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Rough Notes on the Angámi Nagás and their Language.-By Captain Joen Butier, B. S. C., Political Agent, Nágá Hills, Asám.
(With seven plates.)

## Introduction.

Of all the numerous tribes-Gáros, Kiásias, Sintengs, Míkirs, Kacháris, Kúkís, Nágás, Singphús, and Khámtis-inhabiting that vast tract of mountainous country which hems in Asám on the south, the largest numerically, as it is territorially, is the "Nágá". Under this comprehensive term is included the whole group of coguate races, dwelling along that broad stretch of hill and upland, which, roughly speaking, is comprised between the Kopili River, on the west, and the Bori Dihing, on the east, and which lies between the parallels of $93^{\circ}$ and $96^{\circ}$ East Longitude. This tract extends northwards to the low hills bordering the alluvial plains of the Districts of Lakhimpúr, Sílságor, and Náogáon, and overlooks the broad waters of that noblest of all Indian Rivers, the sacred Brahmaputra. In a southerly direction, we are at present unable to state exactly to what limit it may extend. We may, however, salfely say that it lies between the meridians of $25^{\circ}$ and $27^{\circ}$ North Latitude. Our late explorations have clearly ascertained, that the great Nágá race does undoubtedly cross over the main watershed dividing the waters which flow north into the Brahmaputra, from those flowing south into the Iríwadi; and they have also furnished very strong grounds for believing that in all probability it extends as far as the banks of the Kaiendwen (Námonái or Ningthi) River, the great western tributary of the Inawadi. Inded there is room even to believe, that further explorations may, ere long, leal us to discover, that
the Kakhyen and Khyen (often pronounced Kachin and Chin) tribes, spoken of by former writers (Pemberton, Yule, Hannay, Bay field, Griffiths, and others) are but offshoots of this one great race. Yule tells us that " the " hills west of Kalé are occupied by the Khyens, a race extending south" ward throughout the long range of the Yúmá-doung to the latitude of "Prome", and that "Colonel Hannay identifies the Khyens with the Nágás " of the Asám mountains." Again Dalton in his work on the Ethnology of Bengal tells us that "Karens are sometimes called Kakhyens", and that "Latham thinks that word for word Khyen is Karen", whilst Dr. Mason tells us "that it is a Burmese word signifying aboriginal". Finally we have Major Fryer informing us in his late interesting paper " On the Khyen people of the Sandoway District"*, that the Khyengs have a tradition that they came down many years ago from the sources of the Kaiendwen River. It will thus be seen that the question regarding the identity of these tribes is at present a difficult one to decide, and I consider that its final solution can be satisfactorily undertaken only when we have completed the explorations upon which we have been so busily engaged for the last six years. We have already succeeded in completing the survey of about 8000 square miles of a country, about which we previously lnew scarcely anything at all, a terra incognita in fact, the greater portion of which had been unseen by European eyes until visited by those enterprising pioneers, our survey officers, who armed with the Theodolite and Plane-table very soon cleared away the huge blots which had for so long been permitted to disfigure our N. E. Frontier Maps. Thus it is obvious that any theory propounded at the present stage of our lnowledge must be more or less based upon conjecture, a dangerous field of controversy which I wish to avoid, especially as a few more seasons of such work as we have done of late, must clear up the mystery in which this question has so long been shrouded.

## Chapter I.

## Geography and History.

Of all the tribes-and they are almost as numerous as the hills they inlabit-into which the Nágá group is divided, the most powerful and warlike, as it is also the most enterprising, intelligent, and civilized, so to sily, is the "turbulent Angámi". This great division of the Nágá race occupies for the most part a charming country of fine, open, rolling hill and valley, bounded ly lolty mountains, some of whose summits tower up to nine, ten, and even twelve thousand feet above the sea level. Their villages are generally placed on the more tabular hills of about 5000 feet elevation, and enjoy

[^0]a healthy, bracing climate, subject to neither extreme heat, nor cold. This noble tract of country is blessed with a most fertile soil, well cultivated, drained and manured, and the hill sides are often covered, I might almost say for miles, with a succession of fine terraces of rich rice; and the hill tops are dotted over, as far as the eye can reach, with numerous large villages, whose comparatively enormous population might even claim for them the right of being called towns. Thus Kohima for instance contains no less than 865 houses, or say a population of over 4000 souls.

The Angámis proper, or "Western Angámis", as they have also been aptly termed, in order to distinguish them from the Eastern clans, to whom they are closely allied, hold 46 villages, all lying to the west of the Sijjo or Doiáng River. Towards the north they extend up to the range of hills on which the Nidzúkhrú mountain forms a prominent landmark, and on the west to the low range of hills on which Samagúting, Sitekema, and Nidzúmá stand, whilst towards the south they are cut off from Manipur by the lofty Barráil, whose forest-clad heights make a splendid background to the lovely panorama in front. The 46 villages abovementioned, contain a total of 6,367 houses, and cover a tract of about 30 miles in length, by about 20 in breadth, and are thus spread over an area of about 600 square miles. Now if we allow an average of 5 souls to each house, we here obtain a population of 31,835 souls, or roughly, in round numbers, say about 30,000 souls-figures which I helieve a regular census would prove to be very near the marls indeed. And from these figures we may assume that we have here got a population of at least 50 to the square mile, which for a hill country, I need hardly add, is a very large average. This can be easily seen by a reference to the last Census Report of Bengal (1872), in which we find that even the Khásia Hills have only 23 souls to the square mile, the Chittagong Hill Tracts only 10, whilst Hill Tiparah comes last of all with only 9.

I may here explain that the total area of all "Nágá Land " theoretically under the political control of our Government is about 8,500 square miles, and I have roughly estimated the population in that area to be at least 300,000 souls.

It has been generally beliced that the term "Nága" is derived from the Bengali word "nangtá", or the Hindustani word "nanga", meaning "naked", and the specilic name "Angámi" has also been credited with the same source. Another theory suggests the Kachári word "Nága", a " young man" and hence a" warrior", whilst a third theory would derive it from " nág" a snake. However, be this as it may, the term is quite foreign to the people themselves: they have no generic term applicable to the whole race, but use specific names for each particular group of villages; thus the men of Mezoma, Khonomá, Kohima, Jutsomit, and therr
allies call themselves Tengimás, whilst others if asked who they are would reply simply that they were men of such a village, and seem to be quite ignorant of any distinctive tribal name connecting them to any particular group of villages,-a strange fact, which I think is in a great measure accounted for by the state of constant war, and consequent isolation, in which they live. The Kacháris, I may add, speak of the Nárás generally as the Magamsá, and of the Angámi Nágás in particular as the Dawánsá.

I have long endeavoured to gain some satisfactory information regarding the origin of these interesting tribes, but I regret to say that this is a question upon which I have hitherto failed to throw much light. In my wanderings to and fro, I have observed that there seem to be two very distinct types running through these hills; the one a fine, stalwart, cheerful, bright, light coloured race, cultivating their, generally terraced, lands, with much skill, among whom I place the Angámi as facile princeps; the other a darker, dirtier, and more squat race, among whom the sulky Lhotá may be pointed to as a good representative; and I have not failed to notice signs that the latter are giving way to the former, wherever they happen to come in contact. A careful comparison of the several dialects which I have long been busy collecting, will, I fancy, be one of the best guides we can obtain for the proper classification of all these tribes, but that is a matter of time, and the compilation of a vocabulary with any pretension to correctness is far from being the easy task some imagine it to be.

The Angámis have a tradition that they originally came from the south-east, and a fabulous legend goes on to relate how "a long time ago" when the world was young, and gods, men, and beasts dwelt in peace, a god, a man, a woman, and a tiger lived together; how the woman died, and the tiger attempted to make a meal of her ; how this led to the breaking up of this happy family, and the separation of these incongruous creatures. Afterwards a quarrel arose between two brothers, the sons of their great Chief, and they then both left the cradle of their race, each taking a different path, the one "blazed" his path by cutting marks on all the "Chomhú" trees, the other on all the "Chémú" trees. Now the former always remaining white and fresh for many days, and the latter turning black almost immediately, the greater following took the former path, which led them out into the plains of Asám, the latter and lesser number settled in the hills, and hence the numerical superiority of the "Tephimás" or " Te phrimás" (men of Asám). This is the outline of a very long disconnected narrative of their exodus, and it is not very flattering to be told that another equally wild legend ascribes the genesis of the "white faces" to a white dog and a woman, extraordinarily fair, who were floated off, amid
broad waters on a raft, well provisioned for a long voyage. These creatures are believed to have landed on some distant shore, and the result was a race of white men, who bred and multiplied until they overran the land, conquering all black races that attempted to oppose their onward progress. This tale does not at first sight appear to credit us with a very noble origin, but the fact is I believe that the "white dog" has been mercly introduced as a sort of Deus ex machina, in order to account in some way for some of our, to them, most extraordinary powers.

I find it recorded in an old letter dated thirteen years ago, that " about " 300 years since, the younger brother of the then reiguing Rájá of "Jaintiá, became enamoured of his nicce (the Rája's daughter) and "forcibly seizing her fled with some followers from Jaintiá to Dímápur, "then the residence of the Kachár Rájás. Here he remained for some time " protected by the Kachár Rájá ; but his brother having sent out a large " force to capture him, he fled to the hills in the vicinity of Dímípur, now " known to us as the Angámi Hills, and being accompanied by several Ka"clárís, as well as his own followers, permanently established himself " there, and from this colony arose the now powerful tribe of the Angami "Nágás." This account is reported to have been received " from an intelligent hill Kachári", who is said to have further stated that full confirmation of these facts might be gleaned from some of the old Jaintia records; and as a further argument to support his story, he is also said to have pointed to the fact that the Angámi women to this day adhere to the peculiar manner of wearing the cloth tied above each shoulder, adopted by the Jaintiá women alone of all the other tribes on this frontier. For my own part I have never succeeded in oltaining any confirmation of this strange story, and am hence sceptical of its truth. However, I have deemed it right to give it quan. val., in the hope that some future investigator may possibly be able to pick up a clue to the story in fields where I have not had the opportunity of searching, namely amid the archives of Jaintiápur.

Our first actual acquaintance with the Angámis appears to have commenced as early as 1831-32, when Captains Jenkins, Pemberton, and Gordon were deputed to explore a route through their country, with a view to opening out direct communication between Asám and Manipur. On this occasion, although they were accompanied by a comparatively large force, amounting to no less than 760 muskets, they were opposed with a most determined resistance at every village they passed through, and so bitter was the opposition made, that in many instances the villagers set fire to their own villages, so as to destroy such provisions as they were unable to remove rather than allow them to fall into the hands of the enemy. From the date of that eventful journey until 1867, that is to say, for a period of over forty years, the political history of our relations with this
tribe has been one long, sickening story of open insults and defiance, bold outrages, and cold-blooded murders on the one side, and long-suffering forbearance, forgiveness, concession, and unlooked-for favours on the other, varied now and again with tours innumerable, deputations and expeditions, the interesting details of which go far to make up one of the most important chapters of the yet unwritten history of a province, rich in such stores, but which it would be out of place, if not impossible, to allude to within the limits of this paper.

With regard, however, to the effect of punitive military expeditions when unaccompanied with, or followed by, other measures of a more lasting nature, such as the actual occupation of the country, whether it be to exercise absolute authority or mere political control, I may here briefly draw attention to the Nágá expedition of 1850, when a force of over 500 men, with 2 three-pounder guns and 2 mortars, and European Officers in proportion, was thrown into the Nágá Hills, to avenge a long series of raids, which had finally culminated in the murder of Bhog Chand, the native officer in command of our outpost at Samagúting. This Force entered the hills in November 1850, and although they very soon drove the Nágás out of their stockades, a portion of the Force remained in the hills until March 1851, when our Government, loath to increase its responsibilities, determined to abstain, entirely and unreservedly, from all further interference, with the affairs of the Nágás, and withdrew our troops. In the remaining nine months of that year no fewer than 22 raids were made on our frontier, in which 55 persons were killed, 10 wounded, and 113 were carried off into a captivity from which very few indeed ever returned. In 1853, the Government consented to the appointment of a European Officer to the charge of North Kachár. A station was taken up at Asálú, which was then formed into a separate subdivision, subordinate to Náogáọ, and stringent orders were issued, forbidding any interference with the Hill Tribes: the Dhansiri was accepted as the extreme limit of our jurisdiction, and the Angámis were henceforth to be treated as altogether beyond our pale. These measures had the effect, as might easily have been anticipated, of simply temporising with the evils which they were meant to eradicate, and hence we can scarcely be surprised to find that raid followed raid, with a monotonous regularity, which all our frontier posts were completely helpless to prevent. 'Ihus between the years 1852 and 1862 we hear of twenty four such atrocities being committed within the vaunted line of our outposts, and some of them were accompanied with a tigerish brutality, so intensely fiendish, that it is almost incredible that such acts could have been perpetrated by human beings, savages though they were. In 1862, three distinct attacks were made upon our subjects within the short space of twenty-four days. In the first of these, at Borpothar, a Sepoy
was cut down in broad daylight, within a fer paces of a Masonry Guard House, filled with an armed detachment of his companions. In the second, six out of seven elephant-hunters were cruelly massacred; and in the third, a village almost within hail, and certainly within sight, of the Guard House above-mentioned, was attacked and plundered at about 9 a. M., eight persons being killed on the spot, and two children carried off, one of whom the Nágás subseguently cut to pieces on their retreat, on finding themselves pursued. At this juncture, we find our local officers frankly declaring that our relations with the Nágás could not possibly be on a worse footing than they were then, and that the non-interference policy, which sounds so excellent in theory, had utterly failed in practice, and urging therefore that it was necessary to adopt more vigorous measures. Yet notwithstanding much correspondence that passed upon the subject, when all kinds of schemes, possible and impossible, were discussed and re-discussed, nothing more appears to have been done until 1865. In this year, a recurrence of fresh forrays led the officer in charge of North Kachár to represent that the safety of his sub-division was in jeopardy, and it was then that the Government were at last moved into giving their consent to the deputation of an European officer who was to effect a permanent lodgment in the country; and Samagúting (or more properly Chimukedimá) was again occupied by us in December 1867. Since the date of this measure being carried into effect, our chief object liere, namely, the protection of our lowland subjects, has been most completely attained, and I think I may safely say, that the prestige of our Government was never held in higher esteem by our turbulent highlanders than it is at the present moment. This result is due, in a great measure, to the invariable success, attending our numerous exploration expeditions during the last six years, and the complete collapse of every attempt that has been made to prevent our progress, or subvert our authority, during that time. Still, notwithstanding these very satisfactory results, I grieve to say that intestine feuds with all the horrors that accompany their progress are as rife now as ever they were, and it requires no great foresight to predict the possibility-I may even say the pro-bability-of our sooner or later being compelled to take another stride in that inevitable march of progress, in that noble mission of peace, which seems to be our predestined lot wherever the Anglo-Saxon sets foot. Much, very much has already been done by our most just and patient Government, to induce these savages to amend their ways, to convert their " spears into ploughshares", and to live in peace and harmony with all men. But it cannot of course be expected that the predatory habits, and head-taking customs of long generations of anarchy and bloodshed will be abandoned in a day, and we have hence got much earnest work before us, ere we can look forward to the completion of our task. The suake has been
scotched, not killed. And the further measures which it may yet be found necessary to take with regard to the management of the tribes inhabiting this frontier, form an anxious problem of the future into which it is needless my attempting to pry. We must simply watch the "signs of the times" and move with them, being content to know that a powerful Government is in the meanwhile ready to act as circumstances arise, and as the dictates of a true policy direct, confident that the wisdom with which so vast and heterogeneous a mass of nations has been governed elsewhere throughout the length and breadth of India, will also guide us safely through the shoals with which our administration is beset here, finally landing us in that safe haven, a well-governed peaceful country, to which we have every reason to look forward most hopefully.

## Chapter II. <br> Government, Religion, and Manners.

From what I have stated, it will doubtless have already been gathered that the Angámis have no regular settled form of government. With them might is right, and this is the only form of law-or rather the absence of all law-heretofore recognised among them. Every man follows the dictates of his own will, a form of the purest democracy which it is very diffcult indeed to conceive as existing even for a single day; and yet that it does exist here, is an undeniable fact. In every village we find a number of headmen or chiefs, termed Peúmás, who generally manage to arbitrate between litigants. The Nágás being a simple race, their quarrels are generally of a description easily settled, especialis as owing to the fearful effects following a feud once started, they are chary of drawing first blood, and yet at times the most petty quarrel developes into a most serious feud. The actual authority exercised by these Pcúmás, who are men noted for their personal prowess in war, skill in diplomacy, powers of oratory, or wealth in cattle and land, is, however, all but nominal, and thus their orders are obeyed so far only, as they may happen to be in accord with the wishes of the community at large, and even then, the minority will not hold themselves bound in any way by the wishes or acts of the majority. The Nágá Peúmí is, in fact, simply primus inter pares, and often that only pro tem. The title, if such it may be called, is indeed really one of pure courtesy, and depends entirely upon the wealth, standing, and personal qualities of the individual himself. Theoretically, with the Angami, every man is his own master, and avenges his own quarrel. Blood once shed can never be expiated, except by the death of the murderer, or some of his near relatives, and although years may pass away, vengeance will assuredly be taken some
day. One marked peculiarity in their intestine feuds is, that we very seldom find the whole of one village at war with the whole of another village, but almost invariably clan is pitted against clan. Thus I have often seen a village split up into two hostile camps, one clan at deadly feud with another, whilst a third lives between them in a state of neutrality, and at perfect peace with both.

On the subject of religion and a future state, the Angámi appears to have no definite ideas. Some have told me that they believe that if they have (according to their lights be it remembered) led good and worthy lives upon this earth, and abstained from all coarse food, and especially have abstained from eating flesh, after death their spirits would fly away into the realms above, and there become stars, but that otherwise their bodies would have to pass through seven stages of spirit-life, and eventually become transformed into bees; others again, on my questioning them, have replied with a puzzled and surprised air, as if they had never given the matter a thought before, that "after death we are buried in the earth and our bodies "rot there, and there is an end; who knows more?" Still from the fact that they invariably bury the deceased's best clothes, his spear and dáo, together with much grain, liquor, and a fowl, with the body, I think we may safely infer, that they certainly have some vague idea of a life hereafter, the thought of which, however, does not trouble them much. It is at quitting the actual pleasure of living, which he has experienced, that a Níga shudders, and not the problematical torments to be met in a hell hereafter, of which he knows nothing. And as to religion, such as it is, it may be put down as simply the result of that great characteristic, common to all savages, "fear". All his religious rites and ceremonies, his prayers, incanta tions, and sacrifices, are due to a trembling belief that he can thus avert some impending evil. But he is utterly unable to appreciate our feeling of awe, reverence, and affection towards an Omnipotent God. I have known a Chief, on the occasion of the death of his favourite son from an attack of fever contracted whilst out shooting Gúral* in the neighbourhood of his village, don his full war-costume, rush out to the spot, and there commence yelling out his war-cry, hurling defiance at the deity who he supposed had struck down his son, bidding him come out and show himself, impiously cursing him for his cowardice in not disclosing himself. Intense superstition is of course ouly the naturaf corollary to this kind of belief in a god in every hill and valley, a devil in every grove and stream. Undertakings of any importance, such as the starting of a war-party, the commencing of a journcy, the first sowing out, or gathering in, of the erops, de., are never begun without the previous consultation of certain omens, by which they pretend to be able to foretell, whether a sucessful termination

[^1]may be anticipated or not. Among the most common forms of consulting the oracle, one is that of cutting slices off a piece of stick and watching which side of these bits turn uppermost as they fall to the ground; another is, to lay hold of a fowl by the neck and throttle it, and if it dies with its right leg slightly crossed over its left, it is pronounced favourable to the accomplishment of the undertaking whatever it may happen to be. I have known of a large war-party turning back immediately, because a deer crossed their path,-a most unlucky omen. A tiger calling out in the jungles in front is a very lucky sign, whilst if heard in rear, it is just the contrary. In like manner there are several birds whose song if issuing from the left hand side is lucky, but if from the right the reverse.

They have several very curious ways of taking an oath. One of the commonest, as it is one of the most sacred, is for the two parties to lay hold of a dog or fowl, one by its head, the other by its tail, or feet, whilst the poor beast or bird is severed in two with one stroke of a dáo, emblematic of the perjurer's fate. Another is to lay hold of the barrel of a gun, or spear-head, or tooth of a tiger and solemnly declare, "If I do not faithfully perform this my promise, may I fall by this weapon" or animal, as the case may be; whilst a third, and one generally voluntarily offered after defeat, is to snatch up a handful of grass and earth, and after placing it on the head, to shove it into the mouth, chewing it and pretending to eat it , one of the most disagreeable and literal renderings of the metaphorical term "eating dirt" I have ever witnessed. A fourth is, to stand in the centre of a circle of rope, or cane, and there repeat a certain formula, to the effect that, if they break their vow, which they then repeat, they pray the gods may cause them to rot away as the rope rots, \&c.

One among their many strange customs is that of "kénnié", corrupted by the Asamese into "génná," a description of tabú singularly similar to that in vogue among the savages inhabiting the Pacific Islands. This tabú is declared upon every conceivable occasion, thus at the birth of a child, or on the death of any individual, the house is tabued, generally for the space of five days, and no one is allowed to go in or out except the people of the house. Again, any accidental death, or fire in the village, puts the whole village under the ban. In like manner before commencing either to sow or to reap, an universal tabuí has to be undergone, and is accompanied by propitiatory offerings to their several deities, and no man dare commence work before. If their crops have been suffering from the attacks of will animals, a "kénnié" is the remedy,-in fact there is no and to the reasons on which a "kénnie" must or may be declared, and as it consists of a general holitay when no work is done, this Angámi sabbath appears to be rather a popular institution.

If a man has the misfortune to kill another in accident, he is com-
pelled to abandon home and retire into voluntary banishment to some ueighbouring village for the space of three years.

They have a singularly expressive manner of emphasising messages. For instance, 1 remember a challenge being conveyed by means of a piece of charred wood, a chilli, and a bullet, tied together. This declaration of war was handed on from village to village until it reached the village for which it was intended, where it was no sooner read, than it was at once despatched to me by a special messenger, who in turn brought with him a spear, a cloth, a fowl, and some eggs, the latter articles signifying their subordination and friendship to me at whose hands they now begged for protection. It is perhaps scarcely necessary for me to explain that the piece of burnt wood signified the nature of the punishment threatened (i.e. the village consigned to flames), the bullet descriptive of the kind of weapon with which the foe was coming armed, and the chilli the smarting, stinging, and generally painful nature of the punishment about to be inflicted. And only the other day a piece of wood, with a twisted bark collar at one end and a rope at the other, used for tying up dogs with on the line of march, was brought in to me with another prayer for protection. The explanation in this case is of course obvious, namely, that a dog's treatment was in store for the unfortunate recipients of this truculent message. Two sticks cross-wise, or a fresh cut bough, or a handful of grass across a path, declares it to be closed. But of such signs and emblems the number is legion, and I therefore need only remark that it is curious to observe how the "green bough" is here, too, as almost every where, an emblem of peace.

The Angámis invariably build their villages on the very summits of high tabular hills, or saddle-back spurs, running off from the main ranges, and owing to the almost constant state of war existing, most of them are very strongly fortified. Stiff stockades, deep ditches bristling with paujies, and massive stone walls, often loop-holed for musketry, are their usual defences. In war-time, the hill sides and approaches are escarped and thickly studded over with panjies. These panjies, I may here explain, are sharp-pointed bamboo skewers or stakes, varying from six inches to three and four feet in length, some of them as thin as a pencil, others as thick round as a good-sized cane, and although very insignificant things to look at, they give a nasty and most painful wound, often causing complete lameness in a few hours. Deep pit-falls and small holes covered over with a light layer of earth and leaves, concealing the paujies within, are also akilfilly placed along the paths by which an enemy is expected to approach, and a tumble into one of the former is not a thing to be despised, as I hare had good reason to know. The approaches to the villages are often up through tortuous, narrow, covered ways, or lanes, with high bauks ou cither side,
lined with an overhanging tangled mass of prickly creepers and brushwood, sometimes through a steep ravine and along the bed of an old torrent, in either case admitting of the passage of only one man at a time. These paths lead up to gates, or rather door-ways, closed by strong, thick and heavy wooden doors, hewn out of one piece of solid wood. The doors are fastened from the inside and admit of being easily barricaded, and thus rendered impregnable against all attack. These doors again are often overlooked and protected by raised look-outs, on which, whenever the clan is at feud, a careful watch is kept up night and day ; not unfrequently the only approach to one of these outer gates is up a notched pole from fifteen to twenty feet high. The several clans, of which there are from two to eight in every village, are frequently divided off by deep lanes and stone walls, and whenever an attack is imminent, the several roads leading up to the village are studded over with stout pegs, driven deep into the ground, which very effectually prevents anything like a rush. On the higher ranges, the roads connecting the several villages, as well as the paths leading down to their cultivation are made with considerable skill, the more precipitous hills being turned with easy gradients, instead of the road being taken up one side of the hill and down the other as is usually the case among hillmen.

Their houses are built with a ground-floor, the slopes of the hills being dug down to a rough level, no mat covers the bare ground. They are generally placed in irregular lines, facing inwards, and are constructed after a pattern I have never seen anywhere except in these hills. These houses have high gable ends whose eaves almost touch the ground on either side, this I believe to be a precaution against high winds. The gable in front, which, in the case of men of wealth or position, is often decorated with broad, handsome weather boards, is from 15 to 30 feet high, and the roof slopes off in rear, as well as towards the sides, the gable at the back being only about from 10 to 15 feet in height. In width the houses vary from about 20 to 40 feet, and in length from about 30 to 60 feet. In many of the villages each house is surrounded by a stone wall, marking off the "compound" so to say, wherein the cattle are tethered for the night. Half the space under the front gable, is often walled in with boards as a loose stall, and bamboo baskets are tied up under the caves of the house to give shelter to their poultry. Pig-styes also, in the corner of a compound, are not uncommon. The house itself is divided off into from two to three compartments according to the wealth or taste of its owner. In the front room, the grain is stored away in huge baskete made of bamboo from 5 to 10 feet high and about 5 feet in diameter. In the inner room, there is a large open fire-place, and around it are placed thick, broad planks, for sitting and slecping upon, and the back room of all generally
contains the liquor tub, the most important piece of furniture in the house in the Nágá's estimation. In this they brew their "dzá", a kind of fermented beer, made of rice and other ingredients, composed of herbs found wild in the jungle. This liquor is the Angámi Nágá's greatest solace, for strange to say never indulging in either opium, or tobacco (as many of his neighbours do), he may be seen sipping this "dzú", either through a reed (after the manner of a sherry cobler), or with a wooden or bamboo spoon out of bamboo or mithan horn drinking cups, from morn to night.

Close to their villages, on either side of the road, as well as within, sometimes not a couple of yards from their houses, they bury their dead, raising over them large mounds, square, round, and oblong in shape, the sides being built up with large stones; sometimes an upright stone, or an effigy cleverly carved in wood, is added. In the latter case this grotesque caricature of the "human form divine" lying below, is decked out in a complete suit of all the clothes and ornaments worn by the deceased including a set of imitation weapons, the originals being always deposited in the grave with the body. In one instance I remember coming across a grave by the road side several miles away from any village, and on enquiry, learning, that it had been purposely placed there, exactly half way between the village in which the deceased had been born, and that in which he had died, and had passed the latter portion of his life. This was done, I was told, so as to enable his spirit to revisit either.

Huge monoliths, or large upright stones, which have been the subject of so much remark elsewhere, and which are to be met with all over the world, exist here too, and are not only to be found as remains of the past, but their erection may be witnessed almost any day at the present time. These monuments are erected, either singly, or in rows, and are meant to perpetuate the memory, sometimes of the dead, when they are in fact nothing more nor less than simply tombstones, sometimes of the living, in which case we may look upon them much in the light of statues. Thus I remember being considerably astonished some three years ago when the villagers of Sákháboma were pleased to raise such a monument to mr humble self, a great compliment which was repeated last year by another village east of the Sijio. These stones, which are often very large, and have sometimes to be brought from long distances, are dragged up in a kind of sledge, formed out of a forked tree on which the stone is levered, and then carefully lashed with canes and crecpers, and to this the men, sometimes to the number of several hundreds, attach themselves in a long line and by means of putting rollers underneath they pull it along, until it has been brought up to the spot where it has been previously decided tinally to cment it. Here a small hole is then dug to receive the lower end of the stone, and the sledge being tilted up on end, the lashings are cut adritb, and the
stone slides into position; some leaves are then placed on the top and some liquor poured over it. This done, a general feast follows, and the ceremony is complete.

The average Angámi is a fine, hardy, athletic fellow, brave and warlike, and, among themselves, as a rule, most truthful and honest. On the other hand, he is blood-thirsty, treacherous, and revengeful to an almost incredible degree. This, however, can scarcely be wondered at when we recall what I have already related regarding revenge being considered a most holy act, which they have been taught from childhood ever to revere as one of their most sacred duties. The " blood-feud" of the Nágá is what the "vendetta" of the Corsican was, a thing to be handed down from generation to generation, an everlasting and most baneful heir-loom, involving in its relentless course the brutal murders of helpless old men and women, innocent young girls and children, until, as often happens, mere petty family quarrels, generally about land or water, being taken up by their respective clansmen, break out into bitter civil wars which devastate whole villages. This is no "word-painting" on my part, for I am here speaking of actual facts and a most deplorable state of affairs which seems to have existed from time immemorial, and is to be seen in full force up to the present day, a terrible check not only to the increase of population, but also a fatal barrier to all moral progress. I must confess it is not a little disheartening to think how long and how arduously we have striven, and yet how little we have done towards improving, civilizing, and weaning from their accursed thirst for blood, this otherwise noble race. But it is simply the old, old story, precept and example, the only neans we have heretofore employed, worthy tools though they be, are perfectly powerless before the traditions of untold ages of anarchy and warfare. Thus we even find Nágás, who have acted for years as Dobháshas (Interpreters) at Samagúting, others as Policemen in Naugáon, some as Sepoys in Dibrúgarh, and not a few who have been educated under the parental care of kind missionaries, and have spent several years in the plains, where they have been taught to read and write, and have doubtless had very carefully inculcated into them the lessons of virtue and peace taught by our Christian religion, returning to their native hills not, as we should at first suppose, to render us any assistance in our good work here of endeavouring to secure peace, but rather on the contrary to indulge again and take part in all the scenes of rapine and cruelty going on around them, until at last it is difficult to say whether their evidently superficial, slin-deep education has not rather tended to enable them to out-Herod Herod in their wily plots of deep-laid treachery, or as they would call it "skilful strategy"; scratch the Dobhásha and you will find the Nágá.

In leight, the Angámi as a rule is somewhat taller than the average
of hill races, and is generally well proportioned, especially as regards his legs, the large muscles of the thigh and calf being remarkably well developed. His complexion is comparatively fair, though among them, as among almost all the Indo-Chinese races, we meet with various shades of brown, from the almost ruddy and light olive to the red-Indian and dark brown types. I do not, however, ever remember seeing a black Nágá, I mean a black such as is common in Bengal, except in one instance, and then further enquiry elicited the fact that he was not a pure Nágá at all, but the son of an Asamese captive who became naturalized, and was afterwards allowed to take unto himself a daughter of the land (of his involuntary adoption). In feature also there is great variety, but ligh cheek bones predominate. The men of the upper ranges are really often alnost handsome, and some of the women might almost be called pretty. But as regards the latter, hard work and exposure, coupled with the trials of early maternity, soon tell a tale, and I have been quite surprised and grieved to see how soon they age. In little more than six years I have seen mere children develope into comely lasses, and these latter again into sturdy matrons, whilst I have watched wives and mothers, whose youthful looks at first surprised me, change suddenly into wrinkled old women with scarcely a trace of their former good looks about them. I confess, however, that beauty of form is not the rule in these hills. Whether it is that the more or less lavish display of such clarms as they possess, enables us the better to exercise a discriminating judgment upon the beauty, or want of beauty, their forms display, I cannot pretend to say, but this much I do know, that here we may seek, and seek in vain, for any of the soft contours and lovely outlines which give shape to the persons of the women of other races. At the same time I must add that I have not failed to notice that hill women all over India, from the fair dwellers in Kashmír to their dark sisters inhabiting the uplands of Bengal, all fall off in this particular, and are very rarely indeed, if ever, able to boast of a good figure.

As with the men, so with the women, I think they are certainly taller than the average of other hill-women, and their features more regular. They are chaste, faithful, merry, and-unlike their brothers-never to be seen idle. Their duty it is to fetch the wood, draw the water, cook the food, and brew the liquor, besides working in the fields and waving eloths at home. It will be observed that among the eharacteristics of the women I have placed chastity, and it may be as well perhaps for me to explain that by this term I do not for a moment mean to say that they are exactly chaste according to our idens, but simply that they are true to and act up to, their own principles with regard to that virtue. The relationship between the sexes, and the exact footing on which it should stamd, is, and ever has been, one of the world's most difticult problems, and the most
civilized and advanced among nations (whether ancient or modern, Christian or heathen) have found how difficult is the task of sailing between the Scylla of a Puritanical strictness which would keep the sexes almost wholly apart, and the Charybdis of a laxity to which it is difficult to put bounds. Here we have got a primitive state of society which, although it would not for a moment recognize, or even allow to exist, that plague euphemistically termed a " social evil", and although it punishes any serious breach of the marriage contract with death itself, yet never dreams of conceiving it possible that perfect continence on the part of the unmarried (or free portion of society) is to be either demanded or even desired. It may be asked, What are the consequences? I reply-Prostitution is a thing unknown here, and all the foul diseases that follow in its train, are evils to which Nágá flesh has not been born an heir. Here no Nágá Lais plies her shameful trade. A Nágá woman would scorn to barter for her person. And woe betide the mercenary lover who seeks to gain his end by other ways than those of love. Young men and maidens mix together with almost all the freedom allowed by nature's law. Incontinence on the part of the married however is rare, and an unfaithful wife is a thing almost unheard of, but then the penalty is death. Marriage and divorce are among the simplest of their rites, and sad to say, often follow each other within the year without comment or surprise. "Incompatibility of temper" is here quite sufficient for either the man or woman to demand a divorce, and to take it. Although strictly monogamous, both sexes can marry and remarry as often as they please. Such offspring as require the maternal aid follow the mother, and are tended and cared for by her until able to look after themselves, when they return to the father. Men may not only marry their deceased wives' sisters, but they may likewise marry their brothers' widows. On the other hand, it is altogether forbidden for cousins to intermarry. Parents may advise, but never attempt positively to control, the choice of their sons and daughters. Marriage is usually solemnized by a large feast, and the bridegroom, when he can afford it, makes a present to the bride's parents. Divorce necessitates a division of all property held in common, such as grain, household furniture, \&c., and all property derived since the two became man and wife. In any division thus made, the late wife or divorcée gets one-third, whilst the man takes the remainder, and the woman then either returns to her own parents, or lives apart in a separate house until she marries again.

On the death of the father all property, excepting the house, is divided equally among all the sons alone, the youngest always receiving the house in addition to his share of the whole. Neither the widow nor daughters have any claim to aught except their clothes and ormaments, but they are generally supported by the sons until death or marriage.

The only mational, offensive weapons, used by the Angami, are the spear
and dáo, but of late years they have managed to becone the proud possessors of a considerable quantity of fire-arms, to obtain which is just now one of the keenest desires they have; in fact, an Angámi will give almost anything he has for a gun, and if he cannot get it by fair means, will run almost any risk to get it by foul. In several cases of gun thefts, some of which have been accompanied by murder, they have certainly proved themselves wonderfully bold and dexterous. The spear is generally a very handsome one, and at close quarters, or when thrown from an ambuscade, is a formidable weapon, well calculated to inflict a most dangerous wound. At anything over thirty yards, however, it is but of little use, and is not very difficult to dodge even at two-thirds of that distance. The spear-head is of iron, varying from 18 inches to 2 feet in length, and from 2 to 3 inches in breadth. Its shaft is generally from 4 to 5 feet in length, and is usually very picturesquely ornamented with scarlet goat's hair, here and there intermingled with a peculiar pattern of black and white hair; sometimes, though rarely, the whole shaft is beautifully worked over with scarlet and yellow cane, and it is always tipped at the bottom with an iron spike of from three inches to over a foot in length, used for sticking it into the ground. A Nagá would never dream of leaving lis spear against a wall. It must be always kept in a perpendicular position, either by being stuck upright into the ground or by being suspended against one of the walls of the house, so as to kecp it perfectly straight. On the war-path every Angámi carries two of these spears. The dáo is a broad-headed kind of hand-bill, with a heavy blade about 18 inches in length and only edged on one side. This dáo is invariably worn at the back of the waist in a rough sort of half scabbard made of wood. The only article of defence they possess is a large shield from 5 to 6 feet ligh, 2 feet broad at the top and tapering down to about a foot in breadth at the bottom. This shield is made of bamboo-matting, and is covered with either the skin of some wild animal (elephant, tiger, leopard, and bear being among the most common), or a piece of cloth, generally scarlet. In the latter case, or even without the cloth, it is decorated with pieces of skin cut so as to represent human heads, and tufts of scarlet goat's liair, whilst on the iuside is attached a board, so as to make it spear-proof. From each corner of the upper end of the shield spring two cane horns from $2 \frac{1}{2}$ to 3 feet in length, decorated with the long flowing tresses of human hair taken in war-probably the locks of some unfortunate woman butchered at the water hole-intermingled with goat's hair dyed scarlet; and from the centre rises a plume about 3 feet long of scarlet goat's hair, tipped at the top for about 4 inches in depth with white goat's hair, and along the top edge runs a fringe of white, downy feathers. Along the inner edge, a string of lappets, made of feathers of varions
hues, white, black, blue, and scarlet, wave to and fro most gracefully, at every motion of the shield. Besides the spear, dáo, and shield, I must not omit to mention that, when proceeding out on a forray, they invariably take with them several bundles of "panjies", with which they rapidly cover the path on retreat, so as to disable and retard any party that may start in pursuit.

The only implements of husbandry they use, are the dáo described above ; an axe common to almost all the tribes on this frontier, notable for its small size; and a light hoe, especially remarkable for its extraordinarily crooked handle, which necessitates a very bent position, in order to use it. The handle of this hoe is only about from 18 inches to 2 feet in length, and the iron tip from 6 inches to a foot in length. With these very simple articles they do all their tillage, both in their terrace cultivation and in their 'jhíms'. The soil of the terraced lands is extremely good; and from being kept well manured and irrigated, by means of artificial channels, along which the water is often brought from very long distances by means of aqueducts, ingeniously constructed of hollowed out trees, and sometimes bridging deep ravines, it yields a very large return. The rice for the terrace cultivation is generally sown in March, transplanted in June, and reaped in October. The rice in the jhums-a system which, it is perhaps needless for me to explain, entails fresh land being taken up every three or four years-is generally sown broad cast in April and harvested in August. Besides rice, of which there are several sorts, the Nágás grow a kind of coarse dál or field-pea, Indian-corn, and several varieties of small grains, such as that which the Asamese call "koni-dhán ", not to mention various kinds of yams, chillies, ginger, garlic, pumkins, and other vegetables, as well as cotton, which latter, however, is restricted to the lower ranges and low valleys.

With regard to domestic animals, the Angámi breeds cows (of a far superior kind to those met with in Asám), pigs, goats, dogs, and fowls, both for the purpose of food as well as for sale and barter. Roast dog is considered a great delicacy, and is supposed to be a particularly good diet for certain diseases. As may be easily understood, they are not nice feeders, and I believe there is really scarcely any single thing that walks, crawls, flics, or swims, that comes amiss to their voracious stomachs, and I have often been astounded to see the filthy carrion they can devour, not only with impunity, but with evident relish. And yet strange to say, good fresh milk is entirely repugnant to them, and they pretend that its very smell is enough to make them sick.

Finally, as regarls the dress of the Angámi, I do not think that we can casily find a more picturesque costume anywhere than that of the men, but it requires to be seen to be understood, and I an afraid no amount of description can aderguately represent the vivid colours, and general get-
up of a well-dressed Angámi warrior, flashing about in all his gala warpaint, as he goes bounding along, making the hills re-echo again and again with his peculiar cry, which when taken up by several hundred voices has a most extraordinarily thrilling effect, sometimes going off into deep basstones that would do credit to any organ accompaniment, at others running into strangely fiendish, jackal-like yells.

The Angámi's chief article of attire, and one which distinguishes him from most other Nágás, is a kilt of dark blue or black cotton cloth of home manufacture, varying from $3 \frac{1}{2}$ to $4 \frac{1}{2}$ feet in length, according to the size of the man, and about 18 inches in width, decorated with three, and sometimes, though very rarely, with four, horizontal rows of small white cowrie-shells. This kilt passes round the hips and overlaps in front, the edge of the upper flap is ornamented with a narrow fringe, whilst the under-flap having a string attached to its lower corner is pulled up tightly between the legs, and the string, which generally has a small cowrie attached to the end of it, is then either allowed to hang loosely a few inches below the waist belt, or is tucked in at the side, and thus the most perfect decency is maintained, forming a pleasing contrast to some of their neighbours " who walk the tangled jungle in mankind's primeval pride ". I do not think that any dress that I have ever seen, tends so much to show off to the very best advantage all the points of a really fine man, or so ruthlessly to expose all the weals points of a more weedy specimen as this simple cowrie-begirt kilt. Thrown over the shoulders are geuerally, loosely worn, from two to three cotton or bark, home-spun cloths, according to the state of the weather. Some of these cloths are of an extremely pretty pattern, as for instance the very common one of a dark blue ground, with a double border of broad scarlet and yellow stripes on two sides, and fringed at both ends. When out on the war-trail, or got up for a dance, these cloths are worn crossed over the breast and back, and tied in a knot at the shoulder.

I may here note that, like our own Scotch Highlanders, every Nágá tribe uses a peculiar pattern of cloth, and thus any individual can at onco be easily identified by his tartan.

The Angámis cut their hair short in front, and either brush it off the forehead, leaving it parted in the middle, or let it hang down straight, coming to about an inch above the eyebrow, after the manner of Cromwell's Round Heads. The hair on the top and back of the head is left loug, and is tied into a peculiar knot, very like the chignons worn by our laties in England a few years ago. Round this knot rolls of show white cotton are bound, and on high-days and holidays into the base of this top knot they insert plumes of feathers according to the taste of the wearer. The favourite feather assumed by the warrior is the tail feather-white with a
single broad bar of black at the top-of one of the numerous kinds of Toucans, or Horn Bills, that inhabit the dense forests of the Barrail mountains. So much are these tail feathers sought after on this account, that a single feather will fetch as much as from 4 to 8 annas. Some again wear a wreath or coronet of bear's hair round the head, whilst others frizzle out their own natural hair à l'Impératrice. In their ears they wear several kinds of ornaments, but among the handsomest is the one formed of a boar's tusk behind the lobe of the ear fixing on, and forming the sheath to, the stem of a peculiar button-like rosette worn in front of the ear. This rosette is about an inch and a half in diameter ; in the centre are two emerald green beetle's wings (from the Buprestis sternicornis), round which are a circle of long shiny, white seeds, and on the outside of this again an encircling fringe of scarlet hair, whilst from the lower portion flows down a long scarlet streamer of goat's hair. The tusk is generally ornamented round the base with very pretty red and yellow cane-work. Another extremely becoming ear ornament is made from the blue feathers of the jay. Brass earrings are also very common; but the most curious ear ornaments of all perhaps are the huge bunches of white cotton, sometimes as big as a man's fist, which some of the Nágás wear, giving a most queer monkey-like look to an otherwise not bad looking countenance. Strings of various coloured beads made of stone, shell, and glass, decorate their throats, the blood-red cornelian of a long hexagonal shape, and a peculiar yellow stone being among the most valued. Behind and on the nape of the neck is invariably worn the white conch shell, cut and shaped so as to fit properly, and suspended by a thick collar of dark blue cotton threads. A few also wear a queer barbaric-looking collar or scarf-for I have seen it worn both ways,made of long locks of human hair intermingled with tufts of scarlet goat's hair and dotted all round with cowrie shells, from the bottom of which is suspended an oblong piece of wood, about 6 inches in length and about 4 inches in breadth, covered with alternate rows either of cowries, or the long, shiny, white seeds already referred to as used in the ear ormament, and black and red hair, and having a broad fringe of scarlet hair all round it.

Each arm is decorated either with a broad ring of ivory, being simply a slice about 2 inches wide cut off an elephant's tusk, or with very pretty looking bracelets about 3 inches wide, made of yellow and red cane, which are sometimes embellished with cowries and hair. All these armlets are invariably worn above the elbow.

On the legs just below the knee, they wear a number of bands of very finely cut cane dyed black, whilst a few wear leggings made of very fine red and yellow cane-work, extending from below the knee to above the ankle. These are usually worked on to the leg, and are left there until they wear out, which happens I am told in about three months.

It is strange to note how fond all nations, whether civilized or savage, are of bestowing some outward sign whereby all men may at once distinguish the man of deeds from the common herd, and thus we here find that the Angámi equivalent for a V. C., or "reward of valour", is a 'Toucan's tail feather and hair collar, whilst the substitute for a medal, showing that the wearer has been in action, or at all events that he has formed part of an expedition, is cowrie shells on his kilt.

The dress of the women, though neat, decent, and picturesque in its way, is not nearly so showy as that of the men, and forms another noticeable instance of the female withdrawing from the contest wherever she finds the male a rival in the same field of indulgence in, and love of, personal decoration. The most important perhaps, though least seen, portion of a woman's dress is of course the petticoat, which is usually a piece of dark blue home-spun cotton cloth, about 2 feet in breadth, which passing round the hips overlaps about 6 inches. This is partially, if not entirely, covered by the folds of the next most important article of clothing, a broad cotton cloth, whose opposite corners are taken up and made to cross over the back and chest, thus covering the bosoms, and are tied in a knot over the shoulders. Finally, a second cloth is worn, either thrown loosely over the shoulders, or wrapped round the hips and tucked in at the waist. In the cold weather, they generally add an extra cloth, whilst in the warm weather, or when employed in any kind of hard work, such as tilling their fields, \&c., they generally dispense with both these, and drop the corners of the other, or in other words simply strip to the waist.

Round their throats they love to load themselves with a mass of necklaces of all kinds, glass, cornelian, shell, seeds, and stone. In their ears the young girls wear a peculiar pendant formed of a circular bit of white shell, whilst the matrons generally dispense with earrings altogether. On their wrists above their elbows they wear thick heavy bracelets, or armlets, of brass, and a metal that looks like pewter. The young girls until they marry shave their heads completely, a very queer, ugly custom for which I have never succeeded in getting any adequate reason, nor can I suggest one. The married women braid or loop up their hair very much after the manner of the Irish peasantry, often adding a few foreign locks to make up for any deficiency. Brides are generally to be recognized at a glance, from their hair leing allowed to fall in waving masses round the head, not being long enough to be tied up.

The accompanying admirable illustrations by Lieut. R. G. Woodthorpe, R. E., my able colleague and invaluable companion in the two last exploration expeditions into the Nágá Hills, will I trust enable my readers fully
to appreciate the leading features of some of the most interesting races that inlabit this frontier.

Plate XIX represents an Angámi Nágá of Chédémá in his war-dress, with loins girt up, and carrying two spears, ready for action.

Plate XX is an Angámi woman from Khonomá.
Plate XXI, Fig. 1 is a young unmarried lass from Jotsomá, weaving in front of her father's house.

Fig. 2 is the sledge used by the Angamis for dragging up heavy monumental stones.

Fig. 3 is the sketch of a well-to-do Angámi Nágá's house in Rezámi.
Fig. 4 are two heads (man and woman) of individuals from Themijúmá (Eastern Angámis).

Fig. 5 is the sketch of an effigy over an Angámi warrior's grave at Kohima.

Fig. 6 represents the Eastern Angámi dáo.
Fig. 7 is the white shell ornament for the nape of the neck.
Fig. 8 is the Angámi ear ornament, mentioned above.
Plate XXII is the likeness of Soibang, the Chief of Bormúton (or Chopnú).

Plate XXIII is the likeness of Phemi, the wife of the Chief shown in the previous illustration.

Plate XXIV is a Hattigoriá Nágá, and
Plate XXV is Assiringia, a woman of the same race.
I may here observe that several figures have been here introduced merely for purposes of comparison and illustrate Tribes to which my notes here do not refer to at all; I hope, however, should this paper prove of any interest, that hereafter I may be enabled gradually to furnish notes on these races also.

Journal, Asiatic Suciety of Bengal, Part I, 1875.


Phetozinegeraphed at the Surveyor Gemeral's Office Caleutts



SOIBANG VANGAM of CHOPNU, BORMUTAN.


Thotozincagraplod nt the Survyrur Cormereis Offive Coleutta.



Fhotorincographed at the Surveyor General's Otfice Calrutta

## Cinapter III.

## Geology and Natural History.

As regards the geology and physical aspect of the country occupied by the Angámis and their neighbours, I cannot do better than quote from a report from the talented pen of my friend Major Godwin-Austen who states as follows:
"The dead level portion of the Dhansiri valley comes to an end a few miles to the west of Dimápúr, and at a very short distance towards Samagúting. The surface gradually rises over the broad conglomerate deposits, swept down out of the gorges of mountain streams like the Diphú-pání. The first line of hills rise abruptly to 2000 feet with a strike with the strata north-east and south-west, dipping south-east towards the main range at about $30^{\circ}$ on the crest, the dip increasing rapidly northwards until nearly perpendicular at the very base, probably marking a great uninclinal bend in the rocks. These consist of sandstones, very thickly bedded in the upper portion, of red and ochre colour, interstratified with thinner beds of an indurated light coloured clay, nodules of which are very numerous and conspicuous in some of the soft sandstones. In exposed sections, such as that near the new tank at Samagúting, the strata are seen to be closely faulted in direction of the strike, the up-throw never exceeding a few feet. 'These beds I should refer to the Siwálik series. No mammalian remains have as yet been found in the neighbourhood. Nowhere is a better and more comprehensive view obtained of the broad alluvial valley of the Dhansiri and its great forest than from Samagáting. Mile beyond mile of this dark forest stretches away and is lost in the distant haze. During the cold weather this is, usually in the early morning, covered with a dense woolly fog, which about 10 o'clock begins to roll up from the Brahmaputra against the northern slope of the Barrail, and often langs over Samaguting and all the outer belt of hills late into the afternoon, when the increasing cold dissipates it. The sandstone ridge, on which Samagúting is situated, runs parallel with the Barrail at a distance of 15 to 16 miles, measured from crest to crest. The Barriil rises very suddenly on its northern face, and the intervening country for a breadth of 8 miles is very low, forming a miniature dhun. This intermediate depression continues westward for many miles: the outer range marked by the hills of Phegi and Laikek. It terminates to the eastward on the Kadiúba spur, thrown off from the high north-east extremity of the Barrail, and this spur coincides with the great east upthrow of the Sub-Himálayan rocks composing the highest part of that range, and this I believe is a great north-iorth-west-south-south-east dislocation in the mountain mass, marked by the course and gorge of the Zúbjá. This dislocation is, I think, also intimately connected with the change in diree-
tion of the main axis of elevation, which has thrown the line of main watershed away to the south-east from its normal south-west-north-east direction, which it assumes at Asálú. The dip of these tertiary rocks of the Barrail is steadily to the south-eastward throughout the whole distance, but it gradually changes round to due west, the beds on the highest part, Japvo, turning up at an angle of $35^{\circ}$ west. These higher beds are fine slightly micaceous, ochre grey sandstones, very massive and weathering pinkish grey. From this the elevated out-crop of these sandstones tends to south, and is continuous south of the Barak in that direction right away into Manipur, conforming with the change in the strike of all the ridges, the parallelism of which is such a conspicuous feature of the physical geography. To the north-north-west the great change in this mountain system is marked by the broad re-entering arm of the Dhansiri, and the sudden appearance of the granitic series in force in the Mikir and Rengmá Nága Hills, seen in the bed of the Nambor, and which becomes the principal feature eastward as far as the Gáro Hills. Extensive and thick-bedded deposits of clay and conglomerate are seen in the Samagúting dhun, forming broad plateau-capped spurs. I had no time to examine these closely. They appeared to be nearly horizontal, and may belong to the highest beds of the Siwálik formation or the remains of deposits formed prior to the cutting through of the Diphú-pání gorge. Analogous deposits to the last occur in the North-West and Panjáb Himálaya. At the base of the Barrail, proceeding to the depression at the sources of the Zullo and Sijjo, the Sub-Himálayan rocks pass downwards into thin-bedded sandy shales, with a steady westerly underlie. Whether the lowest beds represent nummulitic or even cretaceous rocks, it is impossible to say. The thickness is very great, at least 3000 feet ; they rest on an older series of rocks with a totally different lithological aspect. There is uncomformability not always apparent, for they partake of a general westerly dip. The strong bedded younger rocks are but little disturbed, and on the east of the Sijjo come in again at Telligo, nearly horizontal, with a slight dip to east on the main ridge towards Kopamedza, marking an anticlinal axis ; their horizon is however lower. The older beds on the contrary are much crushed, and change their dip and strike very frequently, the result of prior disturbance. 'They are composed of clay slates and very dark blue, friable shales, alternating with others of pale ochrey tint. They are saliferous, and veins of milky quartz are occasionally seen. Several salt springs occur near the bottom of the Zullo valley, under Viswemah, where the Nágís evaporate the water to obtain it. A warm mineral spring also occurs here. Evidence of past glacial action is very marked on the north-east side of the Barrail, where its elevation is close under 10,000 feet. Small moraines project beyond the gorges of the lateral valley. These moraines originally consisted
of much earthy matter due to the soft sandstones out of which they are derived. This and long surface weathering has led to their being well cultivated and terraced, but the original lines of larger angular blocks are still apparent. Through these moraines the present streams have cut their channels down to the solid rock, leaving the slopes at an angle of $45^{\circ}$, out of which project great masses of the subangular sandstones. The thickness of the moraine at Kigwémá is quite 300 feet at the terminal slope, and the length of the former glacier would have been four miles to the crest of range at Japvo. At the head of the Zullo, traces of this former state of things are shown by the even height at which large transported blocks of the tertiary sandstones lie up against the sides of the ravine, resting on patches of rubble. No part of the Barrál is more beautiful than that between Kigwémá and Sopvoma, looking up the lateral glacial gorges, with their frowning steep sides rumning up to the crest of the Barrail, which is for the greater part a wall of grey rock and precipice. Dense forest covers the slopes, but from their steepness many parts are bare, breaking the monotony of this dark coloured mountain scenery. Where the steep rise in the slope commences, the spurs are at once more level and are terraced for rice cultivation. Not a square yard of available land has been left, and the system of irrigation canals is well laid out. I have never, even in the better cultivated parts of the Himálayas, seen terrace cultivation carried to such perfection, and it gives a peculiarly civilized appearance to the country."

The Botany of the Nágá Hills has still to be described, but this is a speciality only to be undertaken by an expert, to which title, I regret, I am unable to lay any claim whatever. I must therefore content myself with observing that oak, fir, birch, larch, apple, and apricot, are all to be found here, besiles numerous other trees common to Asám, Of orchids there is a very great variety indeed. Indigenous tea is found growing all along the low northern slopes at the foot of the Barrail. Among the jungle products I may mention bees-wax, India-rubber, tea seed, and several fibres, besides red, yellow, blue, and black dyes.

As with the Botany, so with the Natural History, we require men who have devoted their lives to its study, to do the subject justice. I will therefore not attempt to do more than furnish the following list of some of the chief among the wild animals that I am personally aware are all to be found in the tract in question.

1. Elephant-Elephas Indicus. These animals swarm throughout the Dhansiri valley, and are found all along the low ranges of the Barráal, but are rare in the high Angámi country.
2. Rhinoceros-Rhinocerus Indicus. ) These two animals are rare,
3. Wild Buffalo-Bubalus Arni. \{and are only to be met with in the Dhamsiri valloy.
4. Mithan-Gaveus frontalis. These affect the forest-clad shades of the lower hills.
5. Tiger-Felis Tigris.
6. Leopard-Paridus. The black and clouded species of Leopard are also occasionally met with.
7. Hill Black Bear-Ursus tibetanus.
8. Indian Black Bear-Ursus labiatus.
9. Badger-Arctonyx collaris.
10. Wild Boar-Sus Indicus.
11. Sambar Deer-Rusa Aristotolis.
12. Barking Deer-Cervulus Aureus.
13. Gooral-Nemorhadus goral.
14. Civet Cat-Viverra Zibetha.
15. Tiger Cat—Felis Marmorata.
16. Common Wild Cat-Felis Chaus.
17. Pangolin-Manis pentadactyla.
18. Porcupine-Hystrix leucura.
19. Hoolook-Hylobates Hooloole.
20. Langur or Hanuman-Presbytis Schistaceus.
21. Common Monkey-Inuus Rhesus.
22. Otter-Lutra vulgaris.
23. Bamboo Rat-Rhizomys badius.
24. Common Brown Rat-Mus decumanus.
25. Black Rat-MIus Rattus.
26. Black Hill Squirrel-Sciurus macruroides.
27. Common Striped Squirrel-Sciurus palmarum.
28. Gray Flying Squirrel-Sciuropterus fimbriatus.
29. Brown Flying Squirrel-Pteromys petaurista.

Among Game Birds I would mention the following :-

1. Peacock-Pavo assamicus (very rare and only in the plains).
2. Deo Derrick Pheasant-Polyplectron tibetanum. Very numerous in the plains, valleys, and low hills, but ouly where there is dense forest.
3. Derrick Pheasant—Gallophasis Horsfeldii.
4. Argus Pheasant-Ceriornis Blythii (very rare and only on the Barráil Mountains at high elevations).
5. Jungle Fowl-Gallus Banteiva (?)
6. Hill Partridge-Arboricola rufogularis.

## Chapter IV.

## Language and Grammar.

It is perhaps needless for me to state that the Angámis have no written language whatever. I have hence adopted the Roman character, and the plan I have followed for designating the long sound of all vowels has been by placing an accent immediately over the vowel; thus á is to be invariably pronounced like the English long a, as pronounced in such words as " mast", "father", "ask", \&c.; é like the English a in "fate", or e in "prey", "convey", \&c.; í in like manner as the French i, or English ee, as in "peep", or i as it is pronounced in such worls as "fatigue", " marine", \&c.; $\sigma$ as the o in notice; and finally ú similarly to the English long o in " move", "prove", \&c., or oo as in " school", "tool", "fool", \&c. This system, I may also add, is the one I have followed in the spelling of all proper names.

I may here premise that laying no claims to philological lore of any kind, but on the contrary aspiring only to the humble position of a worker in the field, whose duty it is to collect and construct the bricks alone, so to say, of that science, I shall not even hazard a guess as to what great family of languages the Angámi belongs, but prefer to leave that question for abler pens to decide. I may, however, say that in common with the tongues spoken by most, if not all, other nations in a similar state of civilization, or rather barbarism, the Angámi is slightly, though not altogether, monosyllabic and most simple in its structure, its root words undergoing very little change except for the purpose of symphony.

The gender of nouns is denoted by different words for the different sexes, as :
"Théproma" (often contracted into "themma" and " ma"), a man.
"Thenúma", a woman.
"Apó", father ; " A'zo", mother.
"Nopvo", husband; "Kimá", wife.
Also by a change of termination, when the first syllable of the word is dropped; thus " mithú", a cow generally, whether male or female, "thiddo" a bull, "thúkr", a cow (female); "télhú," a tiger generally, whether male or female, "khípvo" a tiger (male), "khíkr" a tigress; and often by the addition of the abbreviated forms of the terms "poshi", male, or "pokr", female; thus "chúshi" a male elephant, "chú-kr" a female elephant. And sometimes by the addition of the terms "thépvoma", man, and "thenúma", woman; thus, "núno" n cat, whether mate or female, becomes "núno thépvomá" a male cat, and "núno thenúmí" a female cat,

The plural is obtained by simply adding the termination " ko" to the
singular; as " thépvomá" a man; " thépvomáko" men; " leéthé" a stick, " léthéko" sticks. But when a numeral is used, the noun remains in the singular, as " thépvomá péngú" five men, " kéthé súrủ" six sticks.

They have got a queer way of dropping the first syllable, or prefix, of certain substantives, apparently for sake of euphony, when employed in the body of a sentence; thus, for instance, a dog is "tefoh", but Whose dog is $4 \begin{array}{llll}4 & 1 & 2 & 3\end{array}$
that? is " Háo sópo foh gá"; and again, a spear is "réngú", but my spear is "ángú", where it will be observed that the "te"" in the former, and the "re" in the latter example, are entirely dispensed with.

Cases are not marked by inflection, nor by the addition of any affix, except in the ablative when the particle "ki", from, is affixed.

Adjectives appear to be invariably placed after the nouns they qualify, and have no change of termination for number, case, or gender ; as "thépvomá kévi" a good man; "téfoh késho kénná" two bad dogs; "chú kézá" a great elephant.

The comparative degree is formed by the positive adjective being preceded by "ki", as "lezá" great, "ki kézá" greater; and the superlative by adding "shwé", " tho", or " péré", to the positive; as "lézá shwé", "kézá thó", or "rézá pére"", extremely great or greatest.

The pronouns are as follows:

| I | A. | This | Há́. |
| :--- | :--- | :--- | :--- |
| Thou | No. | These | Háúko. |
| He | Po. | That | Lu, or Chú. |
| We | Heko. | Those | Lúko. |
| Ye | Neko. | Who? Sopo? |  |
| They | Luko. | Which? Kiú? |  |
|  |  | What? Kézipo? |  |

The adverbs are "ki ?" where?, and " chénú" now. The cardinal numbers are:

| 1 | Po. | 11 | Kérr-o-polrr. | 21 | Mékú-polr. |
| :--- | :--- | :--- | :--- | ---: | :--- |
| 2 | Kenná. | 12 | Kérr-o-kenná. | 30 | Ser. |
| 3 | Sé. | 13 | Kérr-o-sé. | 40 | Lhi-dá. |
| 4 | Dá. | 14 | Kérr-o-dá. | 50 | Lhi-péngú. |
| 5 | Péngú. | 15 | Kérr-o-péngú. | 60 | Lbibi-súrú. |
| 6 | Súrú. | 16 | Kérr-o-súrú. | 70 | Lhi-thenna. |
| 7 | Thénná. | 17 | Méḱápemo-thenna. | 80 | Lhi-thethá. |
| 8 | Thétháe | 18 | Mékú-pemo-thetha. | 90 | Lhi-thekú. |
| 9 | Thékú. | 19 | Mékú-pemo-thélrú. | 100 | Kra. |
| 10 | Kérr. | 20 | Mékú. | 1000 | Nie. |

The only ordinals in use are " kerao" first, "kenó" second, and " sesau"' third.

The Verbs are simple, and appear to have but three tenses, the Past, Present, and Future, thus :

Chú-To give.
Present I'ense.
I give $\mathrm{A}^{\prime}$ chúúwé. We give Heko chńéwe. You give No chúéwé. Ye give Nelko chúcéwe. He gives Po chúewe. They give Luko chúéwe.

Past Tense.
I gave A chúé. We gave Heko chúé. You gave No chúé. Ye gave Neko chúé. He gave Po chúe. They gave Luko chúe.

Future Tense.
I will give A chuto. We will give Heko chuto. You will give No chuto. Ye will give Neko chuto. He will give Po chuto. They will give Luko chuto.

Inperative.
Give-Chúche.
They have no names for the days of the week, and their year commences in March. The names of the several months are as follows:

| January | Képhá. | July Chá-chi. |
| :--- | :--- | :--- | :--- |
| February | Khrénié. | August Chádi. |
| March | Kérrá. | September Chéré. |
| ApriI | Kéno. | October Réiéh. |
| May | Kézi. | November 'lhéné. |
| June | Képsú. | December Vi-phe. |

The following phrases will perhaps best illustrate the structure of the language.

> Phrases-English and Angámi.

1. Open the door. Kikhá khrché.
2. Shut the door. Kliiklaá phá lé ché.
3. Don't forget. Si motáleéché.
4. Be silent. Kémé kri bá che.
5. Don't make a noise. Méléhe.
6. Make haste. Chimhá shé, or chi mhái lé.
7. Come quickly. Mhái vorché.
8. Go quickiy. To mhái shi ché.
9. Come here. Háki phir, or Háki vor.
10. Sit there. Chiki bálé, or Lúki bálé.
11. Who is he? Lú sopo?
12. What is this? Háú kéjipo?
13. They are liars. Luko ketichema áwé.
14. Who lives there? Sopo chinú báiá?
15. It is raining. Tir rié.
16. It will rain soon. Péchámo tir vor táté.
17. What do you want? No kéjipo cháaígá?
18. What do you say? No kéjipo púágá?
19. Is that true? Sú ketho mé?
20. Who says so ? Sopo sidi púáágá?
21. Don't you lrnow? No simo mé?
22. What shall I eat? $A^{\prime}$ kéjipo chito?
23. Why do you laugh? No kidi núlágá?
24. Don't cry. Krá hé.
25. Don't strike him. Po vă hé.
26. Call some coolies. Kúli máko léléché.
27. It is very hot to-day. Thá ti lé shwé.
28. There is no wind. Tirékhrí moté.
29. Open your mouth. No méko shi.
30. Have you eaten your dinner? No mháché mé?
31. Ask him. Po ketso shi ché.
32. Tell him. Po ki pú shi ché.
33. What advantage is there in that? Lú nú kepo vi to-gá?
34. There is no use in that? Lu nú mhápori jilé injito.
35. What animal is this? Khúno háú kejipogá?
36. Whose house is that? Lú sopo kiro?
37. You can go now. No ché voléto.
38. My head aches. A tsú chi bá.
39. My stomach aches. A vá chi bá.
40. Where did you learn Assamese? No Téphi khwé kéji poki nú silégá?
41. Does your tooth ache? No hú chi bá mé?
42. What is the price of this? Háí po má kéji ki ro?
43. Where are you going? No kéjiki votogá?
44. Where shall you stay to-night? Chéji kéjiki po bátogá?
45. Which is the best of these three? Se ko kejiú vigá?
46. Is anything eatable to be got there? Chi nú mhá kéchiho lá nhá?
47. Do you know where he is gone? No simé mogá po keji li votégá ?
48. Clean those things well. Lú koha shwé kémésává.
49. Is to-day a holiday with you? Thá kénié bá mé?
50. What is the name of this village? Háu rénná zá keji po gà?
51. Of what clan are you? No sopo thinorr?
52. Do you know him? No po si mé?
53. How is he to-day? Po thá kejimhá bágá?
54. He is better than he was yesterday. Nlú ki tha viwé.
55. Why does he not come? Po kidi vor mogá?
56. That is the same thing. So kémlía zo.
57. I cannot go to-morrow. A' sodú tolélho.
58. Very well, go the day after to-morrow. Viwé, kénonhá volé.
59. He is a very bad man. Po thémıná késho shwé.
60. He can speak Manipuri. Po Mákri má lhave si bawe.
61. He tells me one thing and you another. Po áki dé po pú, unki dé kékri pú.
62. Bring me some water. Dza hocho pévor ché.
63. Where is my coat? A' búlá kéjé ki ji ro?
64. Bring my hat. A tsú re pe vorché.
65. Hold my horse. $A^{\prime}$ kwir té chilé.
66. Clean my shoes. A phikwé sipevichiché.
67. Warm some water. Dza hocho péléshíché.
68. Don't make it very hot. Pélé bá váhé.
69. Give me some salt. Métsá hocho átchú ché.
70. This egg is rotten. Háú po dzá showe.
71. What milk is that? Háú kézipo dzú gá?
72. Have you caught any fish to-day? Tha kloo té mé?
73. Yes, I have caught one large "Máhsir". Ưwé, á Tháchá kézá po télé.
74. Have you got it with you there? Kio? unzé má bá mé?
75. Yes, I have it with me. Ưwé a zé ma ba we.
76. Very well, cook it and I will eat it. Oh viwé, shálé á chito.
77. Get me some fruit, I am hungry. Rosi hocho pé vor, a mér báwe.
78. What fruit would you like to eat? Rosi ki kijipo chinićlágá?
79. Blow the fire. Mi mhé shé.
80. The fire is out. Mi mhé té.
81. It is time to go. 'To vo vi té.
82. Don't turn to the right. U'zátchá vo tá hé.
83. No, I will turn to the left. Mo, á úvi chá voto.
84. Stop here. Háki bálé.
85. Who is there? Chiki sopo thágá?
86. Buy me ten fowls. A thévă kérr lihrléto.
87. They won't sell any fowls now. Thk chenú thévá mápori zwé moché.
88. Why won't they sell ? Kidi zwé mo gá ?
89. If you will give a rupee apicee, they will sell. No ráká po-po chusiche zwéto we.
90. Who is the Chief of your village ? Nérámá somá Péńgá.
91. Viponiú is our Chief. Viponiú Péámá zo.
92. Is that bill-hook sharp? Lú zé pollă vi mé mo ?
93. It is getting dark, light the candles. 'Tizitáiyé mi pétú shi.
94. Give him some liquor. Zúháro hochó pótchú che.
95. Awake me to-morrow at cock-crow. Solú thévá kékhú ki á késú si ché.
96. Tell me what things I am to bring. A' ki pú si che kezi má ma se vorto.
97. You must bring rice, wood, and salt. Chiko, si, métsá, sé vorché.
98. All men must die. Pete thémmá satá che.
99. He lives alone. Po thé porebi ba.
100. I also have ten horses. A ri kwior lérr bá.
101. You are always coming late. No tisonha vor menoba.
102. Go and see. Vo di philé.
103. I did not say anything. Á mhá pori pí mo.
104. Where have you been? No kezi ki vogá?
105. Take this away. Háo sé tá.
106. That boat belongs to me. Lú á rú wé.
107. Blow the fire. Mi mhén shi-che.
108. The wind blows now. Tirekhra ié.
109. Shall he go by land or by boat? Késo nú chúto me rú nú chúto ?
110. Can you swim? No dză nú tolé si mé moro.
111. He can not come to-day. Lú thá vor lel ho.
112. Take this to your Chief. Háú se vo Péúmá tsúché.

## Chapter V. <br> Vocabulary.

English. Angámi.
A, an, or one, a. Po
Abandon, $v$. Kháshiché (let go)
Abdomen, $n$. Váká, Vádi
Above, prep. Mho
Absent, $a$. Tomo
Abundance, $n$. Kia-pézé
Accept, $v . \quad$ Lélé
Accompany, $v$. Kézétollé
Accurate, $a$.
Ache, $n$.
Acid, $a$.

Potú
Chi, Shi
Kroh, Khié

English.
Angámi. Acquaintance, $n$. Késsima, Urchima Advance, $v$. Ralé Advantage, $n$. Mévi Adversary, $n$. Ngímémá Adult, $n$. Khisámá
Adze, $n$. Kethi
Afar, ad. Shachá
Affection, $n$. Khré
Affray, $n$. Kevá
After, prep. Sá
Afternoon, $n$. Théklévá
Again, ad. Lá

| English. <br> Aged, a. | Angani. Kétchá | English. <br> Badger, $n$. | Angámi. Chomhúvho |
| :---: | :---: | :---: | :---: |
| Ague, $n$. | Kipé | Bag, $n$. | Lokho |
| Air, $n$. | 'Timelhú | Bald, $a$. | Súpá |
| Alike, ad. | Kémliá | Ball, $n$. | Kémérr |
| Alive, $a^{\text {. }}$ | Rhi | Bamboo, $n$. | Kérra |
| All, $a$. | Pété | Bank $n$. |  |
| Alligator, $n$. | Rá, Khokérrá | (of a river), | Khé |
| Almighty, a. | Pétékiké-méchiáshwe | Banquet, $n$. Bare, a. | Lhé <br> Mésá |
| Alone, a. | Thé, Réloi | Bark $n$. |  |
| Aloud, ad. | Rékré | (of a tree), | Pokú, Sikú |
| Also, $a d$. | Ri | Bark, $v$. | Ré |
| Altogether, $a d$. | Pété kézé | Barn, $n$. | Télha-ki |
| Always, ad. | Tí-sonhá | Barrel, $n$. (gun), | Pú, Missipú |
| Amid, prep. | Métcho-má | Barter, v. | Kéllí |
| An, a, one. | Pó | Basin, $n$. | Mékhú |
| And, conj. | Rí | Bastard, $n$. | Télchrono |
| Anger, $n$. | Nímo | Bat, $n$. | Sep-cliá |
| Ankle, $n$. | Plímhí | Bathe, v. | Zúrélúlıe |
| Annually, ad. | Tichi-keprá | Battle, $n$. | Térrh |
| Ant, $n$. | Mháché | Beak, $n$. | Tá |
| Ant-hill, $n$. | Repá | Beam, $n$. | Kipér, Kiprr |
| Apiece, ad. | Po-po | Bear, $n$. | Thégá |
| Armadillo, $n$. | Tépphé | Beard, $n$. | Támá |
| Armlet, $n$. | Kétho | Beat, v. | Vúché |
| Armpit, $n$. | Sochıă | Beautiful, a. | Ngú-kévi |
| Around, prep. | Pété-ki | Bedstead, $n$. | 'I'hézi |
| Arrow, $n$. | Thillsi | Bedding, $n$. | Zikhrá |
| Ascend, $v$. | Kúle, kholé | Bee, $n$. | Mékhwi |
| Ash, $n$. | Migé | Beef, $n$. | Mithúchi |
| Ask, v. | Kétcholé | Before, prep. | Mohtzú |
| Asleep, ad. | Zhitéwé | Beg, v. | Krohchiléché |
| Aunt, $n$. | Ańa | Beggar, $n$. | Kroh-kechimá |
| Awake, $v$. | Chésélé | Behind, prep. | Sátchá |
| Axe, $n$. | Mérr, Sídúrr | Behold, v. | Pilé |
| Babe, Baby, $n$. | Nitchúnomá | Belch, v. | Pékhe |
| Bachelor, $n$. | Khisamá. | Bellow, v. | Moié |
| Back, $n$. | Nalkú | Belly, $u$. | Vádí, Váká |
| Backdoor, $n$. | Kithokikhá | Belly-ache, $n$. | Vadiché |
| Bacon, $n$. | Thévohchilı | Below, ad. | Kho, Khro |
| Bad, $a$. | Késho | Belt, $n$. | Séshá |


| English. Bend, $v$. | Angámi. <br> Kérégúilé | English. Breadth, $n$. | Angámi. Zá, Poza |
| :---: | :---: | :---: | :---: |
| Best, a. | Kévíthoú | Break, v. | Bétswéle |
| Better, a. | Sésá kévi | Breast, $n$. | Mérr |
| Between, prep. | Donú, Metchonú | Breath, $n$. | Há |
| Beware, v. | Chiswéléché | Breathe, v. | Ha shiché |
| Big, a. | Kézá | Bridge, $n$. | Peh |
| Bill-hook, $n$. | Jé | Bring, v. | Séphir, Pékhor |
| Bind, v. | Phálé | Broad, a. | Méjá |
| Bird, $n$. | Pérá | Broad-cloth, $n$. | Búlá, Khwé. [wá |
| Birth, $n$. | Péno, Kepéno | Broken, part. | Váphroá, Bétswé- |
| Birth-place, $n$. | Képénophé | Broom, $n$. | Nizwéró |
| Bitch (female of (log), $n$. | Phúkrr | Brother (elder), <br> " (younger), | Zoláo Sázéo |
| Bite, v. | Méki | Brother-in-law, | Ami |
| Bitter, $a^{\text {a }}$ | Kékhú | Brow, $n$. | 'Tikhá |
| Black, a. | Kéti | Buck (deer), $n$. | Tékhiá |
| Blind, a. | Mhichie | Buffalo, $n$. | Rélli |
| Blood, $n$. | Thézá | Build, v. | Siléché |
| Blossom, $n$. | Nipú | Bull, $n$. | Thúdo |
| Blow, $v$. | Mhélé | Bullet, $n$. | Missi-shi |
| Blue, $a$. | Loshi | Bundle, $n$. | Kérri |
| Board, $n$. | Mélá, Sobjá | Burden, $n$. | Pé, Pwé |
| Boat, $n$. | Rú | Burn, v. | Réwá, Pétía |
| Boatman, $n$. | Lú kéthúmá | Burst, v. | Báphroá, Pro |
| Body, $n$. | Moh | Bury, v. | Klıruálé |
| Boil, v. | Kérédálé | Butterfly, $n$. | Sopro |
| Bold, a. | Kérézá | Button, $n$. | Búllá-kékú |
| Bone, $n$. | Ru | Buy, v. | Khri-léche |
| Book, $n$. | Léshi | By and by, ad. | Kéná |
| Boot, $n$. | Plikú | Bird cage, $n$. | Pérá khoro |
| Borrow, v. | 'Thépúle | Calf, $n$. | Mithúnó |
| Bottom, $n$. | Khro | Calf (of leg), $n$. | Phitsá |
| Bough, $n$. | Si chíé, sicho | Call, $v$. | Késhi-ché |
| Boundary, $n$. | Thérrá | Cane, $n$. | Thérr |
| Bow, $n$. | Thilla | Canon, $n$. | Sidi (Misi kedi, |
| Bowels, $n$. | Porá |  | i. e., great gun) |
| Box, $n$. | Kúzo | Cap, $n$. | Tsúre |
| Boy, $n$. | - Nichímá | Carry, v. | Phléché |
| Bracelet, $n$. | Jiétsi | Cat, $n$. | Núnno |
| Brains, $n$. | Khrú | Catch, v. | Téle |
| Lrass, $n$. | Méréní | Caterpillar, $n$. | Chope |

English.
Centipede, $n$.
Chaff, $n$.
Chain, $n$.
Change, v.
Charcoal, $n$.
Chase, $v$.
Cheap, $a$.
Cheek, $n$.
Chicken, $n$.
Child, $n$.
Chin, $n$.
Civet cat, $n$.
Clap, $v$.
Claw, $n$.
Clean, a.
Cleave, $v$.
Cloth, $n$.
Cloud, $n$.
Cobweb, $n$.
Cock, $n$.
Cold, $n$.
Cold season, $n$. Tisi
Come, v.
Comprehend, $v$.
Conceal, $v$.
Cook, $v$.
Copper, $n$.
Cord, $n$.
Cost, $n$.
Cotton, $n$.
Cover, $v$.
Count, $v$.
Cow, $n$.
Cow-dung, $n$.
Coward, $n$.
Cowree, $n$.
Crab, $n$.
Crazy, a.
Crooked, $a$.
Crow, $n$.
Cry, $v$.

Angámi.
Zárr
Phá
Théja, Kídú
Kélilé
Mijje
Hová
Méli
Jwé, Jo
Thérno
Nichúmá
Mékho
Thékrr
Bídá
Phitché
Mésá
Phrolé
Khwé
Kémhú
Séréchá
Votzú
Mékú, Sí
Phirché, Vorché
Síléché
Kéváléché
Sháléché
Paisáji
Kérré, Kéié
Pomá
Chopsa, Chotsa
Whéshiché
Phréléché
Thúkr
Mithúbó
Kémithímá
Késhă
Ségo
Kéloho, Kéniámá
Kérégwi
Shijja
Králé, Roiyé

English.
Angámi.
Cubit, n. Thú
Cup, $n$. Téhí
Custom, $n$. Ưzié
Cut, $v$. Dú siclé
Daily, ad. Tisonbá
Dance, $v . \quad$ Kélúché
Dark, $a$. $\quad \mathrm{Zi}$
Daughter, $n$. Nopvú
Day, n. Khiuhí
Dead, $a$. Sátálé, Késsá
Deaf, $a$. Poniorogúwé
Dear (costly), $a$. Répézé
Deer, $n$. Tékhiá
Descend, $\boldsymbol{v}$. Lákerlé
Devil, $n . \quad$ Terho-kesho
Dialect, $n$. Nekhwé
Difficult, a. Ré
Dig, v. Théléché
Dirty, $a$. Kérhú
Disease, $n$. Mháclé
Distant, a. Shá.chá
Ditch, $n$ Zárlarr
Divide, v. Kezácháshiche
Dog, n. Téfoh
Door, $n$. Ki-khá
Dove, $n$. Mokhrú
Drag, v. Kivorché
Drink, $v . \quad$ Králéché
Drum, $n$ Kéblá
Drunk, a. Kémézó
Dry, a. Késsá
Dry, v. Plésiché
Dung, $n$. Bo
Dysentery, $n$. Thézábo
Ear, $n$. Nié
Earring, $n$. Rénni (for males);
Niso (for fe-
males)
Earth, $n . \quad$ Kizí
Earthquake, n. Kiéki [Náthúchá
Last, $v$.

Náli-kêthuelhá or

English.

| Eat, $v$. | Chi |
| :---: | :---: |
| Egg, $n$. | Dzo, Podzo |
| Eight, | Théthá |
| Eighteen, | Mékú-pomo-théthá |
| Eighty, | Lhí-théthá |
| Elbow, $n$. | Búthú |
| Elephant, $n$. | Chú, Tsú |
| Eleven, | Kerr-o-pokr |
| Evening, $n$. | Théva |
| Eye, $n$. | Mhi |
| Eyebrow, $n$. | Uké |
| Eyelash, $n$. | Mhimá |
| Eyelid, $n$. | Mhi-né |
| Fall, $v$. | Krr |
| False, $a_{\text {a }}$ | Kétichi, Kéchirr |
| Far, $a^{\text {a }}$ | Shá-chá |
| Fat, $a$. | Lo |
| Father, $n$. | Pú, or Apú |
| Fault, $n$. | Gwálemo |
| Feather, $n$. | Má, Thévmá |
| Feeble, $\boldsymbol{a}$. | Kéméné |
| Feed, $\boldsymbol{v}$. | Váchi |
| Female, a. | Polerr |
| Fetch, a. | Péphirché |
| Fever, a. | Rokí |
| Few, a. | Petsa, Hotcho |
| Fifteen, | Kérr-o-péngí |
| Fifty, | Lhí-péngú |
| Fight, v. | Kénné-ché, Térrh- siché |
| Fill, $v$. | Sú-shiché |
| Fin, $n$. | Khoshitsi |
| Find, $v$. | Ngú-shíché |
| Finger, $n$. | Bichino |
| Fire, $n$. | Mí |
| First, $a$. | Kéráo |
| Fish, $\boldsymbol{v}$. | Khote |
| Fish, $n$. | Kho |
| Fish-hook, $n$. | Khorhégwí |
| Fishing-rod, $n$. | Khosési |

English.
Five,
Flat, $a$.
Flint, $a$.
Flower, $n$.
Fly, $v$.
Fog, $n$.
Foot, $n$.
Forehead, $n$.
Forest, $n$.
Forgive, $v$.
Forget, $v$.
Formerly, ad.
Fort, $n$.
Fortify, $v$.
Forty,
Four,
Fourteen,
Fowl, $n$.
Friend, $n$.
Frog, $n$.
Front door, n. Ki-khá
Fruit, $n$,
Gall-bladder, $n$. Thésiéh
Ginger, $n$. Kévú
Girl, $n$.
Give, $v$.
Go, $v$.
Goat, $n$.
God, $n$.
Gold, $n$.
Good, a.
Goose, $n$.
Grandfather, $n$. Apúcháo
Grandmother, $n$. A'chapfú, or Azápvú
Grandson, $n$. Nono
Grandson, $n$. $\quad$ Nono
Granddaughter, $n$. Nokimá
Grass, $n$.
Nhá
Grasshopper, $n$. Tekkí
Gravo, $n$. Mokhrú
Angámi.
Péngú
Mézi
Jipvorú, Kétséthégá
Ménipú or Nhápú
Proché
Kémhú
Phi
Tikhá
Nhá, Ketsá
Khásiché
Rékra, Motáché
Kéráki
Kúdá
Kúdáhúléché
Lhidá
Dá
Kérr-o-dá
Thévá
A'so
Gwirrno
Shi, si, rosi

Reliénúmá
Chúché
Totáché, Toshi
Ténio
Terrlo-diú
Soná
Kéví
Tophá-kedi


English. Angámi.

Lungs, $n$.
Man, $n$.
Mangoe, $n$. (fruit)
Meat, $n$.
Medicine, $n$.
Mend, $v$.
Middle, $n$.
Midnight, $n$
Milk, $n$.
Monkey, $n$.
Month, $n$.
Moon, $n$.
Mosquitoe, $n$. Virú
Mother, $n$.
Mountain, $n$. Kiji-khrú, or Sájékhrú
Mound, $n$.
Mouse, $n$.
Moustaches, $n$. Támá
Mouth, $n$.
Mud, $n$.
Musket, $n$.
Nail (finger), $n$. Bitsé
Naked, a. Métho
Navel, $n$.
Near, prep.
Neck, $n$.
Needle, $n$.
Nephew, $n$.
Nest (bird), $n$. Pérrá-krú
Net, $n$.
New, $a$.
Niece, $n$.
Night, $n$.
Nine,
Nineteen,
Ninety,
No, ad,
Nose, $n$.

Loh
Képénoki
Vo
Thépré
No, or Sázéono

Zú
Késsá
No
Tizi
Thékú
Mékú-pemo-thékú
Lhi-thékú
Mo
Nhitchá

English. Angámi.
Now, ad.
Oil, $n$.
Old, $a$.
Once, ad.
One,
Onion, $n$.
Orange, $n$.
Orphan, $n$.
Owl, $n$.
Pain, $n$.
Peacock, $n$.
Pig, $n$.
Pigeon, $n . \quad$ Topér
Plantain, $n$. Tékwhési (tree.)
Poison, $n$. Théri
Poor, $n$. Mláji
Porcupine, $n$. Sékrú
Potato, $n$. Réphé
Pull, v. Teshilé
Push, v. Neshi
Raft, $n$. Gwéiá
Rafter, n. Terhú
Rain, $n$ Tir
Rat, $n$.
Raw, $a$.
Red, $a$.
Rest, $v$.
Return, $v$.
Rhinoceros, $n$. Kwédá
Rib, $n$.
Rice (unhusked), $n$.

Lhámá

Rice (husked and cooked), $n$. Té
Rice (uncooked), $n$. Chito
Rich, $n$. Máhni
Ring, $n$.
Bikhá
Ripe, a. Mé

English.

River, $n$.
Road, $n$.
Root, $n$.
Rope, $n$.
Rotten, $a$.
Rupee, $n$.
Salt, $n$.
Same, a.
Sand, $n$.
Sap, $n$.
Save, $v$.
Say, $v$.
Scratch, $v$.
See, $v$.
Seize, $v$.
Seven,
Seventy,
Seventeen,
Shade, $n$.
Shallow, $a$.
Shame, $a$.
Share, $v$.
Sharpen, $v$.
Shave, $v$.
Shield, $n$.
Short, a.
Shoulder, $n$.
Shut, $v$.
Sick, $a$.
Silver, $n$.
Sing, $v$.
Sister, $n$.
Sister-in-law, $n$.
Sit, $v$.
Six,
Sixteen,
Sixty,
Skin, $n$.
Sky, $n$.
Sleep, $v$.
Slowly, ad.

Angámi.
Kerr
Cha, Shá
Mi, Pomi
Kérré, Kéié
Titá
Ráká
Métsá
Kénhá
Hochá
Sidzú
Pévélé
Púlé
Pekhwásiché
Pwhisiché
Téléché
Théná
Lhi-tléna
Mékú-pémo-théná
Tisú
Kélloki
Méngá
Kézáléché
Kérsiché
Thásiché
Pézli
Kétzá, Kéchi
Búkhé
Kévásiché
Mháchi
Rákájé
Kéllisichiché
Alápvo
Mé, Amé
Bálé
Súrú
Kérr-o-súrú
Lhi-súrú
Jih
Ti
Jiléché
Rekrihé-rckrihé

English.
Sly, $a$.
Small, $a$.
Smell, $v$.
Snake, $n$.
So, ad.
Son, $n$.
Sour, $a$.
Sow, v.
Span, $n$.
Spear, $n$.
Spider, $n$.
Spit, $v$.
Spleen, $n$.
Square, $a$.
Stal, $v$.
Star, $n$.
Steal, $v$.
Stick, $n$.
Stone, $n$.
Stomach, $n$.
Straight, $a$.
Stream, $n$.
Strength, $n$.
Strike, $v$.
Suck, $v$.
Sun, $n$.
Swear, v. Réswéléché
Sweep, v. Tswéáché
Sweet, $a$. Kémú
Tail, $n$.
Take, $v$.
Tall, $a$.
Tear, v.
Ten, $a$.
Testicle, $n$.
They, pro.
That, $a$.
Then, ad.
There, ad.
Thick, $a$.
Thicf, $n$.

Angámi.
Méié
Chi, Kéchi
Thengúsiché
Tinhi
Hidi.
No, Ano
Khié
Vokrr
Kúpo
Réngú
Siré
Métsáchiché
Nútí
Pokádá
Pliésiché
Thémú
Régúléché
Kéthé
Kétché
Vádi, Váká
Mézi
Kérr
Kéméti
Vúsiché
Kélhéléché
Náki
Réswéléch
Mi
Léléché
Rélrué
Kihásiché
Kérr
$\mathrm{Dza}_{\mathrm{za}}$
Lúko
Lú
Nhi
Chinú, Lúki
Mélluh, Shi
Kérégúmá

| English. <br> Thin, $a$. | Angámi. <br> Repvo | English. <br> Warm, $v$. | Angámi. <br> Péléléché |
| :---: | :---: | :---: | :---: |
| This, pro. | Háo, chú | Wash, $v$. | Ménisiché |
| Thirty, | Sérr | Water, $n$. | Dza |
| Thirst, $n$. | Terrıh | Wax, $n$. | Melkwibo |
| Thorn, $n$. | Chohú | We, pro. | Héko |
| Thou, pro. | No | West, $n$. | Náki-keleta, Náki- |
| Thousand, | Nie |  | átchá |
| Three, | Sé | Wet, $v$. | Pétséléché |
| Throw, $v$. | Péiésiché | What, pro. | Kézi |
| Thunder, $n$. | Prthé | When, ad. | Kéziki |
| Thus, ad. | Hidi | Where, ad. | Kinú, Kirá |
| Tie, $v$. | Pháléché | Which, pro. | Kiú, Kéziú |
| Tiger, $n$. | Tékhú-khúdi | White, a. | Kekiá, Kepe or |
| To-day, ad. | Thá |  | Kéchá |
| Toe, $n$. | Bhichino | White-ant, $n$. | Mékhrr |
| To-morrow, ad. | Sodú | Who, pro. | Sorú, Soporú |
| Tongue, $n$. | Méllá | Why, ad. | Kéziú |
| Tooth, $n$. | Hú | Wide, a. | Zá, Méá |
| Torch, $n$. | Mitú | Widow, $n$. | Sáthémipvomá |
| Touch, $v$. | Bésiché | Widower, $n$. | Thémi, Sámimá |
| Tree, $n$. | Si | Wife, $n$. | Kimá |
| Tribe, $n$. | Thino | Wind, $n$. | Tikhrá |
| Truth, $n$. | Kétho | Wind-pipe, $n$. | Mézaro |
| Twelve, | Kérr-o-kéná | With, prep. | Zé |
| Twenty, | Mékú | Within, prep. | Ṅ́ |
| Two, | Kéná | Woman, $n$. | Thénúma |
| Unbind, $v$. | Phishiché | Wood, $n$. | Si |
| Uncle (father's side), $n$. | N | Wrist, $n$. Write, $v$. | Búché <br> Léshi-ruléché |
| Uncle (mother's |  | Yam, $n$. | Pdzá |
| $\text { side), } n \text {. }$ | Amúi | Ye , pro. | Néko |
| Unite, $v$. | Kéméthúsiché | Year, $n$. | Chi, Titchi |
| Unripe, a. | Mémo | Yellow, $a$. | Loihé |
| Vegetable, $n$. | Gá | Yes, $a d$. | U', Uwé |
| Village, $n$. | Rénná | Yesterday, $n$. | Ndú |
| Warm, a. | Le | You, pro. | No |


[^0]:    - Journal, As. Socy. Bengal, for 1876, Pt. I, p. 39.

[^1]:    * A species of wild goat.

