THE MARIA GONDS OF BASTAR


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

# THE MARIA GONDS OF BASTAR 

By<br>W. V. GRIGSON

Indian Cidil Sarvice

WITH AN INTRODUCTION BY<br>J. H. HUTTON<br>C.I.E., D.Sc.,<br>Professor of Social Anthopology in the Uninersity of Cambridge

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# To the Peoples of Bastar AND <br> To my Companions in Bastar 1927-31 

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## 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 anthropo-logically-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 Cond 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-anstraloid' by Sewell and Veddaic by others-Eickstedt calls it 'Veddid'-which is dolichocephalic, prognathous and

## INTRODUCTION

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 flie objection Zo 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-spéaking 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 doimen 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 Paciic. 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. This
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 Rayan 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 Fouschold 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 arevisited 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 Angami. The capture of fish by beating noxious or intoxicating 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 IIth, 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. The 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 furce prohibition upon the Bhil, the Gond and the Kiorku.

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 193I 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 1929-3I 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 geneological method. My work made it impossible for me to be in Maria 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 friendier 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-yaws 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 diajects. 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 in court and association with tribesmen in village and camp; anc thus, though never able to dispense with an interpreter, I coulc 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 cart than the training of interpreters. I am especially grateful for the help, as interpreter and as enquirer, of the late Circle Inspecto: Chaitan Singh, of the State Police, a Bastar Rajput with all the traditional virtues of the Rajput. Descended from an anceston 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 Bastax 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 Roy, 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. Requiescal!

## Polperro

September $19 t h, 1936$
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.

[^0]
## PART I

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

## Appendix I

## Administrative Divisions of Bastar State

Tahsils:

| Jagdalpur | .. | .. | . | 1,996 | 198,640 |
| :--- | :--- | :--- | :--- | ---: | ---: |
| Kondagaon | . | . | .. | 1,880 | 83,992 |
| Antagarh | . | . | . | 2,885 | 51,703 |
| Dantewara | . | . | . | 1,016 | 75,872 |
| Konta | . | . | .. | 1,336 | 14,206 |
| Bijapur | . | . | .. | 989 | 24,135 |

## Zamindaris :

| Kutru | . | . | 1,360 | 14,836 |
| :---: | :---: | :---: | :---: | :---: |
| Bhopalpatnam | . | . | 720 | 17.596 |
| Sukma |  | . | 650 | 40,175 |
| Kotapalli-Pamer |  | . | 230 | 1,132 |
| Total | .. | . | 13,062 ${ }^{\text {² }}$ | $522,283^{2}$ |

[^1]
## 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 <br> Kutru Mar <br> Kirangal (not Hill Maria but Gotul Muria) <br> Chanda District | Orcha <br> Japgunda <br> Hoinar (d) <br> Juwada <br> Dugarli <br> Bagom <br> Thadur <br> Machan <br> Duseli <br> Kejang (d) <br> Uragonda (d) <br> Michwada <br> One or two villages <br> ? | Wikir Hunga (kept at Japgunda. but brought to Orcha for festivals) <br> None ? <br> $?$ | Goat |
| Wadder | Chhota Dongar <br> Bhomira (Muria) <br> Chanda District, and Kutru S. of Indrawati | Dhanora Jori <br> Hikpulla <br> Kodeli <br> Perilmeta <br> Rengabera <br> Kurselhur <br> (d) <br> Kaunde and others, and Madhepar and a few more in Kutru | Worship the Usendi god Wikir Hunga of Japgunda <br> Use Dokra of Kurselhur Kuwo-Gundo of Kaunde | None |
| Korami | Chhota Dongar | Hirangai Verma | Worship the Usendi god of Japganda | 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 Wadder) | Pandu Hunga of Jhori, elder brother of Wikir Hunga, the Usendi god | None |
| Jugho, alias karme (plural) Jughalor) | Chhota Dongar <br> Bhairamgarh Mar | Adeq <br> Karanmeta <br> (d) <br> Akmeta (d) <br> Maspur (d) <br> Nelanar <br> Makawada <br> Gomagal <br> Hasnar <br> Rainar <br> Gapa (d) <br> Ituinar | Worships the Usendi god Wikir Hunga of Japgunda <br> Say would worship Wikir Hunga if still in Chhota Dongar pargana, but no need as now in Kutru zamindari | None: <br> the name Karme said to mean 'sunset', the ancestor of clan having been born then |
| Dhurwa (almost a branch of Jughalor) | Chbota Dongat | 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 |

APPENDIXES

| Clan | Pargana | Villages | Clan-god | Totem |
| :---: | :---: | :---: | :---: | :---: |
| Dol fyounger 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 extinct: one house in Orcha | Do. | None |
| Poyami | Do. | Kundali fone house) | Do. | None |
| Gecha | Do. <br> Mangnar | $\begin{aligned} & \text { Udala Tonda } \\ & \text { wada } \\ & \text { Wetekal (d) } \end{aligned}$ | Do. | None. Name means ' sluggard ' clan |
| Neghal | Chbota Dongar | Bhera Tonda- wada | Do. | Panther |
| Ahkal | Do. | Gudadi | Do. | None |
| Ete ${ }^{\text {P }}$ | Do. | Kondakoti |  | ? Crab |
| Boka | Do. | Dondrewada <br> Bokalur | f Kurmer | None |
| Kohia | Chbota Dongar | Mandali <br> Kushnar <br> Batwada <br> Kostari <br> Gumter <br> Hoinger <br> Devanar <br> Kerinar <br> Irpenar. | Mu'ima Kohla Pen of Batwada | $?$ |
| Padal | Padalibhum | All the par- | Gumtuli Muttai, of Adnar | None |
| Kumoti | Chhota <br> Dongar | Almost extinct; 2 houses in Hasnar, I in Rainar | None | None |
| Jăti | Jatwara | Most of the pargana | ? | ? |

' Ete is probably the same as Yete, a Kutru Mar clan.

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| Clan | Pargana | Villages | Clan-god | Totem |
| :---: | :---: | :---: | :---: | :---: |
| Boter | Kutru Mar | Boter | None | None |
| Wachanu | Kutru Mar and Ahiri (mostly Indrawati valiey) | Kumharmeta <br> Markanar <br> Irkapal <br> Karkelli <br> Bodeli <br> and some <br> Ahiri <br> villages | Wachami Moitto Pen of Kumharmeta | ? |
| Mohanda | Kutru Mar | Lakka <br> Hingmeta <br> Bhuri <br> Puslakka | A god at Lakika | ? |
| Oymmi | Bhairamgarh Mar | Komu Kalhaza Malahanar (d) | None | None |
| Mohke | Do. <br> Chhota Dongar | 2 houses in Kalhaza Albera (d) | None | None |
| Yete | Bhairamgarh Mar | Hoinar | None | Crab |
| Pungati | Do. | 2 houses in Ader (Kutru) | None | ? |
| Bardal | Bardal <br> Tapalibbum | Whole pargana Ranimarka | Hurra Mu'iya of Kornã | None |
| Farsal | Farsal <br> Bhairamgarh | Whole pargana (13 inhabited villages) Bheriabhum | Kodo Mo'itto of Dhurwads <br> None | None |
| Goual | Hukkagotal <br> Tulagotal <br> Farsigotal | Whole pargara (9 inhabited villages) <br> Whole gargana 19 inhabited villages) <br> Whole pargana (5 inhabited villages) | Pahanleya Muttari of Toinar in Tulagotal Do. <br> Top Mudya of Mohandi. said to be younger brother of Pahanley's husband | None <br> None <br> None |

APPENDIXES

| Clan | Pargana | Villages | Clan-god | Totem |
| :---: | :---: | :---: | :---: | :---: |
| Tapa | Tapălibhūm (Chbote Mar) | Nearly all the villages of the pargana | Riksa Pen of Dodrimarka in Tapalibhum | None |
| Nughoti, alias Nuroti | Nurbhum <br> Jătwara Tapalibhum | All pargana but Turko Kohkameta Markawada Hachekote | ? | None |
| Hichami | Nurbhum | Turko | The Nughoti god | ? |
| Parllo | Kutru Mar | Dodmarka Karangul Nugur Ader (Kutru) Padmeta | Koruk Pen of Karangal and Nugur | Goat |
| Jata | Kutru Mar Chhote Dongar | Jatalur <br> 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 |
| Jate (plural, Jaterom) | Mangnar | Mornar | Pat Raja | The Jăte grass used for making brooms to sweep the god's shrine |
| Tokalor | Mangnar | Erpanar | Do. | The toka or flap of loincloth left to hang behind like a tail |
| Hukur | Mangnar | Erpanar | Do. | The $h u k$ or basketry ladle used to stir rice cooked at the god's shrige |


| Clan | Pargana | Villages | Clan-god | Totern |
| :---: | :---: | :---: | :---: | :---: |
| Marvi | Mangnar | Tokhtoll Kuwer Modangwada Moghori | Mããá-măgh. Pat Raja's sister's son or báranjal. They get leave from Pat Raja to hold his nephew's festivals | ? |
| Tamo | Dantewara Mar | Tumirgunda Padmeta | Hurra Gunda Moitto of Tumirgunda | None |
| Atami | 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 <br> Bhairamgarh | Toinar <br> Handawada <br> Hikul <br> Thakawada <br> Paralnar <br> Prinkapal <br> Kodokal <br> Hitawada <br> Kunjewada <br> Goti <br> Dunga <br> Pariakot | Verma Mo'itto Pen of Toinar. The waddai is Jate by clan <br> None | None |
| :---: | :---: | :---: | :---: | :---: |
| Alami | Mangnar | Nendur <br> Gatla | Attend festivals of Pat Raja, god of Jaterom at Mornar | Chameleon (alåm) |
| Nonde | Mangnar | Rotad | Do. | Rope |

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

Bison-horn Marla Prratries and Cians

| Phratry | Totem | Clans | Totem |
| :---: | :---: | :---: | :---: |
| 1. Marvi | Goat (Dantewara Jagdalpur) Cobra (Sukma and Konta) | Barse <br> Biryá Mãrvi <br> Chudala Mãryi <br> Dôdi <br> Hémiă <br> Kuppe <br> Oyămi <br> Pédām: <br> Tamo | Tortoise |
| 2. Kuhrāmi or Kadiãri | Cuckoo ( ${ }^{(a d i a ̄}+\bar{i}$ ) | Budãdi <br> Gaddi <br> Kartami <br> Kuhrāmi (or Karảmi) <br> Kanjami <br> Lêkămi <br> Poriàmi <br> Rawa <br> Veko <br> Wetti | Hornbill (karon) <br> Do. <br> Screech-owl (kunje-pitte) <br> Buffalo |
| ${ }^{\text {3 }}$. Soidi or Odi | Tiger | Biryā Sōdt Chudalā Sōdí Oika | Buffalo <br> Do. |
| 4. Markatmi | Tortoise | Atiami (or <br> Aträmi) <br> Bale <br> Batē <br> Bhōyämi <br> Birya Markami <br> Chudala Markami <br> Dúdhi <br> Dumo <br> Durro <br> Gonche <br> Kalmu <br> Karte (or Kandte) <br> Kikder <br> Miniyãmi <br> Neidi <br> Nupo <br> Poyāmi <br> Tâtu (or Tãmti) <br> Telami <br> Tikder <br> Undămi | Atra, the flower of the phulbehari grass <br> Goat <br> 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
Brson-horn Marla Peratries and Clans

| Phratry | Totem | Clans | Totem |
| :---: | :---: | :---: | :---: |
| 1. Marvi | Goat (Dantewara Jagdalpur) Cobra (Sukma and Konta) | Bärse <br> Biryá Māni <br> Chedaláanani <br> Dódí <br> Hêmian <br> Kuppé <br> Oyảmi <br> Pēdãmi <br> Tamo | Tortoise |
| 2. Kuhrami or Kadiani | Cackoo <br>  | Budãdi <br> Gaddi <br> Kartimi <br> Kuhrami for Karami) <br> Kunjảmi <br> Lêkani <br> Poriàmi <br> Rawa <br> Veko <br> Wetti | Harnbill (nam <br> Do. <br> Screech-awl <br>  <br> Buffalo |
| 3. Sōdi or Odi | Tiger | Biryà Sōdi Chudala Sōdi Oika | Buñalo Do. |
| 4. Markāmi | Tortoise | Atāmi (or Atrāmi) <br> Baye <br> Bote <br> Bbōyãmi <br> Biryã Markāmi <br> Chudala Martāmi <br> Dudhi <br> Dumo <br> Durro <br> Gonche <br> Kaimu <br> Karte (or <br> Fandte) <br> Kikder <br> Miriyami <br> Neñi i <br> Nupo <br> Poyami <br> Tàtion Támbit <br> Tēlani <br> Tikder <br> Undami | Atra, the flower of the finubehari grass <br> Goat <br> Buffalo |

${ }^{3}$ The tiger was the original totem, and the clan is still spoken of as the tiger-race: but the tigers have broken the legendary rale that no tiger wald attack a Sodl, and the Sodis retaliate by joining in tiger-beats and adoptiag the boffalo $a s$ their totem instead of the tiger.

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| Phratry | Totem | Clans | Totem |
| :---: | :---: | :---: | :---: |
| 5. Kawăgl or Wanjami | Tortoise | Berta <br> Dirdōd <br> Kawảsi <br> Muchaki <br> Mură mi <br> Padami <br> Urve <br> Wanjămi |  |

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

## Appendix III <br> Hill Maria Terms of Relationship

（These ave terms of reference；but see \＄．244）

| Father | tăppe | Son Daughter | māghi miàri |
| :---: | :---: | :---: | :---: |
| Mother | talugh，awa | Son | mäghi |
|  |  | Daughter | miāy |
| Stepfather | kākā］ | Stepson | maghi |
| Stepmother | Auchis | \｛ Stepdaughter | miäri |
| Elder brother（m．s．） | dādà | Younger brother （m．s．） | tamb |
| Elder brother（w．s．） | $d \bar{a} d \bar{a}$ | Younger sister （m．s．） | hellay |
| Elder sister（m．s．） |  | Younger brother （w．s．） | tamo |
| Elder sister（w．s．） | $\Delta k k d$ | $\begin{gathered} \text { Younger sister } \\ (\text { w.s. }) \end{gathered}$ | camo |
| Father＇s elder brother <br> Father＇s elder <br> brother＇s wife | pepi | Younger brother＇s child（m．s．） | mâghi |
|  | pors | Elder brother＇s |  |
| Father＇s younger brother <br> Father＇s younger | k $\bar{a} k \vec{a}$ | child（m．s．） <br> Husband＇s broth－ er＇s child | micira（f） |
| brother＇s wife | 品uchi |  |  |
| Father＇s elder brother＇s son | d $\bar{a} d \bar{a}$ | Father＇s younger brother＇s son | tamd |
| Father＇s elder brother＇s daugh－ ter | ange | Father＇s younger brother＇s daughter | hellay |
| Father＇s sister（elder or younger） | āto | Brother＇s son（w．s．） | pedes |
| Father＇s sister＇s husband | bachā | Wife＇s brother＇s san | māmà |
| Father＇s sister＇s child | marrigd（m） mandā̄i | Mother＇s brother＇s child | mayyiyŏ（m） <br> mandā̄i（I） |
| Mother＇s brother | manaă ${ }_{\text {max }}$ | Sister＇s child（m．s．） | mandari bachã（m） |
|  |  |  | bachi（ f ） |
| Mother＇s brother＇s wife | －10 | Husband＇s sister＇s child | hanemāghi（m） hanemiāry（f） |
| $\left.\begin{array}{l}\text { Mother＇s brother＇s } \\ \text { child }\end{array}\right\}$ | marriyö（m） mandār（f） | Father＇s sister＇s child | maryiyó（m） mandäri（f） |
| Mother＇s elder sister Mother＇s younger sister | ${ }^{\text {i }}$ | Younger or elder |  |
|  | kuchi | sister＇s child <br> （w．s．） | măghi（m） <br> m竝言（f） |
| Mother＇s sister＇s |  |  |  |
| busband | $k a k a ̀$ |  |  |
| Father＇s father． | ょäd | Son＇s son（m．s．） | tame |
|  |  | Son＇s daughter （m．s．） | hellă |
| Father＇s mother | bapi | Son＇s son（w．s．） Son＇s daughter （w．s．） | wando |



## Appendix IV

Names of Men and Women


APPENDIXES
(b) Bison-horn Marias

Men (236)
Aitū
Arti
Bagha
Batha
Bakka
Banda
Bandl ( I 4 )
Bela
Bhima (3)
Bōda (3)
Bongri
Borte
Budht
Bugri
Burrà
ChalkI
Chamra
Chêwă (4)
Chala
Dexa (9)
Dbarwa (6)
Dog!
Dogort
Doká (2)
Dole (2)
Dome (2)
Dora (3)
Dugg!
Dulla
Dūma
Ediâ
Ganga (6)
Ghast
Goge (8)
Gudd
Gunda
Gurdam
Harmá ( 10 )
Harra
Hiria (2)
Hirma (7)
Hunga ( $\mathbf{0}$ )
Hurta (5)
indanobk
Indar
joga
Janga
kama (3)
Kåna
Kanna
Kesss (2)
Khja
Khótia
Kohla
Kola (5)
Konda
Kopa (3)
Kosa (iI)
Kbye
Kummã
Kutta (2)
Lakhmû (2)
Lakka
Linga
Malla (2)
Mangnl
Marka
Masa (25)
Mata
Medho
Maka (8)
Munda
Mundrā (4)
Women (68)
Aita
Bande (2)
Bange (4)
Bhairé
Buache (3)
Budhal (2)
Bulli
Dóme (2)
Eré (4)
Galphe
Gangi (7)
Hirme
Jimmé (3)
Kămê (3)
Kosi (4)
Mase ( x )
Mukke (2)
Muki (8)
Mutti
Pili (2)
Pirl (2)
Sukri
Mutta TorkI
Nad!
Nanda (4)
Nanga
Panda (3)
Pandrū
Pisori
Podiá (2)
Ponart
Pota (2)
Rama
Ramo
Risảmı
Roda
Saniasi
Sikka
SIma
Singa
Sukta
Sulpa
Tangra
Tikrù
Toka
U'ika
Osa (2)
VeddI
vela (5)
Vetale
Wangre
Wodi
N.B.-The numbers in brackets indicate the number of persons bearing the name indicated in the total 236 men and 68 women talen into account. No number is given when the name occurs only once.

## Appendix V

## Anthropometric Analysis of the Hili and Bison-horn Marias

By Mr. Ramesh Chandra Roy, M.Sc., B.L.,<br>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-hom Marias are generally of medium stature, though tall and short individuals are not uncommon. The

General description mean heights of those measured were 162.7 cm . Hill, and $16 \mathrm{r} \cdot 7 \mathrm{~cm}$. Bison-horn Maria. They are very 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, 9 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 roo Hill Maria foreheads 16 were straight, 57 slightly
retreating and 27 retreating. The corresponding figures for 50 Bison-horn foreheads were 4,35 and Ir. The supra-orbital ridges are not generally as well developed as those of some other PreDravidian 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 results ${ }^{1}$ :-

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

|  |  | Hill Maria Bison-horn Maria |  |  |
| ---: | :---: | :---: | :---: | :---: |
| Dolichocophalic | $\cdots$ | $\cdots$ | 75 | 30, or $60 \%$ |
| Mesocephalic | $\cdots$ | $\cdots$ | 22 | 17, or $34 \%$ |
| Brachycephalic | $\cdots$ | $\cdots$ | 3 | 3 or $6 \%$ |
|  |  |  | 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 68.8 to $86 \cdot 0$.

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

|  |  | Hill Maria |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Bison-horn Maria |  |  |  |  |
| Hypsicephalic | $\because$ | $\cdots$ | 77 | 36, or $72 \%$ |
| Orthocephalic | $\because$ | $\cdots$ | 18 | 14. or $28 \%$ |
| Platycephalic | $\cdots$ | $\cdots$ | 5 | Nil |
| Total | $\cdots$ | $\cdots$ | 100 | 50 |

[^2]Altitudinal Index averaged $65 \cdot 11 \pm \cdot 24$ for Hill Marias, ranging from $55 \cdot 3$ to $78 \cdot 3$, and $64 \cdot 8 \mathrm{r} \pm \cdot 3 \mathrm{r}$ for Bison-horn Marias, ranging from $58 \cdot 3$ to $7 \times \cdot 7$.

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

|  |  |  |  | Hill Maria Bison-horn Maria |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Leptorrhine | . | . | $\ldots$ | 8 | 1, or $2 \%$ |
| Mesorrhine | $\cdots$ | $\cdots$ | $\cdots$ | 58 | 30, or $60 \%$ |
| Platymbine | $\cdots$ | $\cdots$ | $\cdots$ | 34 | 19, or $38 \%$ |
| Total | . | $\cdots$ | 100 | 50 |  |

The Hill Maria nasal index averaged $8 \mathrm{I} \cdot 5 \mathrm{I} \pm \cdot 48$, ranging from $6 \mathrm{I} \cdot \mathrm{I}$ 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. ${ }^{I}$ The classification of the men measured was:-


The Hill Maria morphological facial index averaged $85.63 \pm \cdot 33$, ranging from $73 \cdot 4$ to $97 \cdot 4$, and the Bison-horn Maria $84 \cdot 6 \pm \cdot 36$, ranging from $76 \cdot 1$ to $96 \cdot 7$.

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 Hill and Bison-horn Mariss Marias are a littie lighter in skin colour than the Marias. But if we look to the comparative tables (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

[^3]
## Table I

Statistical Analysis of Anthropomptric Measurements of 100 Adult Male Hill Marias

Measurement \begin{tabular}{c|c|c|c|c|c|c|c}

\& Unit \& Mean \& \begin{tabular}{c}
Prob－ <br>
able <br>
error of <br>
mean

 \& 

Stan－ <br>
dard <br>
devia－ <br>
tion <br>
able <br>
error of <br>
stan－ <br>
dard <br>
deviant of <br>
daria－ <br>
tion

 \& 

Prob－ <br>
able <br>
error
\end{tabular} <br>

of <br>
ofria－ <br>
tion
\end{tabular}

## Absolute Measurements

| Stature | . cm | 162.70 | $\pm$＊ 37 | $5 \cdot 56$ | $\pm \cdot 27$ | 3＊41 | $\pm$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Head he | mm． | 119.93 | 士＊46 | $6 \cdot 79$ | $\pm \cdot 32$ | 5.66 | 27 |
| Head |  | 185.39 | $\pm$＊ 1 | $6 \cdot 11$ | $\pm \cdot 29$ | ． 30 | $\pm \cdot 18$ |
| Head bread |  | 138.71 | $\pm{ }^{\prime} 3^{\circ}$ | 4．51 | $\pm \cdot 2 I$ | ． 25 | 15 |
| Least frontal breadth | mm | 101.66 | $\pm \cdot 29$ | $4 \cdot 44$ | $\pm$－2I | － 36 |  |
| Bizygomatic breadth |  | 132．1 | $\pm$ | $5 \cdot 54$ | $\pm \cdot 26$ | 4．19 |  |
| Bi－gonial |  | 88.03 | $\pm .40$ | $5 \cdot 93$ | $\pm \cdot 28$ | $\cdot 74$ | －32 |
| Inter－orbital lengt |  | $32 \cdot 23$ | $\pm \cdot 17$ | $2 \cdot 58$ | $\pm>12$ | $8 \cdot 00$ | $\pm .32$ |
| Hi－orbital length |  | $94 \cdot 6$ | $\pm \cdot 30$ | $4 \cdot 38$ | $\pm \cdot 21$ | ． 63 | － 22 |
| Nasal |  | $4^{8 \cdot 97}$ | $\pm \cdot 23$ | 3.45 | $\pm \cdot 16$ | $\cdot 04$ | －34 |
| Nasal breadth |  | $39 \cdot 68$ | $\pm \cdot 17$ | 2.46 | $\pm \cdot 12$ | $6 \cdot 20$ |  |
| $\mathrm{N}$ | mm | $16 \cdot 33$ | $\pm \cdot 12$ | $1 \cdot 78$ | $\pm \cdot 09$ | $10 \cdot 90$ | －53 |
| Nasion－prnsthion length ．． | mm ． | 65.60 | $\pm \cdot 29$ | $4^{122}$ | $\pm{ }^{\prime} 20$ | 9.26 | $\pm * 4$ |
| Nasion－gnathion | mm． | 113.22 | $\pm * 43$ | $6 \cdot 30$ | $\pm \cdot 30$ | $5 \cdot 56$ | $\pm+27$ |
| Nasal are |  | 110.05 | 士 40 | 5.87 | 土 28 | $5 \cdot 33$ | $\pm * 25$ |

Indices

| cep | ． | － | － | 76．16 | $\pm \cdot 22$ | 3－30 | $\pm \cdot 18$ | $4 * 33$ | $\pm$－2I |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Altitudinal |  |  | － | 65. | $\pm .24$ | 3.57 | $\pm \cdot 17$ | $5 \cdot{ }^{8}$ | $\pm \cdot 26$ |
| Nasal |  |  | － | 81.5 | $\pm \cdot 48$ | 7.06 | $\pm .34$ | 8.66 | $\pm .41$ |
| Facial | ． | $\cdots$ | － | 85.63 | $\pm \cdot 33$ | 4.93 | $\pm \cdot 23$ | 5，73 | $\pm \cdot 27$ |

Table II
Statistical Analysis of Anthropometric Measurements of 50 Adult Male Bison-horn Marias

| Measurement. | Unit | Mean | Prob- able error mea | Standard deviation | Prob- able error of stan- dard devia- tion | Coeff cient of variation | $\begin{gathered} \text { Prob- } \\ \text { abbe } \\ \text { arror } \\ \text { of } \\ \text { varia- } \\ \text { tion } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Absolute Measurements

| Stature | cm . | 161.70 | $\pm \cdot 47$ | 4.90 | $\pm \cdot 33$ | 3.05 | $\pm \cdot 21$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Head height | mm. | 117.14 | $\pm \cdot 47$ | 4*90 | $\pm \cdot 33$ | $4 \times 18$ | $\pm \cdot 28$ |
| t | mm. | 181.3 | $\pm \cdot 52$ | $5 \cdot 50$ | $\pm \cdot 37$ | 3.03 | 20 |
| Head breadth | m | $138 \cdot 46$ | $\pm \times 53$ | 5.53 | $\pm \cdot 37$ | 3.99 | $\cdot 27$ |
| Least frontal breadth | m | $100 \cdot 16$ | $\pm \cdot 36$ | 3.77 | $\pm \cdot 25$ | $3 \cdot 74$ | 25 |
| Bizygomatic breadth | mm. | $130 \cdot 68$ | $\pm$ * 49 | 5.10 | $\pm$ *34 | $\cdot 90$ | $\pm .26$ |
| Bi-gonial breadth |  | 86.50 | $\pm \cdot 43$ | 4.54 | $\pm * 31$ | 5.35 | $\pm \cdot 35$ |
| In |  | 30*44 | $\pm{ }^{\circ}{ }^{\circ}$ | 3.18 | $\pm \cdot 21$ | 10.45 | $\pm \cdot 72$ |
| B |  | $92 \cdot 82$ | $\pm \cdot 34$ | $3 \cdot 60$ | $\pm \cdot 24$ | $3 \cdot 42$ | . 23 |
|  |  | 49.04 | $\pm \cdot 3 \mathrm{I}$ | 3.24 | $\pm \cdot 22$ | 6.61 | - 45 |
| Nasal breadth |  | $39 \cdot 84$ | $\pm \cdot 25$ | 2.57 | $\pm \cdot 17$ | $6 \cdot 4$ | - 44 |
| Nasal heig |  | 15.86 | $\pm \cdot 17$ | 1.74 | $\pm \cdot 12$ | $1 \cdot 10$ | $\cdots$ |
| Nasion-prosthion length .. |  | $63 \cdot 8$ | $\pm \cdot 37$ | $3 \cdot 87$ | 士.26 | 6.06 | $\pm \cdot 41$ |
| Nasion-guathion |  | 110.40 | $\pm \cdot 46$ | $4^{-81}$ | $\pm \cdot 32$ | $4 \cdot 38$ | $\pm \cdot 30$ |
| Nasal arc | mm. | 107.92 | $\pm \cdot 45$ | $4 \cdot 66$ | 士•3I | $4 \cdot 32$ | $\pm \cdot 29$ |

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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

Racial
Affinities 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. Haddon ${ }^{1}$ 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 Dravidian ${ }^{4}$ group in all essential characteristics, namely dolichocephaly, medium stature, oval face, mesorrhiny, plentiful wavy or curly hair, and brown skin of varying shades.

[^4]It may thus not be unreasonable to infer that a basic preDravidian (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 Alpinic ${ }^{\text { }}$ 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.

## 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 Abujhmar hills, but probably among the Bison-horn Marias of Dantewara and Bijapur tahsils. 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. The 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 $g h, k h$ 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 o and ă respectively, as in ghatö 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 $g h$ and $k h$, corresponding to Arabic ghain and the, are often 'interchanged with' $r$ and $y$ respectively, meaning that where the Hill Maria e.g. calls his bark cloak taghali, the Bison-horn Maria will say tarālí. He points out also the existence of a gutturalized h , which is pronounced almost like $k h ;$ for example the verb vehna $\bar{a}_{\text {, }}$ to say, is by many Hill Marias pronounced practically as vēkhnā, 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-hom 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 o as in when
    .. long e as the ea in great
    ., short i as in bit
., long i as ee in meet
.. short o as the first o in bottom
., longo 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 -5 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 Dortơna, m I am tired, first person singular perfect tense of Dorrana, $=$ to be tired, is strongly rolled, it is written single. This tripping $-\mathbf{r}$ 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 ras r. (The Hill Maria goes further, and gutturalizes $\boldsymbol{F}$ 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.'
(c) It is doubtful whether initial o or exist in the language. 'There is always a faint w sound before the 0 , and generally a half-uttered y precedes 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 0 to final $t, t, d$, $d$ and 1 . Adu is ofton heard for ad, olŭ for ol, ammátu for ammat, takala for tảkal, the third person neuter singular of the future of tikana, to walk.' Compare Hill Maria mapsu for Gondi marrs. $=$ axe, himatu for himat as second person plural of the imperative of hiyand, to go, in my specimens.

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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, bōtell (bottle) and rapōt (report). Fairly recent Hindi or Halbi borrowings (as distinct from long acclimatized words of Sanskrit origin like $\min$ (fish), wijjā (seed) or $\bar{b} \bar{s} h$ (good)) found in my specimens are dökrā (old man), $\bar{d} \ddot{k} k \bar{r}$ (old woman), dinäm and dinäl (daily), kabär (work), khush (pleased), tiyār (ready), bichär (thought), milē-māsī (together), sarkār (authorities), lage (fastened), and rāz $\bar{\imath}$ (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 Vileage

## 1. The Monkey Son-in-law

Unḍ nāgh mattã. Dokrī- mu'ittā mattã, ơra und miyã One village was. Old-woman-old-woman was, bers a daughter mattã. Ad piki layā mattā. Dōkri- mu'ittz ad piki-tun was. That girl maiden was. Old-woman-old-woman that girl
 anyone-to giving-not was. A mountain-from a monkey old-woman-


 Monkey-of baying having-heard, old-man blacksmith-with an axe making-do
 said. That smith its handle-with axe having-made monkey-to
hittơq. Aske kówa tâna mãmãn-tōne vêhtóq ki, 'Nākun jawa gave. Then monkey his father-in-law-to said that, Me-to gruel atsi-sim: nanna peñida narkalay dakăn.' Mu'itủ-dookri cooking-give: I penda-clearing to-cut will-go.' Old-woman-old-woman
vêhhtå ki 'Kowâ-tun jâwâ himatu, aur péndã narkālay ${ }^{\text {a }}$ dãyãnur.' said that 'Monkey-to gruel give, and penda to-cut be-will-go.'

Aske narkom pikl jawa kis-hittả. Jawa pa'is, kôwa pēnda Then in-the-morning girl gruel made-gave. Gruel having-taken, monkey penda
 to-cut went. Penda to-cut having-neglected, monkey achar tendu
tinda-laya mara meta hurtoq, wa payà mulpe maqsu-tun to-eat trees mountain was-seeing, and aiterwards at-evening axe
mara tol-a lagê-kisi lôn wâtóq. Piki kówãn man-kiwo mattā. tree bark-to having-fastened home came. Girl monkey liking-not was.

Oná paritun hursi, dôkri onả miyăr-tun ketả, ' Hurâ, piki, kơwà His work sceing, old-woman her daughter-to said, 'See, girl, monkey
 son-in-law good work will-do, you him liking-make-not.' Girl silent
 was. Daily monkey gruel taking work doing for went. One day
 father-in-law said, 'To-day I also penda to-see will-come.' Monkey
 said. 'To-morrow come-please.' Next day his father-in-law monkey
 of-the-viltage cut penda-to showed. Old-man work seeing pleased
 was. Afterwards he home having-come old-woman told. Old-man's word
 having-heard old-woman also pleased was. Villagers penda to-burn
 going-when monkey also gruel having-taken ready was. Villagers penda
 burnt and monkey tendu acharto-eat began. Villagers kutki sowing-when.


Mu'ittör wijja parhakas
Old-man seed having-looked-for
hittōq. K ${ }^{\text {wax }}$ wijjä-tun guppat-tagã gave. Monkey seeds-to undergrowth-in
missi-hittōq. Missi păyā lōn wās. 'bitãn' injōré buried. Having-buried then home having-come, ' I-have sown'saying

bațãnjā.' Inđānkē, kōwã vēkhtōq, 'Dả'î.' Kōwā son-in-law.' He-having-spoken, monkey said, 'Please-go.' Monkey
munè muné, tãnă māmā pāyâ păyā wital pēndà horāāsi in-front in-front, his father-in-law behind behind sown penda to-see
hattôq. Kōwă askẽ munē tōkhas-mattōq, ad pēndā-tun ōs bēr went. Monkey then before shown-was, that penda second time
 showed. Kutki sprouted-had. They-saw, then together home came.
 Next day monkey said that, 'Father-in-law, I birds watching-for
 penda-to will-go.' Thus daily gruel having-eaten monkey penda-to
 watching-for used-to-go. There monkey of-the-village cattle grazing
pēkōr-nã pēnđ̉a bîtalē-tun tindūr. Abālēkēn dinām tinjôr-mattōq. lads-of penda the-sown was-eating. Thus daily he-kept-eating.

Pēkōr hurtơq ki 'Māwā kōhalậ-tun bātā lēkōrâ dinãm tintả ?' Unḍ The-lads saw that "Our kutki what animal daily eats?" One
 day lads together having-come counsel took,' 'No, someone herewatching
 stay, then you-will-see what is-eating." Next day a boy kutki-near
 watching-stayed. Then monkey soon-after kutki to-eat came, and
tindâlāsi âtơq. Rảkhă pêkā hursi ōnā sangàtōr-kun vểhtơq. eating began. Watching boy having-seen his comrades-to told.

Imā diyă sabē milê-māsī kōwā-tun hawaktợq. Hawaksi-manj hachun Next day all together monkey killed. Killing-after a-little
 monkey-of flesh his father-in-law-to also lads gave; he ate (it).
 Evening came, but monkey his father-in-law's house not come. Then his
mămã parktơq. Mund nảlū diyâla payã ônả måmãaku father-in-law searched. Three four days later his father-in-law-to
 known became that the-lads had-killed. His father-in-law angry became
 lads-to said, 'This I authorities-to report shall-make.' Then lads
bêratơq ittōq, 'Ayd, ilékh kēmã; măt bōgh ni-agă lajm were-afraid said. ' No, thus do-not; of-us someone you-with bride-servitor
mandakom. Aské mu'ittơr raxa atooq. Ond pexka onněga lảm we-will-stay. Then old-man content became. A lad his bride-servitor
 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 bave 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 handie 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 bim 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 bim to see the penda cultivation, but the monkey suggested that he should wait till the morrow. The next day the monkey showed him the ponda 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 pexda plots, the monkey took his gruel, and said that he was ready to go and bum his ponda 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 bis future father-in-law to took 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.

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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 kuthi 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 be 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.

## 1I. Catching Peacocks

Uṇ̣̃ nātē-nagà mu'ittoòrmu'ittā mattōq. Mu'ittōr ônã pēndâ-nagã
One village-in old-man old-woman were. Old-man his penda-field-in
 kutki sown-had. Kutki ripened. Ripened kutki peacocks eatingmatưa. Tãn hursí mu'íttôr râkhā mayảdê dinãl pēndā-tagã kept. Them seeing old-man watching-for daily penda-field-in mantoq. Und diya mu'ittor-tun dand pöratá; öghu lōn handã parō-was-staying. One day old-man-to fever arose; he home go could-
wātō. Askẽ ơnă mutī ittā, 'Nēnd mu'ittōr pēndā-tāhi bāhu wāyōq ?' not. Then his wife said, 'To-day old-man penda from why not-come?'

Onā huṛolāsi mu'ittã pēndā-tēkē hattả. Aghả hanj̣ hur̃ā mal His seeing-for old-woman penda-towards went. There having-come saw pea-
kōhalả tinjōr-mandē arū mu'ittōr kētul-nagā huñjas-mattōq. Askē cocks kutki eating-were and old-man field-house-in sleeping-was. Then
dōkrí mu'ittōr-tun hursi kiltā. Askē mal mu'itta-dōkri-old-woman old-man seeing wept. Then peacocks old-woman
nagà wăs vêhhtōq bārā kētōq, 'Nimā bākh-kiyā kilintả ?' Dōkrí near coming spoke and said, 'You what-for weep?' Old-woman
ittā, ‘Ayō, măwã mu'ittōr-tự đ̣ānḍ paṛtã; handã parōr. Nimã mēnd said, ' No, my old-man-to fever has-come; walk cannot. You also
agha hanj hurả.' Mal kẽtu-dē-lôpa hurlāsi battöq. Aske
there going see.' Peacocks field-house-inside to-see went. Then

'Dôkri, id mu'ittor bata intơq?' Dokri ittā, 'Ayō, idean
'Old-woman, this old-man what says ?' Old-woman said, ' No, him-to
 severe fever has-come and alarm came.' Old-woman field-house-of mat-door
kêh-sitã. Paya dơokrı têdsả sabe mal-dun hawaq-tơq. Payã mu'itta shut. Then old-man arose all peacocks killed. Then old-woman
mu'ittơr mal-dun pa'lo lōn wâtơq tittōq.
old-man peacocks taking home came ate.

## Fres 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 feld 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 bis fieldhouse, 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

(Thess arb sung at weddings or at the Koqsay festival.)

## I

 alley reloy re reloy reto !

Chorus: Pandokh kusiñta, dadasle, pandokh kusiñta l (The racquet-tailed drongo is calling, my brothers I)
 (Some-kind-of song sing, lads, some-kind-of song!) Chorus.

(We-know-not, lads, know not, lads, know not, lads, know not!)
Chorus.
3. Adrâm âyo, badråm, layorê, adrăm ăyd, badrâm ?
((If) thus not, how, lads, (if) thus not. how?)
Chorus.

(Grue! without not, lads, gruel without not !)
Chorus.
 (Bottle (of) wine intoxication, lads, etc.)

Chorus.
 (At-us look not, lads, etc.) Chorus.
7. Omtarà, layôr, ōmatū, layõr-è, òmtarā, layōr, ómatū t (Sing, lads, sing, etc.)

Chortus.
8. Ayār, dādā, āyōrā, layōr-ē, āyār ô-ō-ye । (Ayar, brothers, ayora, lads, ayaro o ye l)

Chorius.

## 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 :
Ayār, brothers, àyōrã, oh lads eh ! ăyăr ō-ō-yē !
The racquet-tailed drongo is calling I

## II <br> Kokoreng ko-keng !

Refrain: Alēya ré-lō-ya rē-lō!
Chorus: Kökōrēng körēng I (meaningless).
I. Bāroq banē mã̀yơ!
(What for was-not l)
Kôkōrēng kōrēng !
2. Watara, lâyōr, wāte !
(Come, lads, comel)
Kökoreng körēng !
3. Idrā pāţ̉ manó
(This-kind song is-not )
Kokorrēag kōrēng!
4. Dūsar pắa ōnū!
(Another song sing!)
Kōkörēng kỗeng !
5. Pâtãr ômwal, ãtèke.
(Song-singer is, then.)
Kókörêng körêng |
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6. Wठ wō wehtanke ayol
(Wo, wo we saying are not I)
Kokōrēng kơrẽng !
7. Wayd-ra, layor, waydl
(Not-come, lads, not-come 1)
Kókoreng korẽng !
8. Omară, daxda, oma.
(Sing, brother, sing.)
Kokoreng koreng i
9. Kañtín durală oratū
(In-eyes dust has-fallen)
Kôkorēng kơrẻng !
10. Osăr bhumite atàke.
(Another's land, therefore.)
Kokơrēng körêng 1
II. Bâroq bane mayol
(What-for was-not I)
Kốorrèng kơrêng |
Free Transtation
Aleya reloya relo
Kokoreng koreng !
Why are we not singing,
Kokoreng koreng 1
Come, lads, come I
Kokoreng koreng !
This kind of song is no song.
Kokoreng koreng !
Sing a different song 1
Kokoreng koreng !
If singers are here I
Kokoreng koreng.
Song out of time is useless,
Kokoreng koreng I
No one has come, lads,
Kokoreng koreng 1
Sing, brothers, keep singing,
Kokoreng koreng !
Dust has fallen in our eyes,
Kokoreng koreng,
From singing in another's land.
Kokoreng koreng I
Why are we not singing?
Kokoreng koreng !

## III

(Sung by dartors at the Koqsar festival only.)

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

1. Téhan pegh guranjora, layor, guranjors, layor-é i
(Above (?) rain is-thundering, lads, thundering, lads !) Kakar. etc.

(Thus not not, lads, not, lads !) Kakāן, etc.
2. Adrām āyō, badūrā, layōr, badūrā, layôr-é?
((If) thus not, how, lads, how, lads?) Kakăf, etc.

(Veranda-in Mata-is, lads, Mata-is, lads!) Kākār, etc.
3. Rāwar-agănē pēn-ōrā, layōr, pēn-ōrā, lāyòr-ē !
(Shrine-in clan-god, lads, clan-god, lads.) Kākāt, etc.
4. Uti-tagānē̃ Tallōghà, layōr, Tallōghả, layôr-é 1
(Carrying-net-in Village-Mother, lads, Village-Mother, lads!) Kaką!, 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 Mãtà, lads, the Mâtă 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, 0 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 (wesuy) from Hikul Village

Q. Ustã-nēdē gumchār bòrê kōrintā ?
(Cow-dung) plastered (place)-on dove what crawls?
What is the dove that struts on fresh cow-dung plaster ?
A. Orta. (A boat.)
Q. Rēkā- ichōr puñgār, kaurā ā ichơr pērèm ?
(Leaf-hat as-big-as flower, cowry-shell as-small-as seed?)
What is the seed as small as a cowty shell inside a flower as big as a leaf-hat?
A. Balō: wad. (A spider in its web.)
Q. Hudila 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. Onnāgh nātēnã pōnāghì màrē-tē mēāj ?
(Any village-of green-pigean feather-on egg?)
In any village what is like an egg on the feather of a green pigeon?
A. Nēl-Marra. ((A fruit of) the conla tree.)

## Appendix VII

## Glossary of Vernacular Terms

[Abbrevialions: $\mathrm{BHM}=$ Bison-horn Maria dialect: $\mathrm{Cbh}=$ Chhattisgarhi Hindi; G. $=$ Gondi $\quad H .=$ Hindi; Ha. $=$ Halbi; $H M .=$ Hill Maria dialect ; U. $=$ Urdu.)

Bandi (Ha.) A knife or bill, shaped like a dao.
blirl (G.) A garden enclosure, generally behind the dwelling called lon-welung or 'house-enclosure' by the BHM.
barnd (Chh.) Bride-price. The BHM, use this borrowed term, or else tho Hindi word karcha, meaning expenses.
beghar
Bberif $P_{\text {en }}$
bhom
bham-gaits,
or blamid
bhêm-jāga
(H., Ha, U.) Forced labour: the corvée.
(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.
(Sanskrit and G.) Eartio or land; the earth-god.
Among HM. generally an alternative designation of the kasyeg-gaita or religious headman, but in a few HM. villages he is a separate fuactionary whose function is to lead the elders in deputation to the clan-god at the chief village of the clan. Among BHM, an aiternative designation of the permd, or religious headman of the village.
(BHM.) The sacred plot of land set apart in the field of the permd or religious headman for certain religious ceremonies generally at the pandum festivals.
(Ha.) Supplies requisitioned by State officials from cultivators. An old Sanskrit term for the twentieth part of the harvest, traditionally reserved for the pay of officers of the king.
bilal (Chh.) The puddling of rice-fields with a flat log drawn by oxen, to thin the young rice plants.
biry A -dol
(BHM.) The large double-membrane drum used by Bisonhorn dancers.
bohorinl (Ha.) A disease-riddance ceremony.

## APPENDIXES

Chalki chiptI chuddur penk
(Ha.) An assistant of the pargara 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 districts of the Central Provinces.

| DEdābhát | (HM., BHM., G.) The term used for 'brother-clans' ; akomama' above. |
| :---: | :---: |
| Dahi | (Ha.) A form of cultivation in which boughs and br |
|  | are brought from the forests and burnt on old fallow so that the ashes may serve as fertilizers. HM. and |
|  | call it parka. |
| dedaz 'in\% | (HM.) A leaf shield worn on the shoulders as a protection |
|  | against rain. |
| Deo | (Hi.) A god. |
| Deo-tot | (Ha.) The sacred grove of a clan-god. |
| dhamme | (Ha.) The ghost of a dead man; used by Halbi-speaki |
|  | BHM. as equivalent of BHM. and HM. term hanal. |
| dipp ${ }^{\text {² }}$ | (HM.) Flat forest lands, patches of which are used |
|  | rotation for growing crops in the ashes of the felled an |
|  | burned forest growth. The BHM. term is erkă, and th |
|  | Ha. term marhän. |
| dödi | (HM.) A field-house. |
| dolã-lon | (HM.) A menstruation hut. |
| Dor-bhum | 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 '. |
|  | (Ha.) A small earthen pot. |

Erkă (BHM.) See dippa.
Gaitā (HM., Muria) A headman.
Gäon
garh
gattI
ghāt
ghatd
gorlă
gotul
gotra
gudapa!
gudarif
gudi
guniă
(H.) A village.
(H.) A fort, or a feudal division of country.
(HM.) A dish-shaped brass gong.
(H.) A mountain pass; used in Anglo-Indian speech of 2 chain of mountains such as the Eastern Ghats.
(HM., BHM.) A thick porridge of rice or other grain, called in H. bhät.
(HM., BHM.) A bridge pier consisting of a cylindrical bamboo basket filled with boulders.
(HM., Muria.) A communal village dormitory, used mainly 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 Halbi speakers for the Maria clan.
(HM., BHM., G.) Literally, ' tribe-milk', the term applied to 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.
(HM.) A hoe or mattock, called kavgudar by the BHM.
(Ha.) A hedge-temple.
(Ha.) One versed in guni, or magic spells.

| Hals | (HM.) A menstruation room in a house. |
| :---: | :---: |
|  | [HM., BHM.) A past participial form of the verb hasdänd, |
|  | to go, used of the Departed, or of the ghost of a dead m |
|  | hich is to be propitiated by appropriate ceremonies, |
|  | finally laid by the erection of a menhir. |

hand $1-$ gait $^{\text {a }}$
handl-gatta
handil-gary
handI
hark-tindsne
jarman
j8wis
jlya-bits

Käch-tendor
kadri
kadri-bers
kadri-geitE
kughal
kal-burria
yeirinu
kesjeq
rasyoq-gaita
tatil
zetul
thand
roch:

Kos (phural
Kosor)
Kos-gotul
(BHM.) Priest of the Departed.
Wooden posts erected at the grave of a dead person.
'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 ceremonies which only members of the family may attend.
(U.) A Crown grant of land or of the right of collecting land revenue, generally as a reward for service rendered or to be rendered.
(Ha., HM., BHM.) 'German': the word used for the aluminium alloy of which many bazaar ornaments, earpicks, etc., are manufactured.
(G.) The thin grain gruel called pej in H., Ha. and Chh.
(G.) Personality, life, that which survives after death and is not malignant like the handl.
(HM.) The heir of a dead man.
(BHM.) A jews-harp. (Kach means 'iron'.)
(BHM.) Knife (HM. hasyaq).
(BHM.) ' Knife-field'; a piece of land in the field of the religious headman (pormā or kadri-gaitā) set apart for certain religious ceremonies and sacrifices. It is also known as bhūm-jāgā.
(BHM.) An alternative name for the permd or religious headman, corresponding to the HM. term kasyeq-gaita.
(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 karo by BHM.
(BHM.) Wine-fadle.
(HM.) A threshing-floor.
(HM.) The isnife carried in the loin-cloth in a wooden sheath.
(HM.) The 'knife-headman ' or religious headman of the HM. village, and ex-apicio priest of the Village Mother. Tho word "knife ' refers to his sacrificial functions.
(BHM.) Clan. HM. and Gonds genoraily uso the term päri.
(HM., BHM.) A feld-shed.
(H.) A measure of capacity, containing (in Bastar) 40 paili or 160 soli. A soli contains rice weighing 40 tola or slightly more than I lb. The khandi of rice thus weighs about 104 lb .
(HM.) A man's dancing-skirt.
(HM.) The final harvest festival of the Hill Marias, in honcur of the earth and the clan-god.
(G.) Name used generally by all speakers of Gondi dialects of Hindus. Marias apply it generally to strangers.
(HM.) The strangers' rest-house, set apart in HM. villages for lodging State officials and other strangers who are not Koitor.
hosrl
(Ha.) The grain kuthi (Pamicum miliaconms).

## APPENDIXES

tototyl
zupà-kelk
kurmā-lon
Eutiki
kutmān
Lamans'i
13nda
leskf
lingam
lon lonis
lota
(HM.) The menhirs set up by the roadside to the Departed.
(BHM.) The knot into which a man ties his crowa-tuft of hair.
(HM.) A menstruation hut.
(H.) The grain Panicw miliaceum called kohola by Marias and Gonds, and kosya in Halbi.
(BHM.) Phratry or group of cians, also called tayr.
(G.) A youth serving his future father-in-law for his daughter's hand when he cannot afford the usual bride-price.
(Ha., BHM.) An intoxicating gruel, made from rice and Eleusine coracana.
(HM.) A medium, employed as assistant by waddat or clan-priest.
(H.) A phallus.
(HM, BHM.) House; the northern Gonds say row.
(HM.) The inner room of the house, used for the cult of the Departed and as a store-room.
(H.) A small brass pot.

Machin (H.) An elevated platform, set up in trees for shooting at big game, or in fields for watching crops.
māhu:
mã̉
mandia
mantram
măqqawādang
magsi
marhān
marmi
masni
melo
Metabhüm
(H.) The tree Bassia latifolia. Its flowers are distilled to produce the chief intoxicating spirit of Central India.
(Ha.) Headman.
(Ha.) Granary.
(HM., BHM.) The grain Elewsine cosacana.
(H.) A spall 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 (metä (G.) means mountain) ; both HM. and BHM. call their country Metabhum and themselves Meta Koitor
modul-waddz'5 (BHM.) A clan-priest.
moghi
mudeng
munda
mungya
musal
muyang

Nar or nagh
narma-lon
Nāgh-Talught
or Nar-Taluri
(HM.) A dancing-shield.
(HM.) A garment worn by women, consisting of a square 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.
(Ha.) A smallirïgation tank.
(BHM.) Bead-necklaces.
(HM.) A club-shaped wooden husirer or pestle, by which grain is pounded and husked in the $\bar{a} h \bar{i}$ hole in the floor. BHM. call it uspā.
(HM.) Pellet-bells.
(BHM., HM.) A viliage.
(BHM.) Room in which women and infants sleep.
The Village Mother goddess of the HM. : BHM. generally use the Hinduized form Gaon Devi.

| O'idal | (G.) Hearth. |
| :--- | :--- |
| okā | (Ha.) A gourd ladle. |
| Oser | (BHM.) The veranda of a house. |


|  | E |
| :---: | :---: |
| Padar | (Ha.) See paghat. The term Padav-räj applied by BHM. to the open well-settled country of the Jagdalpur tahsil may simply mean 'village-realm'. |
| $\begin{aligned} & \text { paghas } \\ & \text { or pagh } \end{aligned}$ | (HM.) A village site, one of the alternative sites in parishes where there is much shifting cultivation. BHM. use the Ha. padar, and Murias and some HM. päre. |
|  | (HM.) A gourd ladle. |
| pag | (H.) A turban |
| paik | (Ha.) Originally a soldier of the medieval feudal militia of all the states of Orissa and Chhattisgarh; used in the lingua franca of Bastar of police constables, etc. |
| panchany | (H., Ha.) The council of village or caste elders, traditionally Give ( $\phi \bar{a} n c h$ ) in number. |
| p | (BHM.) A first-fruits or new-eating ceremony. |
| p | (Ha.) See weta. |
| pargank | (H.) A sub-division of a tahsil or zamindari, corresponding roughly to the ancient garh. |
| plri | (G.) The wrord used by almost all Gondi speakers for the clan; BHM., however, call it hatla. |
| pratiog | (HM.) Bride-price. |
| p | (HM., BHM.) See dahi. |
| patwarf | (H.) Village accountant-surveyor, employed by State to maintain village assessment records and on settlement work. |
| $p 1$ | (BHM.) Parting of the hair. |
| pedin | (BHM.) Secular headman of village, corresponding to HM. gaita. The term is occasionally used by HM, also. |
| pedxwd'ghat | (HM.) A menstruation hut or 500 m . |
| pen pends | (G.) God. As used by HM. and BHM. refers to the clan-god. (HM., BHM.) The chief form of cultivation among Marias. |
|  | The method is that described for dippa, but perda lands aro always steep hill-slopes, and generally have far longer fallow periods than dippa lands. |
| po | (BHM.) Regular marriage |
| pen-gadwa | (G.) The clan-priest of the Gonds of the Nagpur and adjacent Central Provinces districts, who is the custodian of the Bhera Pen and the pen-tara, or Holy Circle. |
| pen-rimar | (HM.) The clan-god's shrine or hedge-temple, generally called doogudi (Ha.) by BHM. |
| pen-waddas | (HM.) The priest-medium of the cla |
| pormi | (BHM.) The religious headman of the village. See also bhum-gaita and kadri-gaina. |
| pharsi | (Ha.) A kind of axe. |
| pira-mensh | (IIM.) A disease-riddance ceremony, called bohorini in Ha., and rog-burria by BHM. |
| polo | (HM) Taboo. |
| Porskeng | (HM.) Rings or plugs worn in the lobe of the eat. |
| pojari | (1H.) One who performs the puija or worship of gods. |
| papal | (G.) The puise urad (Phaseolus radiatus). |
| Rau reking | (Ha., BHM.) Demons, chiefly of mountains and high places. (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-marrd.) |
| Sa | (H.) The tree Sharea rabssta. |
| zalph! | (11a.) The sago-palm (Caryotis urens) called garga marrä by Marias. |
| siri-bori | (Ha.) Village subscriptions of labour, supplies or money for communal or Stato objects: a corruption of an Arabic technical term. |

## APPENDIXES

siāri
sŭから
Tăghā]
tahsil
tallāgulla
talq-dátna
talutar
tăr
thekadar
til
tirdudi
tiya
tokān®
tōpi
to 9 a
tori
tum
turam
Uddam-garya
urad
uras-kal
uspal
utān

Fijia
wijja-dodi
wijj-erhu
mijic-10n
witt $\delta$
zamindarỉ

Weta (BHM.) A ceremonial lunt, or pātaca (Ha.); the most
(BHM.) A ceremonial hunt, or pāqac̃ (Ha.); the most
important is the wija-zetā, or seed-hunt ${ }^{*}$, preceding the sowing of the new harvest.
(Ha.) The elephant creeper, Baukinia vaniis, much used for making cord.
(HM.) Iron hoops worn by women around their necks.
(HM.) A raincoat made of strips of retted bark of the tree Kyaia calycina, sometimes used also as a dancing-skirt for men.
(U.) A large sub-division of a district or State, administered by a tahsilday.
(BHM.) The plumed bison-horn dancing head-dress of men.
(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 salpānā, or 'asking ${ }^{*}$.
(BHM.) A patterned brass snood, worn over women's hair.
(BHM) $=$ kwtmàm, a phratry or group of clans.
(H.) One who holds a village on thek or lease from the State or a zamindar.
(H.) The oil-seed Sesamum indicum.
(BHM.) Woman's bamboo dancing staff, adorned with iron pellet-bells.
(BHM.) Iron neck ring.
(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 heid to want the victim lastmentioned.
(H.) A hat: used by HM. of their dancing headi-dress.
(HM.) Tail; used of the end of the loin-cloth left to hang over the right buttock.
(Ha.) The Muria hunting-horn.
(HM.) A form of grass fencing.
(HM.) Akettle-drum.
(HM.) The religious headman's seat of honour.
(H.) See pupal.
(BHM.) = HM. Rotokal, q.v. (from wras\%ã, to bury, and kal, a stone).
(BHM.) See musal.
(BHM.) A brass fillet worn over women's hair. G.) Seed: the Hindi bij:
(HM.) A long-granary.
(BHM.) 'Seed-mahta; ; 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.
(BHM.) Room in dwelling-house used as granary and for cult of the Departed.
(BHM.) A fringe of hair, left along the forehead.
(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 Goveroment, as the case may be.

## Appendix VIII

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

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[^0]:    Jubbulpore
    Murch 1st. 1937

[^1]:    ' 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 tigures of recent surveys, calculated the true area to be 13,725 square miles for tho 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 $\mathbf{5 2 4 , 7 2 1}$.

[^2]:    *For classifications, see Haddon, Races of Man, pp. 10-12.

[^3]:    ${ }^{1}$ Martin, Anthropometry, Vol. I.

[^4]:    ${ }^{1}$ 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 1 Brovinces and of the Madras Agency tracts, may be due to a strain of Pareoean blocd 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 clement 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 mainand."

    3 Haddon, ibidem, p. 32.
    4 Ibidem, p. 21.

