ANNUAL REPORT
OF
BRITISH NEW GUINEA,
FROM
1ST JULY, 1896, TO 30TH JUNE, 1897;
WITH
APPENDICES.

PRESENTED TO BOTH HOUSES OF PARLIAMENT BY HIS EXCELLENCY'S COMMAND.
ANNUAL REPORT, 1896-97.

INDEX.

Section. | Subject. | Pages.
--- | --- | ---
| | Preliminary | v.
| | LEGISLATION. | v.
| | Ordnances passed during year 1896-97 | v.
| | Regulation passed by Native Regulation Board | vi.
| | Proclamations having Force of Law | vi.
| | ADMINISTRATION OF JUSTICE. | vi.
| | Staff for Administration of Justice; Particulars of Matters dealt with Judicially | vi.
| | Remarks on Matters dealt with Judicially | vii.
| | ADMINISTRATIVE VISITS OF INSPECTION. | viii.
| | Visit of Inspection to various places in East End of Possession | x.
| | Journey of Inspection from Mouth of Manambore River across the Island | x.
| | Visit of Inspection to certain places in Eastern Portion of the Possession | xii.
| | Visit of Inspection to Western Division of the Colony | xiv.
| | Visit to Manambore River District, and steps taken to discover Perpetrators of Murders at Peni, Gob的核心, &c. | xiv.
| | Visit of Inspection to the Kirwinian Group | xv.
| | REPORTS BY OFFICERS. | xvi.
| | Report of Resident Magistrate for Western Division | xvi.
| | Report of Resident Magistrate for Eastern Division | xvi.
| | Report of Resident Magistrate for Central Division | xvi.
| | Report of Resident Magistrate for South-Eastern Division | xvi.
| | Report of Government Agent for Bago District | xvi.
| | Report of Commandant of Armed Constabulary | xvi.
| | Report of Travelling Government Agent | xvii.
| | Report of Head Gadar | xvii.
| | MISSIONS. | xviii.
| | Visit made by General Secretaries of Wesleyan Mission and London Missionary Society; Visit of Inspection to London Missionary Society's Schools at Port Moresby | xviii.
| | MINING. | xix.
| | Remarks on Numbers, Distribution, and Conduct of Miners generally | xix.
| | Prospecting Expedition undertaken in Central Division | xix.
| | Assistance rendered by Government to Miners in Central Division | xix.
| | Stores taken for Relief of Sick and Indigent Miners | xx.
| | Mining Operations in South-Eastern Division | xx.
| | Results obtained in Upper Manambore District and Moni Valley | xx.
| | Despatching Nature of Mining Results generally | xx.
| | Return of Miners' Rights issued during year | xx.
| | TRADE. | xx.
| | Imports | xx.
| | Exports | xx.
| | Shipping | xx.
| | Postal | xx.
| | FINANCE. | xxii.
| | Revenue | xxiii.
| | Expenditure | xxii.
| | S.S. "Morrie England" | xxiv.
| | Reason for Expenditure in excess of Appropriation | xxiv.
| | SCIENTIFIC REPORTS. | xxiv.
| | Report on Birds by Mr. De Vie | xxiv.
| | Report by Mr. J. B. Cameron on Land Surveyed | xxiv.
| | Report by Mr. W. E. Buchanan on Result of Expedition to Foot of Main Range | xxiv.
| | METEOROLOGICAL. | xxiv.
| | List of Officers: Losses by Death during Year | xxv.
| | GENERAL. | xxvi.
| | Assistance rendered by Government of Queensland: Good Work performed by Civil Service of Possession | xxvi.
## INDEX

<table>
<thead>
<tr>
<th>Section</th>
<th>Subject</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>Despatch reporting Visit of Inspection to Various Places in the East End of the Possession</td>
<td>1</td>
</tr>
<tr>
<td>B.</td>
<td>Despatch reporting Visit to the Schools of the London Missionary Society at Fort Moresby</td>
<td>3</td>
</tr>
<tr>
<td>C.</td>
<td>Despatch reporting Ascent of Mambare River and Journey across the Island</td>
<td>4</td>
</tr>
<tr>
<td>D.</td>
<td>Despatch reporting Visit of Inspection to Certain Places in the Eastern Portion of the Possession</td>
<td>17</td>
</tr>
<tr>
<td>E.</td>
<td>Despatch reporting upon the Gold-bearing Districts of the Possession</td>
<td>23</td>
</tr>
<tr>
<td>F.</td>
<td>Despatch reporting Visit of Inspection towards the Western Division of the Possession</td>
<td>23</td>
</tr>
<tr>
<td>G.</td>
<td>Despatch reporting Ascent of Mambare River and Action taken to Discover Actual Perpetrators of Murders</td>
<td>25</td>
</tr>
<tr>
<td>H.</td>
<td>Despatch in continuation of Report of Ascent of Mambare River to effect Punishment of Murderers</td>
<td>20</td>
</tr>
<tr>
<td>I.</td>
<td>Despatch reporting Visit to Kirawina</td>
<td>37</td>
</tr>
<tr>
<td>J.</td>
<td>Despatch recommending that the Gira River be made to form the Boundary between German and British New Guinea</td>
<td>36</td>
</tr>
<tr>
<td>K.</td>
<td>Despatch submitting Estimates of Expenditure for the Year ending 30th June, 1897</td>
<td>40</td>
</tr>
<tr>
<td>L.</td>
<td>Report of the Resident Magistrate for the Western Division</td>
<td>43</td>
</tr>
<tr>
<td>M.</td>
<td>Report of the Resident Magistrate for the Eastern Division</td>
<td>48</td>
</tr>
<tr>
<td>N.</td>
<td>Report of the Resident Magistrate for the Central Division</td>
<td>51</td>
</tr>
<tr>
<td>O.</td>
<td>Report of the Resident Magistrate for the South-Eastern Division</td>
<td>56</td>
</tr>
<tr>
<td>P.</td>
<td>Report of the Government Agent for the Igu Districk</td>
<td>58</td>
</tr>
<tr>
<td>R.</td>
<td>Report of the Commandant of Armed Constabulary</td>
<td>63</td>
</tr>
<tr>
<td>S.</td>
<td>Report of the Travelling Government Agent</td>
<td>68</td>
</tr>
<tr>
<td>T.</td>
<td>Report of the Head Gadar</td>
<td>69</td>
</tr>
<tr>
<td>V.</td>
<td>Report of Proceedings of Prospecting Party to the Kemp Welach District</td>
<td>73</td>
</tr>
<tr>
<td>W.</td>
<td>Report of the Treasurer of the Fort Moresby Hospital</td>
<td>74</td>
</tr>
<tr>
<td>X.</td>
<td>Report of the Medical Officer of the Port Moresby Hospital</td>
<td>74</td>
</tr>
<tr>
<td>Y.</td>
<td>Imports, Exports, Navigation, and Postal</td>
<td>75</td>
</tr>
<tr>
<td>Z.</td>
<td>Meteorological Returns</td>
<td>80</td>
</tr>
<tr>
<td>AA.</td>
<td>Report by C. W. De Vis on Birds</td>
<td>81</td>
</tr>
<tr>
<td>BB.</td>
<td>Native District spoke by Natives from Hood's Bay to Macdonnell's Harbour</td>
<td>91</td>
</tr>
<tr>
<td>CC.</td>
<td>Certificate of Audit</td>
<td>98</td>
</tr>
<tr>
<td>DD.</td>
<td>Maps</td>
<td>98</td>
</tr>
</tbody>
</table>
BRITISH NEW GUINEA.

ANNUAL REPORT.

British New Guinea,
17th January, 1898.

My Lord,—I have the honour to submit the usual Annual Report for the year ending 30th June, 1897. The arrangement of subjects is generally the same as that of previous years.

LEGISLATION.

1. Ordinance No. IV. of 1896 was passed after it was found that the mineral osmiridium occurs in traces round the eastern spurs of Mount Scratchley and in the valley of the Chirima. It became advisable to extend to prospectors for this metal the same privileges as are given to prospectors for gold. The ordinance does this by including the metals of the platinum group under the term "gold" in the goldfields laws in force in the colony.

Ordinance No. V. of 1896 appropriates for the services of the year ending 30th June, 1897, the sum of £15,000, the ordinary amount available for a period of twelve months under the arrangement between the Imperial Government and the contributing colonies, as well as the sums required for the maintenance of the s.s. "Merrie England."

Ordinance No. VI. of 1896 appropriates a special sum of £1,000 for the purchase and preliminary survey of blocks of land to be set apart for the encouragement of European settlement. The three contributing colonies agreed that this sum should be provided from the accumulated and undivided revenue collected in the Possession.

Ordinance No. I. of 1897 was passed to impose a license on firearms. This measure was very unpopular, principally because there is not such a license in the neighbouring colonies. It would have been difficult to carry out in some parts of the colony under the circumstances, and it has lately been repealed.

Ordinance No. II. of 1897 makes certain amendments to "The Native Labour Ordinance of 1892." It has been the policy of the Government to relax or remove restrictions on the employment of native labourers in proportion as the advancing pacification of the country has made this possible. This law permits of natives being taken for engagement before any officer in a settled district qualified to deal with labour contracts. By a Proclamation issued on the 4th February the whole of the southern coast of the colony, from its boundary on the west as far as Samarai, was declared to be a settled labour district under the Ordinance; the effect of which is that labourers, recruited, for example, in Orangerie Bay, or in the western portion of the Gulf of Papua, may be taken before a magistrate at Port Moresby for engagement, thus avoiding the considerable time and trouble that would be required in taking them to Samarai or Darc.

The same law also renders it compulsory on an engaged native, under liability to imprisonment, to perform the duties he has undertaken.

Ordinance No. III. of 1897 amended the Customs Ordinance in so far that the duty on spirits was raised by it from 12s. to 14s. a gallon.

Ordinance No. IV. of 1897 amends the Pearl-shell and Bêche-de-mer Fishery Ordinance of 1894, by prohibiting the fishing of or dealing in pearl-shell of less dimensions than five inches. This law was necessary to bring restrictions in the Possession into conformity with those applied in Queensland waters. Certain exceptional cases are dealt with similarly in the two colonies.
VI.

ORDINANCE No. V. of 1897 amends the Gold Fields Act in force in the Possession by enabling the Administrator-in-Council to extend beyond three years from the date of the proclamation of a locality as a goldfield the term during which Asiatic or African aliens shall not be admitted upon such a field. This brings the mining law of the Possession into unison with the law on the same point in Queensland.

2. During the year only one Regulation was passed by the Native Regulation Board, dealing with native carriers for Government. This Regulation, subject to certain precautionary measures to guard against abuse or oppression, makes it obligatory on such natives as are fit to act as carriers, to serve once a year in that capacity, if called upon to do so. Carriers are to be fed by the Government, and to receive such pay as may from time to time be determined by the Administrator.

3. Certain Proclamations were issued having the force of law. By a Proclamation made on the 5th August the removal of any cattle, horses, sheep, goats, dogs, or pigs from the Island of Sudest to any other island or district in the Possession is prohibited.

This was rendered necessary by the thoughtless introduction into Sudest of cattle affected by ticks.

Owing to the reported existence of smallpox in German New Guinea, that territory was, by a Proclamation made in August, declared to be an infected place under the quarantine law of British New Guinea.

By a Proclamation made in March the introduction of cattle, horses, or mules into the Possession from any place in Queensland south of “the tick boundary” is permitted under certain restrictions. By a Proclamation issued in June, 1896, the introduction of such animals from Queensland had been absolutely prohibited.

ADMINISTRATION OF JUSTICE.

4. The staff for the administration of justice remained practically the same as in the preceding year.

The subjoined tables of cases dealt with by the several courts have been prepared by His Honour F. P. Winter, C.M.G., Chief Judicial Officer:—

MATTERS DEALT WITH JUDICIA LLY DURING THE YEAR ENDING 30TH JUNE, 1897.

CENTRAL COURT.

CRIMINAL JURISDICTION.

<table>
<thead>
<tr>
<th>Number of Persons Committed for Trial.</th>
<th>District from which Committed.</th>
<th>Persons Committed—how Disposed of.</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
<td>Central District</td>
<td>13 tried 4 discharged.</td>
</tr>
<tr>
<td>22</td>
<td>Eastern District</td>
<td>12 tried 19 committed quashed.</td>
</tr>
<tr>
<td>25</td>
<td>Western District</td>
<td>21 tried 1 discharged 1 sent back to magistrate 2 awaiting trial.</td>
</tr>
<tr>
<td>Total ... 64</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. of Persons Indicted</td>
<td>Offence Charged</td>
<td>Assault of Wld.</td>
</tr>
<tr>
<td>------------------------</td>
<td>----------------</td>
<td>----------------</td>
</tr>
<tr>
<td>2</td>
<td>1 murder, 1 abusing girl under twelve</td>
<td>1 guilty of manslaughter, 1 not guilty</td>
</tr>
<tr>
<td>1</td>
<td>1 murder</td>
<td>1 guilty of manslaughter</td>
</tr>
<tr>
<td>1</td>
<td>1 wounding with intent, &amp;c.</td>
<td>1 guilty of wounding</td>
</tr>
<tr>
<td>3</td>
<td>1 assault, 2 murder</td>
<td>1 guilty of assault, 2 guilty of manslaughter</td>
</tr>
<tr>
<td>4</td>
<td>2 murder, 2 assault</td>
<td>2 guilty of manslaughter, 1 guilty of assault, 1 not guilty</td>
</tr>
<tr>
<td>5</td>
<td>5 murder.1 arson, 1 indecent assault 2 guilty of murder, 1 guilty of manslaughter, 1 guilty of arson, 1 guilty of indecent assault</td>
<td>2 death, 1 one year's, 1 four months', 1 six months' imprisonment with hard labour.</td>
</tr>
<tr>
<td>3</td>
<td>3 larceny</td>
<td>2 not guilty</td>
</tr>
<tr>
<td>1</td>
<td>1 stealing girl under ten</td>
<td>1 not guilty</td>
</tr>
<tr>
<td>2</td>
<td>2 murder</td>
<td>2 guilty of manslaughter</td>
</tr>
<tr>
<td>1</td>
<td>1 wounding with intent, &amp;c.</td>
<td>1 guilty of wounding with intent</td>
</tr>
<tr>
<td>2</td>
<td>3 murder</td>
<td>3 guilty of murder</td>
</tr>
<tr>
<td>1</td>
<td>1 murder</td>
<td>1 guilty of murder</td>
</tr>
<tr>
<td>1</td>
<td>1 murder</td>
<td>1 guilty of manslaughter</td>
</tr>
<tr>
<td>2</td>
<td>Breaking pool</td>
<td>2 guilty</td>
</tr>
<tr>
<td>3</td>
<td>3 murder, 1 manslaughter, 1 rape, 1 indecent assault, 1 assault girl under ten, 1 wounding</td>
<td>4 guilty of manslaughter, 1 not guilty of rape, 13 guilty of indecent assault, 1 guilty of wounding girl under ten years of age, 1 guilty of wounding</td>
</tr>
<tr>
<td>2</td>
<td>Port Moody—24th May, 1897</td>
<td>2 guilty, 2 not guilty of murder, 6 guilty, 1 not guilty of manslaughter</td>
</tr>
<tr>
<td>1</td>
<td>1 larceny</td>
<td>1 guilty</td>
</tr>
</tbody>
</table>
### VIII.

**CIVIL BUSINESS.**

<table>
<thead>
<tr>
<th>Number of Proceedings</th>
<th>Nature of Proceedings, &amp;c.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Appeals from Warden's Courts</td>
</tr>
<tr>
<td>2</td>
<td>Applications for order under section 34 of Insolvent Act by Curator of Intestate Estates.</td>
</tr>
<tr>
<td>2</td>
<td>Applications for order to administer by Curator of Intestate Estates.</td>
</tr>
<tr>
<td>3</td>
<td>Applications by Curator of Intestate Estates for directions.</td>
</tr>
<tr>
<td>2</td>
<td>Applications by Executors for probate.</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>11</strong></td>
</tr>
</tbody>
</table>

### COURTS OF PETTY SESSIONS.

#### INDICTABLE OFFENCES JURISDICTION.

<table>
<thead>
<tr>
<th>District of Court</th>
<th>Number of Persons Charged</th>
<th>Nature of Charge</th>
<th>Result of Inquiry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central District</td>
<td>18</td>
<td>15 murder</td>
<td>12 committed</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 manslaughter</td>
<td>1 discharged</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 indecent assault</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>9 murder</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 abusing female child</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 assault</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12 brawny</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 rape</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 wounding</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 breaking out of goal</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 number</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>13 indecent assault</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 wounding</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 rape</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 manslaughter</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 abusing female child</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>74</strong></td>
<td></td>
<td></td>
</tr>
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</table>

#### SUMMARY OFFENCES JURISDICTION.

<table>
<thead>
<tr>
<th>District of Court</th>
<th>Number of Persons Charged</th>
<th>Nature of Charge</th>
<th>Result of Trial</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central District</td>
<td>57</td>
<td>6 brawny</td>
<td>5 convicted, 1 discharged.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 breach of Bêche-de-mer and Pearl-shell Ordinance</td>
<td>1 convicted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 breach of Constabulary Ordinance</td>
<td>4 convicted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>16 assault</td>
<td>15 convicted, 1 discharged.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 careless use of fire</td>
<td>1 convicted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 breach of Prison Ordinance</td>
<td>4 convicted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 breach of Wild Birds Ordinance</td>
<td>1 convicted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 using threatening language</td>
<td>1 convicted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>23 breach of Native Labour Ordinance</td>
<td>23 convicted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8 assault</td>
<td>23 convicted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6 drunk and disorderly</td>
<td>23 convicted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 breach of Quarantine laws</td>
<td>23 convicted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>35 breach of Native Labour Ordinance</td>
<td>23 convicted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 breach of Prison Ordinance</td>
<td>23 convicted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 breach of Constabulary Ordinance</td>
<td>23 convicted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 breach of Merchant Shipping Act</td>
<td>23 convicted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>25 brawny</td>
<td>20 convicted, 3 discharged.</td>
</tr>
<tr>
<td>Eastern District</td>
<td>81</td>
<td>2 assault</td>
<td>20 convicted, 3 discharged.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 brawny</td>
<td>20 convicted, 3 discharged.</td>
</tr>
<tr>
<td>Western District</td>
<td>6</td>
<td></td>
<td>4 convicted.</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>144</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### CIVIL JURISDICTION.

<table>
<thead>
<tr>
<th>District of Court</th>
<th>Number of Actions Tried</th>
<th>Nature of Action</th>
<th>Result of Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central District</td>
<td>4</td>
<td>4 debt</td>
<td>3 verdict for plaintiff.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11 debt</td>
<td>1 verdict for defendant.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 damages</td>
<td>3 verdict for defendant.</td>
</tr>
<tr>
<td>Eastern District</td>
<td>14</td>
<td></td>
<td>3 settled out of court.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 verdict for plaintiff.</td>
</tr>
<tr>
<td>Western District</td>
<td>...</td>
<td>Nil</td>
<td>1 settled out of court.</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>18</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
IX.

NATIVE MAGISTRATES' COURTS.

CRIMINAL JURISDICTION (FORBIDDEN ACTS).

<table>
<thead>
<tr>
<th>District of Court</th>
<th>Number of Persons Charged</th>
<th>Nature of Charge</th>
<th>Result of Trial</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 2 (Central)</td>
<td>146</td>
<td>6 spreading lying report...</td>
<td>6 convicted...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11 assault</td>
<td>11 convicted...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>44 larceny</td>
<td>44 convicted...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 abduction</td>
<td>1 discharged...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 disloying magistrates' orders...</td>
<td>5 convicted...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8 adultery</td>
<td>8 convicted...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>40 breach of Roads Regulation...</td>
<td>40 convicted...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>24 breach of Burial Regulation...</td>
<td>24 convicted...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 sorcery</td>
<td>1 convicted...</td>
</tr>
<tr>
<td></td>
<td>39</td>
<td>15 adultery</td>
<td>15 convicted...</td>
</tr>
<tr>
<td>No. 3 (Eastern)</td>
<td></td>
<td>3 larceny</td>
<td>3 convicted...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 spreading lying reports</td>
<td>3 discharged...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11 sorcery</td>
<td>11 convicted...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7 breach of Burial Regulation...</td>
<td>7 convicted...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 using threatening language</td>
<td>2 convicted...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 larceny</td>
<td>1 convicted...</td>
</tr>
<tr>
<td>No. 1 (Western)</td>
<td>17</td>
<td>12 adultery</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>4 assault</td>
<td>4 convicted...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 larceny</td>
<td>1 convicted...</td>
</tr>
<tr>
<td>Total</td>
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CIVIL JURISDICTION (CIVIL CLAIMS).

<table>
<thead>
<tr>
<th>District of Court</th>
<th>Number of Actions Tried</th>
<th>Nature of Claim</th>
<th>Result of Trial</th>
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<tbody>
<tr>
<td>No. 2 (Central)</td>
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<tr>
<td></td>
<td></td>
<td>2 damages</td>
<td>2 for plaintiff.</td>
</tr>
<tr>
<td>No. 3 (Eastern)</td>
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<td>1 damages</td>
<td>1 for plaintiff.</td>
</tr>
<tr>
<td>No. 1 (Western)</td>
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</tr>
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<td>Total</td>
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</table>

TOTAL NUMBER OF CRIMINAL PROCEEDINGS.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>In Central Court</td>
<td></td>
<td></td>
<td>64</td>
</tr>
<tr>
<td>In Courts of Petty Sessions</td>
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<td>15</td>
</tr>
<tr>
<td>In Native Magistrates' Courts</td>
<td></td>
<td></td>
<td>232</td>
</tr>
<tr>
<td>In all Courts</td>
<td></td>
<td></td>
<td>420</td>
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TOTAL NUMBER OF CIVIL PROCEEDINGS.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>In Central Court</td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>In Courts of Petty Sessions</td>
<td></td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>In Native Magistrates' Courts</td>
<td></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>In all Courts</td>
<td></td>
<td></td>
<td>35</td>
</tr>
</tbody>
</table>

5. During the year eight persons, all of them aboriginals, were sentenced by the Central Court to undergo capital punishment. In no case was the death sentence actually carried out. These cases were briefly as follows:—

In September, a native of Yaruni, on the Astrolabe Range, was tried for a murder committed by him in 1892, when his tribe made an attack on the Veibiri sept. Two other members of the same aggressive party were tried for the same offence in 1893, and were convicted. In their cases the sentences were commuted to five years' penal servitude. The accused acknowledged the crime with which he was charged. The sentence was commuted to five years' penal servitude.

In 1894 some of the men of the village of Borabora, who were wandering around in the woods, were attacked by a body of men from the village of Bemuni. Two of the Borabora natives were killed. The cause of this attack was the marriage of a girl belonging to a third village to one of the Borabora men. Negotiations had been opened by one of the Bemuni men, called Moiamoria, for a marriage between himself and the girl. He and his friends seemed to have regarded the marriage of the girl to the Borabora man as a grievous injury, which, according to native custom, required to be avenged. Moiamoria was captured in 1896, and tried for his participation in the above murder. The capital sentence was commuted to five years' penal servitude.
In January three natives of Uberi were convicted of the murder of certain members of the tribe of Awaiatenunu. The Uberi represented the strongest section of the natives of the district who, under the name of Elé, had become notorious from the attacks made on the travellers, Mr. Morrison and Dr. H. O. Forbes. They have always been aggressive in recent years, and have been engaged in many conflicts with their neighbours. Ten men of the Uberi met a man and a small boy of Awaiatenunu in the bush. They killed the small boy. The murderer acknowledged that he had committed the homicide.

A party of the Uberi made a direct attack on Awaiatenunu village, and killed three of its inhabitants. Two of the assailants were convicted. They also admitted their participation in the crime.

These cases were all regarded as episodes in the intertribal warfare that had existed there periodically for many generations. The strife had been forced on the people attacked, who really wished for peace; but Government authority had not been established over the Uberi. The sentences were commuted to five years’ penal servitude in each case.

In January a native of the Hagari tribe, which occupies the southern spurs of Mount Service on the banks of the Nacro and Buguva, was convicted of murder. His tribe had made a descent on a village on the Lower Vanaa, and killed a woman there. The constabulary, under the leadership of the Commandant, crossed from the Lower Vanaa, traversed several mountain ranges, and arrested one man after a slight skirmish with the tribe. The accused admitted that he assisted in committing the murder. The Hagari tribe was unknown to the Government previously, and they had no acquaintance with the Administration in any way. The capital sentence was commuted to five years’ penal servitude.

In May two men of the Womai village of Karama, in Freshwater Bay, were sentenced to death for the murder of a reputed sorcerer. It had been currently said of this latter that he had caused the death of five persons by sorcery. The two men convicted killed the sorcerer the day after the death of the child of one of them, under the idea that he had brought about the death of the child, and that they were therefore performing a meritorious service. The sentences were commuted to five years’ penal servitude.

Sittings of the Central Court were held as under—
In the South-Eastern District, 1, at Nivani.
In the Eastern District, 11: 1 at Kiriwina; 1 at Ferguson Island; 6 at Samarai; 1 at Normanby Island; 1 at Orange Bay; 1 at Dufaure Island.
In the Central District, 5, at Port Moresby.
In the Western District, 1, at Saganua.
Of the 64 persons committed for trial before the Central Court, 46 were actually tried; and at the end of the year 2 were still awaiting trial. The others were discharged or acquitted.
Of the 37 cases due to violence, 28 were charges of murder, 7 of manslaughter, 3 of wounding, and 4 of assault. The sexual crimes charged were 19.
In the lower courts 144 cases were disposed of in summary jurisdiction. Of these 50 were for breach of the Native Labour Ordinance, and 35 for larceny. Six persons were proceeded against for being drunk and disorderly, all in the Eastern District.
In the civil jurisdiction of the lower courts 18 cases were heard.
In the Native Magistrates' Courts 262 cases were tried. The principal offenders were convicted under—

<table>
<thead>
<tr>
<th>Offence</th>
<th>Number</th>
<th>Notes</th>
</tr>
</thead>
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<tr>
<td>The Road Regulation</td>
<td>49</td>
<td></td>
</tr>
<tr>
<td>For stealing</td>
<td>48</td>
<td></td>
</tr>
<tr>
<td>For breach of Burial Regulation</td>
<td>31</td>
<td></td>
</tr>
<tr>
<td>For adultery</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>For assault</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>For sorcery</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>For spreading lying reports</td>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

Ten cases came before the civil jurisdiction of the Native Courts. The total number of cases dealt with in all Courts was 459.
VISITS OF INSPECTION.

6. On the 26th July a call was made at Dufare Island, chiefly to pick up a party that had been sent to visit the island tribes of Orange River. These were found to be friendly, and the district to be in peaceful quiet.

The gold and prisoners were seen to be in a satisfactory condition at Samacai, while several improvements on the island were in progress.

On 22nd July the station at Nivani was inspected, with a satisfactory result. The plantations of the station were doing well. The prison, which was clean, contained only four prisoners.

At Hula Bay, on Sudest Island, a careful inspection was made of a body of some fifty prisoners employed temporarily in the service of the British New Guinea Gold-Mining Company. The company were endeavouring to open up some gold-bearing quartz reefs near the centre of the island, the first attempt of the kind made in the Possession. They had, however, several miles of road to make over very difficult ground, and on this the prisoners were nearly all employed. They were under the sole management of the chief gaoler, with the usual staff of prison warders and an armed guard of the constabulary. These officers were paid by the company, who also maintained the prisoners and paid a small sum a day for each prisoner. The men were in excellent physical condition, well provided with food and medicine, and they were doing good work. Unfortunately, the troublesome disease “beriberi” made its appearance among them before they had completed the year agreed on, and several of them died of that malady. It has on several occasions manifested itself among the prisoners, but it was not expected among fine strong men, who were sufficiently well fed, and were camped in the open forest.

It was found that numbers of natives of Sudest were working at gold-washing on their own account, on regular miners’ rights. A visit was made to Woodlark Island at the end of July. At that time there were about 100 miners on the island, the greater number in a camp about eight miles from the sea, chiefly under canvas, but with a few houses of native material. Mr. Thompson, a storekeeper at this place, was, by the request of the miners, appointed a justice of the peace and postmaster. There were no disputes between the miners themselves. They raised no objection to the natives of the island working gold on their own account, but demurred to Europeans using natives to exploit the field on behalf of the former. The great majority of the men were industrious workmen of good character. Many men had done well on this field. There had not then been much sickness, and, fortunately, there had been no trouble between the miners and the natives. It was thought that up to that time about 12,000 oz. of gold had been obtained on the island.

A short halt made at the north side of Misima found all quiet and satisfactory there. There were not more than half-a-score of European miners on the island. The natives there do not prosecute the gold industry on their own account like those of Sudest.

7. On the 6th August I started from the mouth of the Mambare River on a journey of inspection that was extended right across the island. The lower villages of the Mambare were practically deserted through fear of the natives of the Gira River. The people of Yeu were timid, as they had some time previously tried to entrap Mr. Green, the Government Agent of the district. The inhabitants of Manatu were friendly. The Government Station on the Mambare was found to be in good order. During the few days we were at the station natives came there each day to sell food. They did not, however, give one the impression that they could be safely trusted if they thought themselves the stranger party. It was on this visit to the Mambare that we for the first time learned how the natives make the hole for the reception of the wooden handle in stone clubs. It is chipped out by means of a small stone about the size and nearly of the shape of a rifle bullet. Thunderstorms began for the first time that season on the 9th August, on the mountains to the north-west of the station.

A start was made from the station on the 11th August, and the same day, after passing over a large area of nearly flat and good land, we camped at the Green, an affluent of the Mambare coming from Mount Otovia. Beyond the Green the country passed over was considered very unsuitable for ordinary agriculture, though it is well watered. It took our party four days to reach Simpson’s store, on Mount Otovia. This was a camp consisting of two or three native houses built by the
pioneer prospectors of the district, of whom Mr. William Simpson had been leader. They cut a track from Clarke Fort, on the left bank of the Mambare, as far as the junction of the Chirima with the Mambare, by far the most arduous undertaking ever performed by any private exploring party in the colony. We followed this track, and consequently did not require to cut our way through the bush until we began to ascend Mount Scratchley. No trace of native occupation was met with between the Tamats and the Chirima, but there was abundant evidence of a large rainfall in that district, and this seems to favour the growth of several kinds of rubber-producing trees. From Simpson's store all the carriers that could be spared were sent back to the Government station. We arrived at the Chirima Junction on the 20th. Several miners were on their way to the coast, they being of opinion that the wet season was already setting in. It was soon quite plain that the Mambare River specially receives the drainage of Mount Scratchley, which it embraces on three sides.

At the crossing of the Chirima we built a strong, small loghouse for stores, and for the defence of the two or three men left in charge. There we were visited by about a hundred natives from the village of Neneba, who brought us a large quantity of native food. They are the only tribe that actually live on a spur of Mount Scratchley. They were seen to be somewhat darker in tint than the coast people of the Central district, but to be distinctly lighter than the average Fly River man. They are of fair size, and wiry in build. No stays or hair was seen in that part of the country. The young men wear the eyebrows; their elders have whiskers. The features are good and not irregular. The men wear the T-bandage. The women, in addition to this, wear a petticoat and mantle. The chief ornaments are earings made of lizards' tails, and cigarette-holders carried in the lobe of the ear. The scaly ringworm was already among them, and known by the Louisiade name of “sipona.” They had the bow and arrow, and stone clubs. They, like many of the bow and arrow tribes, have no pottery. Besides the ordinary indigenous native crops, they cultivate maize and the tobacco of the western country. They have no coconuts and no betel-nut. The floors of their houses are 6 or 8 feet above the ground, the roof thatched with a kind of pandanus leaf. On the 30th of August the party reached the McLaughlin Creek, a fine mountain stream on the east side of Mount Scratchley, where all the miners except one were at work. They had a considerable number of native boys under engagement, from the north-east coast. These transported the food and stores from the Government Station to the mining camps, and also worked on the field with fair skill and industry. They did not seem to be ill-treated, but the work was hard.

We followed the tracks of the prospectors to the farthest point inland, on a spur of Mount Scratchley facing the north end of the Yodda Valley, which begins there and extends southwards along the foot of the main range. Some of the natives of that place had made certain signs of friendly advancement towards the prospectors, but no communication was actually opened. On the 1st September the ascent of Mount Scratchley was begun, and on the 12th we pitched camp on the top. On the second day an altitude of 5,000 feet was reached, and we were then in a temperate climate. All vegetation was covered by moss and lichens, but the rains settling in regularly in the valleys below had not yet reached this altitude. From about 5,500 feet there was a good view to the gap or depression in the main range some ten or twelve miles east of Mount Victoria, but it did not seem to offer an inviting route by which to cross the mountain chain. The trailing climbing bamboo began between 7,000 and 8,000 feet. Most of the track was difficult to cut. The rains reached us about the 7th September, and attended us daily till we arrived at Doura on the south coast.

On the 8th September all carriers except tea were sent back to the Government Station, and, in addition to these ten, three constables were kept. The first ice was seen in the early morning at an altitude of 10,200 feet. At 11,000 feet grass patches began in the cypress forest, and at about the same place several of the party began to suffer from the rarity of the air. At the top of the mountain attention was given to geographical matters, for which a fine 3-inch theodolite was used. Whilst I was so occupied, assisted by Mr. Green, Mr. English was cutting the track towards the Owen Stanley Range.
It was soon that the Owen Stanley Range is connected to Mount Scratchley and the Wharton Range, and through the latter to Mount Albert Edward without any deep intervening depression. The geological formation of the whole of this vast mountain mass is schist and quartz. It was thought the sources of the Agagubunga (Mekeo) River had their origin from the west side of Mount Scratchley or the Wharton Chain, but it is now clear that these sources are further west, and begin at the western spurs of Mount Albert Edward. The village of Fofana, on the left bank of the Ajibara, was the only village seen on the Wharton Chain. Some specimens of natural history were collected, but a collector was established and left on the top of Mount Scratchley.

On the 17th September, the native that was ahead cutting the track reached the top of Winter Height, on the Owen Stanley Range, and found traces of the road cut there in 1889 during the first ascent of Mount Victoria. On the following day we camped on the height, having had an easy road from the first camp on the top of Mount Scratchley to that place. It was decided that a visit should be made for geographical purposes to the top of Mount Victoria, where we arrived with four or five carriers on the 20th, but found that nothing could be done in the fog and rain that lasted all day, and only the latitude could be taken at night. On the 22nd we travelled from the top of Mount Victoria to Winter Height in nine hours, and next day Mr. Green started back with his party to the Mambare Station. Mr. English and myself, with two constables and six carriers, continued the journey over the top of Mount Knutsford and down the Vanapa River. On the 29th we reached the village of Gosisi, on the Vanapa, the natives of which were much alarmed by our approach from the interior, as they had heard of no party being in that direction. They did not appear to know of any place or people on the other side of the Owen Stanley Range. The men of these tribes were remarkable for their excellent physical proportions and strength. They were timid and suspicious, but supplied us most liberally with food. On the 1st October they carried our effects to the hill above Tobiri, and finally to the Vanapa, at the foot of Mount Kowald. Beyond that point our 1889 track could not be followed, as all trace of it had disappeared. On the 12th September we arrived at the village of Koni, where we were well received. Next day we reached the sea-coast at Galley Reach. Short vocabularies were prepared of the dialects spoken at Nenela and Gosisi.

A start was made from Port Moresby on 9th November to visit the east end of the Possession. A passing visit was made to the Rigo Station, where matters were found progressing very satisfactorily. All was quiet in the neighbourhood of Suan, and also about Cape Vogel. On the 15th November we began the ascent of the Musa River with the steam launch and two whaleboats, but the former speedily became unserviceable. The river was flooded and difficult. The natives of Yasis, the first inhabited village, were timid but friendly. From that point it is possible to travel by native paths along the river, but the track is bad until the village of Dive is reached. The natives on the lower part of the river did not care about carrying for us, but the inhabitants of the upper villages were ready to do so, being less timid. When he had reached the hills I was obliged to return, owing to a very serious accident to Mr. Kowald, caused by the explosion of a dynamite cartridge he held in his hand. Two miners, McLeman and Simpson, went on to the Moni Valley with the carriers and six constabulary. They did not find any encouraging prospect. Descending the river with Mr. Kowald, we met a strong party of miners going up, several of whom were already sick. On the 7th December Mr. Kowald was placed on board the "Merrie England." On the 9th December we ascended the Mambare River to return Mr. Green to his station. The river had been flooded, and the lower natives had begun to build together at Gadara. A native of the Mambare district was taken back from Port Moresby by Mr. Green as one of his constabulary. This man and all the party received a friendly reception all along the river. There were about a dozen miners at the station, half of them sick. There were said to be about as many more on the Upper Mambare. Those that could not meet the expense of a passage in a private vessel were carried by the steamer to Samarai. Some of these miners did not treat their native boys well or fairly. Towards these latter the natives of the Mambare were decidedly unfriendly. The steamer left Samarai on the 15th December for Cooktown with Mr. Kowald on board. He died soon after in hospital there. Mr. Winter proceeded to Suileid in the steamer, and found the prisoners employed there to be in a satisfactory condition on the 8th January.
9. On the 8th February I left Port Moresby to make a visit of inspection in the western division of the colony. The Daru Station was in a satisfactory condition with large quantities of food in the gardens. A good and useful jetty was being built, and a new prison was under construction. A visit was made with a number of the principal men of the district to their hereditary fishing-grounds in the neighbourhood of the Barrier Reef, from whom it was learned that a line from Bramble Cay through the Moor Pass and thence to the south of Turn-Again and Deliverance Islands would secure their fishing rights and facilitate the work of administration in the west. No readjustment of boundary has yet been made between the two colonies. On the 1st March we reached the Morehead River, intending to try to induce the natives there to resettle and rebuild their villages. We were accompanied by natives of Mawatta and of the Wasi Kussa, to make these acquainted with the Morehead people. The natives were friendly, but living scattered in the woods. They were favourably disposed to rebuild, and were anxious to receive a mission among them. Fifty-four natives of British New Guinea were then living at Boigu. It was arranged that they should return to their own country and rebuild in June. On the return journey I heard at Boigu of the murder of Mr. Green and others on the Mambare, news which was confirmed by the Hon. John Douglas, C.M.G., who arrived at Daru on the 11th March. It became necessary to travel from Daru to Port Moresby in the steam launch, in order to reach the Mambare as soon as possible. On the way a call was made at Saguana, There the Rev. James Chalmers was found to be successfully carrying on an English mission and school. The tribes visited, or rather passed, near the mouths of the Aird River were friendly. We reached Port Moresby with the steam launch on the 22nd March.

10. A start was made from Samarai, 10th April, to visit the Mambare district. Mr. Moreton had gone thither soon after the murders committed there by the natives, but he wisely abstained from undertaking any active operations against the tribes of the locality with the small force at his command. Some natives that were loitering about the coast, near the mouth of the Mambare, did not decline to enter into communication with us. The natives on the lower part of the river fied on our approach. The large village of Peu was deserted. The inhabitants of Manatu were the only ones that remained to receive us. These had always been friendly. At some of the uninhabited villages a number of articles taken from Europeans were found. The buildings in course of erection at the new station had not been injured, and the natives had begun to construct new houses for themselves higher up the river, from which they fled before we reached them. At some of these considerable quantities of ammunition were found. The whole district in the vicinity of the Government Station was secured by the constabulary, but the natives avoided any encounter with them, and soon abandoned that part of the country. One warrior of the Apoehi tribe was captured, and another was shot dead in a skirmish with the natives of Peu in the thick scrub near the river bank. In a similar encounter with the Gadara tribe three men were arrested and one shot. None of the tribes ventured to make any show of open aggression or to threaten any attack on the constabulary. On the 1st May an attempt was made to suprise the village of Peu. There were about half-a-score of people there, but they escaped by abandoning their baggage. The whole country was again patrolled by the constabulary in several directions, and the formation of a new station at a better site was begun on the Tamata River. As it was most desirable to obtain a traverse of the Gira (boundary river) as far as it is navigable by boat, its ascent was begun on the 15th May. It is quite clear that the river opens into the sea in German territory, and speedily crosses the boundary line into British jurisdiction, but to again project a small loop on to or over the boundary, after which its course leads away to the south-west, like all other large rivers on the north-east coast.

There were undoubtedly many men from the hostile villages of the Mambare then seeking shelter on the Gira. The natives were timid, but not unfriendly. None were allowed to carry weapons, and they were not permitted free entrance to our camp. There is a good deal of fine planting land on this river, with many pleasant sites for building, and it has a comparatively large population. On the 6th June, the constabulary were led across the country from Apoehi village towards
the upper villages of the Gira. The country traversed between that and the village of Wade is not inviting in any sense. The villages of Wade and Diware contained, in addition to their own people, most of the fighting men of the hostile Mambare tribes. In an encounter with the constabulary two of their warriors were killed, and these tribes were cut off from those between Wade and the sea. A few days later they were forced to fight again, when four of their braves fell, and the others fled for their lives. It was not deemed necessary to inflict on them then any further loss of life, but it was decided to wait to see what change would take place with time.

11. A brief visit was made to the Kiriwina Group, on account of certain disturbances reported to have occurred there. Very satisfactory progress had been made by the Rev. Mr. Fellowes in mission work. The Resident Magistrate had experienced much trouble in putting an end to village burial. The traders had ceased to put obstacles in the way of mission work, and some of them had even rendered substantial assistance to Mr. Fellowes. Some tribal disputes were dealt with, and the surrender of some of the principals concerned was enforced. But what was, perhaps, of much greater importance, was that the great chief, Euanamaka, was made to grant land for a mission site at his own village—a concession he had hitherto refused to make.

REPORTS BY OFFICERS.

12. The Resident Magistrate for the Western Division reports that a fair advance was made by the natives in many ways, but in this he does not include house-building. Fortunately, the Burial Regulation has been well observed. Wabuda, which formerly gave us so much trouble, is now the most progressive tribe of the district. The Resident Magistrate has travelled a great deal in his division, visiting a number of villages that are unknown to me. At one of these, Baranoura, he saw the longest house we have yet met with in the colony. It was 827 feet long and 40 feet wide. The natives were found to be friendly everywhere, and to be well disposed towards law and order. It is now well known that there are wide areas of rolling grassy lands, much of it fit for cultivation, between the sea and the Fly River. The majority of the offences dealt with under the Native Regulations was on account of adultery. Violation of women and children is still very frequent. A remarkable case is mentioned, in which a native was relieving his grief by the usual expedient of discharging arrows; one of these passed through a native house and then through the body of a man—a good example of the tremendous force with which the bamboo bow shoots its missiles. The constabulary have rendered excellent service during the year. There are now thirty-six village policemen in the division. In addition to much cultivation of food for the use of the station, two large undertakings were on hand—the construction of a much-needed jetty and the building of a new gaol. The Resident Magistrate speaks favourably of the progress made by the Rev. James Chalmers at Sagnam, where great advantages to the natives will arise from their being taught in English. The health of the station and district was satisfactory. There is no doubt that the Resident Magistrate succeeded during the year in extending the influence and authority of the Government in a way that is very creditable to him.

13. The Resident Magistrate of the Eastern Division reports steady improvement on the part of the natives, which would, however, be greater but for the evil done by coloured traders and loafers. An epidemic of dysentery caused many deaths at certain places. He enforced the Burial Regulations, but in some instances not without considerable perseverance. It appears that certain employers of native labourers did not treat them so well as they should have done. There are twenty-seven village constables in the district, but some are not efficient, not receiving sufficient supervision. A wharf, which has 10 feet of water at low tide, has been built by Mosers, Burns, Philip, and Co., at Samarai. The Government ketch “Siai” is sailed by an exclusively native crew. In the rubber industry competition runs so high that the profits of the trader are said to be narrow, but it is to be presumed that the native has advantage from that. Mission work, carried on by the three Protestant missions, has progressed quietly and steadily during the year. The Rev. Copland King put through the Press the Gospel of St. Luke, written in the language of Bartle Bay. A great deal of work was performed by the magistrate on the coast line, which is not touched on in his Report.
14. The Resident Magistrate for the Central Division considers the condition of the coast tribes east of Port Moresby to be most satisfactory, but there are still inland tribes near the foot of the main range not yet under control, though the influence of the village policemen of the coast tribes is steadily extending itself in that direction. Visits were made to the sandal-wood camps, the native labourers at which were all well cared for. In the west the Burial Regulations had to be enforced at Apiope. Three murderers were successfully arrested in the Opaau villages, and two were arrested at Womai after some trouble, during which the natives discharged a shower of arrows on the constabulary. Bodies were exhumed to the number of sixty-four, and natives were punished under the Burial Regulation at several villages on the coast. The magistrate ascended the Biaru as far as Amoanoaaku. He had to remain over two months at Port Moresby to attend to sick and distressed miners.

Attention is drawn by him to the reign of terror caused by the Uberi tribe in the Astrolabe district, and the opinion is expressed that the Uberi and Hapari tribes are in touch with each other, and that a large force will be necessary to deal with them. The season was a dry one, and the natives about Port Moresby purchased with money a good deal of European food. A party informed the magistrate that they had ascended Mount Victoria, and that the track was very easy. This ascent, it may safely be said, is purely imaginary. Such a road, if possible, would be very difficult from the Lower Brown. The epidemic of dysentery, mentioned by the magistrate of the Eastern Division, also passed along the coast line of the Central Division. It is the first introduction of this form of the disease into the Possession, and was therefore, as might be expected, of a virulent type. The Rev. Dr. G. W. Lawes is having his students taught the use of the fumigating box, with which they will be able to cure many cases of skin disease. It is reported that Mr. Chester attended most assiduously to any cases of sickness among the prisoners while they were under his care. The ketec “Lokohu” is in charge of a solely native crew.

15. The Resident Magistrate for the South-eastern Division states that serious crime is almost unknown in his district. The most backward part of it is Rossel Island, a natural result of its distance from Nivani. The tribes of Misima, once so savage and troublesome as almost to make one despair of them, are now so completely pacified that only petty breaches of Native Regulations have to be dealt with there. There are sixteen village constables in the division, and with one exception their conduct was all that could be desired. On the island station of Nivol, 3,250 coconuts have been planted, and some will soon be coming into bearing. The Resident Magistrate has here—as has been done at Daru and at Rigo—effected much saving to the Administration by the cultivation of food at the station. The labours and co-operation of the Rev. A. Fletcher, in the district of Panaiteti, are very favourably commented on.

16. The Government Agent for the Rigo district has observed much advance in the way of peace and civilisation, and remarks on the absence of any serious crime. Many new inland tribes were brought into contact with Europeans and Government officers for the first time. The natives showed great kindness to prospectors. He ascribes the spread of authority to some extent to the punishment inflicted on the Kokila tribe. Superstition is the greatest drawback to the civilising influences at work. The Government Agent complains of some trouble caused by the excessive zeal of certain South Sea teachers, while he eulogises the splendid results reached by some others. He visited the Uberi country with his detachment of constabulary to support Mr. Ballantine in dealing with that formerly refractory tribe. They proceeded as far as Baura. A number of new tribes were visited by Mr. Shannhan in some of the more inland parts of the district, so that the extension of the authority of the Government during the year was very considerable. It is stated that the natives are now steadily planting coconuts. Important improvements were carried out at the station in road-making and planting. There are over twenty village constables in the district, and they are said to be most useful. The Rigo detachment of armed constabulary consists of five men and a corporal; they give every satisfaction to the Government Agent. The sanitary condition of the station was good, but the natives of the district suffered from an epidemic of dysentery. Mr. English has prepared a vocabulary of the dialect spoken by the tribes immediately behind Aroma.
17. The Government Agent for the Meko district states that he found the Appendix Q, tribes at first unsettled, the natives thinking that the death of his predecessor Page 67, meant that they might recommence inter-tribal warfare. Cemetery burial is being extended. Some agitation was caused in connection with the regulation dealing with carriers for Government. This was occasioned by irregular action taken under the regulation, and doubtless would not have arisen had its provisions been attended to, and some little tact and care been exercised. Sorcery is still the cause of a great deal of trouble among the natives.

The Meko constabulary detachment consists of seven men and a corporal. Their behaviour has been satisfactory. Regret is expressed that the missions do not make stronger efforts to teach English.

18. The report of the Commandant shows that a large amount of useful work Appendix B, was performed by the force during the year over the greater part of the colony. The Commandant was for some time in charge of the Manabarri district, which he managed very successfully for some months during the absence of Mr. Green. During that period the turbulent natties of that district were restless, requiring action to be taken by the police on several occasions. The visit of the force to the Hazari district is described. It was, undoubtedly, a hard and difficult journey. The total strength of the force at the end of the year was 108 men, consisting of Papuans, with the exception of one man. Some of them have already served five years. The health of the men was, on the whole, good, and their conduct satisfactory. Substantial and commodious barracks for the force were erected at Port Moresby, Appendix 8, the previous year, but is inserted here because it was not received in time for the The Travelling Government Agent mentions that he visited certain tribes inland from Suhina in Orangerie Bay, where he was well received. Subsequently he visited Mount Scotsley, cutting a road from the McLaughlin Creek to the top of that mountain, and visiting the village of Nenebo. He cut a new track of ninety miles from Doura to Sikubie, and built along it thirteen camping-sheds. By the end of June he had fixed his camp on the Wharton Range. Mention is made of the vast inland field that is not in the present programme of the missions. Mr. Gialanetti collected two small vocabularies, spoken at Suku and Sikubie respectively. He was discontented with the constabulary generally.

20. The greater part of the report of the late head gnoler has reference to the annual report of last year. Mention is made of the death of nine prisoners from beriberi, and of the unsatisfactory results by treatment. It will be noticed that Mr. Meredith held the Papuan character in considerable estimation.

MISSION WORK.

21. The two most notable events of the year in connection with the missions were visits of inspection by the general secretaries of the Wesleyan Mission and London Missionary Society. There is good reason to believe that these visits will have, as a result in each case, the establishment at an early date of an industrial school in connection with the respective missions. These are undertakings to which a full measure of support has been promised by the Government as far as it may be in the power of the Administration to encourage such work by the grant of suitable lands or in any other practical way. The London Missionary Society also contemplate establishing an inland mission, in a district that is eminently suitable for such a development with respect to both locality and population.

At page 3 of the Appendices to this Report will be found a despatch dealing with a visit paid to the schools of the London Missionary Society at Port Moresby, Page 67. It is noticeable that the Rev. A. Haute was very successfully conducting the upper school in the English language, a matter that cannot but be of the greatest importance in the near future to the rising generation of that district. The Rev. James Chalmers, on the Fly Estuary, and the Rev. C. W. Abel, at Kwato, also taught wholly or principally in English.

MINING.

22. During the year under review a large number of prospecting miners arrived in the colony. None of these came to the Western Division.

About 400 men landed at Port Moresby. They travelled thence generally in three or four directions, on the Vumaga track inland from Port Moresby, by the Rigo Station, and along the Angabunga River. In most instances they carried their own
effects and tools, and in a very few days became quite unfit for the road. Unfortunately, most of them seemed unable to make for themselves suitable camping arrangements, and all the officers of the Government were in stating that many men were thoughtless and careless, ill-provided with food, and in too many cases with no medicines whatever. The result was that after a very short time large numbers became very weak and gave way to fever and dysentery. In the Central Division six died in the temporary hospital at Port Moresby, about as many are known to have died on the tracks in the Sush, one on board the "Moriah England," and several in the Cooktown Hospital. Of some 130 men that started inland on the Vanapa track, the majority did not get past the Evelyn Creek, two days inland from Doora. Only two small parties from the South Coast seem to have reached the eastern side of Mount Scratchley, and they consisted of, or were conducted by, men already accustomed to travel in the country. Nevertheless, the journey across by the Mount Knutsford track should be an easy one for, say, fifteen days. An interesting report by one of these parties will be found at page 35 in the Appendices.

The conduct of the old miners—of the men that have been at work for years in the colony—has been good. They have generally dealt justly and fairly with the natives, and they have been law-abiding. But amongst the men that came to the Central District last year there was, as might have been expected, a margin, probably a small one, of a different complexion. By these some acts of robbery were committed on natives, which greatly interfered with the engagement of carriers for the Vanapa track. These acts of violence were not accompanied by more serious crimes, and they met with universal condemnation on the part of the great majority of the men themselves. The old hands who have worked with the natives for years spoke of these occurrences with one voice in terms of indignation. It was unfortunate that the perpetrators got away from the Possession without being prosecuted.

Several parties proceeded inland from Port Moresby towards the Brown River on prospecting tours, but it does not appear that they got any farther than their predecessors in 1878, if they even got as far. They met with few natives. The relations between the prospectors and them were good, except in the case of Mr. Rochefort, who was attacked by the aggressive tribe of Bura, who drove his small party back from Ginamambo after spearing a South Sea man.

23. Several parties went inland from the Rigo district. They were able to obtain local carriers, and they were very well received by the different tribes. Some of them took horses to within two days' march of the top of Mount Obree. Another well-led party, under Mr. W. E. Buchanan, prospected some new districts near Mount Nesbit. A short report of this, kindly furnished by Mr. Buchanan, will be found in Appendix V hereto, page 72.

Some three or four different parties proceeded inland from the coast, along the Angabunga River towards the interior, but the Government Agent of that district could not say with what result.

24. All that it was possible to do for the prospectors in the Central Division was done, not only by the officers of the Government but also by the private residents of that part of the colony. Two officers, provided with armed constables and a large force of carriers, were occupied on the Vanapa path for some five or six months. It is, however, the case that the results, owing to an unfortunate departure from instructions, were not nearly as good as had been expected. The track was made perfectly safe as far as Mount Knutsford, beyond which there are no natives before reaching the Mambare. It was well provided with camping-sheds as far as Suia, and a private firm furnished a store for the sale of supplies at reasonable prices on this track. A Government Agent was equipped for occupying a station on the top of the Main Range, whence he could visit places on either side of it within a wide area, and exercise a controlling influence on native tribes.

Several special expeditions were sent directly inland from Port Moresby to try to pacify that part of the country, so that it could be visited by the prospector, but the process of pacification was by no means completed in that region within the year.

In the Rigo district the Government Agent opened a path to the top of Mount Obree, passable for horses as far as the mountain itself. A special agent was also employed by the Government to visit a considerable number of new tribes in the inland districts there, with the view of facilitating prospecting operations.
It had been intended to employ this special agent in opening a track to the interior from Cloudy Bay, but that part of my instructions was not carried out during absence on the Mambare. It need hardly be said that officers did anything they could to assist the practical work of the prospector in any direction possible. No sufficiently favourable results seem, however, to have been obtained on the south side of the Main Range, no "field" was discovered, and no workings even of a temporary character were established there.

25. Steps were promptly taken for the relief of indigent men and for the care of those that were sick. Funds were provided by general subscription for the opening and maintenance of a temporary hospital. For this a competent and trustworthy caretaker was engaged, and the whole establishment was managed by a local committee, on the principle that any person in want should receive gratuitous care and treatment, whilst those should pay that could do so. But, in addition to the contributions made in money, the institution while in operation received constant gifts from the ladies resident at Port Moresby.

Twenty-two patients were admitted for treatment, about half of them suffering from malarial fever. Of the six deaths that occurred, however, only one is entered against that disease by the medical officer, while three are put down to dysentery. A considerable number of men had free passages back to Australia by the s.s. "Merrie England," and many were transported by Government vessels along the coast. Those that were not sick, but who declared their means to be exhausted, received supplies from the Government store, although it appears that in some cases the rations so given did not quite come up to the somewhat high standard expected in certain instances. Dr. Bleyney was detained at Port Moresby some two to three months to attend to the sick. Amongst the European residents of the place the earnest and sincere desire to assist in this work was universal, and the same feelings moved many men among the miners themselves; but not a few instances occurred in which men would assist neither themselves nor their mates. Some of these will be found mentioned in the Appendices to this Report. The Appendix W, page 73.

26. In the South-eastern Division mining was carried on at Sudest Island, at Misima, and at Woodlark Island. Alluvial mining on Sudest has now assumed small proportions. The ten-head stamp battery in course of erection there was not in operation during the year. The prisoners employed, chiefly in road-making, by the company, had to be removed before the end of the year on account of an epidemic of beri-beri. Not more than twelve or fifteen European miners worked on Misima. During the early months of 1907 the mining population of Woodlark Island increased to some 400 men, a number twice as great as the place could support. Some of the men lived comfortably in native huts they built for themselves, but many were too careless to do that, and lived in squatter under canvas. The season was wet, and there was much sickness among the men. Many died remarkably well, while others were very much disappointed. It was easy to obtain provisions on the field at a reasonable rate. There was no trouble between the miners and the natives. At the end of the year there remained about 250 men on this field.

27. In the Upper Mambare district nothing new was discovered, and the old ground became worked out. On this field three men remained during the whole of the wet season, and a brief record of events by one of them, John Schmitt, will be found as an Enclosure to Appendix H hereto. They were greatly indebted to the natives of Senela for food and shelter. It appears that it rained almost every day. At the Government Station on the Mambare a number of men suffered from fever and dysentery, and several died. They were supplied in many cases with medicine, food, and attendance by the Government. Most of the miners that ascended the Mambare River were assisted by Government boats and by the steam launch.

A prospecting party, accompanied by a detachment of armed constabulary and a number of Government carriers, led by Mr. W. Simpson, did some prospecting work in the Moui Valley. His account of this journey will be found as Enclosure No. 1 to Appendix D hereto, from which it will be seen that they found traces of gold at many places, and that they had no misunderstanding with the natives. A second party, unassisted by Government, did not appear to get as far as Mr. Simpson.
28. On the whole, the mining results of the year were disappointing. No deposits were found that, of themselves, would justify any considerable expenditure in road-making. Undoubtedly, much privation and suffering were endured by many of the prospectors; but it was idle to suppose that a tropical country, full of rugged mountains, scored in all directions by rivers and streams, and covered by dense forest, could be examined without fatigue and without incurring risk and danger. No person that is unable or unprepared to undergo hardship or be in his proper place in entering on a prospecting tour in this colony. Experience has also shown that the prospectors are not always inclined to utilise the paths already cut for them. In too many instances they have thoughtlessly, and on the strength of misleading experience obtained elsewhere, started courageously on a journey inland in spite of all advice to the contrary, and have, with no food at all, or with articles of diet unsuitable for their condition, and without any medicines, speedily succumbed to sickness that with reasonable care and forethought could have been prevented. Probably no new country ever has or ever will be opened up without such sacrifices of human life. The officers of the Administration and the permanent residents of the Possession have done all they could to make these lamentable losses as light as possible. The prospecting of the colony is still in its early infancy, and is not likely to be completed for many a long year yet.

29. The Treasurer has prepared the following:—

**Return of Miners' Rights Issued in the Possession during the Period 1st July, 1896, to 30th June, 1897.**

<table>
<thead>
<tr>
<th>Year</th>
<th>Central Division</th>
<th>Reserve Division</th>
<th>Louisiana Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>7</td>
<td>11</td>
<td>4</td>
</tr>
<tr>
<td>August</td>
<td></td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>September</td>
<td>4</td>
<td>23</td>
<td>9</td>
</tr>
<tr>
<td>October</td>
<td></td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>November</td>
<td></td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>December</td>
<td></td>
<td>14</td>
<td>3</td>
</tr>
<tr>
<td>January</td>
<td></td>
<td>11</td>
<td>42</td>
</tr>
<tr>
<td>February</td>
<td></td>
<td>41</td>
<td>3</td>
</tr>
<tr>
<td>March</td>
<td></td>
<td>8</td>
<td>2</td>
</tr>
<tr>
<td>April</td>
<td></td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>May</td>
<td></td>
<td>8</td>
<td>6</td>
</tr>
<tr>
<td>June</td>
<td></td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>163</td>
<td>66</td>
<td>229</td>
</tr>
</tbody>
</table>

389 Miners' Rights = £104 10s.

**TRADE.**

The usual details of imports, exports, navigation, and postal matters are given in the Appendices to this Report.

**IMPORTS.**

Appendix Y, page 75.

30. The total imports through the three ports of entry of the colony have been:—

<table>
<thead>
<tr>
<th>Year</th>
<th>Annual</th>
<th>Port Moody</th>
<th>Dunal</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1898-99</td>
<td>£6,016</td>
<td>£5,010</td>
<td>£6</td>
<td>£11,032</td>
</tr>
<tr>
<td>1899-90</td>
<td>£8,298</td>
<td>£9,305</td>
<td></td>
<td>£16,604</td>
</tr>
<tr>
<td>1900-01</td>
<td>£7,455</td>
<td>£8,075</td>
<td></td>
<td>£15,530</td>
</tr>
<tr>
<td>1901-02</td>
<td>£9,675</td>
<td>£13,367</td>
<td></td>
<td>£23,042</td>
</tr>
<tr>
<td>1902-03</td>
<td>£13,123</td>
<td>£12,938</td>
<td></td>
<td>£26,061</td>
</tr>
<tr>
<td>1903-04</td>
<td>£14,391</td>
<td>£11,428</td>
<td>£1,741</td>
<td>£27,557</td>
</tr>
<tr>
<td>1904-05</td>
<td>£12,890</td>
<td>£14,630</td>
<td>£2,533</td>
<td>£29,057</td>
</tr>
<tr>
<td>1905-06</td>
<td>£20,012</td>
<td>£22,235</td>
<td>£3,674</td>
<td>£45,923</td>
</tr>
<tr>
<td>1906-07</td>
<td>£32,813</td>
<td>£17,621</td>
<td>£1,056</td>
<td>£51,522</td>
</tr>
</tbody>
</table>
The chief items imported may be arranged under the following heads:—

<table>
<thead>
<tr>
<th></th>
<th>1888-89</th>
<th>1889-90</th>
<th>1890-91</th>
<th>1891-92</th>
<th>1892-93</th>
<th>1893-94</th>
<th>1894-95</th>
<th>1895-96</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food Stuffs</td>
<td>£4,400</td>
<td>£7,124</td>
<td>£4,463</td>
<td>£6,073</td>
<td>£6,252</td>
<td>£7,181</td>
<td>£8,087</td>
<td>£9,325</td>
</tr>
<tr>
<td>Drapery and Clothing</td>
<td>£5,792</td>
<td>£5,172</td>
<td>£3,458</td>
<td>£2,836</td>
<td>£3,017</td>
<td>£3,002</td>
<td>£2,901</td>
<td>£3,149</td>
</tr>
<tr>
<td>Tobacco and Cigars</td>
<td>£8,168</td>
<td>£7,972</td>
<td>£6,337</td>
<td>£8,927</td>
<td>£5,565</td>
<td>£4,055</td>
<td>£2,735</td>
<td>£4,694</td>
</tr>
<tr>
<td>Hardware</td>
<td>£8,897</td>
<td>£1,123</td>
<td>£1,835</td>
<td>£2,677</td>
<td>£2,268</td>
<td>£2,102</td>
<td>£3,180</td>
<td>£4,844</td>
</tr>
<tr>
<td>Beurrages</td>
<td>£8,865</td>
<td>£1,114</td>
<td>£888</td>
<td>£901</td>
<td>£1,023</td>
<td>£1,025</td>
<td>£1,726</td>
<td>£1,709</td>
</tr>
<tr>
<td>Building Materials</td>
<td>£8,801</td>
<td>£1,084</td>
<td>£1,224</td>
<td>£1,963</td>
<td>£1,474</td>
<td>£2,890</td>
<td>£1,727</td>
<td>£1,915</td>
</tr>
<tr>
<td>Other Articles</td>
<td>£500</td>
<td>£2,736</td>
<td>£3,514</td>
<td>£5,091</td>
<td>£7,161</td>
<td>£6,512</td>
<td>£7,092</td>
<td>£10,174</td>
</tr>
<tr>
<td>Total</td>
<td>£11,308</td>
<td>£13,861</td>
<td>£15,550</td>
<td>£23,755</td>
<td>£23,263</td>
<td>£22,509</td>
<td>£28,392</td>
<td>£34,521</td>
</tr>
</tbody>
</table>

The increase in imports over the preceding year was thus £16,871. The advance on food stuffs was £11,424; on drapery, £4,648; on tobacco and cigars, £1,913; on hardware, £2,574; on beverages, £623. There was a decrease on building materials of £36, and on other articles of £2,546. The increase under several of these headings was no doubt partly due to a greater influx of Europeans. This is shown clearly, for example, in the items of beverages, a class of article not used by the native part of the population.

**EXPORTS.**

31. The total value of exports, as entered at the Custom House, has been:—Appendix Y, page 76.

<table>
<thead>
<tr>
<th>Year</th>
<th>Sumatra</th>
<th>Port Moresby</th>
<th>Persia</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1888-89</td>
<td>£5,071</td>
<td>£871</td>
<td>...</td>
<td>£5,942</td>
</tr>
<tr>
<td>1889-90</td>
<td>£5,598</td>
<td>£97</td>
<td>...</td>
<td>£6,445</td>
</tr>
<tr>
<td>1890-91</td>
<td>£7,172</td>
<td>£75</td>
<td>...</td>
<td>£7,927</td>
</tr>
<tr>
<td>1891-92</td>
<td>£8,050</td>
<td>£3,100</td>
<td>...</td>
<td>£11,150</td>
</tr>
<tr>
<td>1892-93</td>
<td>£6,260</td>
<td>£8,675</td>
<td>...</td>
<td>£15,576</td>
</tr>
<tr>
<td>1893-94</td>
<td>£9,555</td>
<td>£3,542</td>
<td>£1,864</td>
<td>£14,961</td>
</tr>
<tr>
<td>1894-95</td>
<td>£8,390</td>
<td>£6,069</td>
<td>£2,767</td>
<td>£17,226</td>
</tr>
<tr>
<td>1895-96</td>
<td>£10,400</td>
<td>£8,326</td>
<td>£375</td>
<td>£21,097</td>
</tr>
<tr>
<td>1896-97</td>
<td>£9,409</td>
<td>£4,658</td>
<td>£338</td>
<td>£14,405</td>
</tr>
</tbody>
</table>

The advance in the value of exports over the preceding year was £24,914. The largest item of export was gold; but the amount of this article as entered at the Custom House is doubtless very much less than what was actually taken away. The figures here given are that at least twice the amount of gold declared was obtained in the possession during the year. The figures here given are those declared at the Custom House, Cooktown, and do not include gold taken to Sydney and other places direct from the fields. The increase shown by the actual figures is an advance of £20,283 on the previous year. In computing the value of the gold exported, it has been reckoned at £3 10s. an ounce, which must be somewhat under its real value. The annual export of gold declared at the Customs has been:—

<table>
<thead>
<tr>
<th>Year</th>
<th>1888-89</th>
<th>1889-90</th>
<th>1890-91</th>
<th>1891-92</th>
<th>1892-93</th>
<th>1893-94</th>
<th>1894-95</th>
<th>1895-96</th>
<th>1896-97</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ounces</td>
<td>3,850</td>
<td>2,470</td>
<td>2,426</td>
<td>1,232</td>
<td>503</td>
<td>1,128</td>
<td>728</td>
<td>1,373</td>
<td>7,148</td>
</tr>
<tr>
<td>Value</td>
<td>£14,497</td>
<td>£12,490</td>
<td>£6,371</td>
<td>£4,322</td>
<td>£2,256</td>
<td>£3,306</td>
<td>£2,565</td>
<td>£4,735</td>
<td>£25,038</td>
</tr>
</tbody>
</table>

The second export in point of value was pearl-shell. The quantity of this article exported annually has been:—

<table>
<thead>
<tr>
<th>Year</th>
<th>1888-89</th>
<th>1889-90</th>
<th>1890-91</th>
<th>1891-92</th>
<th>1892-93</th>
<th>1893-94</th>
<th>1894-95</th>
<th>1895-96</th>
<th>1896-97</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tons</td>
<td>152</td>
<td>124</td>
<td>3</td>
<td>18</td>
<td>37</td>
<td>52</td>
<td>51</td>
<td>41</td>
<td>1475</td>
</tr>
<tr>
<td>Value</td>
<td>£1,510</td>
<td>£1,050</td>
<td>£85</td>
<td>£542</td>
<td>£1,623</td>
<td>£3,966</td>
<td>£5,005</td>
<td>£2,771</td>
<td>£6,004</td>
</tr>
</tbody>
</table>

Nearly the whole of this was obtained in the eastern waters of the Possession. From the western districts only a ton and a-half was got, almost the whole of the fishing-grounds there being still in the hands of Queensland. It is an industry that will doubtless be carried on successfully in the eastern waters,.
The copra exported consisted of 440½ tons, valued at £3,404. The export of this article has been:

<table>
<thead>
<tr>
<th>Year</th>
<th>Tons</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1888-89</td>
<td>76</td>
<td>£250</td>
</tr>
<tr>
<td>1889-90</td>
<td>43</td>
<td>250</td>
</tr>
<tr>
<td>1890-91</td>
<td>188</td>
<td>1,433</td>
</tr>
<tr>
<td>1891-92</td>
<td>340</td>
<td>2,084</td>
</tr>
<tr>
<td>1892-93</td>
<td>194</td>
<td>1,159</td>
</tr>
<tr>
<td>1893-94</td>
<td>450</td>
<td>2,885</td>
</tr>
<tr>
<td>1894-95</td>
<td>627</td>
<td>2,830</td>
</tr>
<tr>
<td>1895-96</td>
<td>881</td>
<td>2,718</td>
</tr>
<tr>
<td>1896-97</td>
<td>440</td>
<td>3,404</td>
</tr>
</tbody>
</table>

Next to copra comes India-rubber. This article figured first as an export in 1894-95, when some 2 cwt. of it, valued at £27, left the colony. In 1895-96 the quantity entered outwards was nearly 3 tons; this year it amounts to 16 tons, valued at £3,472. Taking into consideration the fact that this product is obtained from several indigenous trees and plants, that it exists over a great area, and that there is in the colony a large extent of country that would appear to be eminently suitable for the cultivation of rubber-trees, it seems very probable that this may eventually become the principal export from the Possession.

There was a falling off of £1,712 in the declared value of sandalwood.

Transactions in this industry have been as under:

<table>
<thead>
<tr>
<th>Year</th>
<th>Tons</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1891-92</td>
<td>42</td>
<td>£290</td>
</tr>
<tr>
<td>1892-93</td>
<td>500</td>
<td>7,183</td>
</tr>
<tr>
<td>1893-94</td>
<td>321</td>
<td>1,896</td>
</tr>
<tr>
<td>1894-95</td>
<td>273</td>
<td>2,592</td>
</tr>
<tr>
<td>1895-96</td>
<td>625</td>
<td>4,035</td>
</tr>
<tr>
<td>1896-97</td>
<td>300</td>
<td>2,323</td>
</tr>
</tbody>
</table>

It would appear that the decrease in sandalwood is more owing to the superior attractions of prospecting for gold than to exhaustion of the sandalwood forest. If so, there may be a revival in this industry next year.

The export of biche-de-mer continues to show on the whole a downward tendency. Its course has been as under:

<table>
<thead>
<tr>
<th>Year</th>
<th>Tons</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1891-92</td>
<td>831</td>
<td>£4,082</td>
</tr>
<tr>
<td>1892-93</td>
<td>74</td>
<td>5,039</td>
</tr>
<tr>
<td>1893-94</td>
<td>49</td>
<td>3,401</td>
</tr>
<tr>
<td>1894-95</td>
<td>241</td>
<td>1,773</td>
</tr>
<tr>
<td>1895-96</td>
<td>28</td>
<td>1,687</td>
</tr>
<tr>
<td>1896-97</td>
<td>71</td>
<td>925</td>
</tr>
</tbody>
</table>

Pearls valued at £386, and turtle-shell declared at £519, were also exported. The remaining items do not call for any special notice.

The total volume of the trade of the colony has been:

<table>
<thead>
<tr>
<th>Year</th>
<th>Imports</th>
<th>Exports</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1891-92</td>
<td>11,106</td>
<td>5,948</td>
<td>17,054</td>
</tr>
<tr>
<td>1892-93</td>
<td>12,520</td>
<td>6,458</td>
<td>19,098</td>
</tr>
<tr>
<td>1893-94</td>
<td>23,725</td>
<td>11,289</td>
<td>35,084</td>
</tr>
<tr>
<td>1894-95</td>
<td>25,261</td>
<td>14,906</td>
<td>40,167</td>
</tr>
<tr>
<td>1895-96</td>
<td>25,101</td>
<td>14,906</td>
<td>40,007</td>
</tr>
<tr>
<td>1896-97</td>
<td>26,307</td>
<td>16,215</td>
<td>42,522</td>
</tr>
</tbody>
</table>

SHIPPING.

32. All shipping entered inwards or outwards was British. The total number of vessels (exclusive of Government vessels) entered inwards from beyond the colony was 85, representing 13,650 tons; the total number cleared outwards for foreign ports was 65, of 13,174 tons. The total foreign tonnage has been:

<table>
<thead>
<tr>
<th>Year</th>
<th>Tons</th>
</tr>
</thead>
<tbody>
<tr>
<td>1891-92</td>
<td>28,524</td>
</tr>
<tr>
<td>1892-93</td>
<td>19,759</td>
</tr>
<tr>
<td>1893-94</td>
<td>28,524</td>
</tr>
</tbody>
</table>
The entries inwards and outwards coastwise have been—

| Vessels | 107 | 333 | 595 |
| Tons   | 5,133 | 7,845 | 20,676 |

The contract for the subsidised mail schooner came to an end during the year, and was discontinued.

Many of the smaller craft at work in the Possession are sailed exclusively by Papuans; others have Papuan crews with a foreigner as master.

### POSTAL

33. The postal transactions for the year show, when compared with those of previous years, a decided increase. The following is a tabulated statement for the last nine years:

<table>
<thead>
<tr>
<th>Article</th>
<th>1893-94</th>
<th>1894-95</th>
<th>1895-96</th>
<th>1896-97</th>
</tr>
</thead>
<tbody>
<tr>
<td>Letters received</td>
<td>2,365</td>
<td>2,366</td>
<td>2,392</td>
<td>4,369</td>
</tr>
<tr>
<td>Letters despatched</td>
<td>2,657</td>
<td>2,596</td>
<td>2,189</td>
<td>3,577</td>
</tr>
<tr>
<td>Packets received</td>
<td>93</td>
<td>114</td>
<td>147</td>
<td>45</td>
</tr>
<tr>
<td>Packets despatched</td>
<td>98</td>
<td>94</td>
<td>88</td>
<td>78</td>
</tr>
<tr>
<td>Newspapers received</td>
<td>4,011</td>
<td>6,046</td>
<td>6,079</td>
<td>8,543</td>
</tr>
<tr>
<td>Newspapers despatched</td>
<td>794</td>
<td>560</td>
<td>468</td>
<td>795</td>
</tr>
</tbody>
</table>

### FINANCE

#### REVENUE

34. The amount of revenue collected in the Possession and paid into the Appendix Co., Queensland Treasury during the year was £10,663. It is compared below with the revenues of previous years:

<table>
<thead>
<tr>
<th>Item</th>
<th>1898-99</th>
<th>1899-90</th>
<th>1900-01</th>
<th>1901-02</th>
<th>1902-03</th>
<th>1903-04</th>
<th>1904-05</th>
<th>1905-06</th>
<th>1906-07</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customs Due</td>
<td>2,416</td>
<td>2,503</td>
<td>2,525</td>
<td>4,323</td>
<td>3,757</td>
<td>5,067</td>
<td>4,622</td>
<td>5,974</td>
<td>9,335</td>
</tr>
<tr>
<td>Goldsmith Receipts</td>
<td>167</td>
<td>20</td>
<td>25</td>
<td>24</td>
<td>23</td>
<td>24</td>
<td>26</td>
<td>78</td>
<td>262</td>
</tr>
<tr>
<td>Fees</td>
<td>2</td>
<td>4</td>
<td>4</td>
<td>10</td>
<td>116</td>
<td>150</td>
<td>78</td>
<td>21</td>
<td>445</td>
</tr>
<tr>
<td>Fines</td>
<td>26</td>
<td>41</td>
<td>46</td>
<td>34</td>
<td>24</td>
<td>23</td>
<td>27</td>
<td>37</td>
<td>51</td>
</tr>
<tr>
<td>Licenses</td>
<td>2</td>
<td>11</td>
<td>21</td>
<td>136</td>
<td>136</td>
<td>237</td>
<td>547</td>
<td>203</td>
<td>240</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>42</td>
<td>44</td>
<td>53</td>
<td>149</td>
<td>535</td>
<td>291</td>
<td>109</td>
<td>144</td>
<td>329</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2,079</strong></td>
<td><strong>3,015</strong></td>
<td><strong>2,073</strong></td>
<td><strong>4,783</strong></td>
<td><strong>4,094</strong></td>
<td><strong>5,883</strong></td>
<td><strong>5,100</strong></td>
<td><strong>6,547</strong></td>
<td><strong>10,663</strong></td>
</tr>
</tbody>
</table>

#### EXPENDITURE

35. The sum of £15,000 was appropriated for ordinary administrative purposes, in addition to a sum of £437 18s. 6d. for additional Government Agents, and £1,000 for Surveys. The two latter amounts were authorised by the Guaranteeing Colonies to be paid from the Accumulated Revenue Fund. The sum of £10,228 was actually expended for the usual administrative services in the manner indicated in the following table, in which it is classified and compared with the expenditure of previous years:

<table>
<thead>
<tr>
<th>Head of Expenditure</th>
<th>1898-99</th>
<th>1899-90</th>
<th>1900-01</th>
<th>1901-02</th>
<th>1902-03</th>
<th>1903-04</th>
<th>1904-05</th>
<th>1905-06</th>
<th>1906-07</th>
</tr>
</thead>
<tbody>
<tr>
<td>Civil List Salaries</td>
<td>2,063</td>
<td>3,000</td>
<td>3,280</td>
<td>3,300</td>
<td>3,200</td>
<td>3,000</td>
<td>2,848</td>
<td>2,186</td>
<td>2,395</td>
</tr>
<tr>
<td>Other Salaries</td>
<td>1,796</td>
<td>2,831</td>
<td>3,425</td>
<td>3,599</td>
<td>3,707</td>
<td>4,479</td>
<td>3,040</td>
<td>3,777</td>
<td>3,552</td>
</tr>
<tr>
<td>Vessels and Boats</td>
<td>2,747</td>
<td>2,599</td>
<td>2,938</td>
<td>2,600</td>
<td>1,600</td>
<td>1,694</td>
<td>2,114</td>
<td>1,567</td>
<td>1,258</td>
</tr>
<tr>
<td>Allowances</td>
<td>1,206</td>
<td>2,498</td>
<td>1,500</td>
<td>1,356</td>
<td>1,748</td>
<td>1,451</td>
<td>1,634</td>
<td>1,398</td>
<td>2,001</td>
</tr>
<tr>
<td>Buildings and Works</td>
<td>185</td>
<td>1,144</td>
<td>979</td>
<td>780</td>
<td>872</td>
<td>435</td>
<td>397</td>
<td>961</td>
<td>754</td>
</tr>
<tr>
<td>Agriculture</td>
<td>2</td>
<td>137</td>
<td>355</td>
<td>335</td>
<td>146</td>
<td>203</td>
<td>145</td>
<td>142</td>
<td>94</td>
</tr>
<tr>
<td>Mail Services</td>
<td>445</td>
<td>450</td>
<td>750</td>
<td>900</td>
<td>900</td>
<td>900</td>
<td>900</td>
<td>900</td>
<td>900</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>1,062</td>
<td>2,568</td>
<td>2,673</td>
<td>2,673</td>
<td>3,174</td>
<td>4,071</td>
<td>2,942</td>
<td>3,357</td>
<td>4,414</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>10,769</strong></td>
<td><strong>14,975</strong></td>
<td><strong>15,000</strong></td>
<td><strong>15,000</strong></td>
<td><strong>15,000</strong></td>
<td><strong>15,000</strong></td>
<td><strong>15,000</strong></td>
<td><strong>15,000</strong></td>
<td><strong>18,428</strong></td>
</tr>
</tbody>
</table>
36. The net expenditure on the "Merrie England" during the year ended on 21st March, 1897, was £7,313 19s. 2d. The distance steamed was 16,250 miles on a consumption of 800 tons of coal, making an average distance of 20-31 knots for each ton of coal. The vessel was under steam on 189 days. On launch duty 65 tons of coal were used.

As in previous years since 1895-6, the Imperial Government contributed £3,000 towards the cost of maintaining the steamer, while the Guarantyre Colonies allowed the sum of £4,000 to be charged to the Accumulated Revenue Fund.

37. The considerations on which expenditure was regulated are given in full in the Despatch covering the Estimates, and particularly Appendix K to this Report. With regard to the sum of £1,298 19s. 10d. expended in excess of the appropriation of £15,000, it may be observed that the increased expenditure was due partly to the large influx of miners to the Possession which took place in 1897, and partly to the massacres on the Mambare River. The attention of the Guarantyre Colonies was directed to the fact that certain additional expenditure, estimated at the time to amount to some hundreds of pounds, would be necessary, and their consent was obtained to the increase being made a charge against the Accumulated Revenue Fund.

**SCIENTIFIC REPORTS.**

39. A report is attached by Mr. J. B. Cameron, Government Surveyor, on lands surveyed by him for alienation to Europeans. It has been intended to dispose of this land on favourable terms, more with the object of introducing systematic cultivation of tropical products under European supervision than for any other purpose. Most of the 31,000 acres surveyed has been purchased by the Crown from the native owners by direct purchase. Mr. Cameron’s report covers a few months not included within the year dealt with by this Annual Report, but circumstances make it convenient and desirable to publish it as it has been presented.

**METEOROLOGICAL.**

41. The Rev. Copland King has furnished the table (Appendix Z) of rainfall at Dogura Station for the year ending 31st December, 1896. It shows a fall of only 43½ inches, though rain fell on 115 days. The figures would indicate that the dry season is from May to September, inclusive; while the three wettest months are January, February, and March. The rainfall of the same place from 1st February, 1892, to 31st January, 1893, was 80 inches, which gives an average for the two years of 61.75 inches.

At Port Moresby the rainfall for the year ending 30th June, 1897, was 3897 inches. No rain fell in December, 1896, nor in June, 1897. In January, February, March, and April, the rain registered measured 32-31 inches. The rainfall of the last three years has averaged 47 inches.

A table is attached (Appendix Z) compiled from the observations taken at Port Moresby, which shows the average thermometer readings for each month of the year at 9 a.m.; and also the maximum and minimum temperatures for each month registered at the same place. From this it appears that the highest 9 o’clock temperature was that of January, 85-85 degrees Fah. The lowest was, for August, at 75-61 degrees; the average for the year was 81-92 degrees.
The highest monthly registration by the maximum thermometer was, for January, 89·28 degrees; the lowest by the same instrument was, for September, 80·46 degrees. The average maximum monthly temperature was, for the year, 85·44 degrees.

The highest monthly readings by the minimum thermometer was, for February, 77·33 degrees; the lowest, for August, 72·89 degrees. The average monthly temperature by the minimum thermometer was 75·57 degrees.

The highest temperature registered at Port Moresby in the shade at 9 a.m. was 96 degrees, on the 9th January; the highest registered at any time was 94 degrees, on the 9th February. The lowest obtained was 74 degrees, on the 6th and 22nd August.

At Daru the rainfall for the year ending 30th June, 1597, was 61·62 inches. The average for the last three years has been 82·5 inches. The fall in the months of September, October, and November, 1896, was less than 1 inch, while that for January, February, and March, 1897, was 10·74, 12·11, and 13·98 inches respectively. A table will be found as Enclosure D to Appendix L, showing the highest and lowest thermometer readings for each month in the year, barometrical readings for the same period, general direction of wind, etc. The highest average temperature was recorded in December (93·79 degrees), the lowest in September (79·73 degrees).

ESTABLISHMENTS.

42. On the 30th of June last the officers on the establishment, in addition to those on the Civil list, were as follows:

- Resident Magistrate, Central Division: Dr. J. A. Bayney.
- Western Division: B. A. Hely.
- Eastern Division: M. H. Moreton.
- Louisiades: A. M. Campbell.
- Mekoe: B. W. Brannell.
- North-east Coast: W. W. Shanahan.
- Travelling (temporary): A. Giulianetti.
- Commandant: Captain A. W. Butterworth.
- Treasurer and Collector: D. Ballantiea.
- Sub-Collector, Samarai: Alexander Henry Symonds.
- Clerk, Samarai (temporary): A. McAlpine.
- Sub-Collector, Daru: H. de Lange.
- Head Geographer and Overseer of Works: John McDonald.
- Commandant, s.a., “Merrie England”: George A. H. Curtis, R.N.R.
- First Engineer, “Merrie England”: F. V. Corkill.

The year was, beyond all precedent, unfortunate as regards the loss of officers.

On the 25th of November, 1896, Mr. Charles Kowald, Government Agent for the Mekoe district, met with a most serious accident at a point on the Muss River some three score of miles from the sea. While Mr. Kowald was in the act of demonstrating to a native the use of dynamite, the cartridge exploded in his hand, and inflicted injuries of which Mr. Kowald died shortly after in the Cooktown Hospital. He had been employed by the Government from its first initiation. Though a foreigner by birth and education, he was a loyal officer, a man of unusual energy, resource, and activity. He built and created the Mekoe Station, and brought it to such a condition that the whole district was proud of it. The Mekoe Station was one of the most beautiful homes in this part of the world, and this was almost altogether the work of Mr. Kowald. He succeeded admirably in pacifying his populous and turbulent district, and made very considerable progress in road-making, while he practically put an end to village burial over a large area. He also visited many of the mountain tribes, and he held the balance evenly between rival missions while aiding all of them alike. He had already gained a large experience, and been well trained to his duties as Government Agent. Manifestly, the loss of such a man to the service, of which he had made a profession, was very great.
On the 14th January, 1897, Mr. John Green, Government Agent for the Mambare district and Assistant Magistrate, was attacked by a combination of the natives of the district, and murdered with four men of the armed constabulary, while three prisoners and a private servant were killed at the same time. Mr. Green and his men were engaged in constructing a new station on the Tamata affluent of the Mambare. They left the old station in the morning and went to the new one, about which they were employed when attacked, unfortunately without their arms. These constables were all first-rate men, and the Commandant is of opinion that if they had even had knives with which to defend themselves they would probably be alive to-day. The conspiracy had been carefully prepared beforehand, and its execution was doubtless facilitated by the presence at the station of a Tamata man as a constable. Apparently, all the tribes near the station were implicated.

Mr. Green had a natural liking to work connected with native administration, for which he had a decided talent. He had already received a good training, which, added to his superior intelligence and unusual perseverance, promised great things. He had built the Mambare Station; and though located in the most remote and least amenable of the districts, he had made very considerable progress in acquainting the natives with the aims and objects of the Government. He had visited and established friendly relations with many tribes on the north-east coast, and had inspected the Mambare as far as Neneha and the top of the Owen Stanley Range. He was much respected by the prospectors and others that visited the district, interpreting correctly and carrying into effect, with tact and goodwill, the desire of the Government to render to those men every assistance possible. He was the only European that accompanied me the first time the Moni Valley of the Musa was reached, and he accompanied myself also to the top of Mount Victoria, being able to render excellent assistance in preparing geographical work, in which he was becoming an apt pupil. The loss of an officer so endowed and so well trained was a most deplorable one to the service. There was no position in it to which Mr. Green might not have aspired. It was further intensified by being associated with the murder at the same moment of the faithful, intelligent, and well-bred chief of his detachment of constabulary, Corporal Sedu, a native of Turituri, in the Western Division.

Mr. John Meredith, head gaoler and overseer of works, died of illness at Sudest Island, where he was stationed on duty in charge of a body of some fifty prisoners at work in connection with a gold-mining company opening up some auriferous quartz reefs. Mr. Meredith became head gaoler in July, 1894. He took a deep personal interest in each prisoner under his charge; and by firm, kind treatment maintained excellent discipline, while by regular work, regular hours, and the use of the English language he imparted to the prisoners a useful and valuable education. He maintained them in good physical condition, clean skinned, and as contented as men in such circumstances could be.

The Commandant was absent, on leave, from February to the end of June.

48. The usual assistance so courteously rendered by the Government of Queensland in former years to the Possession was again repeated in the refitting of the “Merrie England” and in other ways.

The year was one of specially hard work to the whole of the Civil Service in the Possession, the zeal and assiduity of which deserve my warmest thanks and acknowledgment.

I have the honour to be,

Your Lordship’s

Most humble and obedient servant,

WM. MACGREGOR.

His Excellency The Right Honourable Lord Lamington, K.C.M.G.,
Governor of Queensland.
APPENDICES.

APPENDIX A.

DESPATCH REPORTING VISIT TO VARIOUS PLACES IN EAST END OF THE POSSESSION.

No. 387.  S.S. "Morice England,"

Mambare River, 1st August, 1896.

Mr. Lorn,—I have the honour to report that I arrived at Sanaru on the 20th July, intending to visit several places of importance in the east end of the Possession. On the previous day a culw was made at Mungura (Dufaune) Island. The local policeman came to report that there had been no infringement of the peace in the district for a long time. I sent a small party inland some days' march from the village of Sibales towards the mountains lying behind that place. These inland tribes have not at this point made any hostile descent on the coast tribes, but the latter are really the stronger. The inland tribes were friendly, to be very friendly, and the principal men promised to come down regularly to the coast to meet any Government officer that might call there.

The culw at Sanaru was found to be clean and in good order. The prisoners, most of whom are short sentence men, were in good condition. The culw building is in need of considerable repairs, which will have to be carried out during this season. The prisoners are generally employed in building a sea wall and reclaiming foreshore on the north side of the island at which they are now making fair progress. The part of the island on which the prison buildings are situated is being fenced in, as it has hitherto been open to the public. A gate is being put on this fence, and a local village constable is stationed in a house built there, so that ingress or egress is now better under control. One of the principal reasons for appointing that officer was that with the greater influx of Europeans there was arising the evil habit of nightly visits to Sanaru by many native women from the neighbouring islands. The constable has been able to deal with this irregularity effectively.

A lease was granted to two boatbuilders of a piece of land on the foreshore of the island suitable for their business. A lease of foreshore was also granted to the firm of Messrs. Burns, Philip, and Co., on which to build a wharf. This structure is to have not less than 10 feet of water at the sea end at low tide, and is to be finished within a year.

2. On the 22nd we reached Nivani, the Government Station of the Louisiane district. Mr. Campbell, the Resident Magistrate, had gone to South Island, and the station was in charge of the corporal. There is now as much of the island cleared as I deem desirable. The coconut trees planted there are doing well; the oldest will be in bearing in about two years. They have sufficient native food growing on the island for the present use of the station. There were only four prisoners in culw. The district was perfectly quiet. A good new whaleboat was left at the station for the use of the magistrate.

3. On the 23rd the steamer anchored at the east end of Hula Bay, on the south side of South Island, some half a mile from the store built by the British New Guinea Gold-Mining Company. It is at the head of this bay that the company is to carry on its operations.

Some time ago certain gold-bearing quartz veins were discovered on the main hill range of this island by some of the old-established miners of South. The site of these deposits is three or four miles west of Mungura, nearly the same distance north from the head of Hula Bay. The discoverers sold their interests in this reef or took shares in the new company. The latter had the reef examined by experienced and competent men, and they are now occupied in getting quartz-crushing machinery on to the ground.

The company would not, however, enter on this undertaking unless the Government would let them have for twelve months the services of about fifty prisoners. I am well aware that any such arrangement is quite unusual, and can be justified only by very exceptional circumstances, and can be carried out satisfactorily in practice only when the greatest care is exercised in regard to supervision. It seemed to me to be of the greatest importance to this colony that a start should be made in the more permanent form of mining from the quartz reefs. The alluvial workings are not of themselves of much advantage to the Possession, on account of the fugitive nature of the industry. In this country the European miner on alluvial workings leaves whenever he obtains a certain amount of gold; then he and what he has got pass on to some white man's country, leaving the stock of gold in this colony so much the less. Very few of these men settle here. In eight years only three or four of them have taken up any land in this colony. All this is, of course, quite different in a country like Australia, which is adapted to become the permanent home of a great white race. Quartz-mining would be a more stable industry, would give regular employment to a certain number of white men, and this in its turn would doubtless lead to at least a certain amount of settlement in the neighbourhood. The company saw that there would be some heavy work to do in making a road to the reef, and in transporting machinery there; while at first they could only obtain raw labour, and would not know even where to get that until they became better acquainted with the country. In the face of these considerations I consented to let them have the services of fifty prisoners for twelve months on certain conditions. At the present time they have fifty-nine prisoners. They are under the control of the same gaoler, who is assisted by two paid warders and by two prisoner warders. There is also an armed guard of four men of the constabulary. All the cost of supervision is paid by the company. They also provide food, house accommodation, medicines, and all other necessaries for the prisoners and the staff of supervision, and they pay 6d. per day for each prisoner at work. I found the prisoners in excellent physical condition. Only two were not perfectly well; one, suffering from a mild attack of scurvy, was unfit for work. Another, with enlargements of the spleen, was fit for duty, though at some inconvenience to himself. They were being fed chiefly on yams, of which they could
have as much as they cared to eat. The stock of medicines was inspected and found to be complete. Their quarters were sufficiently comfortable, and their camp was kept clean. I had every reason to be well satisfied with their conduct and treatment. They are now making excellent progress in road-making, at which all were employed except some eight or ten that were working at the reef. The company will have some eight or ten miles of road to make over difficult steep ridges. It is not likely that they can have the ground on which to start until the end of next month or four months from this date. They have now had forty-seven of the prisoners for nearly three months, and I see no reason whatever to be apprehensive as to the treatment of the latter. The company promptly meet every wish of the head-gazeller in regard to any matter represented by him. They have about a score of men from Bell Island not engaged as free labourers. These do not engage themselves in the industry of the prisoners. The above will show that this Government has done everything it possibly could do to facilitate and encourage the operations of the company, even to the extent of seriously interfering with such public works as building a sea-wall at Port Monosby and another at Samuel—not works that languish in the absence of the best prison labour. I trust that the exceptional circumstances of the colony may be held to justify the very unusual course which I have followed in this matter.

4. There are now only a few miners on Sudden Island—probably about half a dozen. The natives work intermittently in obtaining gold on their own account, many of them being provided with miners' “rights,” but they do not exercise the protective rights afforded by these. When a native discovers a good patch, and this becomes known, all his relations and friends come and work on it on their own behalf. The whole island seemed to be perfectly quiet.

5. On the 26th the steamer arrived at Saluga Bay, on the south side of Murua (Woodlark Island). There is excellent anchorage there for vessels of any size, in all weathers. There were about 100 miners and 400 natives on the island at that date. The first camp was about two miles north from the head of Saluga Bay. In this there are only a few miners camped—all of them having been some years in the mission, and that employ a number of native boys, engaged on monthly wages, on the field. Next day I walked to the main camp, about eight miles by the path in a northerly direction from the head of Saluga. Bay. Here I met all the way in first-class country, crossing some low ridges or slightly undulating land, with many small creeks and watercourses. Many of the ridges consisted of coral limestone; others of quartzite or slate. There are no native settlements there. The main camp is called Buan. There were about 100 men in it, under command, but there are a few houses of native habitations and some of what is used as a store. The miners asked that Mr. Thompson, the storekeeper, should be appointed a justice of the peace and postmaste. As Mr. Thompson's character seemed to justify this appointment being made, effect was accordingly given to their wishes. There were no disputes between the men themselves, but some of them objected to the employment of native labour by certain others in exploring the field. It is very gratifying to find that there was not a single objection raised there to the natives of the island washing up for themselves while they were working. These natives do not work on miners' rights, and it would therefore seem to be the case that a miner possessing a right could enter on ground worked by these natives. Some men would object to a native working with a miner inside his proper claim; others would take exception to this unless the native receives a due share of the results. No miner urged on any unreasonable measure. The great bulk of them seem to consist of respectable, honest, industrious men—probably as good a class of men as could be met with on any field. Not a few of them are well educated. Those that have been at work since the field opened have, as a rule, done well—some of them very well. Most of the creeks hitherto discovered are being worked or are already finished. Some of the ground is now being worked over a second time. With the number of men now on the field it will be more than sufficiently occupied, unless new grounds are discovered. Some half-dozen of the men were leaving the island on the 27th to prospect on the mainland. Others are to follow soon, apparently with the intention of trying the upper reaches of the large rivers on the north-east coast. There has been too much sickness on Murua. I have not heard of any friction between the miners and the natives. It is not easy to ascertain even an approximate estimate of the amount of gold that has left the island, but apparently not less than 6,000 ounces has been sent away, and there is probably as much as that in hand on the field now.

6. A short halt was made at Sagara, on the north side of Misuna, on the 28th. The local policeman came to report that all was quiet in the district. There are, it seems, not more than half a score of miners on the island—if there are even so many. Mr. Campbell, the Resident Magistrate of the Louisiade, accompanied me to Misuna, which is in his district, and we landed him at Nivani on the 28th. The cutter “Maini,” the district vessel, is now becoming too old and leaky for this division, so that it will be necessary to provide for it a new vessel of the same class as the “Siai” and “Lokohu.” It appeared to me that Mr. Campbell is getting his district and station into very good order in every way.

I returned to Samarai on the 29th instant.

I have, &c.,

W. M. MACGREGOR.

P.S.—I enclose a tracing prepared by Mr. Cameron, who surveyed the lands of the company, which shows the position of their several grants. This part of the coast survey was not finished by the Admiralty surveyor, and the sketch attached hereon is more correct than the delineation on the Admiralty chart.

W. M.

His Excellency The Right Honorable Lord Lamington, K.C.M.G., &c.
APPENDIX B.

DESPATCH REPORTING VISIT TO THE SCHOOLS OF THE LONDON MISSIONARY SOCIETY AT PORT MORESBY.

No. 43.] Government House, Port Moreby,
10th October, 1896.

My Lord,—I have the honour to report that, on the invitation of the Rev. A. Hunte, I this day visited the Lower Missionary Society of Port Moreby.

The schools are two in number. The upper school is taught by Mr. Hunte himself; the lower by the veteran South Sea teacher, Rastoka, whose name has often been favourably mentioned in previous reports.

The usual course of lessons was gone through in each school in my presence. In the upper school were six students, I intend eventually to become teachers, five smaller boys whose future career is not yet determined, seven girls or young women, and two small boys—a score in all.

The great peculiarity of this school is that it is taught and conducted in English, and I am bound to say that the teaching of English is both sound and thorough. The importance of this to both the school and to the district is very great. It is very likely that the process of teaching this school in English is much more laborious and results are obtained slower—at least at first—than if teaching were carried on in Motu; but the ultimate advantage to the pupils and to the district, especially at the headquarters of the Government, must eventually be very great.

The first thing they did was to sing an English hymn; then they recited the Lord’s Prayer in English.

They were in different stages in arithmetic, from simple addition to compound division. The greater number of the sums were done correctly, but it was clear that in this branch the girls and the more elderly students were not so brilliant as the young boys. The average, however, was good.

English reading is making fair progress, but speaking English and translating English into Motuan surpassed my expectations, several students translating simple sentences readily and correctly. This branch was decided very satisfactory.

They showed fairly accurate acquaintance with the general features of the geography of Australia and the great divisions of the globe.

Music is being taught with great care and decided success. Part singing of different exercises was sung, but the best that the Lower Missionary Society can do is being taken to ground the pupils thoroughly in the elementary parts of this most important subject.

As regards the upper school, I saw only one thing that is unsatisfactory—the small number of pupils that attend it. This is a matter that is unfortunately beyond the control of Mr. Hunte. This only confirms and strengthens the conviction at which I had already arrived, that the time has come when a mild and genial attempt at compulsory attendance should be made.

At the lower school attendance varies on ordinary occasions from ten to forty-five scholars. As it became known that I was to visit the school, no fewer than 111 were present to-day, no doubt in the hope that I would give them something on the spot or a picnic at a later date. Of the 111 present, only 30 were boys. There could be considered as attending school altogether about 42 girls and 19 boys, out of a population not far short of 1,400. This school is conducted in the Motuan language. In the highest division were 12 girls from eight to ten, and 2 boys of the same age. These could read in the Gospoi of St. Mark, about half of them fairly well, the others indifferently or badly. The other scholars were at words of one syllable or at letters. The more advanced ones had some acquaintance with the elements of geography. They said the multiplication table up to three times nine. They counted in English up to 110, translating the numbers in Motuan. In addition a little mental arithmetic is tried.

The singing was the most successful part of the performance. It was noticed that many of the children were rather thin, and appeared but ill-fed.

Nothing could be more discouraging to the teachers than the present ill attendance of the scholars. A boy will come to school one day, and in a great many cases will not be seen there again for two or three weeks. The result is that no teacher, however full of enthusiasm he may be, can fail, sooner or later, to lose courage. It is marvellous to me that they retain in their work the interest which it appears they have in their laborious and thankless toil. It is an unbroken fact that although the Motuans have gone forward in other respects during the last two or three years, they have retrograded in all scholastic matters. Some pressure will be tried on them before long to endeavour to obtain a moderate amount of school attendance.

I have, &c.,

WM. MACGREGOR.

His Excellency The Right Hon. Lord Lamington, K.C.M.G.,
Government House, Brisbane.
APPENDIX C.

DESPATCH REPORTING ASCENT OF MAMBARÉ RIVER AND JOURNEY ACROSS THE ISLAND.

No. 53.

My Lord,—I have the honour to report that on the 6th of August I left the s.s. "Merrie England" in Mambaré Bay, with the object of ascending the river of that name, and visiting the interior of the island. We started with two boats towed by the small launch of the steamer, and with some trouble were able to ascend as far as the Government, and Station, at the Tanimas direction. The Mambaré was lower than we had ever seen it, there being insufficient water for the launch at several places.

This gave an opportunity of seeing for the first time that in the bed of the river there are many coral rocks between its mouth and the village of Gadaru, a formation that one would hardly have expected there, as the bills on each side of the lower portion of the river are metamorphic and 500 or 600 feet high. At the villages of Taututa and Chia, the inhabitants of which had been from the first uniformly friendly to Europeans, there were no natives present, although the houses did not seem to be entirely deserted. It appeared that the owners had temporarily abandoned them to seek shelter and protection farther up the river, generally at Peu, from the terrors of the Gira natives. We saw and heard several men at work in their gardens on the banks of the river, and all these greeted us in the friendliest manner. Two or three miles below Peu we had much difficulty in dragging the launch over the shallows there, and had to camp for the night on the right bank in a bare garden, the owner of which did not appear, although his canoe was tied up at this spot.

2. On the following morning we continued our journey up the river. Many of the villagers of Peu, men, women, and children, invited us to land there; but when we approached the bank they became timid and retreated into the "bush" behind the village. Some time previous it seems that a number of them wished to entrap Mr. Green, the Government Agent of the district. He was invited to land near to the bank, and, while he showed his intention to speak to the Government Agent, but the latter fired with some effect with his revolver on the assailant and then caused the constabulary to collect and burn all the spars which could be found in the village. The Peu people have since then shown no further aggressive tendencies, but they remain distrustful though they are at the same time desirous of communicating with us. We were kindly received at Mamatu village, as has always been the case. Below the village of Pinung we experienced one of those suddenaccidents that are so frequent in travelling in this country, and which may in a moment unexpectedly put an end to any enterprise. The launch was run aground on a snag in the river, and we got ashore on the river bank, and hence down stream; this brought my boat down on another snag, which at once made a hole equal to eight or ten inches square in the side of the boat, and below the water-line. Although I promptly thrust a small tent into the hole from the outside, and kept pressing it in, it was with the greatest difficulty that we got the boat to the bank. This boat contained half the stores for the journey inland.

Materials for repairing such damages are always carried in our boats, and in a very short time Mr. Green had closed up the opening and made it perfectly watertight, so that we resumed our journey in about an hour and a-half. The station was found to be clean and in good order, with a large quantity of native food, chiefly taro, in the gardens near it. There were four prisoners at work there, natives of Tumapata, who when under engagement to certain miners had run away. To enable him to deal with such cases and with other matters of a judicial character, now frequently arising in the district, Mr. Green has been appointed a magistrate.

I arrived at the station on the afternoon of the 7th, and left it on the morning of the 11th. Some three or four of the natives of the vicinity visited the station daily during that period to sell food. They remain more or less suspicious, and are not desirous of having very intimate or close relations with the Government. They are restrained from aggression simply because they feel that they are the weaker party, but they are not to be trusted where they might think the advantages, even temporarily, clearly on their side. This state of affairs will continue until the men arrested in the district return to it. These are six in number. Two of them are at Sanamari as prison warders, and four have been voluntarily enrolled in the constabulary at Port MoreSBY. When these men have been sufficiently educated they will return to the Mambaré, each as a village constable, after which the permanent settlement of the district will, no doubt, progress rapidly.

Here, for the first time, I had an opportunity of seeing how natives make the hole that receives the handle in a stone club. Some time ago I found one they were in the act of boring, but they had taken away the borer. That same specimen, with the borer, is now in my possession. They select a number of small stones of the size and shape of a rifle bullet. They chip a hole through the stone club by light blows from the point of the small stone. It is surprising what progress can be made in boring the hole by this very simple contrivance.

Just before my arrival on the Mambaré the Government Agent had visited the district where the miners were at work on the Upper Mambaré, and had gone to Neneha, a village on the north side of Mount Scratchley. The chief of that place, a man of about 80, accompanied Mr. Green back to the station, and even paid a visit to the "Merrie England" in Mambaré Bay. This man was an object of great interest and curiosity to the tribes on the lower part of the river, as I could see very clearly from an interview between him and two Mambaré natives, at which I was present. They asked him first where his village was, and he gave them to understand its position, far away in the mountains. Then they asked whether the river went there, and, on his replying in the affirmative, each of them bit the index finger of his right hand as a manifestation of marvel. But they had no wish whatever to visit his country.
At this time of the year it was very hot at the station during the day, but it felt cold at night. Thunder began for the first time this season on the afternoon of the 9th, on the mountains to the north-west of the station, and the river had risen by two feet next morning.

The geographical position of the station had already been obtained by astronomical observations and careful transit courses to Mount Victoria before proceeding further, a matter requiring a little time, as in some strange way the "wires" (spider's webs) in two theodolites had got broken in ascending the river, and these had to be renewed before anything could be done.

3. We left the station on foot on the forenoon of 11th August, accompanied by only a few carriers. Most of those brought by us had been sent on a week before to carry a load as far as Simpson's Store, on the Otowin mountain, and had not yet returned. We met the greater number, however, before the afternoon. Our track lay on the north side of the Mambarie, along level alluvial land covered by great forest trees, land fit for agriculture, but at many places likely to be flooded when the Mambarie and Tamara are in flood. We camped for the night at the mouth of the Otowin, a tributary of the Mambarie, the bed of which is nearly a hundred yards wide, and that enters the Mambarie nearly two miles below Clarke Fort. We estimated the distance to this place by the road at about nine miles. Next day we covered about the same distance, the path still traversing thick forest, but over more uneven ground. At midday we had lunch at the mouth of the Clunas, a tributary of the Mambarie. It is distant from the Green about four miles by the road; in the afternoon we crossed the Simpson affluent on a raft, at about three miles from the Clunas. These three large branches of the Mambarie are all nearly of the same size, but the Simpson is the largest. Between them there is some country worth prospecting for gold, but it is not suitable for agriculture. They seem to be all three part of the drainage of the mountain Otowin. The Green was named in honour of the Government Agent; the Simpson and the Clunas to preserve the names of the two principal pioneer prospectors of this district.

On the third day some seven or eight miles were travelled over, through similar forest but on uneven ground, with a small streamlet of water every three or four hundred yards; in the creeks were boulders of granite, basalt, quartz, and slate. The soil is a red clay and unfit for agriculture. On the 14th a march of less than half-dozen miles brought us to Simpson's Store on Otowin. Mr. Simpson's Store, he told us, was built by Mr. William Simpson, a working miner, whose services in opening this district to the prospector cannot be overlooked here, but should be recorded in the annals of the Possession. As related in my despatch No. 50 of 21st November, 1805, Mr. Cameron and myself cut a road from Clarke Fort on the Mambarie for some miles up the right or south bank that we called the Ajapakra, later Simpson's Store, on Otowin. The road on the left side of the Mambarie from the Government Station to the junction of the Chirima and Yolda was cut by Mr. Simpson and the party of prospectors that first accompanied him inland. Mr. Simpson was the leader, the others were Clunas, Bastian, Brisbane, MacLaughlin, Elliott, Neilson, and McClelland.

The cutting of this path is from the point of view of the explorer and geographer by far the most important work ever performed by any private person or party in this country. It is highly probable that it will have an undoubted and very great honour and credit on Mr. Simpson and his companions. It must have been a severe strain on the slender means at their disposal—the scant savings from hard toil in similar fields elsewhere—but the courage and intelligence of Mr. Simpson triumphed, and eventually he and his persevering companions "did well," though not so well as they deserved to do.

The road traverses extremely difficult country at many places, so difficult that the traveller has sometimes to trust his whole weight to a single case or small bush in ascending or descending a cliff, or to advance by means of a very rude ladder. It must have occasionally taken a good deal of time to find a way by which one could pass at all. Mr. Simpson never could tell what he would come to next, perhaps a hopelessly inaccessible cliff, probably a wild and savage tribe, or an impassable torrent; and if anything went seriously wrong, he was sure he could obtain no assistance, procure no relief, until it would be too late. This is all very different from the explorations made on or near the coast, and the difference is all to the credit of Mr. Simpson. We were able to use his road from the Government Station to the junction; the path between the station and Simpson's Store we could have dispensed with by following the road we had already cut along the right bank of the Mambarie; but Mr. Simpson's road from Simpson's Store to the junction saved us the trouble of cutting any track there, and induced us to travel up the left bank of the Mambarie. Simpson's Store is some 1,500 to 1,600 feet above, and about a mile distant from the Mambarie. It was found to lie in latitude 5 degrees 6 minutes 30 seconds. It was impossible to carry a chronometer over such difficult road for determining longitude on this journey, and this was therefore not attempted. The system by which the approximate longitude of Simpson's Store was obtained—and which is sufficiently near for all practical purposes—was this. The true meridian was found, and the true bearings were taken from the spot of observation to the peaks of Mount Victoria, the position of which has been fixed from the south side of the island. The variations of the theodolite needle was at the place 5 degrees 60 minutes 30 seconds. It should be noticed here that certain writers on the geography of this country have disproved of Mount Victoria being specified by name, or by that name; and it should therefore be pointed out once for all that, whatever may be the case as regards the theoretical geographer, a name for Mount Victoria is for the traveller absolutely indispensable. On this journey we found a specific name for Mount Victoria as necessary as a special appellation for the sun, for Venus, or for a Scorpio. Mount Victoria is the highest crest on the Owen Stanley Range, is well defined in shape, and is so high, that it can never be mistaken for anything else, or anything else be taken for it; its east and west peaks supply to the traveller precisely what he wants for cross bearings. Whenever he wishes to know where he is, or where his track is leading him, he obtains the necessary information from Mount Victoria. This crest must therefore in practice have a specific name of some kind. Not a little confusion has arisen in some writings by the use of the term "Mount Owen Stanley." "The Owen Stanley Range" is the name applied by the hydrographer to the Admiralty to the great central chain of mountains that runs from east to west over about two degrees of longitude. On this chain are many mountains, any one of which might be "Mount Owen Stanley."
There can be no greater authority on such a point than Admiral Wharton, and that officer has informed me that it would not be convenient to land both on Owen Stanley Range and a Mount Owen Stanley.

In giving a specific name to the crest now known as Mount Victoria, the requirements of field work have been considered, and the result has been a clear gain to precision and convenience. But it was on this journey found necessary to go a step farther on the south-east spur of Mount Victoria. This is a conspicuous object, and gives, with the western peak of Mount Victoria, a larger base for cross bearings than the east and west peaks of the higher crest. In practice, it was convenient to bestow a name on the peak of the summit, and it has accordingly become known to us as Dudley Peak—a name that is based on a suggestion from Admiral Wharton.

5. As we were accompanied by Gojye, chief of Nebela, we were able to obtain from him the names, as known to him, of the principal mountains, &c., seen from Simpson's Store. The Mandarbe he called Mambas or Yoolda; Mount Victoria, Nada; Mount Scrathley, Tareba; Mount Gillies, Ovorda; and Mount Parke, Ajalkukula. It is very evident that Ovorda and Ajalkukula form a very wet district. Even where the altitude does not exceed 1,000 feet above sea level, the trees of all trees are covered over by moss, similar to what is met with on Mount Scrathley and on the Owen Stanley Range at 5,000 or 6,000 feet. This can result only from excessive humidity. There is, at least at this season, practically no game on either Ovorda or Ajalkukula; the white-capped Gerra pigeons, for example, so plentiful on the Muss River, is quite unknown on the Mandarbe. There are no traces of old clearings or of former native occupation on these mountains on the watershed of the Mandarbe.

From Simpson's Store we sent back all the carriers whose packs had been eaten by us up to that time. These amounts to ten. We met three miners at Simpson's Store returning from the interior. They had done "fairly well," but considered the dry working season as past, and they were on their way to the Government Station or Clarke Fort where there were some prospectors camped. On the 17th, after I had obtained true bearings in fine weather to the peaks of Mount Victoria, we continued our journey.

At first we descended the hill into the bed of the river, which is there very deep, and not more than fifty or sixty yards wide at some spots, running rapidly in a channel cut out of hard dark-coloured slate containing the rest of the channel in my way lines of quartz. The same day we met two more miners returning from the interior, as they regarded the wet season as already set in. They were of the opinion that there would eventually be a good goldfield in the track over the Mandarbe, if only the river bed the track entered could be traced back from a depression between the hills 1,000 to 1,500 feet. In the forest there seemed to be many different kinds of trees that yield rubber, some of which appeared to be of good quality. On the 18th we crossed one and on the 19th two excessively steep ravines of great depth. They can be crossed now without much danger, but they try the strength and endurance of the unfortunate carriers. On the 20th we reached the highest point traversed by Mr. Simpson's track between the Government Station and the junction, about 2,000 feet. As the chief of Nebela had now been absent from his people for about two weeks, and as I was afraid they might, from his long absence, become alarmed for his safety, and in consequence cause trouble to the few miners yet remaining in their district, the chief was sent on ahead early on the 19th, accompanied by the corporal of Mr. Green's division of constabulary. Gojye's wife informed me afterwards that on account of his delay in returning home she was before he arrived, thinking seriously of straggling herself. Early in the afternoon of the 29th we reached the junction of the Yoolda and the Chimira, which unite at this place to form the Mandarbe. The Yoolda is two or three times as large as the Chimira, and the latter is very little less than the Angbunga or Melco River. These two great rivers are merely a forking of the Mandarbe to receive between them the huge mass of Mount Scrathley. The Mandarbe may be considered as specially the product of this vast mountain. It makes a wonderfully straight course for Mount Scrathley from the sea, and as soon as it arrives at the first spur of the mountain it immediately divides so as to embrace Mount Scrathley or three sides. The largest branch, lying first on the east and then on the south side of the mountain, is the Yoolda; the smaller, on its northern side, is the Chimira. At one spot only, a spur of Ajalkukula immediately below the junction, was any trace of even old cultivation discernible during the whole journey from the Chimira to the junction. At that one place the chief of Nebela had a garden some years ago, but he was driven away from it by the people living in the Yoolda Valley. In the district near the junction there is no level or easy sloping land anywhere—all is steep forest. Only near the junction are native hunting-tracks met with. In a native, about a day's journey from the junction, some native head-dresses were found suspended, probably put there by some of Gojye's friends who had come to look for him.

Mr. Simpson's track, from the time it meets the eastern ridges of Ovorda, crosses its spurs at right angles, lying always at least within a mile or two of the river all the way. The five or six miners then in the district were all at work in the small streams at the foot of Mount Scrathley, on the east side near to the Yoolda. To get there they had improved a ferry-raft for crossing the Chimira half-a-mile above the junction, and from that they had cut a track half-a-mile of miles long, crossing the spurs of Mount Scrathley nearly at right angles where they were low and near to the Yoolda.

We formed a good camp at the Chimira Crossing, and built there a substantial log-house, which would protect our stores, and could be held by two or three constables against a large number of natives.

6. Between sickness, wet weather, great difficulty is obtaining true bearings to Mount Victoria, visits from natives, and having to await the arrival of carriers, I was unable to leave the Chimira Camp till the morning of the 29th August. The latitude of the bed of the Chimira, nearly a quarter of a mile below the camp, and about the junction, is 5° 8' S. 14° E. The distance above junction, which depends on true bearings to the peaks of Mount Victoria, takes from a ridge about a quarter of a mile north-west from the junction. The variation of the theodolite needle was 5° 14'. The Chimira, about two miles above the junction, gives off a branch called the Ovorda, which turns towards the south and ravines among the ridges of Mount Scrathley; on the east side of its principal north spur. This last rises to a height of 5,000 or 6,000 feet, and is called Munna. On its west side, at a height of 3,000 or 4,000 feet, is the village of Nebela, which belongs to Gojye's tribe, the only one actually settled on Mount Scrathley. At about two miles and a-half above the junction the Chimira gives off a branch
Native of Fofana, Wharton Chain.

Native Pig, Mount Scratchley.

Club in process of making.

Cee, Chief of Nenzba, Mount Scratchley.
called the Caida, which comes from the north, fed from the western ridges of Otovi. This branch is interesting as giving an encouraging prospect of ostracism. The village of Neneha was visited by Mr. Green about a fortnight before this, and the people were found to be very friendly.

Without any delay nearly all our carriers were sent back from the junction camp to the Government Station to bring up more food before we proceeded further, as this was the most advanced point to which we could be done. The commandant, who was at the Tanatac Station, waiting to go some inland in charge of the carriers to visit some of the natives while I proceeded further. He was, however, unable to come past Simpson’s store at Otovi, and this part of my plan was unfortunately left unaccomplished. On the 22nd Mr. Simpson, who was at work on the McLoudlin, a tributary of the Yoda, paid us a visit in camp. He thought the McLoudlin nearly worked out. He told us that ostracism occurs in most of the creeks, but that it is more abundant on the Chiruma than on the Yoda. He was also of opinion that the 50-feet mining claim is too close, and that it should, therefore, be extended to 100 feet. The miners had not suffered from fewer, but both they and the native boys employed by them had been several times threatened by dysentery. In all probability this is caused by working all day long in cold mountain water. Mr. Simpson and the others still in the district intended to remain there for about a month longer.

7. On the 22d Goyie visited the camp with fifteen men; four men arrived from Neneha on the 20th; and on the 27th Goyie came there with probably the whole tribe—men, women, and children—over 100 souls. These people are of unusual interest on account of their geographical position. In color they are of a dark brown, a shade darker than the coast people of the central district, but much lighter than the men of the Pima country. They are fully up to the average size of Papuans, and many would be described as being boy and wavy rather than muscular. They are much larger men than those of the islands and of many parts of the east end of the island. Amongst the settlement over 100 natives present there was not one with strong or wavy hair; and there was only one man that could be called hairy. These characteristics, it may be mentioned, apply also to the tribes of the central Mandare. In both, the hair and beard are without exception frizzled. The young men wear the hair parted into two small curl-like divisions, often not thicker than a cross-rib, but usually with some stripes of curling over each part. The elderly men wear their hair in a short and unparted fringe. With many of them it is inclined to be thinner on the crown than is usual among Papuans. The young men wear the eyebrows in the natural condition; the elders cultivate whiskers, but rigorously depilate the rest of the face, leaving them a somewhat grotesque ethical appearance. The large greenish high forehead, brown eyes, the lips inclined to be thinnest, the cheeks rather broader than ordinary, and thechin stronger. In short, their features are a shade more robust than is usual in the central coast district, but they are unmistakably true Papuans. The older men use the pernseal braid and girdle, made of native cloth; the young men dress in the same manner, but the great peculiarity of their costume is that the parts covered by the personal band anteriorly are enveloped in leaves till the whole reaches the bulk of a child’s head. The object of this was not clear, especially of leg, compared with the men, also wear a personal band, but it was most cases they use over this a grass Petticoat that reaches from the waist to the knees. In addition to this they wear a sort of mantle made of a piece of native bark cloth about 2 feet broad and 21 feet long; it has a running string along the upper edge, by which it is made to half envelop the head, and is kept in position. They are not rich in ornaments, and the artistic sense is not well developed in them. They do not tattoo, and they have no cinctural ornamentation; the septum of the nose is pierced, but no one wore anything in it. They have large earrings made of the tails of airlers, covered by narrow stripes of palm-leaves dyed yellow. It is also common for the young men to wear in the lobe of the ear a piece of bamboo about three-fourths of an inch in diameter and six or eight inches long, closed at one end, and with the end of the tail of a small squirrel stuck into the open end, which projects in front. This boumoo is used as a cigarette-holder. A piece of the tail is also a favourite ornament for the ear. Several men had head-dresses made of feathers from the cassowary, the night-jar, the hornbill, etc., but they did not wear the plumes or feathers of birds of paradise. In some cases the teeth of swine or of dogs, or a few small white cowry shells, were placed in the hair. On the neck they have often a few carb of fine case, and armbands are much worn by them. When they plant arnibs of the ordinary kind, they plant small bands of many different colours. So many men were without the upper incisors, or without one of them, that it hardly have been the result of accident. A few of them suffered from the ringworm Rüz es desquamans by which the scalp is affected. The origin of the former name is unknown to me, but it is probably the ordinary eastern name for this disease, and seems to have been developed from a word in the language of Panaiti Island to the Lomand poisoned. Most of the men had a small net bag on his arm for transporting such things as spore pig’s teeth, shells, stones, and many had a small bag an inch or two square tied round the neck, in which was a small piece of bark or some charm. Very few had any large shells from the sea, but several were stripes of the skin of the cuscus. Their arms consist of stone clubs and of the bow and arrow. The clubs are of two types, the disc and the pineapples, the two forms that are common on the north-east coast. They do not possess many of these. Their bows and arrows are but poor weapons. The bow is of palm wood, is weak, and about three feet long, with the string made of a strip of cane. The arrow was a rod shaft and a wooden point without barbs. Many of the arrows are old and worm-eaten, and they and the bows are blackened by the smoke of years. The appearance of their weapons corresponded with the apparent peaceful and amicable disposition of the people, who were remarkably free from timidity, suspicion, or mistrust. It was quite clear from the state of their arms that they had not been engaged for years before in any warlike enterprises. I saw no shield, spear, sling case, knife, or anything like that. Pottery is unknown to them. They cultivate many varieties of sugar-cane, bananas, taro, yams, sweet potato, tobacco, and maize. This last is a small red variety which they call “corn,” and Mr. Green says it is the best maize that the natives cultivate in the district, and is the sole source of tobacco for Neneha, and its absence on the lower Mandare would seen to show that there has been little or no communication for ages between these tribes, a view which would also be supported by the fact that the bow and arrow is unknown to at least has not been seen with, the lower Mandare tribes, which may be mentioned make and use pottery. The form of pipe in ordinary use at Neneha is the same as the “tobacco” of the central district. The drums and the pig appear to be the only two domestic animals kept at Neneha. They have not a cow, and do not use betel nut and lime. They sleep in suspended net hammocks. Their houses are described by Mr. Green.
as being superior to those on the lower Manabar. The roots of the houses, which are made of the leaves of a species of Pandanus palm, are carried right down to the ground. The floors are about six or eight feet above the ground. A fireplace made of stone is about the size of a small building from one end to the other, and on each side of this the floor is made of reeds lashed to small beams having an incline of about 20 degrees towards the fire-place. The space under the floor is utilized for shifting up pigs during the day.

On the last visit to us these people brought us four pigs and a very large quantity of vegetable food. For these things they were paid in tomahawks, knives, beads, salt, plane iron, and tobacco. They had already one fan-shaped hatchet, which they said had reached them from a village called Ulapaa, which would seem to be to the west of Mount Scratchley.

8. On the 28th we left the Chirima camp, and after a march of some half-a-dozen miles over rideless ground, made very slippery by rain that had fallen during the night, we camped on a stream about fifty yards wide, one of those that drain the east side of Mount Scratchley into the Yodda. Goea, the chief of Nenula, was greatly concerned by our departure, predicting disaster from hostile natives and from hunger. His anxiety seemed to be genuine, and he would not be comforted by the assurance that some Europeans would be stationed in the Chirima camp. He and his people remained there several days after we left. A march of about three miles next forenoon, in the same southerly direction, brought us to the McLaughlin stream, on which all the mines except one were employed. Two of them were at work close to the place where we struck the McLaughlin. They had about a dozen Taupota boys assisting them. These have learned to handle the shovel and spade dextrously. They are generally engaged at 6s. a month, and are, of course, fed, The miners have on the whole treated the boys well; but the latter have suffered a good deal from the great fatigue inseparable from transporting food so far, and over such very difficult road. Standing so long in the cold water of these mountain streams has also not in a few cases impaired their health. They do not work on the Sabbath, but receive on that day better food than their working days. They have learned the value of gold, and some of them have begun to steal it. It would seem that they have been well fed, but of course they have had, like their employers, less fresh vegetable food than would have been desirable. The McLaughlin runs in a bed of slate and quartz, and was the first camp about four miles from the Yodda, and about thirty yards wide. It has left a good deal of gold at higher levels than the present bed of the stream. Traces of auriferous are noted with the gold.

The latter is generally in small scales, and apprises of fine quality. I gave to this stream the name of one of the pioneer prospectors that accompanied Mr. Simpson, and who was still at work there. The ground on our second position could not be much improved. It is determined among other things by a stream somewhat larger than the McLaughlin, at about a mile and a-quarter from the former; and about three-fourths of a mile further on a second stream of rather less volume. All have their sources on the eastern side of Mount Scratchley, and the two latter into the McLaughlin before it debouches into the Yodda. A march of some half-dozen miles brought us to a spot known to the miners as the "Look Out." It is on a ridge of one of the extreme eastern spurs of Mount Scratchley, and was their fortieth inland camp. It is about 2000 feet above sea level. In latitude 7 1/2 north, 8 45 minutes 54 seconds, but unfortunately no part of Mount Victoria could be seen on account of clouds, so that the exact longitude could not be fixed by observation. It is a mile from the Yodda River. This camp looked into a valley that lay opposite to it, and across the Yodda, and which is situated between the Apahakujula on the north and the eastern portions of the Owen Stanley Range on the south. Its western end is shut in completely by the foot of Mount Scratchley, but it is continued eastward round Apahakujula and could be traced for thirty miles, so that it is not unlikely that it is the western end of what much further east becomes the Mossa Valley. The Yodda gives off a large branch which proceeds towards the east along this coast. It could be traced from a spot nearly halfway up Mount Scratchley for ten or fifteen miles, and seemed to be connected with a small lake near the eastern end of the Yodda Valley, where the ground seems to rise considerably. This valley is three or four miles broad at its western end, and would seem to increase in breadth as it gets further east. It is covered by forest and a nearly flat on the surface. Two villages could be seen on it on about eight miles from the "Lookout" camp, and there were several fires in clearings and gardens, especially on the lower slopes of the mountains on the far side of the valley, and perhaps twelve to fifteen miles from us. Owing to the inability of the boat to reach the junction, I was reluctantly obliged to abandon the idea of sending any officer then to visit those villages. There were evident signs of a friendly disposition on their part. They had become aware of the presence of miners at the foot of Mount Scratchley, and to propagate the word hung up for them some bamboo and tinned ones, and also some bones of domestic animals. Mr. Simpson had in his turn exposed a few presents for the Yodda natives, but it does not appear they ever found them. In the district of the Yodda Valley the rainy season seemed to be already set in. The height of the "Lookout" camp by boiling water was 2,015 feet; the temperature at 7 a.m. was 67 degrees Fahr.

9. On the morning of the 1st September we left the "Lookout" camp and began the ascent of Mount Scratchley, camping in the afternoon at 8,524 feet, close to a small mountain stream. There was no trace of any native track on this ridge, so that the road had to be cut altogether. The most troublesome thing to contend with at this altitude was a climbing plant covered with small spines, and so enveloped in moss that one could not see the spines and constantly caught hold of the plant where the ground was steep and slippery.

Next day we continued the ascent to 5,000 feet, where the temperature was 64 degrees at 2 p.m. and 57 degrees at 7 a.m. The daily rain that had set in lower down in the valley of the Yodda, on Apakujula and Ottowia, had not yet reached this altitude, but it was evidently approaching. Below us all was enveloped in dense fog and this reached us during the night. All trees, even the leaves of palms, were covered by moss. The evergreen oaks began at about 1,500 feet, having about the size and shape of sycamores. Their leaves they are so much thick and to two inches thick. At 4,000 feet there was a bush of Piper methysticum, which a Fly River man at once recognized as "Cannula," the name for it in his district. There were not a few beetles of a kind that is prized by natives because they say that the nuts, though small, are very strong. The vegetable ivory not
seemed to be common. It could be seen very clearly is the creeks that the geological formation is still quartz. We had some difficulty about 4,000 feet with trailing fern provided with spines. The myrtles begin about 5,000 feet. There was no game. At 5,000 feet we first began to feel the cold disagreeable at night.

At an altitude of 5,500 feet, on the morning of the 3rd, magnetic bearings were obtained to the peaks of Mount Victoria, and a good view was got of the eastern portion of the Owen Stanley Range. Some half-mile of miles east of Mount Victoria there is a depression in the Owen Stanley Range, the bottom of which appears to be a rather narrow glen, and at an altitude of probably 5,000 or 6,000 feet. One seemed to be able to see along this glen in a southerly or south-easterly direction for twelve to fifteen miles. The mountains on each side of it rise several thousand feet higher. It did not appear to me very promising as a route to follow from the south coast to Mount Scrutcherly. The probabilities are that it would be more difficult to travel along the valley than to cross over the top of a lofty mountain. At 6,000 feet the forest trees on the mountains on each side of it rise several thousand feet higher. It did not appear to me very promising as a route to follow from the south coast to Mount Scrutcherly. The probabilities are that it would be more difficult to travel along the valley than to cross over the top of a lofty mountain.

On the fourth day of the ascent, the 15th September, we camped at 7,725 feet. Here we came into contact with the trailing fern, which grows side by side with the "hairy cane" and pandanus trees. The large trees are chiefly myrtles. The geological formation remained the same, many large veins of quartz being visible in the slate rocks. The temperature of the air at 7 a.m. was 66 degrees in the air and 52 degrees in water.

Next day we passed through a zone of short, gnarled, twisted trees, interlacing and crossing each other thickly, and covered in thickness by moss, that much of our work was done in clearing out the quartz trees or ferns above the ground. On this path, one could almost half disappear into the earth. We pitched camp in the afternoon at 5,075 feet, having much difficulty in finding ground on which to erect a tent. At 7 a.m. the temperature of the air was 40 degrees at this altitude. Here we were overtaken by the rain already established below, and from this onwards until we descended Mount Knutford, on the south side, we suffered very severely from cold. The forests began here to contain some cypress trees growing side by side with pandanus and myrtle forest, but all these were more or less dwarfed at this altitude. In spite of the cold there were numerous scarlet and magenta flowers in camp of the 6th at an altitude of 9,700 feet. At 4 p.m. the thermometer stood at 56 degrees in the shade. From this date until we arrived at Donra on the 15th October the weather was very much the same. In the morning there was fog in the valleys. By 10 or 11 this reached the tops of the mountains in very thin driving sheets, which gradually became denser, and by 1 o'clock there was generally a driving mist followed by some hours' rain. The forenoon was generally dry, but it was the only dry part of the day.

Mr. English had left us at the junction for wait for and to bring on the carriers sent to fetch inland more stores for us. We waited for him on the 7th and 8th at the 9,500-feet camp, sending back most of our few carriers to help him on, and pushing about the cutting of the track, now so difficult, at the same time. At 10,000 feet there are great quantities of two of the most beautiful rhododendrons to be met with anywhere, one with splendid bunches of delicate pink flowers, each about five inches across; the other half that size.

Mr. English reached our camp near midday of the 8th with twelve bags of rice and some other provisions. All carriers were immediately sent back to the Government Station except ten, in addition to which we kept three constants, who are well accustomed to form camp, &c.

On the 10th, at sunrise, the thermometer stood in the shade at 45 degrees in our camp at the altitude of 10,200 feet; there was some ice on the water. At noon the thermometer indicated 56 degrees in the shade. On the 11th we shifted camp to 11,175 feet.

Progress was now slow, as the carriers had each to carry two loads between the different camps, and there was much wet weather. At 11,000 feet, what seemed to be our new bird of paradise was met with. It is worth noticing that this bird is of the same two colours, yellow and black, as the bird of paradise we found on the top of Mount Knutford in 1870; a third one, also yellow and black, was seen by Mr. English; but not collected, as we could give but little time to natural history. At 11,100 feet the greater part of the forest consists of cypress trees with a few araucarias, and the undergrowth becomes thin. Many trees from about 10,000 to 12,000 feet are 3 feet or more in diameter and from 150 to 180 feet high. The trees not sheltered in more sheltering like the two species of native trees that grow from 6,000 up to 10,000 feet. A little grass begins to set with small patches at 11,900 feet. A grass patch about 10,000 feet was white with frost at 8 a.m. The most remarkable plant found now and then is a daisy with white or yellow flowers, but with a very delicate perfume of remarkable fragrance. Several of the party began to suffer inconvenience from the rarity of the air at this height.

10. On the 12th we pitched camp on the top of Mount Scrutcherly, our path having taken us over the top of the highest wooded summit, which, measured by the aneroid, had an altitude of 11,709 feet. Our last camp was at the height of 12,200 feet by the aneroid, and of 12,100 by the boiling-point apparatus. This spot was found by astronomical observation to be in latitude south 15 degrees 45 minutes 05 seconds. Its longitude depends on true bearings to the peaks of Mount Victoria. A short base line was set up, the sun being set at the center of the base. This was to obtain the position of the tops of the mountains around Mount Scrutcherly, to all of which true bearings were taken with the theodolite. At this first camp there was ice on the water at daylight, although the thermometer showed the temperature of the air to be 38 degrees. At noon in the shade and protected from wind it reached 55 degrees. On the 13th my camp was shifted to the other end of the measured base line, which terminated at a post on the top of a peak which the aneroid gave at 12,550 feet high. The altitude of the highest peak of Mount Scrutcherly was by the boiling-point line, and by the aneroid 12,560 feet. I spent the whole of the 13th on the top of the peak in fog or drizzling rain in the vain hope of obtaining true bearings therein, but was more fortunate the next morning before the mountains became enveloped in mist. It appeared another day began to see the tops of the great mountains, accompanied by thunder and fog, only the first day that we reached the top of Mount Scrutcherly.
While I was occupied observing, &c., on the top of Mount Scratchley, Mr. English was sent on ahead to open a path to the Owen Stanley Range, as it was of great importance to learn definitely whether one could pass from that range to Mount Scratchley without crossing any deep valleys. Mr. English was instructed to keep along the top of the watershed around the head of the Manbarre where it was expected to lie between the Owen Stanley Range and Mount Scratchley.

On the 15th I sent out twelve of our porters, and Mr. Frank, with a party of Porters, to explore the way. We were, however, unable to find a way, and were obliged to return to camp.

On the 16th Mr. Green took stock of our provisions, and found that we had something over 900 lbs. of rice. We were therefore able to continue our journey, and to proceed with confidence.

11. Mount Scratchley may apparently be regarded as the heart of this country so far as the main area is concerned. It is of large area, and undoubtedly contains a great deal of gold. It consists of slate, with plentiful quartz from the summit of the east. The slate rock, as far as observed, dips at an angle of about 45 degrees to the north-east. On the peaks the rocks are generally steep, broken, and nearly perpendicular, on the north-west aspect: whilst on the north-east side the gentle slope permits them to become covered by grass, shrubs, and trees. The formation of the western portion of the Owen Stanley Range is similar. The road from the latter to Mount Scratchley is surprisingly easy. A long chain, probably never less than 10,000 feet high, connects Mount Scratchley with the great Albert Edward Mountain. This intervening chain I have named the Wharton Chain, in honour of Admiral Wharton, Hydrographer to the Admiralty, a gentleman who has taken a warm interest in the geography of this colony, and to whom I am indebted for much assistance. From the top of Mount Scratchley it is, therefore, not difficult to reach Mount Albert Edward by traversing the top of the Wharton Chain. An easy journey of two days would take one from the top of Mount Scratchley by the track cut by us to the western end of the Yodda Valley and to the numerous creeks at the foot of the mountain. We have already further cut a second path, by which one can in the same time traverse from the top of Mount Scratchley to the junction of the Chiruma and Yodda. If tracks were cut, journeys of two or three days from the top of the same mountain would take one to the creeks and gullies on the west side of the mountain, where they form the sources of the Anabanga (Mekoro) River, which has long been known as the source of a great deal of gold in its sand and gravel. The same starting point is near the junction of the Chiruma and Yodda, which, from the great extent of country connected with the circumference of Mount Albert Edward and with the foot of the Wharton Chain, all of which deserves to be "prospected." There can thus hardly be any better centre than the foot of Mount Scratchley for the prospecting of a large area.

It, therefore, becomes a very important practical question whether provisions can be transported thither. I believe they can for a prospecting party. We have a permanent goldfield once established in the interior, probably a much better road would be found for supplies than taking them over the tops of the highest mountains in the country; but, as a centre from which prospectors could advantageously radiate, a depot of supplies on the top of Mount Scratchley would be very suitable and convenient. For men on foot on the road of Mount Scratchley, on the east and north-east sides, the path cut by Mr. Simpson from the Government Station to the junction may be the best; if gold is found in payable quantity in the valley of the Yodda, there would apparently be a probability of finding an easier road from Clarke Port over the top of Ajalukujia. On the top of Mount Scratchley there is probably a very extensive 2,000 miles above 10,000 feet high, the greater part of which is covered by grass, bare rocks, and clumps of trees and shrubs. There are at least three small lakes on the top, the largest having an area of probably fifteen to twenty acres. The appearance of the mountain top from our first camp was most picturesque. Sharp ridges of a yellowish brown, sometimes so large as to become small hills, covered the broken ground in all directions. The hills and ridges bristled with rugged, sharp, grey rocks on which were often little heaps of broken up, white quartz. Between rocks and ridges, and in some of the intervening valleys, there were clumps of a very strange weird-looking forest. This consisted almost entirely of cypress trees of a peculiar form. The top of each tree was broad, flat, and even on the upper surface light-green in colour, with a fringe of yellow, while the stems, covered by lichen, are of a heavy grey. The branches are gnarled, and the stems shatter in proportion to the width of the crown. These trees do not grow close together, but stand in great variety of steps, as if their inhabitants in the wilderness of the wind, and not a leaf seems to move in them, so that the whole view suggests irresistibly the idea of a petrified landscape. The dantesque appearance is further increased by a cypress with a short, thick, black stem and a small crown of leaves, which generally grows in the grass in regular rows at the edge of the cypress wood, and looks like a line of sentinels posted round it.

Along together on the Owen Stanley Range of Mount Scratchley, of the Wharton Chain, and of Mount Albert Edward there cannot be less than say, 100 square miles of this grassy country. There is probably considerably more. The only nearly flat or even ground visible from the summit of Mount Scratchley on the Upper Manbarre was the Yodda Valley, which, if not continued into the Musa Valley, must at least be twenty or thirty miles long. It was a matter of surprise to see that there is no deep valley between Ovina and Mount Albert Edward. A line of hills seem to join the two together, and this is not less than 2,000 feet high; so that no drainage can reach the Manbarre from the north side of Mount Albert Edward or of Ovina.

The Chiruma branch of the Manbarre drains the north and west sides of Ovina, the south side of Mount Albert Edward, the east side of the Wharton Chain, and the north side of Mount Scratchley.

The Yodda branch of the Manbarre drains the west side of Ajalukujia; the Yodda Valley, into which must flow many creeks from the southern slopes of Ajalukujia, and from the northern aspect of the eastern part of the Owen Stanley Range; the whole of the southern part of the Owen Stanley Range; the whole of the eastern part of the Owen Stanley Range from Mount Victoria to three or four miles west of Winter Height.

Only one native settlement was visible. This was the village of Fofana, at an altitude of about 3,000 feet above sea level on a large and long your thrown out towards the west by the Wharton Chain. This village stands on the west side of the Chiruma affluent, called Ajibra by the Nenebae tribe. Neba is situated opposite Fofana on the western face of the hill already mentioned, which is a great ridge of Mount Scratchley, and is called Momo. Neba is thus on the east side of the Ajibra River, and is at least as high as Fofana.
12. Except to collect a few plants, no time was given to natural history on Mount Scratchley; but to make up for that a collector was left there provisioned to the end of November. He has three or four miles of the armed constabulary with him, and he has been appointed a justice of the peace, so that he has to attend small matters of business if required to do so. But there is not any probability of misunderstanding at present between the miners and natives—at any rate, not between the old miners and the natives. Among familiar birds noticed on the top of this mountain were larks, swallows, sparrows or 'scrub,' ducks, and waterfowls; but the great majority of the birds were new and the majority of species not known. Probably over a score of different grasses were collected; three or four daisies; as many kinds of buttercups; many heaths, &c. Probably the most interesting flower at that altitude is a rhododendron about a foot high that bears bunches of scarlet flowers.

There are a few yellow flowers, but they are seldom seen. They are quite different from those met with in the lower country. At an altitude of something over 10,000 feet we first heard the howling of wild dingoes. These seem to be more numerous than are the wallaby above that height. Traces of these dingoes are met with everywhere, but they seldom come into sight. The only one we really saw was a large black animal. They howl vehemently when we first arrive in a district, and then are generally silent afterwards. Whilst we were camping on the top of Mount Scratchley we received a visit from the indefatigable Mr. Simpson, who followed up our track from "The Lookout," and returned the same way. He did not think there was much likelihood of finding gold on the top of the mountain.

13. The most notable object seen from Mount Scratchley was Mount Albert Edward. On the long crest of this mountain, which looks from Mount Scratchley as if it ran east and west, there are three conspicuous domes or peaks. These lie between 5 degrees 24 minutes and 3 degrees 25 minutes of south latitude—say twenty-four miles along the coast inside British territory. Its most northerly spur will therefore, in all likelihood, be British also. That side of the mountain is probably drained by the Gia River. The portion of Mount Albert Edward that is visible from the southern end of the base line on the top of Mount Scratchley extends from 322 degrees to 3 degrees 90 minutes. This area certainly embraces nearly the whole mountain. From 335 degrees to 350 degrees the top is covered by grass and bare rock. The western dome is the highest; giving an altitude of 17 minutes from the south end of the base line, that is, being 21/4 statute miles. The altitude is therefore about 32,410 feet, assuming that of the south end of the base line to be 8,000 feet, the result given by the boiling-point apparatus 12. On the 17th we left our second camp on the top of Mount Scratchley, and arrived before noon of the same day at the camp found by Mr. English half-way to the Owen Stanley Range. Our track went close to the highest peaks of Mount Scratchley on its south side; it then turned west, crossed the Gia, and passed the foot of the English Peaks, but on the north side of these. These are two conspicuous two peaks, the western a little higher than the other, which have been named because they are a good landmark for the road. A small streamlet of water begins on the face of the highest peak of Mount Scratchley, and runs westerly a very little way west from the dividing line of the watershed of the Manbarre. It seems probable that this little stream is the source of the Angabunga (Melee) River; but this is not absolutely certain, as it is not impossible that it later on finds its way toward the west end of the Owen Stanley Range and into the Yasapa. It certainly never reaches the Manbarre. On the 17th the path lay almost entirely over grassy country, but some of this was wet and boggy. On the same day Romi, a native of the village of Sanoa—in the Rigo district, the man sent out to eat the road where necessary as far as the Owen Stanley Range—returned to camp with the cut end of a sapling that had evidently been divided several years ago by a sharp instrument. This proved that he had cut to on my former track on Winter Height, and that the passage from Mount Scratchley to the Owen Stanley Range was easy. This same Romi had partly cut the track on Winter Height in 1859, so that he was the first native of this colony to complete the traverse of the island. On the 18th, leaving our last camp on Mount Scratchley at 7 a.m., we reached the top of Winter Height before noon. The route was comparatively easy, most of it over grass. We kept near the watered till we reached the Owen Stanley Range at 4 p.m., and there let our horses go, and then went on foot and reached our quarters at 11 p.m. a man's journey. The rock we had occupied before—the only sheltered spot we could find. The fresh, preservative quality of the climate there was well seen in the fact that the ferns that served as a bed more than seven years before were not yet rotten, the charcoal left by our fires looked fresh, and a pair of blue dungaree pants left there by some one of our carriers still had the buttons attached, and did not seem to be rotten. It was, however, manifest that the weather was to be very unfavourable. A strong and piercing wind was blowing, charged with dense clouds of penetrating mists or drizzling rain, and the cold was cruelly severe, especially to people provided only with garments suitable for tropical lowlands. To add to the misery of the situation firewood was scarce and bad, and it was not found practicable to erect a tent. Next morning, between 3 a.m. and daylight, I was, however, able with the assistance of Mr. Green to observe this pair of stars for latitude, and to obtain the true bearing. The latitude of the western end of the crest of Mount Victoria was found to be 5 degrees 02 minutes 29 seconds, practically the same as it had been found to be from the top of Mount Scratchley; but all attempts to obtain true bearings to the great disappointment failed utterly. On the 21st there were strong winds, sleet, and rain all day, and it rained 2nd was if anything still worse, so that I determined to remain in the same spot under which we had come. The misery of those with me was so great that I was afraid to continue it longer, and provisions were exhausted. Besides this, there was always present in my mind the conviction that a slight mistake would be of such proportion that the top will which we were camping, would in all probability crash the whole party on the spot. This was projected from the shelter front of the rock and was already separated from the rock all round the circumference, so that one could hardly see what was keeping us in place. That such an apprehension should for a moment enter into my calculations must seem fantastic to any person acquainted with the frequency and violence of earthquakes in this country, and what followed proves
that my misgivings were not groundless. On the 24th, at 5½ p.m., we were camped on Winter Height when the earth began to tremble and the top of the trees to move to and fro; when this had lasted for ten or twenty seconds this earthquake became greatly more violent, perceptible undulations passing along from west to east. The last of the undulations lasted for at least ten seconds. Mr. English said, "What a long time it lasts," and it must have continued as long again after that. Of course we do not know what was the effect on the overhanging rock on Mount Victoria. On the 22nd we left the camp on Mt. New England at 4 p.m., having been nine hours on the road, south from the top of Mount Victoria. On the 23rd Mr. Green left Winter Height with five carriers to return to the Government Station. He had directions for the commander of the 'Merrie England' to meet me at Red Star Head, and to send my boat some way up the Vaupana in the hope of meeting us there. On the 25th a vessel of about five hours brought us from the top of Winter Height to the two knucks on the east end of Mount Knutsford. It was possible to follow our old track except where it crossed the trailing bamboo, where of course all trace of it was lost. It was no easy matter to cut the track through the first 3,000 feet in the descent of Mount Knutsford. Of all paths that through the trailing bamboo is the most detestable. On the 27th we came across the marks, left evidently a few months before, of a party that had tried without success to open a road up the mountain. They had reached an altitude of about 7,000 feet, had tried various directions, and then abandoned the attempt. This had been a party of Malays who had followed up our 1839 track thus far. They were collecting birds. It was decided that we should not follow our old track to the foot of Mount Knutsford, and up the extremely steep face of Mount Musgrave opposite it, but that we should take the path that winds through the valley we knew to exist at the north-west foot of Mount Knutsford. We found a suitable path branching off at a height of about 4,500 feet, and this brought us to Gosisi on the morning of the 29th. It was supposed that these natives would be surprised and alarmed by our arrival from behind them, and we therefore tried to gain their attention before we came in sight by firing two or three shots and by shouting. After some time they replied to us with shouts, and three or four young men came up the path some distance to meet us; but they could not be induced either to approach us or to wait for our approach to them. They retreated down the mountain till they reached the cleared ridge where the houses of the village begin. After this they did not come any nearer, and the men that had appeared at last got into communication and contact with them there, and then induced four of the young men to return with some of ours to the last camp for four bags of rice left behind. The others brought us first sugar-cane, and then other kinds of food. It was extremely difficult to allure the fears and timorous not to apprehend all the people. Clearly they had no idea of any kind at all of our some habits, for instance, some of them carried arms of any description; and at least as many women as men, about half-share of each, visited our camp the first day. These misgivings were apparently of a totally different order. Seven years ago I had found that if one attempted to write anything in their presence they promptly fled; they showed the same distrust of pencil and paper now, so that I could not obtain a start with their language until the next morning, and even then no one would remain near me writing for more than four or five minutes at a time. They had no knowledge of any place on the other side of the Owen Stanley Range, and it was not possible for a long time to carry their thoughts to the other side of the mountain, but finally they understood that there was something beyond this, and that we had been there. The principal village at the foot of Mount Knutsford, or the tribe living there, is called Gosisi; those that live opposite them, on the north-west spur of Mount Musgrave, are known as Tobiri. Personal appearance, a common language, and immediate proinquity show them to be one and the same people. They live for the most part in their garden houses, the village houses being small and few for the number of inhabitants. The occupants on the two sides of the river combined could probably muster sixty to eighty fighting men. They appear to me slightly lighter in colour than the Nesauba people, but the shade of difference may have been owing to the fact that they were less dirty at Gosisi and Tobiri than at Nesauba. Here, also, there was only one hairy man, who was, moreover, the lightest-coloured person in the community. There was so strong or wary haired individual there. In my opinion the men of Gosisi and Tobiri are physically the best built men yet met with in this colony. In the Gulf, for example, there are as tall men, but they are generally inferior to these mountainiers in general muscular development, especially in the lower extremities. They are clearly superior to any coast tribes in symmetry and proportion; probably, also, in average size and weight. I am aware this cannot be reconciled with the theory of writers on this subject, who inform us that the natives of the interior are less robust and are black and squat. No more can the fact that the lightest-skinned people we have met with were on the island where the British, Dutch, and German boundaries touch, and in the Musa Valley, on the Upper Kikumi, on Mount Scratchley, on Mount Knutsford and Musgrave, behind the Melko Range, on Mount Yule, and on the Fly at the centre of the island are all bronze-skinned, fairly broadly-boned individuals, there are only shadowy differences in personal appearance. Of course the small black people may yet be met with in the interior. All the women of Gosisi and Tobiri wore the grass petticoat. The dress, &c., of the men I have already described in my despatch narrating the first visit to Mount Victoria.
keep all at bay should there be any treachery at work. The event showed that there was not the slightest. They brought us to a place where there was a precarious bridge over the river, made up of a great tree laid down on the top of the fort, of benches to complete the other half. This bridge the natives soon prepared, so that we could cross dry and without much difficulty. We then ascended about 2,000 feet on Mount Musgrave and pitched our camp on a path that lies along the top of a ridge by which I visited Tobiari from the top of Mount Musgrave in 1888. Here we were soon visited by the people of Tobirri, who were very friendly and hospitable.

These tribes had plenty of food—bananas, maize, pumpkins, cucumbers, yams, taro, sweet potatoes, and fat pigs, of which they gave us two of large size. Next morning I went aboard with one man to find the road. Just after I had fallen a man appeared in camp accompanied by a number of women carrying food. He was disappointed to find I was already gone. He carried a stick from iron in one hand and a knife in the other, and he used to demonstrate to Mr. English that the "Kovana" was the first man to cut a number of trees across the path on which we were going, and he had then given the path to the other tribes. They had therefore brought me food and he wished to send the women to carry it to me because he was too old and too weak to go himself. Mr. English said he did not think I would like him to send the women so far, but the old chief insisted, and as a matter of fact the women carried food, &c., for us as far as Mount Koniall.

The names given by the natives of Tobiari to the principal mountains were—Mount Victor, Togoro; Mount Knatsford, Eusu; Mount Musgrave, Toi; Mount Millwarth, Dubigoro; Mount Thuyron, Nasinu; Mount Libey, Turri; Mount Bellford, Jib; the south-west end of the Owen Stanley Range, Oro.

As both men and women accompanied us from Tobiari we could make more rapid progress than by using our own oxen carriers only. We crossed the Lido, the stream at the foot of Musgrave, on the south side on the forenoon of the 3rd October, and reached the Yampa, at the foot of Mount Koniall, at midnight on the 4th. We found the Tobirri had kept our 1880 track open as far as this; but they had improved it by shortening it at several places. The only disagreeable thing we met with on this part of the journey was the difficulty of locomotion at Mount Musgrave from the path to the 400-foot level. They were so numerous at places that one could not keep one leg clear of them with both hands.

13. The Tobirri natives left us at the foot of Mount Koniall to return home. Next day we crossed the river by raft, getting over everything safe and dry. Beyond this point the marks of our former track had disappeared, the blasted parts of trees had become skinned over by brush, and the cut stumps under the greater heat and moisture had disappeared. The difficulty was increased by the fact that natives being now provided with knives and tomahawks mark paths for themselves all over the forest. This misled us so completely as to take us several miles out of our way on one occasion.

16. On the 10th we met on Guba Hill three natives of the village of Koniall who had come to look for us and were following our other track, on or near to which they actually found us. They accompanied us and others of their fellow villagers whom we met further on with Mr. Green, accompanied us to the village of Koniall on the Yampa, which we reached on the forenoon of the 12th. These people had heard of our approach when we were 20 miles to the south of them. The change that has taken place in the attitude of these natives in 1889, the date of the first ascent of Mount Victoria, with their behaviour on this occasion. In 1889 every rumour that arrived from any quarter was that I and everyone with me had been killed. Several of the party were mourned for, and were, as far as ceremonials went, buried in their absence; these preparations were made to receive us hospitably whenever it was thought we would call, and there was not a single rumour of any bloodshed whatever. The Koniall tribe, at first very wild in 1889, are now domesticated and very hospitable. From their village we reached the sea coast the next day. It should be mentioned that on our arrival at Koniall village we had still ten days' provisions on hand for our own party, but this was arrived at only through great care and rigorous economy.

17. Attached are two brief vocabularies, that of Nunea and that of Goesi and Tobirri. These are of great interest as representing the tribes nearest to each other on the opposite sides of the great central mountains. This supplies, though only imperfectly on account of the short time at disposal and the special difficulty met with, particularly at Goesi, a want formerly much felt. In the Annual Reports for 1885-60 the language of the tribes of the lower Madambe will be published. The Koniall tribe understand the language of Kabodi and Mombi as well as the language of Goesi. With the two short vocabularies now given here and the languages of Kabodi and the lower Madambe, we shall have a chain of dialects going right across the island.

Any person giving attention to this interesting and important subject must guard against being misled by what, so far as I know, is the latest publication on the subject, "A Comparative Vocabulary of the Dialects of British New Guinea, compiled by Sydney H. Ray. 1855." Under the head of Papuan Languages, page 8, Mr. Ray, who is an enthusiastic scholar and of phenomenal erudition in these matters, has the following:—"'O. Kabani.—On the slope of Mount Owen Stanley (Mota oroco Kabani, waist of the mountain)." Kabani figures as number 49 in Mr. Ray's comparative vocabulary. Anyone not versed in the facts of the case would conclude that there is a village called Kabani, say half-way to Mount Owen Stanley, and that he has the dialect of these people before him. It is impossible to say within a mile or two of miles what is meant by "Mount Owen Stanley," but from the context and from the seductive etymology (which, however, deeper thought would probably connect with "Vanas," "panna," "louna," &c.) applied to the geographical position, it probably signifies Mount Victoria. Now, not only is there no village on any side or slope of Mount Victoria, but there is none near it. I have not been able to learn with certainty where Kabani is located, but it is not improbable that Jabun, a village near Mount Cameron, is the place meant. That is, of course, many days' march from the slopes of Mount Victoria. On the map accompanying Mr. Ray's brochure the name of Owen Stanley Range is correctly given; but Kabani is not shown near it, but in close proximity to Douara, which is probably also correct, although that would make Kabani some way from the Owen Stanley Range. As the village or villages of Goesi is near the foot of a spur of Mount Knatsford, it may perhaps be considered as being at the foot of the Owen Stanley Range; but in this respect its position is, so far as we know, quite unique. There can be no doubt whatever as to the geographical position of Goesi and of Nunea, which became of great importance in a scientific classification of our dialects.
on correct premises; but in any such classification Kabana, at least as represented by Mr. Ray, must disappear. It will be noticed that there are not a few instances in which a word has the same signification at Neneba that it has at Gossi. Mr. Green says there are many points of contact between these dialects and that spoken by the tribes inland from Kabana. Corn seems to have reached Neneba from that district. At Konj, on the Vanapa, we met a native that had actually been to Neneba. It appears there is some way of reaching the latter place from the Vanapa by going round the west end of the Owen Stanley Range.

18. I forward herewith a map of the country recently traversed from the mouth of the Mambare to the village of Tobiri, on Mount Musgrave. It will probably be found sufficiently correct for all practical purposes, as Mr. Cameron has met with no difficulty in plotting it from the data obtained from the different observation spots. In all probability this inspection, extended right across the island, will give a decided impetus to the further examination of the interior. A moderate expenditure might well aid out in cutting a better track early next year from this side to the top of Mount Knutsford, and in foraging a small depth of food for prospectors on Mount Scratchley. There can be no doubt that gold will now continue to be brought from the interior for many long years to come. The difficulties of getting there and back are great, but not insurmountable. For agricultural purposes the interior is useless, unless it were for growing a few vegetables for the nurses. There is reason to believe that the climate is healthy, very few cases of fever having occurred in the district. Probably, however, men can work there only from the end of April to the beginning of November.

Mr. Simpson has presented a rich specimen of gold and seminolus to the official collection of this colony in Brisbane, and there will be additional light thrown on the natural history of the interior when the specimen now being collected are duly examined by competent authorities.

I should not close this despatch without acknowledging my indebtedness to Mr. Green, Mr. English, and Mr. Simpson for the assistance they rendered me in this journey. I am grateful to the Papuan carriers.

I have, &c.,
W. MACGREGOR.

His Excellency The Right Honourable Lord Lamington, K.C.M.G., Governor of Queensland.

[Enclosure No. 1 in Appendix C]

VOCAULARY OF THE DIALECT SPOKEN BY THE NATIVES OF GOSSI AND TOBI, MOUNT KNUTSFORD AND MOUNT MUSGRAVE, 1896.

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<th>Adam's apple:</th>
<th>Nero</th>
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<td>Ankles:</td>
<td>Nokoa, Kosona</td>
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<td>Kosona</td>
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<td>Akola, Siruma</td>
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<td>Kosona</td>
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<td>Lati</td>
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</tr>
<tr>
<td>Carry under arm:</td>
<td>Kamanu</td>
</tr>
<tr>
<td>Carry on head:</td>
<td>Kinono</td>
</tr>
<tr>
<td>Castor-oil nut:</td>
<td>Britani</td>
</tr>
<tr>
<td>Chief:</td>
<td>Kau</td>
</tr>
<tr>
<td>Cockatoo:</td>
<td>Keia, Kaia</td>
</tr>
<tr>
<td>Come:</td>
<td>Ivanouli</td>
</tr>
<tr>
<td>Cocking stone:</td>
<td>Mune</td>
</tr>
<tr>
<td>Collar-bone:</td>
<td>Nolobito</td>
</tr>
<tr>
<td>Coose:</td>
<td>Kona</td>
</tr>
<tr>
<td>Cold:</td>
<td>Ugouru</td>
</tr>
<tr>
<td>Chew sugar-cane:</td>
<td>Torebu ivanu</td>
</tr>
<tr>
<td>Cough:</td>
<td>Etho</td>
</tr>
<tr>
<td>Cloth:</td>
<td>Salina, Boseka (for head)</td>
</tr>
<tr>
<td>Cry:</td>
<td>Ivivaniu</td>
</tr>
<tr>
<td>Cuscas:</td>
<td>Mia</td>
</tr>
<tr>
<td>Cut with knife:</td>
<td>Oootoo</td>
</tr>
<tr>
<td>Cucumber:</td>
<td>Mosara</td>
</tr>
<tr>
<td>Cucumber, another kind:</td>
<td>Moneni</td>
</tr>
<tr>
<td>Dance:</td>
<td>Havani</td>
</tr>
<tr>
<td>Dig:</td>
<td>Watabi, Rotonu</td>
</tr>
<tr>
<td>Dog:</td>
<td>To</td>
</tr>
<tr>
<td>Dog howls:</td>
<td>To looma</td>
</tr>
<tr>
<td>Drum:</td>
<td>Sare</td>
</tr>
<tr>
<td>Drum, inside of:</td>
<td>Wahare</td>
</tr>
<tr>
<td>Ear:</td>
<td>Kurana</td>
</tr>
<tr>
<td>Earrings:</td>
<td>Midete, Aiyava</td>
</tr>
<tr>
<td>Ear, hole in:</td>
<td>Ufana</td>
</tr>
<tr>
<td>Eat:</td>
<td>Ili</td>
</tr>
<tr>
<td>Elbow:</td>
<td>Nukai</td>
</tr>
<tr>
<td>Eye:</td>
<td>Niabai</td>
</tr>
<tr>
<td>Eyelid:</td>
<td>Nirikana</td>
</tr>
<tr>
<td>Eyelbow:</td>
<td>Nivada</td>
</tr>
<tr>
<td>Fat:</td>
<td>Bonoma, Batavi</td>
</tr>
<tr>
<td>Fence:</td>
<td>Emeenu</td>
</tr>
<tr>
<td>Feather:</td>
<td>Fomove</td>
</tr>
<tr>
<td>Fire:</td>
<td>Vene, Fene</td>
</tr>
<tr>
<td>Firewood:</td>
<td>Akura, Kavi</td>
</tr>
<tr>
<td>Finger:</td>
<td>Ogoovada</td>
</tr>
<tr>
<td>Finger, index:</td>
<td>Fiso</td>
</tr>
<tr>
<td>Finger, second:</td>
<td>Atikoro</td>
</tr>
<tr>
<td>Finger ring:</td>
<td>Fiso</td>
</tr>
<tr>
<td>Finger, little:</td>
<td>Ekikono</td>
</tr>
<tr>
<td>Fire, to blow:</td>
<td>Veni funu</td>
</tr>
<tr>
<td>Flesh:</td>
<td>Miava</td>
</tr>
<tr>
<td>Flog:</td>
<td>Sar, Yuze</td>
</tr>
<tr>
<td>Floor of house:</td>
<td>Fio</td>
</tr>
<tr>
<td>Fold:</td>
<td>Omanamu</td>
</tr>
<tr>
<td>Forehead:</td>
<td>Fari</td>
</tr>
<tr>
<td>Flower:</td>
<td>Oguru</td>
</tr>
<tr>
<td>Frog:</td>
<td>Kadiuunu</td>
</tr>
<tr>
<td>Foot:</td>
<td>Patagova</td>
</tr>
<tr>
<td>Garden:</td>
<td>Habai</td>
</tr>
<tr>
<td>Garden fence:</td>
<td>Habai menu</td>
</tr>
<tr>
<td>Gum:</td>
<td>Boro</td>
</tr>
<tr>
<td>Get up:</td>
<td>Urahai</td>
</tr>
<tr>
<td>Give:</td>
<td>Malai</td>
</tr>
<tr>
<td>Go:</td>
<td>Tamarai, Wasi</td>
</tr>
<tr>
<td>Grass seed:</td>
<td>Afaua</td>
</tr>
<tr>
<td>Gun:</td>
<td>Ihii</td>
</tr>
<tr>
<td>Hand, to:</td>
<td>Ili</td>
</tr>
<tr>
<td>Head:</td>
<td>Ada</td>
</tr>
<tr>
<td>Hair:</td>
<td>Kainovana</td>
</tr>
<tr>
<td>Hat:</td>
<td>Boseka, Lokiloki</td>
</tr>
<tr>
<td>Head:</td>
<td>Kina</td>
</tr>
<tr>
<td>Hole in septum:</td>
<td>Uriava</td>
</tr>
<tr>
<td>Hole in ear:</td>
<td>Uriava</td>
</tr>
<tr>
<td>Hornbill:</td>
<td>Boboro</td>
</tr>
</tbody>
</table>
Houses of Nemaha Village, and Small Gardens. (Mount Scratchley.)

Nemaha Village, Mount Scratchley.
15

Hit: Dadaorerebu
Jump: Borasu
Knee: Kaine
Kneel: Kome batani
Knife: Gaia
Knife handle: Yedive
Knife blade: Enive
Lay down: Meenoimannu
Laid shell: Enedano
Lay out: Eita
Leaf: Anass
Lecob: Doom
Lie down: Yahanu
Lizard: Boroko
Loose: Minnu
Looking glass: Varivari, Hefari
Lips: Aabu
Man: Ana
Mast: Gregoria pulchra: Atavo
Molar tooth: Gejai
Moustache: Aivaoma
Mouth: Nene
Mosquito: Kusia
Neck: Goba
Net apron: Yaha
Net bag: Yaha
Nipple: Aasa, Deboro
No: Wasu
No tobacco: Kuku wann
Nose: Ever
Out of breath: Utonu
Paper: Beci
Poth: Uman
Potu: Kameri
Palm of hand: Adafo
Pamf'in: Uro
Poth: Fasi
Pig: Toeka
Pinafore of net: Orarupi
Post of horse: Holo
Potato, sweet: Gabbugabbu, Kubea
Plait, to: Yeensa

Piano (iron): Atula
Plant: Babahan
Pumpkin: Batauu
Rain: Otogo
Raspberry: Udu
Red cloth: Tabus taote
Roll up: Doguana
Rub the eyes: Reed:
Rose: Fio
Rope: Yaro
Run away: Fikiki kuiri
Roast potato: Papahanu
Tattooing: Hana
Throw: Atunu
Throw away: Mahratui
Throw: Ogorawda
Thigh: Hosi
To: Utuafusa, wuremefanu
Toe: Tio
Toes, great: Ugewada
Toes, second: Fiso
Toes, third: Fiso
Toe, fourth: Fiso
Toe, little: Ekkeni
Tomahawk: Uba
Tongue: Nene
Tooth: Aiyu
Tooth, incisor: Aiyu
Tooth, molar: Oosai
Tobacco: Kuku
Tobacco, to smoke: Kuku ai
Tobacco to tease for the bauanu:
Kuku ada
True: Dumutungu
Turn round: Yutuvuti
Twine: Pauon, Goda
Sponge: Aaneau
Sword: Tumau
Siver with cold: Dabunu
Silk band: Amara, Sani
Sleep: Baa, Yahi
Sweet potato: Kubea
Smoker: Feneido
Spear: Tso
Stone club: Girenu
Stone: Uvou
Stone: Muni
Squeeze: Ekaana
Sun: Pauen
Spider: Akoia
Sugar-cane: Basua, Terebu
Shoulder-blade: Bego
Sit down: Ugumai
Skin: Wati
Snake: Huma
Sneeze: Biki, Ekinu
Stick: Idi
Stand: Tai
Spit: Foon, Sahoi
Unfold: Wavehulu
Utile: Ieetu
Uper: Zouve
Vein: Daraquna
Village: Dua
Walk: Tnu
Water: Manbuna, Eta (Kaise, hot water)
Waterfall: Aguri
Whistle: Ipuusai
Woman: Kete
Write: Ieki
Wrist: Nukri
Yam: Gemenu
Yam skin: Gameur hanu
Yes: Ge
1: Adai, Mainu
2: Nokuu, Totatanu
3: Nakaivo, Kena
4: Fioue, Tokakama
5: Nibure, Mainu, Totakama
10: Yahanu, Ana ruhanu.

[Enclosure No. 2 in Appendix C.]


Adam's apple: Adoro
Adze, stone: Kune
Amaryllia: Ta wea
Ant: Pathegana
Ant: Chiri
Ant, black: Siri
Ant, black (large): Kabaa
Aron of cloth: Tanuu
Armlet: Agoro
Armlet (woman's): Agoro
Arm, zipper: Adatuma
Arm, toe: Adatuma
Armlet of cane: Kute
Artery: Dangue
Ashes: Uti
Bamboo pipe: Togu, Bagu
Bag, knitted: Le, Da, Ra
Banana: Maina, Uve
Bake: Ama
Back of head: Budiri
Backbone: Digara
Basket: Daiari
Backbone of fish: Garubu
Book of hair: Idi yute
Bar of banana: Uri rate
Beetle: Bai, Siguri
Beads: Anika

Beans of banana seeds: Arina
Belt: Kuto
Bettel mu: Bidi, Siho
Belly: Latu, Gowa
Beep: Wunu
Beard: Aivona
Belly full: Momu tata
Rover of quartz: Mata
Bird: Nea
Boy: Eche
Breast: Aun
Blood: Tan, Taau
Bring: Umaporo
Butterfly: Arasimia, Demeend
Blow the fire: Lole titua
Breastbone: Gomemo
Buttock: Denisi
Bill of bird: Avii
Blow: Rerawatia
Boil: Guragaar
Black on face: Ogo
Bracelet of wallaby skin: Boro
Bow (shooting): Biono
Bow string: Biono Kotefanu
Bow, arrow for: Diba
Bristles: Aivona
Cuff of leg: Animiki
Cane: Kaeu

Case for tying: Kote, Kuto
Casewary: Duna
Cloth, native: Garau, Tanu
Club (stone), pineapple: Girisha
Club (dios): Maita
Club, handle of: Maita, Kase
Club, hole in: Basi
Cloth, foreign: Anike
Clavicle: Koono
Cloud: Fumunu
Cloudless sky: Ogo
Claw: Fizikei, Ambi
Cloth, personal: Siezki
Cloth, as belt: Kikintau
Coalberry: Kaeu
Colours:—
White: Ooren
Red: Tare
Blue: Bukan
Black: Addu

Count of Darcalia
Cockatoo, white: Baragi
Cough: Dokidokoe
Comb: Clykara
Cockatoo, black: Konesa
Cocosnutt: Boneba
Cress: Hida, Fada
Cut off: Vyvusi
Grave at Nineta Village, Mount Scratchley.
(Showing Skeleton.)

Nineta Village, Mount Scratchley.
Showing disposal of skulls of dead relatives.
APPENDIX D.

DISPATCH, REPORTING VISIT OF INSPECTION TO CERTAIN PLACES IN THE EASTERN PORTION OF THE POSSESSION.

No. 3.]

18th January, 1897.

Mr. Lunn,—I have the honour to report that on the 9th November I left Port Moresby in the s.s. "Morrie England" to visit certain places in the eastern part of the colony.

The Government Station at the Rigo district was in a satisfactory condition, the food gardens containing considerable quantities of bananas, sweet potatoes, &e. The two large bridges constructed by Mr. English across the creek, for opening a wheeled track from the beach to the station, were all but finished. They are built of the best native hardwood (Aefira bijinje), which will keep sound for several generations; they are strongly put together, and are altogether a very creditable performance. The road was also being proceeded with. The only disagreeable matter was the rather severe, continuous drought.

The chief of Guuru joined us with a number of carriers for travelling inland.

The night of the 11th was spent at Suan; it was ascertained that nothing of importance had occurred in the district for some time.

At Samarai I was waited on by a deputation on the 12th, which came to complain of the action of the magistrate in refusing to allow certain vessels to carry an unreasonable number of natives along the coast to the Manzuru River.

The commander of the s.s. "Morrie England" inspected the vessels engaged in this work, and determined the number that each could with safety carry in the future.

At Kapi-Kapi, where we anchored for the night of the 13th, all was quiet.

On the 15th of November we started from the northern mouth of the Musa to ascend that river as far as the Moii Valley. The party consisted of two miners (Messrs. Simpson and McLeish) Mr. Green, Mr. Kowald, and myself, with carriers and a few stores, transported in two whaleboats towed by the steam launch of the "Morrie England." It was, however, soon found that the launch had been neglected, had been badly damaged when being unskilfully hoisted on board the steamer, and had further been allowed to fall out of repairs. In addition to this, the driver could not manage the machinery.

The first day we only reached the camp at the foot of Mount Victory, some ten or twelve miles by the river, and had to camp there for the night.

Next day the launch and boats had to return to the mouth of the river to bring on the row of the party and baggage that had been left there. On the 19th the launch ceased at the village of Yasia to be of any further use; at that time, too, half of the party were a day's march further down the river. We were thus left unaccompanied by too many men and too much baggage for ascending the river by pulling boats, especially against the stream, then becoming flooded.

At Yasia a few natives, the first we had seen, came to the camp. They were shy and timid, but quite friendly. There was hardly any trace left of the former villages that stood on the river below this point. Even Yasia itself was deserted, and the houses were falling to pieces. The depopulation was doubtless one of the results of the roguery of the Mount Tnfalgar men in their great cannibal expedition of 1895.

It was found that Yasia is in latitude 9° 15' 05" S., and bears 168° 15'; magnetic, to the highest peak of Mount Gorupu. About a mile above Yasia a branch called the Totot enters the Musa on the right side; it comes apparently from the western side of Mount Victory, and is about sixty yards wide.

Several canoes came out of that branch with two they wished to sell; there is probably a village on it; there are certainly gardens there. Two or three miles above the Totot there was a new village of five houses, well built, on the right bank of the river; this place they called Kirozi. There were about a score of men presented there; all were friendly; they had no tree-houses.

We reached the village of Yagias, on the right bank, on the afternoon of the 23rd. It consists of nearly thirty houses and five tree-houses. There were about fifty men present; they supplied us with some native food. One man there said he belonged to Jogiwarl (one of the former small villages below Yasia), and that his people had been nearly all killed by the Tnfalgar cannibals. He was aware that these had been promptly punished, and he divested himself of his earrings and presented them to us out of gratitude; but he was very willing to accept a return present.

On the 24th Mr. Kowald and Mr. Simpson crossed the river from our camp to the right bank, about a couple of miles above Yagias, to look for a native track by which the carriers could transport the baggage or part of it overland.

They found one which led them to the village of Dove.

From this point one can easily travel overland into the Musa Valley, there being native paths all the way and no very difficult road.

On the 25th of November we were at the village of Dove. It appears that the name of the district is Zulbar, which is also sometimes applied to the village. The Dove people were friendly, and some of them even, with a small number from Yagias, assisted as carriers. Dove was found to be in latitude 9° 21' 30" S., and to be 155° 39'-158° and 164°, magnetic, to the three peaks of Gorupu.

The greater number of the Dove men stole away into the bush on the morning of the 27th, when their services as carriers were required by us.

A little way above Dove two men appeared on the right bank of the river, one in a shirt and wearing a red cloth. They turned out to be the chief of the Gowaulara tribe and his brother. As soon as the chief heard that we were on the river, he started on a raft to come to meet us. The village of
Gewadura was passed by my boat on the 23rd, but with such extreme difficulty that, after taking about an hour to accomplish a hundred yards on the river, I was all but on the point of giving it up as hopeless. Mr. Simpson and Mr. Kowald went on overland, and reached Dugare village.

Gewadura consists at present of a scene of dwelling-houses in three or four groups, each surrounded by a palisade of good tree-branches.

Dugare has now about fifteen dwelling-houses and three free-houses. All these people were very friendly, many of them having joined the land party as carriers.

A camp was formed on the left bank, about a mile below where the river enters between the hills, and there Mr. Kowald was left behind with part of the baggage.

At 4 o'clock in the afternoon I had pitched camp on the river, about a mile and a half below the highest point to which the boat could be taken, when messengers reached me overland asking that I should return immediately to see Mr. Kowald, who had suffered a very serious accident. I arrived at Mr. Kowald’s camp at dusk. Mr. Kowald, it appears, was Employing the chief, Keohotangan, how dynamite is used. He was not then employing it for the purpose of fishing, for the river was flooded, the water was muddy, and there was no pool there. Mr. Kowald was blowing on a fire-stick to light the fuse, when the cartridge of dynamite exploded in his right hand. The explosion carried away his hand and the right eye, besides inflicting enormous serious injuries to the face, neck, and right side of the body. It was evident that his condition was a very grave one, and that I should consequently not be able to proceed any further up the river. It was accordingly arranged that Mr. Simpson and Mr. McLeird should go on to the Mun or Mont Valley with the carriers and six constables, with provisions up to the 8th of January.

I descended the river with Mr. Kowald to get him on board the “Merric England” as soon as possible.

Mr. Simpson’s report of his journey is annexed hereto. It will be seen that from the gold prospectors’ point of view it is nothing short of disappointing.

The day after the accident to Mr. Kowald and the subsequent day several men, including the chief of Gudare, came to the camp from Mun and Gudare to say they were greatly distressed over the sad accident to Mr. Kowald; that they had cried over his misfortune, and had not slept. They said they grieved over him, and that they intended that so much sorrow deserved some material recompense.

On arriving at Gewadura on the 4th December, I was informed by the chief’s brother that they had cried all night and had slept all day, and that they wished to be paid for their tears. A very small present extinguished this sad claim.

On the 5th of December we passed at some seven or eight miles from the sea, the camp of as many miners, who were on their way to the Mont Valley.

Four or five were still at the mouth of the river. They were expecting assistance from the steam boat, to help them up stream; but that was quite impossible, as the launching was quite useless even to ourselves. It will be seen that Mr. Simpson met these men higher up the river on his return, when he showed them the nearest and best road into the valley, and provided them with good guides and carriers. With these and the road already cut, and with the Moho natives all friendly, they should have no difficulty in reaching the main range, were the weather at all favourable.

One of their number had already died, and others were ill. Some of those camped at the mouth of the river were also sick—one or two seriously so—and so were also the two men in charge of the launch.

4. On the evening of the 8th of December we reached the mouth of the Manahare River. The following day we began the ascent of the Manahare, which was flooded, and the current very strong.

At Tautatu there were no natives in residence. It was evident that the whole village she had recently been flooded.

At Gudare we found all the Tautatu people; they had left Pen, they said, because it had been so often flooded. At Gudare there are some ridges that are 50 or 60 feet above the river; they are now building on a clearing there. It appears that the tribes on the Gira side of them have made peace with Tautatu.

On this visit of the Manahare prisoners went back to his district. He is a member of the constabulary, and seems to be a steady, trustworthy man. If he remains so, he will be of very great use to the Government Agent. It did not seem quite safe to trust all the others at present in their own district. It is most desirable that they should have some experience as members of the force in other districts, and in general service, before they return as village police or as armed constables in the Manahare district.

The returned man, who seems to be a great favourite in the district, had a touching and warm welcome at many places.

On seeing him arrive at Guda a woman stood up and yelled for some time as loud and hard as she could: then she and two or three other rushed at him, seized and kissed him by rocking faces after their own fashion; then he sat down on a mat and let them cling to him and cry and lament. When the woman had done their cry and sung their mourn they then man surrounded him, and as soon as one man began to cry they the lips of such men began to shake and their eyes to water, and all cried as they might more reasonably have been expected to do were be being torn away from them instead of being restored to his friends. His behaviour was very correct; he received their embraces, kisses, and tears with sympathy; then showed them his uniform, carbine, the contents of his pocket-book, his satchel, &c. This was gone through wherever there was an opportunity, but their very demonstrative affection was exhibited at some places where we did not stop, in a still more striking way.

When they heard at Manahare village that Dun！！ had returned, a woman yelled and screamed at the top of her shrill voice, and beat her breast violently. She then took a short run along the bank, laid her body on the bank, and fell in a way that appeared to be very violent. But even this, which would have probably stung or killed an elderly European woman, did not seem to relieve sufficiently the feelings of joy with which she was suddenly intoxicated.
See took a run straight towards the river and jumped from the high bank as far as she could into the flooded muddy stream, swimming back to the bank to repeat again the same acrobatic leap. At every place the natives were friendly.

Two men insisted on accompanying us up the river from Gada, and they kept shouting to everyone they saw the news of the return of Dumai. The corporal, a Fly River man, had brought his wife, a woman of Port Moresby, with him. Next to the return of Dumai the arrival of the corporal's wife was the most important item of news; the men seemed to be thus now the constabulary were bringing their wives there was to be real peace in future. She was looked at with the deepest interest.

At the station there were ten or twelve miners. Two had died, and half the others were ill, some of them seriously so. There were some ten or twelve in the interior, but the latest news from them was by no means encouraging. It appeared they were working on the old ground on the McLaughlin Creek, at the foot of Mount Scratchley, and that they had not found any new patches. It rained very every whilst we were on the river. In the morning the river was always flooded, sometimes overflowing the banks; in the afternoon it fell several feet, only to be up again next morning. It was the intention of most of the miners to leave the Manbari till the wet season was past. A number of them wished to reach Numari by the steamer.

There was a trader's schooner at the mouth of the river; and as private vessels often complain that the steamer interferes with their business by carrying passengers, &c., I directed Mr. Green to inquire into each case before a passage could be granted by the steamer. He was instructed to send by the steamer each man that was so ill as to render his speedy removal desirable; and each man that was not able to pay his passage by the schooner. Some half-dozen came by the steamer. Some that left the river abandoned there the native carriers they had brought about 200 miles from their homes. A number of the native carriers died; several returned sick, some of whom have subsequently died.

When the natives learn that others were left by their employers this will increase their unwillingness to engage again as carriers. The employers that are known and are liked will probably be able to obtain carriers again; others probably may not.

The Manbari natives begin now to understand what is meant by arrest and punishment. The explanations of their returned countrymen will do little to make this more plain to them.

Mr. Butterworth, who had been in charge of the station during the absence of Mr. Green, had found that the natives on the river below the steamer were unfriendly disposed towards the Taipinah carriers of the others, and that they were on the watch to catch these carriers alone when descending the river in canoes, in order that they might attack them. Mr. Butterworth and some of the miners, by a route, surprised the natives in the act of attacking the carriers. All the villages concerned were consequently visited, and all procurable weapons were burned, and some half-dozen men arrested. Those were in turn when I arrived at the station; but Mr. Butterworth had re-established good relations with all save one village, and had promised that on my arrival the case of the prisoners should be considered, and that they would then, perhaps, be let go. They were liberated, and returned fearlessly next day to trade at the station. One prisoner, accused of having some time ago killed a carter he had found stealing in his garden, was brought to Numari.

On the 2nd of January the steamer left Sasaru to fetch Mr. Simpson's party from the mouth of the Mei River, and she returned on the 5th. On the following day the steamer left for Sabeta Island with Mr. Winter on board, who received directions to inquire into several matters in that district, as I was detained at Sasaru on other work. Mr. Winter's report will be found annexed hereto. It will be noted that the prisoners employed at Sabeta were in a very satisfactory condition.

There is considerable activity on the coast end of the colony, chiefly on account of the two industries of gold and rubber. It appears that there were over 200 miners on Woodlark Island, about half in the Mount Valley, and nearly the same number on Mount Scratchley. The Melina men were reported as doing fairly well, and others as getting but little. The rubber industry has already assumed considerable proportions, and it seems to have room for much extension. The rubber seems to be of fair, some of first-rate, quality.

I have, etc.,
W. I. MACGREGOR

His Excellency The Right Honourable Lord Lamington, K.C.M.G., Governor of Queensland
After leaving your party on the 2nd December, 1886, I made across the ridge and struck the river midway between your highest 1865 boat camp and 1866 boat camp. Before crossing the river I was joined by about thirty of the local natives, the Imbisa boys, who accompanied us to the river and down it until we parked the boat camp and Mr. McElastian and the police. By the time we had arranged the stores to go back it was found to be too late to make the 1866 boat camp at 10 a.m. on the 3rd the goods unloaded, and river boat returned to your party.

On reaching the camp the Imbisa boys did not want to go further; they had previously to this volunteered to show us a road up the left bank; they now declared there was no road up that side. However, they were induced to cross the river with us, and we cleared and crossed a good camp.

During the afternoon half of them sneaked quietly off, and during the night the remainder decamped also, though a watch had been set on them.

Some delay was caused on the morning of the 5th by having to rearrange the carriers' loads, through the failure of the Imbisa boys' promises to come with us, and we left at 9 a.m. After going a mile or two it was found one of the heavy loads was too much for the current, and we off-loaded the goods and loaded what was termed the small boat, and we started again, following a good road up the left bank; we now declared there was no road up that side. However, they were

Following on till camp time, the course marked on your tracing, we were in very difficult country during the afternoon. Next morning we had to leave side and go down to the river bank, crossed the grass hill, picked up the track again, and camped in a creek four miles or so from grass hill, and reached the Moni-Aduma junction next morning by 9 a.m. Followed a native track up about a half a mile from junction, when we suddenly came out on a big grass patch. On this patch we sighted a native before he saw us. I immediately caught out the peace terms used with the exception of the boot being so tiringly surprising at first to be able to go away, and by the time he recovered we had managed to assure him that our mission was a friendly one. He wished to go away at once for food for us and fetch his friends, but was induced to show us his village, a poor little place of four or five houses, and your Excellency's reply. About an hour after leaving us he returned with about thirty natives, the Aduma chief or head chief.

During the afternoon we were visited by about sixty or seventy natives; they brought us any amount of food, were very friendly, and excited and suspicious. Our arrival had evidently been a complete surprise.

Our first work on the Aduma branch was to examine the valley for about twelve to fifteen miles as far as the high hilly section known as the Himalayas. We found no gold on the beaches of the Aduma till we reached the hills; there we got very fine colours.

The hills we found to be all made ground, simply of wash builders and sand. On the route of the camp (plotted by an immense crowd and camped at a creek of small patches rather difficult; we saw traces in old places of the track made by Your Excellency. On our second day we made across the high ridge as suggested by the river shingles, but we have seen no solid country in the hill and sailed on the side another.

Ten miles from our place, the course marked on your tracing, we were in very difficult country during the afternoon. Next morning we had to leave side and go down to the river bank, crossed the grass hill, picked up the track again, and camped in a creek four miles or so from grass hill, and reached the Moni-Aduma junction next morning by 9 a.m. Followed a native track up about a half a mile from junction, when we suddenly came out on a big grass patch. On this patch we sighted a native before he saw us. I immediately caught out the peace terms used with the exception of the boot being so tiringly surprising at first to be able to go away, and by the time he recovered we had managed to assure him that our mission was a friendly one. He wished to go away at once for food for us and fetch his friends, but was induced to show us his village, a poor little place of four or five houses, and your Excellency's reply. About an hour after leaving us he returned with about thirty natives, the Aduma chief or head chief.

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This was accordingly done. We followed this creek up a good many miles and prospected it well, but did not see gold.

The formation was very remarkable, always changing. Our second morning in the creek it was found that two of our carriers were entirely unable to proceed further; so we proceeded to make our way back to the Owyhee. Here we made some raids in addition to those we had left there, and came down the Mono in the Poosi junction.

Our reason for stopping at that point was we were informed by the natives that the road from the Lower Mono up the left bank terminates there. We returned to the Poosi junction on the evening of the 22d. We found it necessary to stay a day there to send the sick carriers; and on the evening of the 28th we left for the boat camp at Declere, arriving there about 4 o'clock, on the same afternoon, although we had some difficulty in getting our sick carriers to make the journey. We found the road on our return journey a vast improvement to the one we had gone up on the opposite bank. All through the trip the Mono chief proved our particular friend; escorting us through the country, and introducing us to all his neighbors and friends. We found a very large population in the valley, and in all instances they were friendly; but in the early part of the visit they were very suspicious, in the latter part their suspicions were very much allayed. We saw no women with the exception of two by accident, and only in the latter part of our trip did we see any small children, who seemed not the least bit afraid of us, sleeping in the camp with their relatives if allowed. The principal weapons of these people seemed to be the spear, club, and shaft; we did not see any bows and arrows. The dress worn by the men is one of the ordinary native cloth. The health of the expedition was fair, many of the carriers getting slight attacks of fever, and the final break-up of the two before mentioned certainly robbed us of a few days' work ahead.

It was not possible to take them further out, and it would have been very unwise to divide the party.

Specimens of country rock wherever seen were obtained, also some river shingle.

We left the Declere Camp on the morning of the 20th with the boat and rafts, and reached the Ten-mile Camp, under Mount Victory, on the afternoon of the 22d December.

As we had a few days to spare, we started out to examine some of the country on the west side of Mount Victory. We returned from there on the 2nd instant without having discovered anything worth noting and on the third day made our way to the sea.

The "Merrie England" arrived the same day.

I am, &c.,
WM. SIMPSON.
His Excellency Sir Wm. Macgregor, Lieutenant-Governor, British New Guineas.

[Exclusion No. 2 in Appendix D.]

VOCABULARY.

| Arro: | Ayl.
| Bread-leaf thistle | Kale.
| Borer | Same.
| Body: | Tata.
| Bowls: | Boril, Borindindin.
| Blue pigeon | Ubuni.
| Beetle net | Utsa.
| Bag | Gouti.
| Bush: | Sika.
| Bum: | Koko or Domor.
| Bamboo pipe | Gagabia.
| Black bee | Yellow streak | Xaban.
| Cushion-bark, bone-legs | Begtia.
| Candy | Rusus.
| Cabbage | Ora.
| Crocked: | Bibi.
| Coarse-leaved | Dossen.
| Calico | Yena Yena.
| Cert: | Bibra.
| Cooking pot: | Okin.
| Disc club: | Tonsi.
| Drink water: | Rengo or Koa-Mum.
| Dace: | Gum or Gorni.
| Dead: | Ula.
| Dyed native cloth | Giwa.
| Drum: | Dora Gona.
| Eye: | Namia.
| Ear: | Oshi.
| Fat: | Bongo.
| Fog: | Gorno.
| Fingers | Ipon.
| Foot: | Tondra.
| Fish: | Minar.
| Firewood | Kauso Kaiso.
| Pipe, pipe, length for month, pipe, pipe | Gamine, Gaminbi.
| Fire feathers | Manta Manta.
| Falling down | Tari.
| Good: | Iona.
| Ginger | Orn.
| Garden: | Bigata.
| Growing | Nisn.
| Gun: | Magro, Awari.
| Get up | Ebox.

Snare: | Gona.
Sleeping mat: | Washimias.
Small net: | Waja.
Sugar-can: | Pi or Eho.
Speck grass | Oki or Shiwa.
Tree: | Urpu.
Topknot: | Gimpie.
Thunder: | Utabia.
Tare: | Min.
To make fire: | Gegumbi.
Thumb: | Ubi.
Vine: | Yaha.
Wild hare: | Audiberi.
Wall: | Yeri.
Wild ducks: | Wadi.
Water: | Uru.
Wild turkey: | Bura.
Tree: | Ai.
One: | Ovarea.
Two: | Buban.
Three: | Giabii.
Four: | Obobua.
Five: | Upan.

WELANGS AND ORNAMENTS TOBOUGHT.

Uppers.
Fine club: | Tiipi.
Round club: | Tom-
Rhinoceros club: | Misi.
Star club | Gost.
Kula decorating | Mosci.
Handle: | Acro.
Skein: | Kupora.
Weapon like paddle: | Stil.
Shell axeheads | Digo.
Coconut armlets | Sipa.
Boat's tooth | Yawu~una.
Shell necklace | Perl.
Tortoise-shell ear ornament | Dipo.
Coconut ear ornaments | Kuma.
Shell: | Jaina.
Alligator teeth | Uma or Yawu~una.
Native cloth: | Giwa.
Bags: | Gouti.
Poke | Oka.
APPENDIX E.

DESPATCH REPORTING UPON THE GOLD-BEARING DISTRICTS OF THE POSSESSION,
No. 4.] Government House, Port Moresby, 19th January, 1897.

My Lord,—My attention has been drawn to the fact that many sensational, probably misleading, items of news have recently been appearing in the Australian Press with regard to the gold-bearing districts of this colony. It seems well that the matter should be put at once in its true light, to prevent, perhaps, much disappointment, risk to health, and loss of time.

2. There can be no doubt that the Woodlark (Murua) Gold Field is already much overmanured. There is no reason to suppose that the present mining population can remain there long. It would therefore be unwise for parties of men to come to this colony with the idea of working on Woodlark Island.

3. The islands of Misima (St. Agnes) and Sudest are practically abandoned by the surface miner.

4. As regards Mount Streatfeild and its vicinity, where the head waters of the Mambaru River take their rise, all that can be said is that there is a large area of country, composed principally of slate and quartz, with colour of gold in many; if not in most, creeks, with occasional traces of equilibrium and cinnabar; but at the present moment it is not known to me that any new patch has been discovered that yields payable gold, while the McLaughlin Creek, where nearly all the gold found in that part of the country was got, must be about worked out by this time. The position of the Upper Mambaru district, therefore, is thus—that there seems to be a large area of gold-bearing country there, but what it requires is a prospector. There is not a goldfield there in the sense of any area of payable gold, but it seems to be well worth the attention of good prospectors.

5. At present there are four parties in the interior. (a) About a dozen men on the Upper Mambaru, apparently at work chiefly on the McLaughlin Creek. They were understood, by latest reports, to be getting but little gold. (b) Ten or eleven men in the Moni Valley. The Moni is the western and larger branch of the Murua River beyond the first range of hills. This party has gone up the branch of
the Mansas that appeared to Messrs. Simpson and McCelland to give the best prospect. They have some native carriers and probably three or four months’ provisions. They may be able to prospect a part of the valley if the weather permits them to do so. Up to the present I have no information as to payable gold in the Muna or Mount Valley, but it is a country worth examining. (d) A small party of five or six men and ten horses have gone inland from Port Moresby, intending to reach the Upper Mambare if they can. No news has been received from them. They are traversing a district which a party from Port Moresby recently visited in an indirect way, under circumstances that appear to have been somewhat irregular, and which ended in the party being attacked, robbed, and driven back by the natives. The district has been subsequently visited by a magistrate, a government agent, and a force of constabulary, but the natives are probably still unsettled there, and may cause this last party of miners some trouble. I cannot send the constabulary to patrol that part of the country at this season. (d) A party of three men are said to have followed up the path recently cut across the main range from the Mambare to the Ywapa, and to have reached the top of Mount Scratchley. Nothing further has been heard of them. All these men have been warned against going inland at this season of the year, but they disregarded all advice in such things, and being free agents in the matter they take their own way. It will be a surprise to me if they all come back alive. To try to cross the main range at this season with native carriers would be very improper; but it is understood that the two parties that have gone inland from the south side have no engaged native carriers with them. Any others they may employ on the way will be nearly sure to desert before they suffer too much.

6. The wet season has set in late—about the middle of January—at Port Moresby. It is not therefore to be expected that prospectors can travel inland before the end of April.

7. A word of warning will not be out of place as to the stamp of men that should attempt prospecting in the interior here. It is a hopeless undertaking for old or sickly men at any season. Only young and healthy men should try it at any time. For a man that has no means at his disposal this prospecting is practically impossible. For the necessary outfit a man would require from £50 to £100, to be chiefly expended in provisions, carriers, and medicines. The magistrates will not engage native carriers to men that cannot guarantee the wages of the carriers; and the Government cannot furnish carriers to prospectors.

The knowledge at present in the possession of this Government does not justify any considerable additional outlay on its part in cutting new paths. Some are needed in any case for ordinary administrative purposes, but they cannot be started until the end of the rainy season.

I have, &c.,

WM. MACGREGOR.

His Excellency The Right Honourable Lord Lamington, K.C.M.G., Brisbane.

APPENDIX E.

DESPATCH REPORTING VISIT OF INSPECTION TOWARDS THE WESTERN DIVISION OF THE POSSESSION.

No. 23. Mambare River, 23rd April, 1897.

Mr. Lean,—I have the honour to report that I left Port Moresby in the s.s. “Merrie England” on the 8th February to proceed on a visit of inspection towards the Western division of the colony.

At Ballale we landed the Magistrate for the Central division, who was to visit the district officially, travelling along the coast from the Parrari towards Port Moresby. The lugger for the division was then on its way west to join him at Orokohe.

2. The Government Station at Dara was found to be in a satisfactory condition.

There was sufficient food growing there to feed the constabulary and the prisoners—half-a-score of the former, and some three dozen, at that time, of the latter. As a change of diet, rice is given to a small extent.

The principal work carried out lately at this station has been the building of a small wharf, which has already reached a length of some three hundred yards; when it has been extended a hundred yards further, boats will be able to go alongside at low-water tides. The first ninety yards is built of stone, the rest of red mangroves on strong posts of ti-tree, which latter is not attacked by the teredo.

The foreshore is mud-covered, and it has hitherto been always a matter of much difficulty to land at Dara at any time save at high tide. The structure is well built, and will be of great use.

A new and more elaborate prison is at present under construction at Dara.

All the leading chiefs of the district came to report themselves. They had, however, but little to relate, as there is nothing to report save ordinary offences.

The Resident Magistrate had some time before this visited several new tribes at some distance from the coast of Maladaman and Mawatta, and had everywhere been received in a friendly manner, while at each place he found that traces of the coast civilisation had preceded him. He saw large areas of good rolling prairie land apparently suitable for growing coconut-trees.

3. On the 18th February I proceeded as far as Warrior Island (Tutu), in order to begin therein an examination of the reefs between that point and Dara, to learn more precisely the extent of the fishing-grounds in that direction of our nearest coast tribes.

I was accompanied by leading men of the tribes interested. This examination, which takes much time and is in several ways not easy to accomplish, was not then completed; but it is now safe to say that a boundary between Queensland and this colony, starting from Bramble Cay to the Moon Pass in
the Warrior Island, and thence to the south of Turnagain and Deliverance Islands, so as to give these islands with Samoth (Dalrymple Island) and all north of the above line to this colony, would practically secure to our tribes their hereditary fishing-grounds.

This would leave Warrior Island not the dozen miles of the Warrior Reef between it and the Moon Pass to Queensland.

The Moon Pass seems to be approximately correctly placed on the Admiralty charts.

I understand that Your Excellency's Government is prepared to recommend the above boundary to the favourable consideration of the Secretary of State for the Colonies. As securing the fishing-grounds of the coast tribes of British New Guinea, it would be a greatly more equitable boundary than the present one, and I would therefore respectfully recommend its adoption.

At the same time, it is my duty to point out that it would still leave virtually the whole of the Torres Straits fisheries in the possession of Queensland, and this colony almost without any share in them.

As it was very desirable that a visit should be paid to the tribes of the Morehead so long as the wind remained favourable for traversing that very exposed part of the southern coast, a start was made on 28th February, when we proceeded as far as Salai.

Next day we camped at Biamba, the spot on the west bank of the Wasi Kussa, where we last year encountered the main body of the Tugeri.

We had with us several of the leading men of Mawatta, and also two men of the Wasi Kussa tribes selected from those then living at Boigu. The object of this was to make these men acquainted with the Morehead people, and to encourage the latter to enter into close relations with these settled, more eastern tribes between the Wasi Kussa and Daru.

On 1st March we camped on the west bank of the Morehead in a fairly good camping-ground, nearly a thousand yards from the mouth of the river. The Morehead was quite unknown to the Mawatta and Wasi natives that accompanied us, but they had a name for it.

On the 2nd and 3rd March we ascended the river, camping about half-a-mile above our old camp at Bungu, which was then completely under water, except about an acre of ground, the top of the ridge. We met two small canoes two score of miles below Bungu, the inmates of which were friendly.

There were no gardens on the river banks, and it was ascertained later that the Morehead people have not rebuilt their villages since they were burned down two years ago by the Bugis.

On the 4th a few natives came to our camp in the morning, and before night we were visited by some four-score men. They came without weapons and nearly empty-handed, for they had very little food for themselves.

They reported that the Tugeri, after their defeat on the Wasi Kussa last year, did not stop at the Morehead on their return journey. The Morehead people knew of the reverses of the Tugeri from seeing some of their skeletons on their road.

On the 5th I went up the river to a spot about eight miles above Bungu, where it was said a semi-permanent camp or station could if necessary be formed. The place was found suitable, being about four feet above the surface of the then flooded river.

As the Wasi natives could converse a little with the Morehead people, it was proposed to the latter that they should all assemble together and build a strong village, that the Government should station half-a-dozen constabulary there, and that they should invite the Rev. James Chalmers to establish a mission station on the Morehead. There were four chiefs present, and these and their principal men readily entertained these proposals. They seemed then rather inclined to build on their ancient sites on the coast.

It was also arranged that two young men should accompany us to Daru, to become acquainted with our coast tribes. This they did. The Rev. James Chalmers has promised to comply with their request, and to place two teachers on the Morehead. The Resident Magistrate has been directed to enlist six extra men to be stationed on the Morehead.

In choosing the time to do this, and in selecting the site that may finally be settled on, he will act in conjunction with Mr. Chalmers.

If this arrangement is successfully carried out, it will in a very short time add the Morehead to our settled districts in the west, the time for which seems to me to be now ripe.

From additional astronomical observations and other topographical notes made during this inspection, it will be possible to prepare a more correct delineation of the coast line from Boigu to the Morehead than any we now possess.

A halt was made at Boigu on the return journey on the 8th March. There I received a pencil-note that had been left at that place to inform me of the murder of Mr. Green and a number of others on the Mambare River.

There were resident at Boigu at that date fifty-four natives of British New Guinea made up of twenty-six men, fifteen women, and thirteen children. It was arranged with them that they should build a village in their own district next June.

They have already planted gardens near its intended site.

At Boigu they were eating the seeds and shoots of mangoes, and were in their usual condition of semi-savage.

A man named Artsati, the head of too Bugi, was appointed chief of those then living at Boigu.

The resident teacher had caused his church and school to be put in better condition, and was giving more attention to his duties formerly, and from this the Papuans were to some extent profiting. On the 11th the Hon. John Douglas arrived at Daru, having most kindly come over in the "Albion's" steamer, bringing me fuller and clearer information in regard to the Mambare massacre.

I learned at the same time that the s.s. "Merrie England" would probably leave Brisbane for Port Moresby soon after the 17th. Mr. Douglas did not think that the "Albion's" was in a fit condition to do the journey across the Gulf to Port Moresby. I therefore decided to travel along the coast with the river launch, which would be of great use on the north-east coast if it were possible to get her so far at this time of the year.
6. We left Daru, for Port Moresby on the morning of the 13th with the steam launch and two whaleboats, and arrived at Sagana the same afternoon, where we spent the next day (Sunday) with the Rev. James Chalmers. A very good house has been built at the Mission station. Nearly thirty boys and girls live about the establishment, and attend school with tolerable regularity under a little wholesome pressure judiciously exercised by the chief, who is also village constable.

On our arrival most of the people were absent making sago. On the Sabbath nearly 100 persons were present at Divine service. They begin to sing fairly well. The service was conducted entirely in English, partly in the Kiana language. After service I was present at the ordinary school lessons. The small children chanted the alphabet. Then they all went over their numbers in English up to 100; they can count in this language up to 1,000. The next lesson was on the English names of common things, in which they were evidently making good progress. They went over the outlines of the geography of the world, more particularly that of Australia, and part of British New Guinea. They read in English words up to four letters, they know several English hymns, and repeated the Lord’s Prayer in that language. A certain amount of drill is taught for the sake of order. They concluded by singing “God Save the Queen” in good English. It was very manifest that Mr. Chalmers has met with encouraging results during the time he has been living at Sagana. The mission is really an English one, and it is amongst natives that desire to adopt the ways of white men. The nature of this district is such that they cannot live comfortably at home, but are practically forced to go out to work in considerable numbers.

A knowledge of English will therefore be to them of special value. It is an undoubted fact that if this mission is conducted permanently on its present lines, it will be invaluable to the people of the Fly Estuary from more than one point of view, as much in their economic as in their religious life.

Somewhat to our dismay a very strong south-east wind blew all day on the 14th, accompanied with a heavy sea, under which travelling along a completely open and exposed coast would in our frail crafts have been impossible.

On the morning of the 15th twenty-three men out of a large number of aspirants were enrolled at Sagana in the armed constabulary. The schooner of the London Missionary Society had been kindly lent to the Government Secretary to bring me duplicates despatches concerning the Manusara occurrences, and these recruits were opportunely and conveniently embarked at Sagana on this vessel for Port Moresby.

On the 16th we had to ascend the Runi River some half-score of miles to obtain fresh water. A few scattered natives on the banks made friendly signs to us as we passed, inviting us to land but time did not permit of this. The same night we camped on the Garu, and next day reached the passage at Risk Point by midday. Several scores of canoes came out to meet us, offering bows and arrows for sale, but as the weather was favourable we continued on our way, merely presenting a tomahawk to one of the men of Amo at the east end of the passage, a village that has always been friendly disposed. We passed outside of Cape Blackwood, camped at night in the Pain Estuary, and reached Orokola next afternoon.

We found that the Resident Magistrate had recently visited the district and attended to all current matters requiring his attention.

Nothing worthy of notice occurred till we reached Port Moresby on the 22nd March, with the steam launch safe and in good condition.

I have, &c.,

WM. MACGREGOR.

His Excellency The Right Honourable Lord Lamington, K.C.M.G., &c.

APPENDIX G.

REPORTING ASCENT OF MANUARIE RIVER, AND ACTION TAKEN TO DISCOVER ACTUAL PERPETRATORS OF MURDERS AT PEU, GADARA, &C.

No. 34.]

Manuari River, 29th April, 1897.

My Lord,—I have the honour to report that I left Samari on the 10th April, in the s.s. “Merris England,” to proceed to the Manuari River.

The same day the launch “Ruby” left Samari for the North-east coast.

The night was spent at Cape Vogel. There I was visited by the three principal men of the district, who reported all quiet and satisfactory.

Next day a native came out to meet us off Cape Nelson, and as it was thought that it might contain some carriers escaped from the Manuari, the steamer was stopped to allow them to communicate; but at the last moment their courage failed them, and they would not approach to the steamer. We reached the harbour of Portlock on the 11th.

Soon afterwards a native came on board, a friend or relation of the wounded man returned to the Trafalgar tribes after their camped mid on the Musa some two years ago. He was not in the least suspicious. He had seen no refugees.

During the night of the 12th-13th, Mr. Moreton arrived from the Manuari, and boarded the “Merris England” in Portlock Harbour.

When at the Mosquito Islands, on the morning of the 11th February, Mr. Moreton was found by the Rev. J. A. Reynolds, of the Anglican Mission, who had crossed Goodenough Bay during the night in very bad weather in a whaleboat, to inform Mr. Moreton of the murders on the Manuari.

Mr. Moreton reached Samari early in the 13th, and left it on the 10th for the Manuari by way of Doba, where he went to engage some extra native boys to accompany him. He also employed Mr. Elliott, who, as a miner, had worked on the Manuari.

He reached the mouth of the Manuari on the 10th March, arriving at the site of the former Government station. The Tamata junction, on the 14th. It was said that everything had been burnt to the ground there; but the framework of the new house on the Tamata was untouched.
On the way up the river an escaped carrier, a native of Fergusonson Island, was brought to Mr. Moroet on by Toya, chief of the little village of Yeva.

Mr. Moroet's object was to wait at the station for the arrival there of the three miners left on the Upper Mambara—Schmitz, Ryan, and Burns. He remained at the station till the 31st March and then left, having concluded that the three men must have gone overrun to Port Moresby.

2. Whilst in camp at Tamata Junction Mr. Moroet's party was fired at from across the Mambara, there being 200 yards wide, by natives armed with Winchester rifles. In descending the river they were fired upon at the village of Peu, and then again at the village of Gadaru.

It appears that one man was killed at Peu by the return fire of Mr. Moroet's party. Unfortunately, the man left by Mr. Moroet at the mouth of the Mambara carelessly allowed the natives of that place to rob them of another Snider rifle. They allowed two of the boys ashore in the dingy of the schooner "Siai," then seized the one rifle in the dingy while amusing the boys with sugar-cane, &c., and held one of the boys and the dingy. The native conscience to some extent made up for his gross carelessness and disobedience of orders in letting the dingy get ashore, by swimming to the beach with one other boy, pushing before them their rifles tied to an empty cask.

They thus recovered the dingy, which was already damaged, but the rifle was gone.

3. On the 15th April we began the ascent of the Mambara.

In the bay, at its mouth, was several natives loitering about the beach. They were timid, but did not decline communication, and sold some food to some of our men.

The Gadaru villages were unoccupied, but there were several people about them, and a few apparently at work in the gardens. Those about the houses seized their bundles and fled on seeing us. Some of those in the gardens came to the bank and shouted "Oorikiver" after we had passed some distance.

There was no one visible in the village of Peu as we passed, but half-a-dozen men appeared on the bank at the river near the houses when we had ascended about half-a-mile further. They did not shout to us.

The next village, Manata, was occupied, and several of the people, both men and women, came to the bank and saluted us as we steamed up the river in front of the village. At Pinung two women were captured, but all attempts to obtain any information from them completely failed.

Unfortunately, one of our men lost his way in the forest near Pinung, and by firing off his rifle alarmed the villages higher up the river. At the little village of Yeva we found three sheets of corrugated iron, a shovel, and other articles of European property. The chief, Toya, kept, however, out of sight.

In Pinung there were none of these articles of plunder.

On reaching the village of Umi we dashed at once from the village on the bank to those about a mile and a-half in front, but the natives had probably heard the shots fired by the boy at Pinung, and fled, leaving a pot still boiling on the fire.

There we found candles, shovels, a pick, a hammer, and many other articles, but no person was seen.

The same night the river rose over the bank and flooded our camp at the old station.

On the 17th a visit was paid to the new station.

The frame of the house was unfinished, and nearly three dozen sheets of corrugated iron lay near it. The place had been visited two or three days before by a small party of natives, who had made fire by friction, had passed the night there, weedcd some of the gardens, and planted some additional taro. Manifestly it was to become the home of certain natives. In the afteroon the small launch went up the Mambara some half-dozen miles above the station, and found some new villages in course of erection.

In one there was a house covered with galvanized iron. The natives were surprised, and had to run and leave much of their property behind, including a bag containing 180 Winchester, 46 revolver, 14 Martini-Henry, and 6 Snider cartridges, in all 240 rounds of ammunition, the whole of which was in good condition. They had also a box containing about 100 lb. of nails in the original package. The same day a search was made for any native settlement on the right bank of the river opposite the station; but no habitable houses were found, and no person was seen there. It was now quite plain that the natives were avoiding all meeting with the constabulary, and were already in hiding from us.

4. Early in the morning of the 18th the natives fired some three or four shots somewhere not far from Umi village, too far away to be directed at our camp. The Commandant, with two Europeans and thirty constables, was sent to patrol the Tamata district under definite instructions.

The next day we examined the Mambara River up to the island above the station. Near the island a small village had recently been built, and one house was covered by galvanized iron fixed on as a roof. Many plundered articles were found there, but the occupants had fled.

On the 19th we ascended the Tamata River about four and a-half miles by boat, to try and meet the party sent out the previous day under the Commandant.

Touc'h with them was effected about midday. On the Tamata, as far as we could go by boat, there was no settlement.

The Commandant's party visited a number of villages in the Tamata upper district.

In the village of Depus they found Mr. Green's adze, which the natives, taken by surprise, had not time to carry off, and a dozen sheets of corrugated iron.

Near this place they captured two women and two little girls, one of the women apparently the wife of a Tamata man in the constabulary and stationed at present at Samarin.

On the way back we buried the bones of a man, an adult native, that had been killed at about 150 yards from the new station by a blow on the head by a club or some other blunt instrument.

He appeared to be dead at least two or three months.

5. On the 20th the Commandant with thirty men and two Europeans was sent to search the district of the Mambara as high as the confluent named the Green.

They there were to leave a note in a bottle to intimate to the miners on the Upper Mambara, should they descend that way, that the station at the Tamata junction is occupied.

It was found that no settlement had been made by the natives at Clarke Fort, on the Mambara, but they had been camped at two places in "the bush" not far from that.
At one place the remains of trousers of molokini, kangaroos, and haki, cotton drawers, a blucher, and an ordinary boot. In the pocket of one trouser was a small bottle containing some antifebite tabletts of the make of Burroughs, Welcome, and Co., but there was nothing by which the original ownership of these articles could be determined. On the right bank of the river two or three men of the constabulary met a small party of natives travelling down the river from the upper villages, that were then being searched. At first they made some show of making a stand with their spears, but they fled when fired upon, and all got away. An elderly woman was unfortunately accidentally shot on this reconnaissance.

On the 22nd two Europeans were left at the Tamata junction with ten natives to keep possession till the rest of the party visited the other villages between the station and the sea.

One boat was sent on direct to Punning village. They found no one there, nor on proceeding thence two or three miles inland.

They then crossed the river and captured a warrior of the Apochi tribe, who was said to have had a part in the recent disturbances. The rest of the party stopped at the village of Apochi on the bank of the river.

This place has been practically deserted for nearly a year. The paths were followed up, and it was found that they have built a new village at the foot of a little hill some two or three miles from the old village, and perhaps a couple of miles from the river.

The men laid before the constabulary found the village. They secured a woman, who gave the names of the principal murderers, declaring that the Apochi tribe had kept aloof from the attack on Mr. Green. There were, however, in Apochi some heads of own tribe which could have come only from the station. It may be, however, that Apochi was not implicated as a tribe, and it may therefore be possible to make friends with them soon. At Manatu a number of people remained on the bank. A brief landing was made, and they were told that we should have peace with them. A hurried descent was made on Peu, but the men of the village escaped, and only two women were taken. In the village were found two cartridges. Remain in Europeo clothing and many other articles were obtained from this village, but nearly everything of any value had been carried off, and the people had been living in the bush.

Next day the constabulary were sent out in two parties, one on each side of the river.

These in the right bank met a small party of warriors who attacked them with spears and tomahawks; one of them was shot dead, on which the others fled precipitately.

The surgeon (Mr. Mereden) was sent back to Manatu to confirm that tribe in our peaceful intentions towards them.

This succeeded, and three of their young men came to Peu and loved with us there as long as we remained at that place. From these men, and from three Peu women captured by the constabulary, the names of the actual Peu murderers were obtained.

Search was continued in the vicinity of Peu on the forenoon of the 24th on both sides of the river, but without any result beyond learning where were the paths and gardens belonging to the tribe.

In the afternoon a descent was made on the village of Gadar, but no man was found there. In some houses there were a few Winchester and Snider cartridges and some other plundered articles.

In each of the two villages a dozen men were left, but they did not succeed in arresting any of the men wanted by them.

On the 25th half the men were removed to the mouth of the Mandabe, to search the native settlement that lies inland from the anchorage about a couple of miles, while the other half remained at Gadar.

7. At first it seemed in the absence of an interpreter an almost hopeless matter to find out the names of those that were the actual murderers at the Government Station at Peu and at Gadar.

That, however, seems to be now fairly accurately ascertained.

There are at least eight natives armed with rifles, one of them possessing two; and it seems that they have plenty of ammunition.

It is quite possible that they have thirteen or fourteen rifles altogether, but some are probably already damaged.

It is quite clear that they know how to shoot.

As far as can be gathered at present, the first murderers were those of one of or two miners and their carries at Peu.

These murderers, and those committed at Gadar or at the mouth of the Mandabe, are said by the natives to have been instigated by Busimawa, chief of Gadar, who, however, did not actually assist in them.

The murderers committed below seem to have suggested the idea of the murder of Mr. Green and others at the Government Station.

Those latter were planned by a native of the village of Umi called Ambuampia, who assembled the Tamata and Umi men for that purpose.

The man Dunn, a native of the Tamata, originally arrested as a prisoner, subsequently a private murderer, and finally a member of the constabulary selected by Mr. Green to accompany him to his station, does not appear to have taken any part in the attack on Mr. Green; but he was evidently unable to resist the popular pressing importunities, probably those of his countrymen, and he seems to have let matters take their course without warning Mr. Green, and certainly without doing anything in his defence.

He is now a deserter from the constabulary, and is said to be one of those that carry a rifle.

The arrest of the actual murderers will take much time and cause a great deal of trouble.

Not a little time and patience is required to detach the tribes not directly implicated in the murders.

All have doubtless received some part of the plunder from the leaders of the aggressors, simply to establish a common solidarity among all the tribes in the Lower Mandabe.

Men of the tribe at Gadar that only indirectly implicated are separated from the others; if I will then be still more difficult to separate the actual murderers from the rest of their own tribe.

It is not now likely that they will meet the constabulary in open resistance unless they very greatly outnumber the latter.

The river may now be traversed by any party on its guard.
8. As it is not known whether miners will be travelling on the Manihere in future, it is not possible to determine at present whether to rebuild the Government Station on the river or not.

Clearly the river must be occupied till the actual murderers, or some of them, are arrested; but that done there would be no object in maintaining a station on the Manihere except for the safety and convenience of miners, for there is no other trade exercised in the district.

As soon as this temporary building is put up the constabulary will then spend some time on the river until the natives are thoroughly intimidated and more arrests are made, on which I shall fix the approximate boundary at a few points on the Grim watershed, a district from which we have had much trouble, probably entirely from tribes settled on British territory.

I hope to then visit the tribes on the British side of the boundary.

Then I wish to inspect the Ope, Kunuki, and Mosu Rivers, to obviate any evil impressions on the minds of the natives there which may have been produced by the numerous murders on the Manihere.

I shall thus in all probability be detained on the North-east coast at least to the end of May.

9. The following is the list of the murderers on the Manihere, according to information obtained from natives and from others, but by weak interpretation:

(a) Five European miners, names uncertain, killed by natives of Pu and Gadara from the 7th to 12th January, 1867, between Pu and the coast.
(b) John Green, Resident Magistrate; Nela, corporal; armed constabulary; Gawai, armed constabulary; Joes, armed constabulary; Kerr, cook; Gustiomi, Yaro, Duoro, prisoners; killed at Tanata junction on the 14th January, 1867.

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Native Carriers Missing since 7th January, 1867.

It seems to be almost certain that the bodies of all the Europeans, including that of Mr. Green, were thrown into the river; but it would appear that some at least of the native carriers were eaten, but even this is not fully established.

To secure plunder would seem to have been the principal motive of the murderers; but it is very clear that these natives are more warlike, pugnacious, and cunning than any we have had to deal with hitherto.

It would be difficult to exaggerate the immense loss caused to the service by the violent death of Mr. Green.

He was an officer in whom I placed complete trust and confidence, and to whom I anticipated a bright career.

He was a man of unqualified bravery and of more than average mental endowments, while he possessed in a remarkable degree the invaluable quality of perseverance.

He was in warm sympathy with native work, and took a real personal interest in the pacification and elevation of these tribes.

His entirely end is probably attributable to his genuinely kind and sympathetic feelings towards the natives, which led him to trust them too far in the effort to infuse into them trust and confidence in himself. I have no means of adequately supplying his place.

I also very deeply regret the death of Corporal Nela, a native of Tururur; and the best man in the armed constabulary. This Government never had a more faithful, more courageous, or more trustworthy servant than this native corporal.

He was one of the two constables that only a few months ago accompanied me across the island.

He was much attached to Mr. Green, and lately volunteered to return with the latter to the Taunata station as corporal in charge.

11. The following are the latest events up to the date of writing this: On the 26th the constabulary searched the district near the anchorage at the mouth of the Manihere, where several murders have been committed. In the forenoon they arrested two men, one of them a son of the chief Busimia.

The chief himself is said to have received a bullet wound in the shoulder or arm, but he managed to get away. In the afternoon another man was arrested. They were all armed, and offered combat.

The same day the party of constables left at Gadara encountered some natives, where one of the constables had a narrow escape. He allowed a native to throw his spear at him before firing on him; fortunately he edged it, and instantly shot his assailant dead.

They returned to camp from Gadara on the 27th without having made any arrest. The natives have all left the Gadara district, and are now at large in the forest.

In two days I hope to again ascend the river to the Taunata junction.

W. MACGREGOR.

His Excellency The Right Honourable Lord Lamington, K.C.M.G., &c.
APPENDIX H.

No. 42.]

Samnar, 1st July, 1897.

M Y LORD.—In continuation of my Despatch No. 34, 28th April last, I have the honour to further report as follows:—On the morning of the 29th April the s.s. "Merrie England" left the mouth of the Mambaré under instructions to proceed by way of Samnar to Port Morely, and thence to take the Chief Judicial Officer to Daru, where a number of prisoners were awaiting trial; after this the steamer was to go to Cooktown for general stores, and then to return to Mambaré Bay. By the steamer there were sent to prison at Samnar four men of the Mambaré district implicated in the recent murders there, and two women and two little girls from the Tamata district. These women were voluntarily to Samnar, being related to the Tamata man who acts there as a police warden.

On the 30th I went up the Mambaré River with the steam launch; we took up some miners with their stores and native carriers. The lower villages on the Mambaré were completely deserted, and no natives were to be seen near them.

We had to camp about two miles below Pau. Next morning the constabulary were landed a mile below Pau, with the object of approaching that village from the bush behind, to surprise any natives that might be there. There were, perhaps, half-a-score of people about the place, but they crossed the river in three canoes about half-a-mile in front of us, and, abandoning nearly all their baggage, they fled into the forest on the south side of the river. The Mambaré tribe was friendly as usual, and five of them accompanied us up the river to the Tamata station. The village of Yeuva was deserted, but we shouted for the chief, who answered us from the bush on the other side of the river. A shirt and cloth were left for him in the village.

He crossed the river at once, by swimming, to take possession of these articles, and since that time he and all his people have lived unmolested in their homes. The chief was the first native to give definite information as to the murders on the Mambaré.

The river was so low that the launch grounded above the village of Pinung, but as the water rose during the night the launch was able to reach the Tamata next morning. No natives were observed between Yeuva and the Tamata.

Two Europeans, engaged temporarily, had been left at the camp in charge of the constabulary. They had not seen nor with one exception had they heard, any natives; but they had gone nowhere, and they had not sent out any patrols. Nothing had been done at the station during my absence.

All were in good health.

On the 2nd May the steam launch was sent down to the mouth of the Mambaré, taking Mr. Elliott to take charge temporarily of the station at the mouth of the river and to finish the houses there, a task which he carried out creditably.

On the same day two patrols were sent out in different directions.

On the 3rd we examined the low country that lies between the Tamata and the Mambaré, but found there no trace or tracks of any natives. This party went out on the following day, and, with a similar negative result searched the right side of the Mambaré as far down as the village of Pinung, showing that the natives had abandoned that part of the country. The other party sent out on the 2nd divided into two patrols, one of which crossed the Tamata district, seeing nothing save the tracks of three natives.

This party returned to camp on the evening of the second day. The other division, under the Acting Commandant, proceeded inland from the village of Umi. They went as far as some villages on the right side of the Gira River, the names of which the Commandant did not learn, where they found the proof of occupation by Mr. Green, cartridges, some spears, and other European articles.

They made no prisoners, but heard that Dumai was at Kamusi, which the Acting Commandant supposed to mean the Kamusi River, to which it appears there is no road from the Upper Mambaré.

This party returned to camp on the evening of the 4th. In the meantime it was decided to have the old station site, and the point where the Tamata with the Mambaré, on account of the numerous nooks which cover the whole point sometimes with several feet of water.

The formation of a new station was proceeded with at the site Mr. Green had already begun to prepare on the Tamata, on ground that no river flood can reach. The constabulary were now set to work to clear ground round the new station—not a light task, as the trees are large and the forest thick.

On the 6th the Acting Commandant was sent down the river with sixteen constables to the village of Peu, which he was to occupy and operate from as a centre in searching that part of the country.

The expedition had no result, although six days were expended over it.

It appears the weather was not favourable in the Peu district, and little or no travelling was done.

2. On the 12th April I returned to the mouth of the Mambaré, leaving at the station the Acting Commandant and another European, with twenty-four constables.

The Commandant was instructed to start after a few days for the villages he had already visited on the Gira watershed. He had a plan for surprising the villages. It was to surround them at night and come to close quarters with the occupants at daylight. He was directed to take twenty men with him on this expedition.

On the 13th a regrettable instance occurred as the steam launch was transporting some miners and their belongings up the river. After passing the village of Pinung a few natives, said to be unarmed, were seen at a place where there are two or three houses on the bank. Inconsiderately they were fired upon and driven off; but it seems that fortunately no one was hit. Mr. Henchcliffe was instructed to see that unarmed natives were not molested in future.
On the 6th and 7th Mr. Cameron and myself completed a traverse of the coast from the mouth of the Manabare to the mouth of the Gina River.

It was found that at present there are no gardens on that part of the coast.

It appeared that the natives concerned were prepared to concour to us the coast for about a mile from the station, so as they had three up boundary marks, and had built for themselves some huts on the farther side of this line. Our task, however, would not allow us to respect this position, at that time at least.

On the 10th a corporal arrived at the mouth of the river with a party of constabulary in pursuit of half a score of native carriers that belonged to one of the mining parties that had gone up the river. These carriers had stolen a boat and fled with it at night down the river. The steam launch was sent out promptly to search the coast for them. The search party could see no trace of them and returned to the station, passing on the way, off Mike Rock, the vessel that had brought these same carriers from Simani to the mouth of the river. The searchers were then actually on board the vessel in question; but as they had landed the boat on board by which they had affected their escape, as Mr. Hinchcliffe did not suppose that the vessel had bezt brought them up the coast would deliberately take them back again while a fresh breeze blowing was fair for the mouth of the Mambare, he did not think it worth the trouble to board this craft.

Their vessel was wrecked further down the coast, but apparently without any loss of life.

3. As much difficulty had arisen from our ignorance of the course of the river which enters the sea a little on the German side of the boundary, and as there was good reason for believing that it speedily entered British territory, it was decided to ascend this river for the purpose of making a traverse of its course. This was now the more desirable because, Mr. Cameron and myself had, after not a little trouble, with sufficient accuracy for all practical purposes ascertainment the geographical position of the station at the mouth of the Mambare.

The boundary river has been named lithoioho "Inohe" when referred to by me.

Its real name, however, is Gira. The natives that live on it call it Gira, and so do the natives of the Mambare. It will therefore be known to us in future by that appellation.

We left the station at Manabare mouth on the 18th. There is at present a bar at the mouth of the Gira, which boats cannot pass when there is much wind or a heavy swell from the south-east. We landed the instruments for astronomical observations, and many other articles, in the bay, and carried them three or four miles round the beach to the mouth of the Gira, thus sending the boats nearly empty. The weather being not unfavourable on that day, the boats passed the bar without difficulty.

A canoe with five or six men was seen on the Gira, a quarter of a mile from the sea, but they refused to communicate and retired up the river. We camped at the mouth for the night.

In our party we had sixteen native constabulary or volunteers in two whaleboats. As we started up the river on the 10th, two canoes with a number of men retreated before we up stream, watching us, but declined going any further. When, after a mile or two, they saw that we were really ascending the Gira, they blew their conch-shells and were answered by others further up the river.

The first three or four miles of the Gira runs through land that is low, swampy, and useless. There the current on the river is from one to two knots, and it contains only a few snags.

Just above that, however, the current becomes faster, and snags more numerous, to diminish again in number after two or three miles.

Some four miles from the sea there is an old village site, on which are a number of small fishing huts, and there were then some canoes, but no people there. The latter were in the bush blowing their conch-shells.

At some half-dozen miles from the sea there is a small hill, on the left bank on which is built a village called Tetu, consisting of a score of wretched houses. The occupants had fled.

The river is clearly in British territory, and are all huts at present on the Gira between that and the mouth of the river, those at the latter spot being, of course, in German jurisdiction.

The mouth of the river is undoubtedly on the German side, the boundary of this part of the colony being the 6th degree of south latitude. But before the river has gone a mile it crosses the boundary to the British side; but a couple of miles further up a small bay of it seems to run into German territory, after which it makes a general south-west course, and soon leaves the boundary many miles to the north of it, being some fifteen geographical miles inside the British colony at the highest point visited.

The villagers of Tetu had probably excellent reasons for their distant reserve. They had stolen a rifle, blankets, belts, and other articles from the constabulary some time ago near the mouth of the Gira, and they were suspected of being concerned in other thefts and robberies committed in Manabare Bay. Just above Tetu there is a native settlement on the first high ground on the right bank. These entered at once into friendly intercourse. They called their place Kotou.

We camped for the night some seven miles from the mouth of the river, in a taro garden, where we were visited by about two score of men, who appeared to be friendly.

From the first the natives on the Gira were put on their good behaviour. A fishing-line was put round our camp, inside of which were all not allowed to enter; and no one was permitted to remain in sight with weapons in his hand. It would be highly advisable for future travellers on the Gira to adopt the same plan, to which the tribes there are now accustomed. At night the geographical position of the camp was obtained to facilitate the plotting of the river's course.

The country passed through on the second day was very attractive. The river banks are generally above flood mark, and the soil is very fertile. There are many small hills near the river, and not a few villages.

We camped on that day some dozen miles from the sea. Many natives accompanied us all day. They sing, dance, and about "Orokaiva" with a persistence that becomes irksome.

Some carried weapons, and all were very friendly.

There seems to be but one language in use on the Gira, and that one is practically the same as the Mambare language.
The men wear the T-cloth, of native manufacture. All the women we saw, probably married women, wore a cloth, but very unperceptive it is in its Irving, tight, undraped form, compared to the very becoming ordinary grass petticoat of the south coast. The men wear the yorobrous, but not the head. Kingworm is common, and worn by bards and elephants are not unknown. The majority of the men are, however, strong and well built.

In manner, customs, and disposition they are to be classed with the natives of the Manbore.

On the third day we ascended another five miles, past many small villages, the country presenting the same zebra-like characteristics, but the river current becoming stronger.

It could then be seen that in point of size the Gira is a little smaller than the Angabunga in the Mekoo district, decidedly smaller than the Manbore, Kumui, or Masa.

The banks of the river became perhaps still more inviting higher up the river, with numerous gardens, villages, and people. The Gira is the most populous and certainly by far the most pleasant of our north-east coast rivers.

On the third day it was ascertained that many of the Manbore natives had been on the Gira, but it was supposed they had descended on hearing of our approach.

I asked in vain for a village of the same name given by the Acting Commandant to the settlement visited by him on the Gira watershed.

No one had ever heard of it. The name of the river had been mistaken for the name of the village.

On Saturday, the 22nd May, we camped some two dozen miles from the sea, about half-a-mile above Mopi village, which turned out to be the highest seen by us.

Here we spent Sunday.

At first the people of the district were timid and shy, but, reassured by others that had accompanied us for two or three days up the river, they brought us plenty of taro for sale.

From what transpired later, there can be but little doubt that the reason for their shyness was the presence of many of the Manbore men among them. It was impossible for anyone possessing even very slight knowledge of the Kiwai and Turi-turi language in the west to not observe that place names on the Gira are frequently common words in constant use in the west—for example, Wele, a village name on the Gira, means "good" at Kiwai; Diwea, another Gira village name, signifies "cassowary" in the east; and Oronia, also a village name, is the western word for "river," and so on.

It would not be safe, under our present limited knowledge, to try to account for this striking fact.

The Fly Estuary does not resemble the Gira in disposition, in feature, nor in the shape and size of the head.

Their bears are different; their horses have no resemblance to each other.

In colour of the skin it is, however, sometimes not easy to see any distinct shade of difference between a Gira man and a Fly River man sitting side by side.

The food they brought us for sale consisted chiefly of taro, cassowary, and sugar-cane. When we first visited the north-east coast rivers, they had no tobacco, and did not seem to know it. Tobacco appears to be grown now in every village, and so is maize; cotton-tashees are to be found in the gardens on the Upper Gira. It bears fairly well, although uncultivated.

It is not easy to believe that it is not indigenous.

It grows side by side with the Piper melastomum, the use of which is unknown in this part of the country.

There is sugar on the Gira, but the staple food is taro.

The different villages seen to be on speaking terms with each other, at least in our presence, for the men of different tribes did not hesitate to pass from one village to another with us for two or three days.

It was very well understood on the Gira that the Mamu tribe of the Manbore were friendly to the Government. Wherever there was a Mamu man on the Gira he promptly came forward and presented himself as such; but no one announced himself to be an Umi man.

On the 22nd, trials were made for the first time of the river shallop for traces of gold. These were bound to be present in favourable spots in a greater degree than had been noticed in any of the other rivers.

The absence of gold was no surprise, as it appeared clear enough already that the Gira would yield no larger returns than the great mountains of Albert Edward.

Sunday, the 23rd, was spent in the camp just above Mopi, not far from a cone-shaped hill 800 to 900 feet high, which stands on the right side of the river, is named Kewi, and is a good land-mark. We were visited during the day by the chief man of Mopi, who brought us much food, chiefly excellent taro. Next day two canoes accompanied us up the river to mid-day, when we fairly entered among hills.

The natives assisted us up the rapids.

These hills are generally of sandstone, but there are occasional conglomerates.

The hills passed through by us reached an altitude of probably near 2,000 feet, but generally they are considerably lower than that.

They are extremely steep, frequently projecting great overhanging cliffs into the edge of the river.

The river there is an endless succession of rapids and deep pools.

It was not very difficult to tow the boat up the rapids with a rope sufficiently long; but two or three long and crooked rapids, in which the boat has to be taken across the stream from one side to the other, may be very serious obstacles in the way of a weak and inexperienced crew.

On the 26th we reached the mouth of an affluent some 50 yards wide coming into the Gira from the south-east side. Some quarter of a mile above this there is a rapid in the river that appeared to be impassable to the boat in the then condition of the river. The second boat had already been left behind on account of the risk that would be incurred were it brought further. This highest camp is in latitude 8 degrees 15 minutes 20 seconds and longitude 147 degrees 44 minutes 24 seconds, and is by the river course thirty-eight statute miles from the sea. For half-a-score of miles below this there is next to perfect land on the river.
Travelling overland among those hills near to the river would, if possible at all, be very difficult. The easiest way of proceeding further would be to use canoes or skiffs so light that they could be carried past the rapids.

There does not seem to be any native occupation in the hills; they are too steep to be of any use for agricultural purposes.

During the night from the 22nd to the 27th there was much rain, and in the morning the river had risen to such a degree that it threatened our camp, which was then only a day's journey from the coast. We were forced to leave the coast for the hills.

The boat arrived there two days later. During my absence the steam launch had taken another party of miners up the Mambare; and Mr. Hinchliffe reported that the Acting Commandant had again visited the village formerly searched by him on the Gira watershed. He had made four prisoners, but two of them had escaped, each with two pairs of handcuffs on his person.

This they managed to effect, though chained to a house-post, by the simple expedient of building a fire under the earth at the foot of the post and slipping the irons under it while the sentry slept.

But the most unsatisfactory news was that the Commandant's party withdrew as soon as they had crossed a hill on the coast, and then recrossed into the river. While they were there the natives became so angry that they threatened to attack our small party with spears and clubs, and the Acting Commandant was forced to retreat.

On the 28th Jno. 1 began accordingly to go up the river. We were no natives until we reached the friendly village of Munabi, where a man joined himself to our party, and remained with us till I left the district. No natives were seen between Yevu and the station. The Acting Commandant was ill of fever, from which he appeared to have suffered a great deal. He did not speak favourably of the country, or of the native character.

He confirmed the report that the natives had followed them some miles along the return journey, but that the police were not able to prevent them from attacking the party. The Acting Commandant was too sick to accompany me, so that I had no European with me except Mr. Elliott, a miner.

Three lbs. of rice and 2-1/2 lbs. of meat were served out to each man.

We went by boat as far as Apocho village, and then turned inland in a direction that would lead us to about the centre part of the Gira River.

After about three miles along a path newly cleared of undergrowth, and which crossed low flat ground, we reached two villages on little hills, some 50 or 60 feet high, on Apocho Creek. The huts were all unoccupied, but there were good two gardens near them.

There we had lunch. As I was ill of fever when we started, and as the path was bad on account of the heavy rain that had fallen recently, we camped about four miles beyond the two empty villages. As I was too ill to be able to reach our destination next day, I sent the sergeant ahead at mid-day with all the canoes except four, in order to bring back the rest at a slower pace. The road all day was over ground consisting uniformly of a ridge and a swamp. The swamp was sometimes not easy to cross; but in the afternoon we came to a part of the country where bamboo grew about 1 to 1-1/2 inches in diameter grow into dense thickets. The natives had cut down large trees across the path and blocked the whole by masses of this bamboo, so that it was not easy, by climbing, creeping, and crawling, to get past some sides or two of these obstructions.

I was unable, on account of fever, to reach the villages on the 8th, and had to camp in the forest again and resume the journey next morning. At many places the natives had taken advantage of the presence of large quantities of "live" cane, of the most thorny sort, to block the path with these. On the 9th I reached the villages before noon. The whole of the country between the Apocho villages and the Gira consists of ridges separated by narrow swamps. The soil is poor and seldom adapted for agriculture.

The special characteristic of the forest is a great abundance of small palms, and the small bamboo mentioned above. The hills we crossed just before arriving at the villages are of conglomeratic, but there is some quartz in the creeks. It was found that the large village was not occupied when the Constabulary arrived there, but there were people in the gardens, who fled and swam across the river.

In the afternoon Mr. Elliott went out with a patrol party, which succeeded in capturing one of the prisoners that had escaped from the Commandant, with a woman and a little girl. It was a little surprise to find that we were in the village, and that the Gira River was only a quarter of a mile from us. Had the Acting Commandant found out either of those facts during his two previous visits to this village, I should have adopted a totally different plan of operations, although...
it is possible that the course actually followed produced a more profound impression on the natives of the river than any other could have done. On finding out where we actually were, I sent three constables back to the Tamata station, where the steam launch had been left, with instructions to Mr. Hindle to proceed south of the Mambare to send Mr. Cameron up the Gove again with two whaleboats. On the 9th a patrol party went up the Wade side of the river, and another down it; but the natives were all camped on the opposite side of the river, and had taken away all the canoes, so that the constabulary could not reach them.

On the 11th I was able to examine our immediate surroundings and to walk as far as the river, at the mouth of Wade Creek. The village of Wade proper consisted of about a score of houses. There had been a fine large clubhouse in the middle of the village square, but this had been burnt by the Acting Commandant because the warriors of the tribe met there, and because the constabulary found in it a large number of shields, and also an old waterproof coat, the property of the late Mr. Green. I expressed my disapproval, as I have consistently forbidden the burning of houses and the cutting down of eucalypt trees as a punishment of natives.

Near Wade there is a considerable amount of fine alluvial land, on which are probably fifty or sixty acres of gardens, containing large quantities of food. From the river bank at the mouth of the Wade creek one could see that the natives were present in great force in the village of Diware, and that they would have to come to the gardens on our side of the river for food. It was then about full moon. About 7 p.m. the constables were sent out in two parties—one under the native sergeant to watch the gardens down the river, and the other under a corporal to watch those up the river. The former saw no one. The latter at once found a large number of armed natives in the gardens, when a skirmish immediately began, which ended in two of the bushmen being shot dead. It had been learned from one of the prisoners in the morning that the warriors that massacred Mr. Green and his men were all or nearly all in this party. The fact of our sending back the female prisoners during the day seemed to lead the braves of the tribe to think we were afraid, and at sundown one could hear some order haranguing them before they set out for the Wade gardens. The constables were, however, by no means afraid, but speedily drove them into the river. One constable was so close on one of them when they pulled the river that both fell into the edge of it over a bank about 5 feet high. The bushman got up first, and had his spear already nearly raised to kill the constable when a brother constable shot the spearman dead at a distance of about 3 feet. Next day we kept quiet indoors, without fire, to give the assurance that we had returned to the Mambare. The patrols went out again at night to watch the gardens, but their experience of the previous evening had determined the natives not to cross again to our side of the river.

On the 12th I had so far recovered as to be able to walk down to the river bank directly in front of the Diware village, where all the warriors of the Upper Mambare were assembled. There were only sentries in the village, but others could be seen in the forest just above it. On a second attempt a place was found where the men could, though with some difficulty, ford the river with their rifles, their loading stocks cut away, and be within range of a few men on the Wade side. As soon as the men saw that the river could be crossed in this way, they felled upstream along the left bank. In the village were found a number of shot and Martini-Henry unused cartridges. The sergeant with sixteen men remained in occupation of Diware, which the natives had thought we could not reach. They were now practically cut off from the tribes of the Lower Give, and could only go in the direction of Mopi for shelter and food.

The sergeant's party could not find them next day.

On the 14th Mr. Cameron and Mr. McDowall arrived at Wade with two whaleboats. The natives below that had been friendly, and had given them much help in towing the boats up the rapids, and in providing them with food.

As it was now almost certain that the fighting men must have assembled near Mopi, a score of constables were selected and directed to that point along the left bank of the river. The natives were met with near where they were expected to be, and a fight at once began, in which the bush warriors soon had to flee, leaving four of their number shot dead, and showing away spears, &c. It did not appear to me desirable to push matters any further at that time. It was very certain that these warriors would not again pursue the constabulary. They were completely humiliated in the eyes of the other tribes. With time and good management their pacification and settlement may be effected through the intervention of friendly tribes, and the ringleaders still at large may be delivered up. Time was also passing, so I decided to leave the district for the present.

Next day there was a flood in the river, and of this we took advantage to descend to the sea. All natives below Wade were friendly, and wished to sell us food; even those of Tete made advances to us this time. We got a boat in the river, above Tete, from the "Mervin England," which had arrived from Port Moresby. We could not, however, get out of the river that day on account of the seamy breakers on the bar. It was very plain that the natives had been much impressed by seeing that my party had gone up the Mambare, crossed from the Upper Mambare to the Upper Gove, and descended the latter, thus going right round the country where most of their villages are situated. They were certainly left strongly disposed to be friendly.

5. On the 21st I left the south of the Mambare to proceed towards Tamari. At the station at the mouth of the river there is now a good garrisoned iron house, 40 by 15 feet. A native corporal with six men are stationed there. On the 20th I received the resignation of the Acting Commandant. A seaman of the "Mervin England," who has had considerable experience of an armed service afloat, has been left temporarily in charge of the Tamata station as European officer of constabulary.

He has there twenty constables and a European assistant. This assistant is Mr. O'Brien, one of the three men that crossed from the Vanapa to the Mambare lately. Unfortunately the leader of this little party deliberately left the cut track thinking he could easily find a better one for himself. They soon got into difficulties, and could not find the cut track they had so prudently left. They succeeded in reaching the Upper Mambare, but with food and strength exhausted. They tried to descend the river on rafts.

They were all specially capsized, and the others were drowned. O'Brien with much difficulty reached some of the miners on the river, and obtained assistance from them. A copy of the instructions left with Mr. Ford is attached.
Unfortunately one of the means by which it was hoped to get the north-east coast brought under control during this season has already failed me. It was my intention to leave the launch "Ruby" on the coast and rivers, and a third engineer had been obtained for that purpose, instead of a driver as formerly.

This officer had to leave the "Merrie England" at Cooktown on account of sickness, with the result that the launch has now to be held up at Samarri.

9. I had already shown that the Ginta River enters the sea on the German side of the boundary. In the hurried observations made at the mouth of the Ginta formerly a considerable margin was allowed to prevent all appearance of encroachment on the part of the Government.

A more exact determination of the geographical position of the mouth of the Mambure has now been made by Mr. Cameron and by myself, observations which fix the observation spot with sufficient accuracy for all practical purposes.

From this point the bay has been traversed to the mouth of the Ginta, the position of which depends in our chart on that of the mouth of the Mambure.

It is now seen from these observations that under the present arrangements we are to the boundary the Ginta would be useless to either colony for commercial or travelling purposes. I shall have the honour to submit for consideration certain suggestions with the view of making the river free to both the German and the British colony. Copies of the chart of the Mambure Bay end of the traverse of the Ginta are enclosed herewith, with copies of the field books showing how the geographical positions have been arrived at.

I would respectfully suggest that these extensive computations should be submitted to the Secretary for the consideration of the Government.

7. I enclose a return showing the number of miners with their stores and carriers taken up the Mambure by the steam launch. Most of them have built houses at the new station, on the Tanuta, for their own use. The three men that went up the Mambure at the beginning of the wet season at the end of last year, and that declined to leave after the murder of Mr. Green, have been supported by the natives of Nenche. A copy of a short report by one of them is attached to this, from which it will be seen that rain was nearly continuous, and that they were very hospitably treated by the natives.

6. The miners that have gone up the Mambure are said to have returned to the old ground, but doubt whether they will go further. I attach a short report by Mr. Nettle and his "mate," from which it will be seen that they reached the Scratchyfield by coming from the Vampa round the west end of the Owen Stanley Range, but after some ten weeks' travelling.

Mr. Whitton, of Samarri, has imported half-a-score of horses from Sydney, with a small steam launch for the Mambure route. It was, I believe, intended by him to open a track suitable for horses from the Government station on the Tanuta to the miserable country in the interior. It is, however, by no means certain that a bridle track is practicable. Horses cannot pass over the existing path.

After seeing such promising prospects of gold in the bed of the Ginta, it seems to me to be of great importance to try to open a track from the Tanuta station that would, if possible, be practicable to horses proceeding towards the interior between the Ginta and the Mambure, and which would serve Mount Scratchyfield, the Wharton Range, and Mount Albert Edward. At present I do not know whether this is possible, but, if it can be managed, I intend to send a party of twenty prisoners, under proper surveillance and protection, to assist in opening a path in that direction. I attach a note on the subject of transport by horses on the present path by Mr. Frost, who has had a distinguished experience of such matters on the Australian continent, where his name is well known. It will be seen that Mr. Frost is not more sanguine than I am as to horse transport; but I am quite satisfied that it should be tried in the way indicated above, as long and as far as the means available will permit.

3. On the evening of the day we left the Mambure mouth the steamer anchored in Douglas Harbour.

I had sent a boat and some constables there a day or two before to look for another body of carriers that had run away from the miners to whom they were engaged. One of their employers had come down the river looking for them and to report their escape. He announced that six of them had been murdered by the Nadara natives.

The runaways I found with the constables in Douglas Harbour, apparently including the six supposed to be murdered. They had stolen a rifle and cartridges and a bag of rice from their employers, and got away during the night. Most of them were lame, and they looked altogether a weakly, sickly lot. It is much to be feared that the miners will have great trouble through the desertion of their carriers.

10. Next evening we anchored in Porlock Harbour.

It appeared that the "Merrie England" had come into contact with an unsuspected shoal in Porlock Bay, right in the track of vessels. We must have often passed close to it before.

It was very important that its exact position should be charted, and I accordingly returned next day in Porlock Harbour, when Mr. Cameron and myself made a sufficiently accurate survey of the harbours and its principal surroundings, a map of which will be forwarded in due course.

The following night, when anchored in Yasssai Harbour, a boy came to report that he and three others had been five days with some miners on the Mambure, and had been dismissed without any pay. This matter is under investigation.

It is not improbable that they may have run away from their employers, but due inquiry will be made.

I have, &c.,

WM. MACGREGOR.

His Excellency The Right Honourable Lord Lamington, K.C.M.G., &c.
Stn.—Having asked my opinion of the track, as far as horses or mules, it is impossible as far as I have been, which is only as far as Simpson’s Creek. There is also a difficulty in the way, as there is no food. The segundo track might be improved by keeping more to the westward; however, I cannot say for certain, as I have not been over the country.

I am, &c.,

WILLIAM FROST.

His Excellency Sir William Macgregor, Administrator British New Guinea.

Your Excellency—

Stn.—Thinking you may be interested to learn of our journey overland from Duna to this goldfield, we take the liberty of sending you a short report of our experiences on the way.

As may possibly be known to Your Excellency, we accompanied Mr. Giallueatti as far as the village of Sikubi. After the departure of that gentleman for Port MoreSBhy, we continued our journey in a north-east direction through a large and thickly populated valley from village to village. The natives were very friendly, but were rather averse to carrying our goods, and would use all manner of artifices to induce us to return by the way we came. Those good people, while protesting their willingness to carry us on our journey a stage, would led us (mostly by gestures) of the extreme cold and hunger we would experience, also of heavy rains, and had men who would kill us, and would advise us to stop. Finding that their forebodings had not the desired effect, they would usually after some delay carry us on to the next village, where the same hospitable treatment would be experienced as in other villages. Food was very plentiful, and the people appeared cheerful and well fed. There seemed to be some absence in their replies to our questions as to the route to be followed by us. We had heard from Mr. Giallueatti of the Chirima (north branch of Maunbar), and all were agreed that there were five villages of the Chirima tribe on the other side of a large mountain named Kaimin (Mount Scratchley).

On 12th April we arrived at the villages of the Kelapi people, and were well treated, but were by them taken in a wrong direction,—i.e., to the north by west. After five hours’ travel in this direction, crossing en route a mountain about 3,500 feet high, we found ourselves in another large valley, which stretched away to the northeast for seemingly a great distance. The people who dwelled in the above district are named Wautapu; they have five large villages and are very numerous. These natives were quite different in their demeanour to those previously met with by us, and were inclined to their behaviour, and were probably only kept from becoming aggressively so by our firm and watchful attitude. On the third day of our arrival in the Wautapu district some of the influential men of the tribe came to us and wished to shift our camp near the village, but, as from their previous behaviour we suspected foul play, we did not agree to their request, and in our turn used persuasions and offered presents to induce them to take us back to Kelapi. After some delay they agreed to do this, and we left Wautapu very glad to have got away with our supplies, &c., intact. On 17th April we started from Kelapi, and crossed the northern end of Mount Scratchley on the 18th; track very rough all the way. On the 20th we arrived at a Chirima village called Yangaravea, and found to our surprise a very great number of people (mostly women, we afterwards found), and darting going on.

Our carriers took the goods into the village, and dropping them in a heap fled into the houses, while the men (some hundreds) surrounded us, and all were armed with stone clubs or ado; we did not feel very comfortable, the more especially as we were regarded with such fierce looks by the savages near us. However, we took things easily, and, offering a few small presents to those around, soon had the satisfaction of seeing some of the weapons laid aside, and shook hands with the local men, who, calling for our carriers, led us out of the village, in accordance with our desire, to our camping-ground. As in other villages visited by us, we were here regarded with much curiosity, our boots, clothes, and colour of skin all exciting much admiration.

We now commenced to inquire the distance to the goldfield, and were sorry to learn that we had some five or six days’ travel ahead of us.

However, we proceeded, and, calling at the villages of Kandirina, Saimona, Sinomara, Pofonna, and Neneha, we arrived on Gold Creek on 2nd May—two months and nine days from Port MoreSBhy.

Traces of gold were found in many of the creeks between Chirima and Gold Creek, and the country appears to be worth prospecting. Of the route followed by us on this trip nothing favourable can be said. It is a long journey and had in the native tracks followed by us. As we have no means of replenishing our food supply, we shall soon have to return to Port MoreSBhy via Sumanari. The health of the party has been fairly good up to the present.

We have, &c.,

WILLIAM NETTLE.
W. J. KELLY.

Gold Creek, 1st June, 1867.

His Excellency Sir William Macgregor, K.C.M.G., M.D., &c.

<table>
<thead>
<tr>
<th>Village</th>
<th>Chief.</th>
<th>Village</th>
<th>Chief.</th>
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<tbody>
<tr>
<td>Kanara</td>
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<tr>
<td>Gambari</td>
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<td>Kandirina</td>
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<td>Sinomara</td>
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<tr>
<td>Hendrua</td>
<td></td>
<td>Sinomara</td>
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<tr>
<td>Kelapi (4 villages)</td>
<td></td>
<td>Yudanua</td>
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</tr>
<tr>
<td>Wautapu (5 villages)</td>
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<td>Bu and Duna</td>
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Sumanari and Neneha on last term.
## Return of Miners Towed by the Launch "Ruby" from Mama Bay to Tamia Junction.

<table>
<thead>
<tr>
<th>Date</th>
<th>Name</th>
<th>Age</th>
<th>Occupation</th>
<th>Last Address</th>
<th>Amount of Stores</th>
<th>No. of Carriers</th>
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<td>A. Chums</td>
<td>35</td>
<td>Fair</td>
<td>Cooktown</td>
<td></td>
<td>6 tons</td>
</tr>
<tr>
<td></td>
<td>E. Elliott</td>
<td>34</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>4 May</td>
<td>J. F. Close</td>
<td>30</td>
<td>Dark</td>
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<tr>
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<td>J. C. Davies</td>
<td>59</td>
<td>Fair</td>
<td>Messman, R. P. Douglas</td>
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<tr>
<td></td>
<td>Peter Nelson</td>
<td>52</td>
<td>Fair</td>
<td>Coolgardie and Sydney</td>
<td></td>
<td>14 and 1 Queens-land boy</td>
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<tr>
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<td>Luke Sire</td>
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<td>John Hayes</td>
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<td>Fair</td>
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*Returned Miners (as boys).*

- William Frost: Fair, Ipswich, Queensland
- Michael Mahoney: 35, Cork, Ireland
- Luke Sire: 32, Rail, Austria
- John Hayes: 46, Fair, Ireland

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Manthan River, 18th June, 1897.

Six—I have the honour to report my experience since I arrived on the river. I and my mate, David Davis, left the police camp, Tamia Junction, on the 23rd September with six carriers, and it took us ten days to get to McLaughlin Creek.

Davis started back on the 4th October for more carriers. Davis is a bit sick. I am all right, but knocked up by the worst track I ever travelled on.

18th October—Have been prospecting two weeks, and got 15 1/2 oz. gold; the creek is a roaring torrent every night. I can't do anything in it till the wet season is over; there is too much water.

22nd October—Just got a prospect; will get a little gold if there is any extent of it. Enam Suey sick, and going away. I bought his ration.

23rd October—Boys arrived to-day with rations, been away twenty-one days. Dave sick down at the police camp.

7th November—Gold cut clean out; got 53 oz. in four days. Dave and the boys arrived to-day with rations; boys been away fifteen days.

24th November—Been to bushmen (Nenena); got sweet potatoes and pig; they are very friendly; been away five days; sent four boys down for rations.

6th December—Boys arrived yesterday; been away twenty-two days; landed here with one and a-half bags rice and about 15 lbs. bacon; been getting a little gold lately. Dave been sick again seven or eight days; all right again now; sent the boys down again to-day, suppose it will be their last tap, for their time is up on the 21st.

20th December—Two boys came back to-day; left the other two on the road.

I licked against a sharp stone, and some bone broke inside. I got a piece out about the size of a dice, but it still keeps sore. This happened on the 18th, had a few days of the fever. Dey was laid up since the 16th.

21st December—Dey went down to sign the boys off; two have not arrived yet; took three, left one here; am afraid he will die on my hands.

22nd December—Boy arrived to-day with half bag rice; they started with three boys. I told Cabbe he would have to stop to look after Peter, the sick boy, but he must have advised him to start on the road, for I did not see either of them again. I expect he will get along the road a piece, and then leave him to die; he is a cunning cawal. I don't do anything, my foot is very bad.

13th January, 1897—Only three left on the Creek—Ryan about one mile up the creek, and Burns one mile down the creek from my camp. Very wet, thunderstorms every day; beautiful mornings, but sun very hot.

21st January—Ryan's boys arrived yesterday with the news that Mr. Green and four police boys and three prisoners got killed at the new police camp on the 14th. The man is charge of Whilton's store says he is going down the river on the 20th. I am afraid I could not be down in time to catch the boat, so we intend to stop here till relief comes; we have got about nine weeks' rations; sent the boys down with a letter to that effect.

28th January—Ryan came back to-day with the news that Ned Crow had died on the road going down; also that the boy Peter had died at the crossing of the Chirrins.

I thought my foot was right, so I went to work two days, but it got bad again.

27th April—Been up at the village six weeks; sick all the time; made three attempts to get back, but could not manage it.

I thought somebody would be up before now, but there is none come yet.

2nd May—Two men, Kelly and Nokes, arrived from Port McOrey over the mountains; been over two months on the road. I got a little rice, tea, and sugar from them.

15th May—Burns came back to-day; he was away fifteen days trying to get Port McOrey; he is in a very bad state when he got here.

6th June—Clarke and Elliott arrived to-day from the Lower Manthan. I am going down with their boy to-morrow. I believe there is good gold in this district, but it is very difficult to prospect unless a man is well prepared and got plenty of boys, without them a man can't do anything. I got a very little gold for the time I was here—14 oz. 12 troy for my share, but I had no boys since Christmas, and been sick the most of the time.

Trust you the above will be sufficiently explicit,

I have, &c.,

JOHN SCHMITT.
APPENDIX I.

DESCRIPT REPORTING VISIT TO KIRIWINA.

S.S. "Morrie England,"
No. 44.]
Off Kiriwina, B.N.G., 8th July, 1892.

My Lord,—I have the honour to report that on account of information received from different sources, I deemed it very desirable that I should make a short visit to Kiriwina before returning to the Central district, even though I was already behind time. I arrived in the group on Saturday, 3rd July. Next day I attended divine service at Kavari, the site of the new Wesleyan Mission, conducted by the Rev. Mr. Fellows. A large plain church has been erected, capable of receiving about 600 persons. The weather was not good, but there were then present about 200 women and 250 men. Their demeanour during the service was on the whole decorous and attentive.

The Resident magistrate had been at Kavari for a couple of weeks, and had caused the natives to remove over a score of dead bodies from graves in the villages to places in the cemeteries, where they were re-interred. In this district there is, in addition to the usual sentimental reasons for the village burial, the economical consideration of having the corpses convenient to obtain from it the flabular bones to be converted into lime statuas. As the natives themselves had to perform the exhumations and reinterments, they may probably on this account be more inclined to bury in the cemeteries in future. During the first few years of my residence in this country no case of dysentery became known, but lately there has appeared in these villages, probably caused by the great increase in population, by rapid burial. The villages are built on raised, decayed, broken up old coral, with a layer of brown humus, the result of decomposed vegetable matter, on the surface. This soil and subsoil are exceedingly porous, and would rapidly become infiltrated with the products of animal putrefaction. Water is obtained from sources that rise near to the high-water mark on the foreshore, thus at a lower level than the plane in which the dysenteric corpse is buried. The enforcement of the cemetery interments is thus of much importance, and Mr. Maclagan seems to have been successful in dealing with it at this point.

2. On the 5th I tried to reach the village of Oburaka. That tribe had lately had a dispute with a neighbouring village. At first they went at night and cut down each of the bananas of the other village, then they met and fought with spears. Oburaka is numerically the stronger tribe, and they killed two of their opponents. Unfortunately it was found that the water is extremely shallow between Kavari and Oburaka, with a salt rise and fall of some two feet only. My boat stuck fast at something more than half way, with a falling tide, so that we had to wait there five or six hours. While thus detained we were informed that Oburaka wished to fight the Government and to kill its chief, a threat that was by no means regarded seriously. On our arrival at Oburaka only a few people were visible. The chief had absented himself, but he was eventually induced to come in. Of course he wished me to understand that the fault lay exclusively with the other village, and that he and his people were blameless. In a satisfactorily way he promised to procure and deliver up the two men of his tribe that were said to have killed the two that fell in the fight; but he insisted that he did not know whether they had killed anyone or not.

It appears that a Greek trader has regularly married the daughter of this chief, and that the trader has a station in the same neighbourhood. I was given to understand that all the pigs in Oburaka, numbering over fifty, are claimed by this European son-in-law of the chief. It is not at present known to me what the arrangement is that exists with regard to this herd of swine, but at first sight it seems to point towards oppression. The Resident Magistrate has been directed to make full inquiry, and to see that no injustice is done. At Oburaka I met four of the traders of this district. It will be remembered that in former despatches I drew attention to the highly reprehensible conduct of these men. When I previously expostulated with some of them they promised an amendment, and it is gratifying to hear now that their conduct has on the whole decidedly improved. They do not now trade on the Sabbath near mission stations. I am well aware that much temptation is put in their way, for the licentiousness of the women of Kiriwina is almost without a parallel in modern times.

We could have arrested some men at Oburaka, but I desire now to confine arrests on Kiriwina to the princes concerned in all serious crimes. The chief will delay the surrender of the two men wanted now, but the probability is that before long they will be delivered up. There was of course no approach towards hostilities on the part of the natives.

3. Latterly there has been a serious quarrel between the villages of Kadauwaikera and Gumahalaba. It arose out of the ownership of a piece of planting ground which both sides claimed. No accommodation could be arrived at by diplomatic means, so it was finally determined to leave the solution to the arbitration of the spears. A field was accordingly selected and cleared for combat. They fight always in the afternoon, and it was found before it was too late that the rays of the afternoon sun would be in the eyes of one side. A new field was therefore cleared, which the rays of the declining sun would traverse obliquely. There were warriors of the two tribes met and did their duty in Romero style, but unfortunately two men of Kadauwaikera were killed and several more were wounded. Some of these latter I saw; all the wounds were from spears and on the leg; presumably the shield protected the upper part of the person, but left the legs exposed, and the shield and spoons were split by the spears buried against them, and this of course left a few men more defenceless than others. I have formerly pointed out that curiously enough, the Kiriwina people and the Murua tribe never use the stone club, although Murua possesses such excellent stone (quartzite). No doubt the two men that killed an enemy were greatly admired and envied at first, but a demand was soon made by the Resident Magistrate for the surrender of these two heroes to be punished for their exploits. The chiefs at the village concerned professed to be dears of complying, but set about doing so in a regular manner. They brought in, and surrendered two men that were not implicated. These were released; others were then substituted, and this was repeated several times. Strangely enough these vicarious victims did not seem to raise any objection to their being substituted for the two originals. They looked as if quite prepared to take their place with a light heart. On the evening of the 5th, however, the chief brought yet another couple of men, one of
whom was the right man, but the other had disappeared and no one could find him. I visited both villages on the 6th, and informed them that in future they must reserve the settlement of these disputes for the decision of the Resident Magistrate; and that this same dispute would be revived on the land to be given to the rightful owners without reference to the result of the recent fight. The chiefs and people of the two villages soon made up their minds on friendly terms. The Reverend S. B. Fellows exerted his influence after the fight, and probably prevented a continuation of the discord by visiting the hostile villages next day; but he was not able at the time to learn the station, otherwise he might have prevented any fighting. We were received in a very friendly manner by all these villages. They occurred with the admonition administered to them.

4. On the 6th as we entered the village that lies nearest to Emanakala, the abode of the great chief Emanakala, several men promptly took up their spears and shields. They fled almost immediately, apparently not knowing what to do, most of them leaving the village; there were at once taken and broken. What was the cause of this sudden panic it was not easy to see. The chief fled with his shield. The men of this village were lectured and scolded by Pulitari, and by the more sensible chief of a neighbouring village who happened to arrive there then. I did not intend to make my visit to Emanakala of one of complacent politeness, as he has done but little to further Government work. As I approached this chief's quarters I was met by one of his brothers, who spat all round me to preserve us from sorcery. The chief was seated on a high bench in the small porch of a small house, with three or four of his principal men sitting in front of him. These I at once turned out and took the high bench, while Emanakala was seated on the ground below. He was warned not to interfere with the villages that belonged to the province of Pulitari. He denied that he had sent to certain villages for further addition to his peace; he knew he was lying, but was supported by that of the other natives, that I had entered on a visit to these villages to refuse to let him have any more women, because the domestic life he leads is already a discredit to a chief. He was so alarmed that the perspiration came streaming down his face. He is the nearest approach the Kiriwina people have to a sacred being, and he has an instinctive idea that his importance and tastes would receive a check by the development of a mission. He has therefore remained on beggaring terms with the mission, but has not assisted the missionary and his teachers, and he has steadily refused to grant a mission site at his own headquarters. I informed him frankly that I would not support any chief that kept his district, but that I would not hesitate to aid the mission to overcome any difficulty he might try to create. When the question was then put to him as to whether he would grant a mission site at Emanakala he faltered, and endeavored to put me off with an evasive answer; I insisted on his declaration of yes or no, and at last he said "yes, the mission shall have land here." I requested him to proceed at once to show the land to the Rev. Mr. Fellows, which he did. It was fully explained to him that it is not desired to diminish his authority as a great chief, but rather to maintain it and enforce it, provided that his own conduct is such as to merit support. He is to send his brother regularly to visit and report on the islands to windward of Kiriwina. These acknowledge the way of Emanakala in an easy sort of way. After leaving Emanakala we proceeded to Kabulae, at the north end of the island, where I met the steam launch. All seemed quiet and peaceful in that district of Kiriwina. They have had a wonderfully rich harvest of yams all over the island, so that food is supernumbant, save at two or three villages where the men have been engaged largely in the pearl fishery, an employment that has undoubtedly done them not a little harm, though they have proceeded through it much more trade goods than they ever had before, in the shape of beads, tobacco, tomahawks, &c. Had the outcome of the tribunal been from the first less disagreeable the injustice to the natives would have been less.

5. The lat teacher that was stationed on Yakuta Island has left or account of sickness in his family, and his place has been taken by a coloured teacher, but Noli thinks his dignity requires the presence of a European. This may also be a source of future dissatisfaction to Emanakala, who will doubtless also go to a mission. Two of the Kiriwina missions, one of Noli, Yakuta, Pulitari, of Kayamari, and Emanakala, are all members of one family called the Laibai line, because their ancestor, a being of supernatural origin, like the founders of so many great houses in Europe and elsewhere, first descended at that place, and there claimcd and prepossessed family laws which secured liberal privileges to his own heirs and successors. These are to some extent recognised by the people, and it is therefore advisable to train and educate these leading men if this is practicable. Pulitari has much improved through being so closely associated with the Rev. S. B. Fellows. A teacher will, I trust, be stationed soon with Emanakala, but that chief will require much tuition to reduce him to a condition of respectability.

Only two other teachers are so far stationed outside Kayamari. Mr. Fellows and the teachers preach each on every Sunday at a large circle of villages. There can be no doubt that the mission has gained very substantially in influence since my last visit here. The time is already within sight when the indigenous proficiency of the villages under their influence will be at least veiled, and it will no doubt be materially lessened by-mld by.

A note by the Rev. S. B. Fellows is attached which sets out clearly the present state of the Kiriwina mission. Side by side with mission extension will proceed the development of the village police. Therefore it is present only two or three of the islands, but there will be plenty of men soon capable of this work, some educated in prison, others in the constabulary, and some by the mission. Owing to the impulsive nature of these people it will be some time before grave crimes are wholly suppressed amongst them. In a quarter over the petty tribe one of them will work himself into a foaming passion, in which condition he will without a moment's warning throw a spear at another, or run up a tree to kill himself by jumping down.

It has always struck me that the Kiriwina people more nearly resemble the line islander than any other tribes in this part of the world. They have the same mental characteristics, including a tendency to suicide. At Kiriwina, among twenty or thirty boys there will always be hired at any time a black hair, which is decidedly not frizzy. They resemble each other in many habits—for example, they procure abortion in the same way, and that by the only effective method I have ever known to be practised by savages. With all their shortcomings they will eventually become useful and spirited citizens.
6. The pearl-fishery has now reverted to smaller proportions than it formerly possessed. There has some trade in pearl-shells, but that cannot become important. Large quantities of yams can be obtained at present at Kiwina, and their surplus will soon be widely distributed over the east end of the colony.

7. On the 6th, while I went inland from Baratari to Kiabok, the Resident Magistrate went to the village of Kaipaupi in Pultari's province to arrest some men that had risen against and killed a reputed sorcerer. A struggle ensued, and some of those seized by the police had to be let go while the latter had recourse to their rifles. They succeeded in arresting and bringing off three men, and it is said four were wounded, but not mortally, by the shots fired at them. It was intended that we should sail next morning for Samarai, but it did not seem to me desirable that we should leave immediately after a scrimmage of that kind. I sent all the constabulary present to Baratari, and instructed the magistrate to proceed again to Kaipaupi, and to visit some of the neighboring villages, to show the natives that when necessary a strong force can be brought to bear upon them at any place on the island. The party visited Kaipaupi, which they found deserted, and then proceeded to several other villages, where they found the people all very greatly frightened. Fear will diminish and finally put an end to these rows on Kiwina; nothing else will.

8. On the 7th I was visited by the son of Esmakaka that lives at Kadiamge as its ruler. He reported that all is quiet on Kiabok, but simply because they are afraid of the Government, from which they could not get away owing to the limited size of the island.

I have, &c.

His Excellency The Governor of Queensland.

WILLIAM MACGREGOR.

KAVATARI WESLEYAN MISSION—HEAD STATION AT KAVATARI.

Staff.—One European missionary and his wife; three Polynesian teachers. Two missionary sisters are at present at Dalou, waiting for their house to be built here, when they will come and take up their work.

The Mission Work.—Average attendance Sunday morning at church during the last two months over 350—i.e., since the teachers have been away from the place; afternoon over 200. Previously the morning congregation barely averaged 200. Pultari attends church regularly, and lately has taken a great interest in all the work of the station, especially giving his influence to help us in keeping the children under our care at the mission house.

These children at present number twenty-six.

Sunday day schools have been started, but the children are irregular in their attendance.

Personally I am anxious to have a nursing sister to give her whole time to the sick natives, and so help us to break up the surgery superstitions. At present Mrs. Fellowes gives all her spare time to this work.

Out Station.—Two teachers' stations have been established, one at Guminaba, inland, the other at Tanumuku, on the lagoon in the corner of the bay. The two Fijian teachers on these stations have both gained influence over the respective chiefs of their villages and are working well. Each has built a house and a church in his village.

From our three stations we give Sunday services to seventeen villages in the district about Kavatari called Kuboou (Pultari's district), and the usual congregations that gather each Sunday are over 2,000 in the aggregate.

This week two station sites have been secured in Esmakaka's district—Kiwina. Two teachers will be placed there in the course of a month or two.

Yakaka was opened as a lay missionary's station, and an English house was built. Owing to family sickness the man had to leave, and his successor has not yet arrived. At present a Fijian teacher is there; he reports well of Lolo and his people.

(Signed) S. R. FELLOWES.

APPENDIX J.

DESPATCH RECOMMENDING THAT THE GIRA RIVER BE MADE TO FORM THE BOUNDARY BETWEEN GERMAN AND BRITISH NEW GUINEA.

No. 40.] Samarai, 16th July, 1897.

Mr. Lorh.—I have the honour to transmit herewith a traverse of the Gira River, plotted by Mr. Cameron from notes and observations made by him and myself during the recent examination of that river.

It will be noticed that the principal mouth of the Gira opens into the sea in German territory. Of this we were practically aware from the first, but in the earlier cursory astronomical observations some margin was left to avoid all appearance of encroachment on our neighbours. The position of the mouth of the river has now been determined with much greater scientific accuracy, so that for all ordinary practical purposes it may be accepted as sufficiently correct.

In round numbers it may be said that the mouth of the river lies two-thirds of a mile north of the boundary line—the eighth degree of south latitude.

After proceeding through swampy land for about a mile, the river enters British territory, to again project a small loop, three or four miles from the sea, slightly across the boundary; it then follows a south-west course to the highest point to which I could venture to take my boat—more than fifteen geographical miles inside this Possession, and in latitude E. 14° 14' 44.

2. From what precedes it will be gathered that a vigorous exercise of territorial rights would make the navigable part of the Gira useless to both Kaiser Wilhelm-land and to British New Guinea. I respectfully wish to propose an arrangement that would make the river free for navigation purposes to both. It is quite clear that any steps taken by one of the Governments to settle the tribes of this district will be advantageous to the other Government. Up to the present time the relations existing
between the Government authorities on the two sides of the boundary have been of so friendly and
neighbourly a character that each has been very glad to assist the other in any way possible. If this
question is now approached in the same neighbourly spirit, there will be no difficulty in arriving at a
satisfactory arrangement.

3. I would suggest that the middle of the bed of the river be the boundary of the two colonies,
from the sea to the most westerly point at which the river last crosses the eighth degree of latitude
before entering into British territory. From that point the boundary would proceed along the eighth
degree as it does now. The loss or gain of the small portion of useless land thus transferred from one
side to the other would be of no importance to either. The navigation of the river should then be left
free to both colonies, it being understood, however, that a citizen of the one could not trade, or settle,
or exercise any calling in the territory of the other without complying with its laws in all particulars.
It might be thought sufficient to limit the right of the German colony to navigate the river up to the
point where it last crosses the boundary; but seeing that the presence of German settlers or authority
in the district would be of some advantage to us, and that a fuller use of the river might be of advantage
to them, it seems to me to be best to adopt the more neighbourly course of making the navigation of
the river free to both as far as it is navigable.

4. I trust that your Lordship may be able to join with me in calling the attention of the Secretary
of State to this question, with the request that, if he sees no objection to the proposal, he may cause it
to be submitted to the Imperial German authorities for consideration. As the technical details of this
adjustment may occupy some time after the acceptance of the principles, I would suggest that, if the
latter are adopted, the free navigation of the river might at once begin from that date.

I have, &c.,

W.M. MACGREGOR.

His Excellency The Right Honourable Lord Lamington, K.C.M.G., &c., &c., &c.

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**Final Result of Mamma Bay (One Port) Latitude; by 6° Theodolite, Reading to 10" and Level
Division 15".**

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<tr>
<td>6-6-07</td>
<td>1</td>
<td>Ditto</td>
<td>60</td>
<td>8 04 08 04</td>
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<td>6-6-07</td>
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<td>Ditto</td>
<td>61</td>
<td>8 04 08 50</td>
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<td>Ditto</td>
<td>70</td>
<td>8 04 10 16</td>
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<tr>
<td>6-6-07</td>
<td>1</td>
<td>Ditto</td>
<td>62</td>
<td>8 04 10 19</td>
<td></td>
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</tr>
</tbody>
</table>

Mean of these = 8° 04' 10.31"

Mean of above = 8° 04' 10.52"

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**APPENDIX K.**

**DESPATCH, SUBMITTING ESTIMATES OF EXPENDITURE FOR THE YEAR ENDING 30th JUNE, 1897.**

No. 24.]

Government House,
Port Moresby, 11th June, 1896.

My Lord,—I have the honour to submit the Estimates of Expenditure for the several services
for the financial year ending with June, 1897.

Civil List salaries.

There is no change proposed in the Civil List salaries. These are—

1. Administrator ...
2. Private Secretary ...
3. Judicial Officer ...
4. Government Secretary ...

£1,500
300
1,000
500