Lingagiri, pargana, 31. Lingo, epic of, 46. Linguistic Survey, 319-20, 337. Log-gods, 42, 197-8, 226. See Clan-god. Lohar. See Blacksmith. Loin-cloths, 63, 65, 69, 71, 77-8. Lowlanders, 40-50, 54-5. Lucie-Smith, Col., author of Chanda (1809) Settlement Report, 22, 40-7, 91, 194, 338.

Magic, 07, 94, 95, 104, 168, 174, 176, 220, 225-8, 272, 280, 283.

Mahra, weaving and menial caste, 37, 05, 291.

Mahua (bassia latifolia): flowers and fruit as food, 124, 151, 175.

liquor distilled from flowers, 139, 151, 109, 170-1, 180, 210, 248-54, 209, 274, 277, 282.

seeds, 124, 107.

tree in religion, 206, 208-9, 274.

word used for charcoal manufacture, 170, 178.

Madness, 202.

Maggots, in wounds, 291.

345 Maize, 148. Maihi (headman), 288. Malkangiri (taluq of Jeypore), 57, Mandai Jatra, festival, 214, 219-20. Mandia, grain. See Eleusine corecana. Mangnar, pargana, 27, 69, 132, 135, 162, 236-8. Mangoes, 151. first-fruits ceremony, 165, 200-11. 282. Manufactures, 65. See Basketry, Brass-work, Ironwork, Knives. Marathas, 5-7, 10-11. Marhan, type of cultivation, 126-7. Maria, general account, 49-50. difference between HM and BHM. 194-5, 220-1, 312-18. Markami, phratry and clan, 204, 306. Markets, 50, 62-3, 71, 73, 117, 124, 136, 144, 153, 162, 163, 174. Marriage, 137, 140, 170, 181, 183, 186, 229, 233-4, 240, 244-62, 269, 293, 294. Marten, the late Mr. J. T., C.S.I., C.I.E., I.C.S., quoted, 34. 286-8. Marvi, phratry, 204, 306. clan, big and small, 203, 281. Mata, goddess and cult, 205-6, 213, 215. Matlaghat hills, 24-5. Mats, 64. May, Mr. James, former Diwan of Bastar State, 17. Meals, 135, 188-9. Measures and measuring, 136, 174-5. Medieval territorial systems, 4, 32-9, Medical relief, 16, 93, 172-4. Medicine, 153, 158, 161, 172, 173-4. 225, 227-8, 270. Mediums, 110, 138, 174, 176, 186, 196, 214, 217, 226-8, 229, 270, 271-2. Megalithic culture of M, xii, xiii. See Cairns, Stones for dead, Stone-seats, Village mother. Melo (BHM equivalent of HM polo). = Taboo, q.v. Memory, 199, 233-4, 265-6. Menhirs. See Departed, memorial stones for.

Menstruation, xii, 65, 104-6, 112.

269, 295.

Mental processes, 65, 92-3.

Meriah ritual, xiii, xviii, 220.

115, 120, 135, 224, 263-4, 265,

Metabhum (' Highlands '), 49. Methodists, 224. Mice, 135, 141, 157, 158. Migrations of tribes, xi, 46, 48-9, 55, 204-5. Militia, medieval paik, 6, 42, 106. Milk, libations, 282. use in purification ceremony, 292. Milking, 162. Milky Way, 230. Mirthul pargana, 31. Mitchell, Dr. W. P. S., M.B.E., State Medical Officer, xix, 174, 166-7 Mitchell, the late Surgeon-Major, 16. Modul-waddai, 57, 289. See Clan-priest. Mohammedans, invasion of Bastar by, 3, 5. Moieties, 235-8. Money, 124, 136, 144. Mongoloid element in M, xii, 317. Monkeys, eaten, 158. Months, names of, 129, 187. Moon, 129, 187, 230. Mountain demons, 206. Mourning, 92, 271, 275-6. Mudang belt, part of female's dress, xii, 65, 71, 265. Murder, 94-5, 168, 187, 226-7, 234, 262, 272, 283, 285, 289, 292, 294, 295. Muria, tribes of Gonds, 6, 16, 37, 83, 84, 286. games, 186-7. general account, 42-3, 48-9. numbers, 49. Jagdalpur Murias, 43-4. Jhoria Murias, 44-5, 308. Gotul Murias, 46-8, 187, 308. Music, 96. Musical bow, 88. Musical instruments, 181-3. Mustard, 148-9.

Nagas (of Assam), xii-xiv, 47, 76, 83.

Nagpur, Central Provinces district, 19, 76, 147, 194, 239, 244.

Nagpur, Lord Bishop of (Rt. Rev. Alex Wood, D.D.), xvi, 194.

Nagvansi Kings, 4.

Nahal, wandering hunters, 88.

Nails, finger, 66.

Nakedness, 65-6, 71, 78.

Names, 95, 265-7, 268, 270, 310-11.

dormitory names, 268-9.

Narainpur, village, 25, 44, 45, 62, 71, 274.

Natural phenomena, 206, 230.

Nature spirits, 166, 206, 230.

Navel-cord, 264-5, 270.

Nelasnar, market village, 163.

Nets, for game, 84, 158, 159-60.
for fish, 164, 165-8.
miscell., 117.

Nicknames, 95.

Nugur village, 102, 106, 111-12, 180, 264, 275.

Nuka Nordana Pandum, festival, 218-19.

Numeration, 129.

Nurbhum, pargana, of Nuroti clan, 26, 33, 162, 268, 276, 278, 304.

Oaths, 96.

Obscenity, at HM dancing, 185, 186. at BHM marriage, 255, 257-8. Offerings to dead. See Departed. Officials: pargana, 52, 284-97. State, 14, 62, 106, 137, 141-6, 289-90. village, 102, 122, 131, 141-6, 284-97. Oil, 151. Omens, 103, 122-3, 211-12, 229-30, 251. Opium, 71. Orcha village, 27, 91, 94, 103, 107, 110, 140, 154, 198, 233-4, 265-6, 274, 279. Ordeal, trial by, 246, 293. Orissa States, 35. Ornamentation, 68, 82, 83, 96, 115. 138, 187. Ornaments, 45, 68, 267, 294, 295. · HM, 71-6, 267, 271. BHM, 67-8, 78-81.

Padalibhum, pargana of Padal clan, 26, 33, 162, 187, 268, 269, 276, 278. Padar Raj, BHM name for Jagdalpur tahsil, 203. Paddles, of canoe, 164. Pagh'i (alternative village site). Šee Village site. Paknar village, 128, 162, 280, 283. Palace service, 42, 43, 49. Palas tree (bulea frondosa), 149. Palm trees, 123, 153.
See also Salphi, Sindi, Toddypalm. Panchayat, xii, 15, 18, 33, 95, 208, 229, 236, 248, 284-97. Panda Baijnath, Rai Bahadur, 39, 235-6.

Panicum frumentaceum (ghatka), 134, 137, 148. miliaceum (kutki), 103, 134, 137, 147, 169-70. miliars (chikma), 134, 137, 148, 215. Panther-trap, 156-8. Paralkot, village and former zamindari, 4, 25, 26, 50. Pargana, territorial division, 5, 6, 15, 22, 26-7, 32-4, 284-97. Parja, tribe, 16, 25, 35, 36, 38-41. Parii, dialect of Gondi, 39-41. Parka, form of cultivation, 126, 147, 150. Parilo clan, 96, 105-7, 162. Parrots, 163, 188. Partition, 294. Paspalum scrobiculatum (kodon). 134. Pastimes, 181-7. Paths, 101. Patwardhan, Rev. S. G., 194-5. Peacocks, associated with the dead, XII, 273. in folk-tale, 326-7. feathers used on arrows, 87. Peda, 102. See Headman and Officials (Village). Pedigrees, 233-4, facing 306. Pen, clan-god. See Clan-god. Penda, shifting cultivation of hill slopes, 126-9. See Agriculture, shifting. Pen-karsita festival, 214, 220. Pen-rawar (clan-god's temple), 106, 138, 140, 194, 204, 217. Perma (BIIM village-priest), 122-3, 105-6, 176, 190, 196-206, 208-20, 242, 289 Pestles. See Grinding. Phratries, 194-5, 202-5, 235-46, 290, 306-7. Physical attitudes, 64, 190. Physical features, xi-xii, 45, 48, 53, 61-2, 312-18. Physical powers, 62-4, 190. Pig-food, 103. Pigs, 138, 101, 267, 278, 281. Pig-sties, 103, 120. Pile-building, 117. Pira-mansha ceremony. See Ceremonies, discase-riddance. Placenta, 204, 205. Plastering, 66-7, 113, 120. Playthings, 187. Ploughing, 95, 122, 125, 127, 148-50, 188.

Poison, for arrows, 160. for game, 160-1. for fish, xiii, 164, 167. Police, dislike of M for, 95, 141. Poll-tax settlement of Abuihmar hills, 50, 126, 136, 141-6. Polo (' forbidden '). See Taboo. Population. See Census. Pork, 27, 161. Poroja, Madras name for Parja tribe, q.v., 35. Pottery, 180-1. drums, 182. Poultry, 103, 104, 117, 161-8. Pregnancy, 223, 230, 263-5, 269-70, 279, 283. Property, 120, 293-5. Pubic hair, 94. Pulses, 134, 135, 137, 148. Purification, 246, 287, 288, 291-3. Python, as food and medicine, 158. Quail, 159, 163. Quivers, 88. Rabies, 174. Racial affinities, xi-xiv, 317-18. Rage, fits of, 94. Railways, 17-18. Rain-bow, 230. Rain-ceremonies, 206. Rain cloaks and hats, xii, 63-4, 76-7, 113. Raja-Muria, 36. Raj-Gond, 36. Rao, Mr. C. Hayavadana, 49 (footnote). Rats, 153, 158. Rau. See Demons. Rawat (cattle-tending caste), 50, 106, 122, 146, 163 Razors, 67. Reaping, 133, 135-6. Rebellions, 14, 16-17, 141, 143. Recreations, 186-7. Reincarnation, 266. Relationship terms, 244-5, 308-9. Rest-houses, 106, 122, 164. Revenge, 94, 187-8. Rheumatism, 173. Rhinoceros, 154. Rice, 25, 38, 102, 118-19, 126, 128, 137, 141-2, 144, 149-50. Rice-beer. See Landa. Rings, 71. in marriage, 245, 256. Roads, 13, 17-18, 24-6, 28-30. Roofs, 114. Ropes, 117, 118, 153. Roy, Mr. R. C., xi-xii, xix, 48, 61. author of Appendix V, 312-18.

Rudra Pratap Deo, the late Raja, Ruling Chief and family, 3-7, 13-15, 42, 142, 193, 198, 286. Running amuck, 94. Russell and Hiralal Tribes and Castes of the Central Provinces, xvi, 5, 46, 113, 115, 142, 193, 194, 224, 229, 235, 239, 240, 243, 260, 266. Sacred thread, sale of right to wear, 39. Sacrifices, 104, 130, 132, 138-41, 165, 169, 190, 208-9, 209-20, 270, 273-4, 277-9, 281-3. Saja tree (terminalia tomentosa), 104, 110, 115, 123, 130, 133, 138, 149, 176, 186, 195, 197-8, 209, 215-16, 219, 273, 274, 279, 282. Salphi tree (sago-palm; caryota urens), xiì, 136, 181. as food, 152, 168. liquor from, 136, 152, 168, 224. Salt, 13, 27, 175. Salutations, 97, 257. Sandals, 70, 117. Sari-bori (village subscriptions), 14, 209, 212, 292, Sawara (tribe), xii, 90. Scarecrows, 133. Sendhia (or Sethia), clan or caste headman, 286-8, 292. Service for bride, 107, 250-1. Sexes, segregation of, 65-6. Sexual continence, 109, 113, 133, 134-5, 137, 138, 208, 211. Sexual intercourse, xii, 65, 109, 113, 133, 134-5, 186, 213, 224, 263, 268-9. Sexual training, 268-9. Shaving, 67, 200, 202. Shields, dancing, 45, 52, 75-6, 118, -275. Shyness, 91-2, 144. Sickles, 135. Silk, 82, 86, 153. Sindi tree (date-palm), 169. Singing, 96, 184-6, 255-8, 269, 327-30. Skin diseases, 70, 173.

Sleeping, 64, 65, 112-13, 117, 118, 120, 124. in fields, 63, 109, 132-3, 134. Smallpox, death from, 279, 283. See also Vaccination. Smelting. See Ironwork. Snakes, as food and medicine, 158, Social offences, 286, 291-2. Social organization, 233-43, 300-7.

Sodi, phratry and clan, 204, 24c 241, 242, 306. Sonpur Mar, pargana, 26, 33, 162 275, 276, 277. Sores, 172. Sororate, 245. Sowing, 127, 129, 133-4, 135, 147-8 149-50. See also Ceremonies. Spears, 84, 160. Squirrels, flying, 158. Stacks, 133, 136. Stars, xiii, 230. Stilts, xii, 140, 187. Stone-seats, xii, 96, 102, 130, 141 290. Stones for dead, xii, 45, 96, 139, 163 170, 200-1, 223, 225, 243, 273 83. for dead panther, 154. Strangers, attitude towards, 27 91-3, 95. Streets, village, 102, 120. Stringed instruments, 88, 182-3. String figures, 186. Subscriptions. See Co-operation and Sari-bori. Sukma, zamindari, 4, 18, 24, 28, 32, 36, 39, 299. the late Zamindar, 174. Sun, in ceremonial, 210. considered a man, 230. Survey, of India, 22, 56, 299. Swastika, 74, 96, 115. Syphilis, 172. Taboos (HM polo, BHM melo), xiii, 62, 64, 106, 109, 112, 113, 114, 115, 133, 134, 135, 136, 137, 138, 139, 140, 141, 144, 181, 182, 207, 208, 219, 224, 239, 263, 264-5, 269-70, 271, 276. Tales, 269, 322-7. Tally-strings, 187-8. Tamarind tree, 151. Tangri Dongri hills, 24, 30. Tanks, 146-7, 150. Tapalibhum, pargana of Tapa clan, 22, 26, 33, 162, 187, 268, 275, 277, 303, 304. Tattooing, 62, 74. Teeth, 62. Teknonymy, 244. Telam village, 120-1. Telanga (Telugu) race, 5, 24, 220-1. Teli traders, 102, 239. Telinghat hills, 24. Telugu influence, 5, 24, 53-7, 220-1. Thatching, 103, 115, 120, 123, 269. Theft, 95, 163, 215. Thekadari system, xi, 14, 18, 142-3.

Threshing, HM, 136; BHM, 137. Urine, as bait for hares, 155. Thunder, 230. Uriya language, Bhattri dialect of, Thurston, Tribes and Castes of 38. Southern India, quoted, 54. Usendi clan, 140, 198, 201, 233-4. Tigers, as avengers of offences, xiii, 236-8, 265-6, 269, 272, 289, 300, 305. eating of animals killed by, 162. Usendi Moda of Orcha, xix, 233-4. method of hunting, 159-60. 247, 265. pedigree, facing p. 306. poisoning, 160-1. persons killed by, 279, 283. Utensils, 66, 124, 132, 170. Time, reckoning of, 187-8. Tiralgarh hills, 283. Vaccination, 16, 93. Tirathgarh, village, 4, 28. Vegetables, 119, 135, 148, 152. seat of legendary tailed kings, 4, Vendettas, 94-5. Venereal disease, 173. Tobacco, 102, 118, 119, 148. Village, 60. Tobacco boxes and tubes, 70. HM, 101-10. Toddy-paim (borassus flabellifer), BHM, 118-23. 151-2. sold by one clan to another, 201. as food, 168, Village mother, goddess and cult, sacrifices to, 220. 9, 39, 96, 104, 105, 106, 110, tapped for liquor, 168-9. 118, 123, 130, 133, 135, 138-9, Tokalor (Tailed) clan, 69, 135, 237, 140-1, 155, 161, 169, 195-7, 304. 201, 205-6, 212, 219, 242, 265, Tomatoes, 148. 272 Tondawada village, 91, 95. Village shifting, 66-7, 103, 107-10, Tools, 81-90, 132. 119, 122-3, 291. Toothpicks, 79. Village subscriptions. See Co-Totemism, general, 204, 207. operation and Sari-bori. among Bhattras, 39. Vine, wild, 170. BHM, 204, 240-2. Virginity, lost before marriage, 247. Dorlas, 240. Vizagapatam Agency, HM, 239. Presidency, 3, 17. Murias, 43, 235 See Teypore. See also Appendix II, 300-7. Vizagapatam Gazetteer, 39. Toys, 186. Waddai (clan-priest), 57. Trapping, 154-61. as headman, 289. Traps, for birds, 153, 158. as magician, 226-8. for deer, 155-6. as soothsayer, 229, 271-2, 283. for fish, 104-5. Walls, of houses, 114-15, 117. for bares, 155. Warangal, city and district, Hyderfor panthers, 156-8. abad State, 3, 4, 38, 39. Trench, Mr. C. G. Chenevix, C.I.E., Warmth, 113, 118, 132, 164. I.C.S., Gondi Grammar, xvi, Washing, 65-7, 138, 270. 241, 244, 321-2. Watching crops, 129, 132-3. Truthfulness, 95-6, 144. Water-drawing, from river, 189; Tulagotai, pargana, 22, 33, 275, 276, from wild vine, 170. Waterfall-demon, xiii, 207. Tulsidongri mountains, 24, 32, 36. Water-goddess, 106, 206. Tumirgunda, village of Tamo clan, Wattlework. See Fencing. 52, 199, 200, 305. Wax, use in cire perdue process, Turbans, 70, 74-5, 78. 179-80. Weaning, 219, 267, 270. (headman's dolmen Udam-garia Weapons, 81-8, 132. sent of honour), xii, 96, 102. Weaving, 65, 97. 106, 130, 141, 290. Wedding, 229, 249-50. ' Uplift', 70, 78. Wede (magician), 174. See also Hinduization. Urad, a pulse (phaseolus radiatus), Whetstones, 82, 83. Whistling, 'swi', 94. 134, 137, 148. Wicker-work, 101, 112, 117, 123. Urinating, 64, 155.

INDEX

350

Widows, 144, 244, 245, 294; widow-marriage, 244, 245, 260-1, 294.
Wife-beating, 259, 262, 295.
Wills, Mr. C. U., I.C.S., 4, 33, 290.
Winnowing, 135, 136.
Winnows, 117, 136, 140.
Witchcraft, 168, 176, 198, 225-8.
Women, 62-3, 135-6, 151-2, 174, 189, 224.
debarred from attendance at sacrifices, 197, 211, 213.
cook first-fruits, 216.
property and status, 294-5.

Wood, The Rt. Rev. Alex, Bishop of Nagpur, xvi, 194.

Xylophone, xiii.

Yams, 90, 97, 124, 152. Yaws, 48, 93, 172-3. Yete clan, 239, 303.

Zamindaris, 4, 10, 11, 15, 32, 143 286, 288, 299. Zigzag stockading, 132.