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## PATROL REPORTS

DISTRICT: GULF
STATION: KAINTIBA, 1963-1964

Original documents bound with reports for: Kukipi, volume 3.

# Papua New Guinea Patrol Reports 

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PATROL REPORT OF: KVEKSPI - GULF DHETRECT.
VOL, NO: 3 : $1963-1964$ NÜMBER OF REPGRTS: $\qquad$ _.


## KUKTPT \& KAINTTBA

1963/64

Patrol No.
4-63/64
5-63/6.
6-63/64
"-63/64
8-63/64
KATMTBA
1-63/64

Officer
Coniucting Patrol
\%.A. Pryke
P.G.Whitehead
P.G.Whitehead
R. E. Weber
IV.D. Day
P. G. Whitehead

Area Patrolled
Kaipi and Toaripi
Kaintibe to Kukipi
Part Toaripi and Kovimoni C/Ds
Hamdei and We'abi - Kovimoni C/D
Parts Toa $\mathcal{I}_{1}: 1$ and Kovimani C/Ds

Kaber pe Census Division


## mon District Officer， Cir District． ल⿵冂卄

## KATVKIBA PATROL REPORT MO． $1=63 / 64: 1$

The above report is acknowledged．
Mr．Whitehead has produced a worthwhile report of a patrol conducted in difficult country under arduous conditions and the cotali he has provided $\quad 111$ be of considerable use to the oiler conducting the following visit to locate the snail poctrote of population not seen on this eccagiot．It is motel That the patrol was not unduly hurried and that the officer grained for a fou days in the MUIURKA／KAITN／EBABIA area in an chacavour to contact the people．This is the only approach that wiI produce return？in suet of tuations，oven if mot initially euccesatul．

The difficilites discussed by Mr．Whitehead under the heading＂Law and Under＂are appreciated．One the people Brag the concept of individual responsibility for crime and bed to accept it substantial progress has been made but it In difficult in lenities such as the KABEROPJ．However． Then mat be plurguod and although measurable progress fro－ coviojmeats．

Tour general semarike on the report are noted． extort Ire witched has obviously put into the petrel，the and the latter will be anopyocd by the Government Anthropol－ egret．


（J．K．Mccarthy） DIRPDEOR．

Telephone $67.2 \cdot 7($ PR.1)
V calling ask for
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The Director,
Dept, of Native Affairs,
KOFEDOBU.

## KATITIBA PAT: OI REPORT $170.1 / 63-64$.

The above report is forwarded in duplicate please.
Mr. Whitehead has conducted a most satisfactory patrol and his report is most informative.

## Native Affairs

The effects of regular patrols are being observed for the first time now and the reward is pleasing. The attitude at Pau is probablyarinal fling to demonstrate the past superiority which the people on joyed.

Although Kaintiba is being closed as a Patrol Post, I am quite confident that close contact will be retained within the area by regular patrols from Kukip1 which will be respondible for that area east of the Tauri River. Similarly I am of the opinion that the area west of the river will be coped with quite adequately from Kerema as a result of staff reorganization?

The use of the term Kukukuku will he difficult to replay I think. The selection of a common name suitable to all will be an interesting exercise in the degree of co-operation between the peoples who malice wo the total population.

Mr . Whitehead's comment conceming the break-up of the Kaberope Census Division is interesting and I think that we should apply his recommendation. I shall await his separate correspondence on the subject.

## Economic Development

## -

I cannot foresee any development of this area for a considerate period to cone. The very. isolation of the area retards attempts to deveßbpe any cash crop. Communications will be an essential vo any economic development of this area.
Roads and Bridges
These WIII develop as contaci, and awareness of the administration is increased. seth phemene there is any immediate freed for a permanent, or even in the distant future, the need Tauri is, to my mind, doubtful.

In the distant future, the need could arise.

67-2-4

Motyet Officer, rimen.

Sub-District Offige, EERMMA.

2/1ф/6s.

KATNTBBA P/R. NO. 1 OF 1963/64.
Wro. Whitohead's report is and camping allowance clain 1) 20 marded $H / 7$ in triplicate plus qiute a good mo showing detadl thas at present held here.
Pathenin once heard that their had been a Base Gamh in the pay the Unsy creak.
(P.I. MOLONEI)

Assistant Distreict Officer.
 Kersma Sub District, GUKF DISTRTCE.

The Assistant Distriet Officer, Sub District Office. Eexema.

## PATROL RTPPOF: Fo 1 of 1963/64



Please find atteched these coptes of the abeve zepert. Dolay in comploticu of thit ropert was caruect in the purcenase of the lairtela Station ima, and the Lam-ovary/
 the malle.

In reisrence to page 5, pary. 5 , and pago 6 pary. 3, the pation progera (xoter yy 67-2-1 of 25/1/63) hot been altered to positi tire Mandel suli-Divisica patreol (aggiotance

 MiBIII Rivor, and retmin thromin PlU. Iowevar with the closure of the Faimbobe stirlp, and the posesibility of 2urither P.V.D. comatruetiom woric, this progeran nay have to te anemica further.

Deapite this the SUFX Greet area will matutain ite penition of firat priority on the butsol Inogeve.

An adational copy of the Village Poprlation Regietor Is attacied to than Fical Quarters cogy.
two adatitional copice of the Inli cenove Squattors Appendix (zefer the pistriet ceziocais (7-1-1 of $7 / 2 / 63$ ) for the District Comisalomer ase attediol.


Kainteba Patrol Post, Kerema Sub-District, GULF DISTRICT.

23rd August, 1963.

PATROL REPORT NO. 1 OF 1963/64.

Pea Patrolled:

Impation:

Burpose:

IHPODUCTION:
The KABEROPE Division is situated to the lest
 Pupa GuIf.

The ind pendent demeanor and attitudes of these people impressed itself. The women, especially in the less contacted areas, showed no sign of fear and were as outapoken as the men.

Bvery cpportunity was taken to explain to the people what the Administration is, what the aims and policies are (to help and assist the people); the need to settle down and be lam-abiding and the fact that development will not oceure overnight, will depend on their own efforts and interest, and will involve no little effort.

## DIRY:

This is a summary from my Field Officer's Journal, mainly of items of interest to future patrols. JUYY, 1963
Tuesday 2 nd

Departed Kainteba PM, 1 hour over graded and well cut track, 40 minutes over very muddy, steep track to MINGIA Rest House. People are grouping around the three mission settlements - advised that latrines will be

F Weanesday 3 rd

Thursdey 4th

Priday 5th

Saturday 6th

Suniday 7 th
Monday 8 th

Tuesday 9th

Wednesday 10th

MINGIA to KAINGO Rest House over good walking track, $1 \frac{1}{4}$ hours.
People are grouping around Lutheran Mission 10 minutes to north of Rest House. Discussed futiure walking tracks, movement into villages ard need for latrines.
KAINGO to GEMANTUA Rest House over cut walking track, eteep in parts, 2 hours. Discussions with people from SUGAWIANGA, WAWPINI, UDIDANGA, YA'A, UDIDANGA, and GEMANTUA on future walking tracks, need for latrines if people group inte villages.

NAKUTANGA Rango, hour. Steep descent through bush, mud, mist and leaches to HAUWABANGA, 1\% hours.
Good raception by people, who claim they are going to build a new Rest House above Seven Day Mission school (inspected). Discussions.

Departed HAUWABANGA, crossed UYEI Creek near KOTIDANGA 7 hour, entered KWYA hamlet ( of KARANGAI) 3 hours later. Descended through stands of oak to site of M-T.Ste in 's cane bridge, 11 hours, (YAMGINA) built 1961, nothing remaining. Crossed to south of UYEI Creek and followed KORLTE (TAURI) River for $\frac{1}{2}$ hour to $\log$ bridge over KORLTE. Bridge consists of two spans 35 and 30 feet about 15 feet above river, but not above flood level, approached from east down a steep 100 feet long, 5 Peet high cleft in rock. Strungthend and crossed bridge, $\frac{1}{2}$ hour. Steep ascent through gardens, over logs to EWYNYA, 1t hours. Totel HAUWABANGA/EWYNYA 6青 hours.

Attempted Census, but many people absent. Discussions. Seven Day Mission has visited this village, and intends to return. People intend to build their houses around the Mission site. Pig bought and shot before assembled people.

Compiled census and common roll. Discussions.
Departed EWYNYA, crossed ridge $1 \frac{1}{6}$ hours, crossed PWIN Creek 2 hours later, and ascended to HAMINGAPAI Village after surveying NUMUNGA Village/Group, total 6 hours walk.

Initial Census of this previously uncontacted group. People want to build a Rest House on a site dentral to NUMUNGA, HAMINGAPAI,KAIWA and EBABIA groups. Apprehended suspected murderers, NUMUNGA.

Assisted with construction of Rest House. Information that PAU Village/Group intend to attack if patrol enters their area. Attempts to contact groups in this area failed - apparently apprehension of suspects has made them afraid.

Thursday 11th

Priday 12th

Saturday 13th

Sunday 14th

Monday 15th

## Thesday 16th

Wednesday 17 th

Thursday 18th

Friday 19th

Saturday 20th

Sunday 21st

Heavy rain for most of day. Discussions with a few people from KAIWA hamlet.

To junction of PWIN and HAMING Creeks, surrounded by gardens of KAIWA, NUMUNGA and EBABIA groups, but few people seen. A group from WOMAKAIWU arrived, and said they would all return for census tomorrow.

Construction of Rest House continued. No people from WOMAKAIWU seen.

Rest House completed. Report of a murder near KWAMBEGA. Contact with two men of PAU who claim that there is a patrol at KWAMBEGA - suspect they expect me to bypass PAU and go direct to KWAMBEGA.

Departed HAMINGAPAI/NUMUNKA/KAIWA/ EBABIA, following HAMING Creek to ridge top, it hours, by a round about track. Suggest next patrol insist or going direct to gap at head of HAMING Creek, which was reached $\frac{1}{\text { i }}$ hour after reaching ridge top by following down ridge. Descendid and crossed numerous tributaries of YOYBN Creek before crossing YOYEN ar.d ascending to WOMAKAIWU, total 3 hours walk.

Initial census of this previously uncontacted group. Discussions and construction of Rest House.

Departed WOMAKAIWU, crossed YOYEN Creek at junction with WOMAKAIWU Creek, and recrossed near TSANGAI'WA Creek, below A.D.O. Jordon's camp and site of WOMAKAIWU Village before many were killed by PAU people. Followed poor track to PAU Rest House which has almost collapsed, $5 \frac{1}{2}$ hours. Few people seen.

Following rumour that the PAO Village Constable was murdered, sent for his two wives, and for the people in general. Aoout 20 men arrived late in day.

About 20 men arrived, and no others seen till late in afternoon. Village Constable NUNAMA arrived. Examination of wives deceased Village Constable. Discussions.

Census conducted. of 80 people seen, only 19 females. During discussionsm mention of a low level bridge over KORLTE (TAURI) River below UA or PIWA hill.
Rest House construction started. Attempts to contact more people little success.

Monday 22 nd $\stackrel{1}{5}$

Tuesday 23rd
Tednesday 24 th

## Tursday 25th

Friday 26th

Saturday 27 tin

Sunday 28 th
Monday 29th

Tuescay 30th 4

Teinasday 31 st

AOGUST 1963.

Friday 2nd

Rest House completed late afternoon. Few more people contacted.

Depectied PAU over poor track to HALAI Village/Group, 4 hours. Village Constable KVAIIBANGA appointed by Mr Brown for upper Wenna River area has settled here. After considerable discussion, set up samp in valiey.

Censue conducted. Discussions, and anthropological studies.

Census of IPAI'U hamlet, uncontacted previously, and who had run away previous day. Discussions.Departed for KWAMBEGA Base Camp 1 hour, start on nev 1tnearesi House
$\Delta$ number of people seen.
Censu sed KWAMBEGA group. Discussions. Censis of INYA group who asked that patrol not visit their village as short of lood for carriers. They said they would build a Rest House for future patrols.

Departed KWAMBEGA hour to top of HU 'UI Ragige. Descended to WBNNA River and YANDATI 2 hours. Census conducted. Discussions.

Construction of Police/Carriers quarters.
Departad YANDAII, hour to KORIDANGA 'strip site. Surveyed strip site. Reports that people have run away because two mer made sorcery against the patrol, and because there is wanted murderess in their boup. They have shifted gardens to APAI'A valley in any case.

To KEVAIWA 1 hour. Census conducted. Discuesions.
People want to build Rest House 20 minutes south of present site.

Departea KEVAIWA, 3 hours to MEIWARI over poor track by river. Rest House burnt by KFKAIWA people. Census and discussions.

Departed MEIWARI for PAINA, it hours. Census conducted. People want to split into three groups, WOMBIO, PAINA and HAU 'WATA, each with a seperate Rest House.
Departed PAINA, crossed NENNA and arrived top of SAMBO Range $1 \frac{1}{6}$ hours later. To SAMBO Hamlet, 1 hour. Discussions, say they want

apprehended some people here recently. Passed through old gradens, and descended to new gardens of TOMANIWA Group above MEA Creek, total 4 hours walk.
People are very scattered (WOWA hamlet to nortr, KORNAI'U and KWI'APA to S.East, anis HITUKWI to south.) 20 people seen. Discussions. Claim this is first patrol in MEA Creek area, though two men have seen patrol in WENNA Valley.

Saturiay 17 th

Sunday 18th

Monday 19th

Tuesday 20th

Wednesday 21 st
and crossed ridge to YAIBA Creek, 2 hours. To WANU'YA Village/Group, 3 hours total walk. Discussions with this new group.

Ascended, followed, and descended ridge to TAURI River TAURI/YABA junction. $2 \frac{t}{6}$ hours. Started repairing old cane bridge over flooded TAURI River.

Completed bridge, crossed and camped by flooded YABA Creek.
Built log bridge over YABA Creek. To HAPAIDIMANGA $6 \frac{1}{\square}$ hours.

To IMMNDU Rock 1 hour to PATAEWA Rock Arrived Ka:nt@ba total 6 hours walk.

## $-7$

## NATIVE AFFAIRS:

A) Administration/ Native relationship-

One of the main purposes of the patrol was to establish the location of Village/Groups, make contact, and establish friendly relations with the people.

Due to a delayed start, the need for myself to return to Kainteba in time to take over as O.I.C., and lack of information of the area, a few pockets of population were not visited by this patrol. Often information concerning tiem was not received till vell after the patrol had left the area.

However, it is considered that quite a good picture of the centers of population was achieved. For details see the narrative on Census, the census statistics, the map and appendix ' $A$ ', 'Notes on tillage/ Groups'.

Reception accorded to the patrol, the degree of contact made, and the relationships established varied, and can be divided into three groupings:-
a).
b)

Nil contact.
(i) With the groups in he SURE Creek area (their existence was not known to me until the patrol was south of Pau - they will be visited in the near future), (i) with the NUMUNKA/KAIWM/EBABIA groups, and with the PATAI and KEKAIWA groups in the APAI'A Creek area.

In regards to the last two groups, they were apparently afzaid of the apprehension and possible apprehension of suspected law breakes - this is one of the protlems of combining a police ratrol with a contact patrol. It was felt that frienuiy contact could not be established if the patrol followed the people around their various hidemouts. The patrol remained in the NUMUNKA/KAIWA/EBABIA area for a few days hoping that they would return, but to no avail. With this in mind, and due to the fact that the patrol had to return to Kaintebe by mid-dugust, only one day was spent in the PATAI/KFKKAIWA area after messengers had been sent out with no success.

I do not consider the above situation serious or a logg term one. Discussions were had with the few people seen from the above groups, and they were requested to pass the information along, and the next patrol may well have a better reception.

The only anti-Administration attutude was met at PAU. These people have occupied a position on the nest side of the TAURI River similar to that of HAWABANGA on the east side. They have a long preAdministration history of fighting with their neighbours, and driving them off. They are bitter becasse they cannot maintain their dominant position now that fighting has been prohibited, and because a number of refugees indicate that they will return to their father's land from which they were driven off.

The good reception accorded to Mr.Brown's 1961 patrol was apparently largely due to the dominant personlity of a leader who invited him there, and is now deceased.

Night guards were detailed for the first two nights at PAU, but generally they were regarded as unnecessary - the people have rear st? the stage where they run away rather than show forcc without provocation.

Following a threat to attack the patrol a number of days were spent at PAU, and though the situation is improved, it is inteanded to pass through PAU wher the SURE Creek people are visited in the near fujure.

The majority of people welcomed the patrol, especially so at EWYNYA, KWAMBEGA, YANDATI, KEVAIWA, PAINA, MERAPU and UKUAMINA. Good contact was made, and it is hoped that the dise sions held will infiltrate to the groups under ' $a$ ' end ' $b$ ' above, and influence their attitudes for the better.

On the whole, the situation is encoraging for future progress, especially if intensive patrolling attends to the situations detailed under ' $a$ ' and ' $b$ ' above.

## Law and Order:-

Three murders were investigated, and in two action is being taken. Information was received from an unreliablesance that female aduIt KITI'AI of PATAI (WOMKAIWA) was murdered by male adult KORKI'A, her husband, becaise of maritial trouble, about 16 months ago. The PATAI people moved over into the IVORI River watershed on the approach of the patrol.

This illustrates the difficulty of carrying out jointly an administrative patrol and a police patrol in an area where collective responsibilty is accepted as the basis of (customary) justice, and guilt is shared by the whole crroup. Also of course, the two types of patrols are contradictory in that an ordinary patrol must advertise itself tc be successful, whilst the opposite is the case with a special investigatory patrol.

In this case, I consider that the PATAI people had heared of the apprehension of suzvected murderers in the NUMUNGI area, and on the basis of collective guilt decided to femove themselves. I consider that any action
(a)
to follow them would have jeopardised attempts to peacefully contact them and other groups.

With regards to the attitude of collective guilt mentioned above, there is a growing Fealisation that our system of justice is not based on it (this was discussed in all villages). This is illustrated by the people of MERAPU sending three suspected murderses to the patrol whilst it was still one days walk away.

Sorcery of the 'black magic' type is rife throughout the area, and the motive for a number of murders in the past, and possibly will be in the future.

A few minor disputes were settled out of court. The social system is such that the wife must suffer without complaint any maltreatment at the hands of her husband. Divorce is virtually unknown. I feel that as our social system and law on these matters makes itself felt, there will be an increase in complaints on these matters. In conjunction with the disciplining of the females it could be mentioned that the people are ready to see adultyy in the most inocent of actions by males.

## TEERM 'KUKUKUK)!-

Though the people of this Division realise that the term 'Kukukuku' is the coastal term for themselves (they claim it was once 'KUKIMANUA'), and though they associate no specific derogatory signifigance with it, they dislike its use because it is not correct.

During discussions they claim that they should be called "KAMI'A". However they have never considered the matter previously, and do not appear ce: tain. They were requested to discuss the matter amountst themselves, and inform the next patrol of any decisions.

The matter will be investigated in other parts of the Kainteba Patrol Post Administrative area, and made the substance of seperate corresponience.

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## Breakup of KABEROPE Census Division:-

As recommenu-d by the Director's 67-2-23 of the 7 th November, 1963, the possible division of this Census Division into areas that provide for patrols limited to approximately 25 days was investigated.

His remark that this re-delineation would assist with more intensive and detailed administration of the area is definatly concured with.

This matter will be taken up in seperate correspondence detailing the recommendations for the entire administrative area, Suffice to say that the people north of KWAMBEGA are refered tom and call
themselves 'ininci', and those to the south and in the WENNA Valley are called 'WEN', and that the redelineation of the KABEROPE Division into these two areas would proved two Census Divisions of approximately i,000 people each, each of which would take 25 - 30 days to patrol with reasonable attention to detail and contact.

Summary:-
The area is not as advanced as those nearer the Kainteba Patrol Post as regards understanding the Administration, its aims, and the fact that there are different and possibly better cuitures than their owm. Future patrols will have to continue to concentrate on these basic matters.

Whilst it is true, as was impressed upon the people during discussions, that progress and development larging dependons, that progresa and ness, efforts and willingnese to develop and change, I was impressed by their intellisence and interest during discussions, and feel that the rate of development in this area will also depend un the interest of the Administration in them, and the amount of intensive patroling it is willing to undertake in the future.

## NATIVE AGRICUITURE AND IIVESTOGK:

(A) Subsistence

There appears to be no seasonal ahortage of food, though occasionally infividuals can suffer silight shertages during the change over from old to new garderis if constructions of the new garden was delayed by heavy rain, etc..

The staple food varivis throughout the ared In some of the northern villages banana is predominant, whilst in others taro is the staple. Throughout the area sugar is grown extensively, together with varying amounts of a poor variety (degenerated ?) of sweet potato.

Suplimentary foods (limited in quantity), consfstiof Chinese Taro, Pit Pit, a iittle sago and braad called "MBIKA" in pidgen, but which is yellow, and has the appearance of young sunburnt coffec possibly a species of Mmarantaceae.

Pandanus, marita, betel and galip nuts are highly prised. There is a small amount of Psophocarpue tetragonolobus (?) pes and a long thin black leguminous pod, and various ferns and leaver from the forest are eaten raw or cooked in bamboo.

Recently introduced crops include a dark yellow fleshed variety of sweet potato (from the Kapau area, gradually moving across the southern section of the Division in a westerly direction), paw paw (some I suspect is stolen from coastal gardens 4 - 6 days walk away), raw eating banana

## ( ${ }^{\prime \prime}$ )

(indiqenous species have to be cooked, I suspect that some of these raw eating bananas were stolen from the peanut people), and pumpkin. The small amount of that the peoplec Mr Brown (?) was enjoyed so much leaving people foolishly ate all the first crop that they would ensur - they requested more and stated aside next time.
Livestock:
Pigs and dogs are the only domeaticated animal. Wild pigs, birds, opossums, rats, froga, lizards and almost any insect that has a little meat are hunted and enjoyed.
(c) Economic development:

Nil. There is a potential for either low lend or high land cash crops, as most villages have land in the low ( 2,000 feet ASL) valleys as well as on the higher ridges ( 4,000 feet to 6,000 ASL). SAil fertility varies, but there are good areas, especially in the WISNA Valley to the west, and in the southern valleys.

Three enquiries were received concerning cash cropping.
The main problems are:-
isolation, both in realtion to transporting any ash crop to a market, and the fact that these people are removed from other areas of development.
shortage of technical staff.
(B) Summary:

Whilst there is no actual shortage of food bulk, I consider that there is a deficiency in protion, which, taking into adount the cooking methods and other factors, could be partly combated at this state by the introduction of peanuts.

Whilst the introduction of cash crops immediatly would be premiture, now is the time to commence planning. The factors creating interest in cash cropping in the Kainteba area, and areas near the Mew Guinea border (noted in Kainteba 51-2-1 of 19/6/63 to the A.D.O. Kerema) are starting to pentrate into, and influence the people of this Division. There is an obvious need to decide as soon as possible as to type of orop etc, to be introduced to the Division, in order that there is no delay once the people show a definate desire for economic development.

## FORESTRY:

A large proportion of the area is under natural forest. However thera are few stands of ve: $y$ large trees. This would appear to be due to:-

The semi-nomadic gardening syatem, whereby the area with the largest trees is selected for new gardens - the end result being that many trees are cleared for gardens when they reach the age of 30 years.
(10)

Of the trees situated on the higher ridges of on ground otherwise unsuitable for gardening, they also do not generally survive beyond 30 40 years of age, but collapse at the base and fall to the ground. This may be due to the very high rainfall and the moss and debris that collects around the base of the trees causing rotting, or to the effects of insects, or to the cumulative effect of all these factors.

Amoung the many varieties of trees in the area there were noted many pure stands of oak at the 2,000 feet - 3,000 feet ASL level.

In the forest of the MURUA Valley from MAMURO to IVANA there appears to be a fair inciderce of large hardwoods, but the cost of building access roads may be prohibitive, though it should be noted that the forest sterts from the navigatable section of the MUAUA River.

## ROADS AND BRIDGES:

There are no roads, walking tracks, or bridges within the Dtiviaion. The walking tracks cleared by Mr Brown have become overgrown in many sections. It is tentatively planned that as the construction of waiking tracks near the Kainteba Patrol Post neare completion towards the end of this year, the people in this division will be encouraged to construct walking tracks, and tools be made available on loan.

There ware four unsolicited enquiries about how, when, and where wilking tracks would be built.

The lack of a perminant high level bridge crossing the TAURI River makes it impossible to guarantee that a patrol can enter the Division at any time. This patrol was lucky to be held up for only one day by the River - at the northern crossing the river was low, and logs were placed between stones, at the southern crossing an old cane suspendion bridge was repaired and used before rising flood waters removed it.

## AIRSTRIFS:

The potential airstrip site at KORIDANGA was investigated, and I consider that a strip 3,000 feet $X 100$ feet could be constructed, if D.C.A. permited permenantly flowing drains to be built under the airstrip.

The airstrip site is situated on river iver and the footrills and the main problems associated with the site are:- would heip, and there is a lasge quantity of small river stones that would assist consolidation. Despite this it may be necessary to impose limitations after a certain rainfall.

Due to the stec, hills on the west dide, and the river on the east it is doubtful if an airstrip wider than 100 feet could be built.

The site has good approaches from the north, but would have a $2 \%$ slope north/south. Light aircraft may be able to land from the south.

The site is well located in relation to the centers of population, the soil appears quite fertile, and building materials appear reasonable (oak stands across the river, funai grass above the site), and whilst no full investigation was carried out, I consider the land coull be made available without detriment to the owners. In other words, if administratively desirable, a station could be established in conjunction with an airstrip at KORIDANGA.

## VILLAGES AND VILLAGE OPFICIALS:-

See appendixs ' $A$ ' and ' $B$ ' for short notes on village/groups and village officials.

There are no villages in the accepted term. The people live in scattered hamlets of from one to five houses surrounded by gardens, in family or extended family groups.

A problem was to ensure that the patrol camped in a central site acceptable to the people, bearing in mind that future patrols will probably be guided to that site. Am attempt was made to use initiation and cerimonial sites, but also to camp near or in one of the larger hamlets in order to gain the greatest possible contact.

A number of rest houses and/or police barracks were built by the patrol, however the matter was vot emphasised, as it is useless building if the people do not look after them. Those built could be used as 'test examples' - if they are keept in repair, other groups could be encoryaged to build. Wherever buildings were built, the people were requested to look after them. All those built by Mr Brown's, patrol have fallen down.

## EDUCATION:

Nil. There were two enquites as to where and when children could be sent to school. Children should not be encouraged to attend schools on the coast, as there is no (?) malaria in the area, and resistence is low. The alternative is for children to go to MENYAMYA mission schools, or KAINTEBA mission schools if and when established.

HEALTH:
The general health is surprisingly good,
(18)
though I suspect that many sick people did not visit the patrol.

Three YATV cases were seen. One case of secondary yaws was taken to Kerema, two cases of primary (?) yaws to Kainteba。

The main disease problems are various skin diseases, cuts and various other sores, some of which are quite serious, when they develop into tropical ulcers. With greater movement to the coast in the future, it is to be expected that malaria will be introduced.

A number of cases of epilepsy were noted, non of them serious, and in all cases the convulsions last for a short period only. It is suspected that there are a number of less obvious but serious diseases in the area.

The child mortality rate is his. It is not unusual for a woman under the age of 32 years to have one, possibly two children alive, and up to four or five deceased.

Especially in the villages that have a diet mainly of bananas and sugar, or sweet potato and sugar, there are signs of diet deficiency.

## A.P.O. Grade 11 MEMAFU KAKE accompanied

 the patrol for two weeks.- Medical attention was given to all persons seen that required it. It is recommended that at least one of the Aid Post Orderlies posted to Kainteba should be of local origin - i, e., have a knowledge of the language, customs and ideas associated with disease. The lack of this kncwledge is the main barriers between the Medical staff and the patients. There is trained medical staff both at Kerema and Meny,mya who come from this language group.
## CENSUS:

A total of 1,204 people were censused, and there is an estimated population of 2,380. For a break up of these figures see Appendix ' $A$ ' and the Village Population Register.

As expected, there is a higher proportion of males censused, the females being more reluctant to appear. I al so suspect that a number of children stayed with their mothers, and thus were not censused.

No resentment was encounted to the actual taking of census once friendly relations had been established and an explination given. However, as expected, there was some difficulty in finding the 'true' nane, especially of the females, there being certain prohibitations or refering to a person by his or her 'true' nome in che presence of certain relations. See append ${ }^{*} x{ }^{\prime} C '$, Anthiopology, for a preliminary report on tie system of names etc..

The birth rate appears high, and may be
(15)
(1) The fact that this was an initial census, and a number of babies may have been just over a year old, but were included as new births.
(11)

There is social pressure to have family of three or more, and due the suspected high mortality rate, especially amongst children, there is a pressure to have more children to act as 'replacements' as older ones die.
The fact that only a little over half the popular tin was censused was expected. Apart from the persons who ran away, this was the first patrol that has attempted to assemble all the people at the one time. A number of people would arive early and become tired of waiting and depart prior to the census, whilst others would arrive after the census had been taken. The desirability of all persons assembling at the one time was explained, but it is envisaged that it will not be till the third or fourth census that this is understood.

## CONCLUSIONS:

This patrol is regarded as one of many necessany to bring these people completely under control and create satisfactory Administration/Native relations. No spectacular results were expected, and the good reception met with in many villages is balanced by the lack of contact in a few and the situation at PAU Village.

The main achievements wera the compilation of the initial census, contact with previously uncontacted groups, and the almost complete coverage of the Division by a single patrol.


## APPENDIX (A)

NOTES ON VILIAGE GROUPS:

$\frac{\text { Village }}{\text { Enumerated Pationated }}$| 125 |
| :--- |
| 2,0 |

VILLAGE OPFICIALS:
There are three Village Constables in the Division. Non are outstanding. Their main function appears to consist of actirg as watch dogs for the Administration, reporting on their general aress occasiorially. They are of some assistence to patrols, from which they gain desirable prestige. Some instruction was given as to their functions and duties, and the people generally informed of same.

No recommendations axe made for the appointment of more Village Constables.


## i) Naming System -

Two generalizations can be made in relation to the naming system of these people. Firstly, at various stages during a persons life he changes his name. Secondly, despite the chang/ss in names, the person keeps the name given to him in early childhood.

Upon the adoption of the first 'new' name, the childhood names becomes secret, and should not be mentioned allowed, especially in the presence of his close relations. Part of the reason for this prohibition is fourd in the involved sorcery systems of the area - a person knowing the true name of another has a hold over that person.

The changing of names is not made indiscriminately. On reaching puberty a person loses his original name which węs given to bim by his mother on birth or shortly after. (There can be a delay of up to two years if the child is sickly, and the child is known as 'child').

The names taken after puberty are descriptive ones, referring to him as the elder brother (or sister), the mother, father, uncle, etc., of an appropriate child, or referring to him in relation to his possessions such as pigs or dogs. This is done by using the name of the appropriate relative or pig, etc., followed by a suffix describing his relation to that relative or pig, etc..

Herewith a list of the more common suffixe:-


It will be noted that the suffix meaning grandfather or grandmother (KAIAI and KAI) is the same as the suffix meaning pig or dog's owner. Hovever pigs an. dogs are never given names similar to those given to children, and the two situations are differentiated by the different primary name.

When a child reaches puberty and lases his name, the adult relative is no longer known in connection with the childs name. However in the case of a man's younger sister, or a man's sister's child, when the female child reaches puberty, the older brother or maternal uncle can
be called thus:
HITA
HITA $\left\{\begin{array}{l}\text { young lady } \\ \text { young lady }\end{array}\right.$ plus -KATA $\quad$ plus -KAN $\quad\left\{\begin{array}{l}\text { older brother) } \\ \text { maternal uncle) }\end{array}\right.$
Later, if this girl should die, the brother and uncle would be called

PIA $\begin{array}{l}\text { (dead female } \\ \text { PIA } \\ \text { dead female }\end{array}$ plus -KATA $\quad$ (olus -KAM $\quad$ (mater brother $) ~\left(\begin{array}{l}\text { uncle })\end{array}\right.$
The above list of combinations of names does not exhaust the vocabulary, but the examples give an idea of the functioning of the system.

There are cases where a child, especially female children, are given the following names:

$$
\left\{\begin{array}{l}
\text { name of clan } \\
\text { name of clan }
\end{array}\right) \quad \text { plus-APAKI (woman of .....clan) }
$$

In some cases the above two names are taken on after puberty ix when the childhood name is discarded from common usage, and are not ussd from birth.

## ii) Clan System-

Social organisation within the Division is 'Jased primarily on the frmily and extended family unit. The exact functions of the clan system, and its situation within the social system will require further investigation to date only uncorroborated information has been collected.

It is suspected that the clan system does play an important part, possibly in relation to land tenure.

Of interest is the fact that whilst all persons know their clan name, they often do not know the name of their own fethex.

The following list of clan names is not necessarly complete, and it should be noted that, due to slight $\not \subset$ differences in pronunciation between various groups of the entire linguistic area (from the Watut through Aseki and Kainteba to the coast behind Kerema), these clan's names are not pronounced the same in all areas.

APAI'A
AMGAMDIA
HAMDIA
HINGOPAIR
INYETA
KAPITA
KARMIA
KAMKATA
KORTIRA
NAUTSIA PATAI'A PAI'YA PWEGA

Membership of the above lans is by the patri-line, females taking their father's clan, her children her hushands clan.

SANSA (TSA'TSA)
TETAMIA
TITOMA
TOUST:
TOUYA
WOTRA
YAKORTA

APPENDIX D.
INDIGENOUS SQUATTERS.
Kaberope Division by this patrol.
The refugees from the pre-Administration
F
fighting around PAU Village, who have settled in the KWAMBEGA/WENNA River area, are using usufructry
$\square$

$\square$ $\square$
$\qquad$
5


