

Siboga-Expeditie.

SIBOGA-EXPEDITIE.

AVIS AUX COLLABORATEURS.

Les *matériaux* fournis par l'expédition du „Siboga” sont conservés dans de l'alcool de 70—90^o/_o, à moins que les étiquettes n'indiquent autre chose. S'ils sont conservés dans du formaldéhyde de 4^o/_o, les étiquettes portent le plus souvent „Formol 4^o/_o”. Des particularités éventuelles de la façon de fixer seront portées à la connaissance de ceux qui se chargeront des sections où il y en a à signaler.

Les étiquettes renvoient à la *liste des stations* ci-jointe et qui contient des renseignements sur la date, sur la localité, la profondeur et la nature du fond des stations et sur la nature des travaux exécutés.

On est prié de retourner les matériaux, quand on n'en aura plus besoin, à l'adresse du soussigné, au Laboratoire de Zoologie de l'Université d'Amsterdam.

Les matériaux étudiés seront déposés au Musée Zoologique d'Amsterdam. Pour ce qui est des duplicata, des arrangements pourront être faits avec ceux des collaborateurs qui le désirent, par l'intermédiaire du soussigné. Pour le reste, les duplicata seront offerts

MITTHEILUNG AN DIE MITARBEITER.

Das *Material* ist, wo nicht anders auf den Etiketten angegeben in Alcohol von 70—90^o/_o conservirt. Die Conservirung in Formaldehyd 4^o/_o ist auf den Etiketten meist durch „Formol 4^o/_o” angedeutet. Besonderheiten in der Fixirung wird den Bearbeitern der Abtheilungen, wo solche geschähen, mitgetheilt werden.

Die *Etiketten* beziehen sich auf die beigelegte *Stationsliste*, die eine Übersicht giebt über Datum, Position, Tiefe, Art des Bodens der Stationen, sowie über die Art der Arbeiten, die ausgeführt wurden.

Nach vollendeter Bearbeitung wird das Material zurückerbeten an die Adresse des Unterzeichneten, Zoologisches Laboratorium der Universität Amsterdam.

Das *bearbeitete Material* wird deponirt im Zoologischen Museum der Universität Amsterdam. Bezüglich der Duplicate können nach Rücksprache mit dem Unterzeichneten specielle Übereinkommen getroffen werden mit den Bearbeitern, im Übrigen werden die

INSTRUCTIONS FOR COLLABORATORS.

The *material* is preserved in 70—90^o/_o alcohol, except where otherwise stated on the labels. Preservation in formic aldehyde 4^o/_o is noted on the labels, mostly by „Formol 4^o/_o”. Should any special mode have been adopted in the fixing of material of a group, information to this effect will be supplied.

The *labels* refer to the accompanying *List of Stations*, which gives the date, position, depth, nature of bottom of each station, as well as the character of operations carried out.

On completion of the work, it is requested that the material be returned to the undersigned, Zoological Laboratory of the University Amsterdam.

The material after having been worked out, will be deposited in the Zoological Museum of the University, Amsterdam. As regards duplicates, special arrangements may be made between the workers and the undersigned, but as a rule the duplicates will so far

autant que possible au Musée de l'État à Leyde, et au Laboratoire Zoologique d'Utrecht.

Les résultats zoologiques, botaniques, géologiques et océanographiques de l'expédition du Siboga seront réunis dans un ouvrage qui sera publié par la „Librairie et Imprimerie ci-devant E. J. Brill à Leyde.”

Le soussigné se charge de la rédaction de cet ouvrage. Toutes les correspondances qui s'y rapportent, aussi bien que celles qui ont rapport à la collection ou, en général, à l'expédition du Siboga doivent lui être adressées à Eerbeek (Hollande).

Déjà 41 savants ont consenti à se charger de l'étude d'une partie des matériaux.

Leurs travaux feront partie de la publication mentionnée ci-dessus et pourront être écrits en français, en allemand ou en anglais, au choix des auteurs. Chaque travail, gros ou petit, consacré à un groupe déterminé et formant un tout, sera publié à part sous une couverture et avec une pagination spéciale. Il sera mis en vente isolément.

Chaque collaborateur reçoit gratuitement 25 exemplaires de son travail et un exemplaire de l'ouvrage entier¹⁾.

Afin de donner aux monographies une certaine uniformité, du moins dans les grandes lignes, on recommande de suivre dans l'ordre

Duplicaten soweit möglich abgeben an das Reichs-Museum in Leiden und an das Zoologische Institut in Utrecht.

Die zoologischen, botanischen, geologischen und oceanographischen Resultate der „Siboga-Expedition“ sollen in einem *Werk* vereinigt werden, das bei der Firma „Librairie et Imprimerie ci-devant E. J. Brill à Leyde“ erscheinen wird.

Der Unterzeichnete sorgt für die Redaction dieses Werkes. Alle Correspondenz, die Bezug hat auf dieses Werk sowie auf die Sammlung oder andere Punkte die Expedition betreffend sind an Unterzeichneten nach Eerbeek (Holland) zu adressiren.

Bereits haben sich 41 Mitarbeiter bereit erklärt das wissenschaftliche Material zu bearbeiten. Ihre Publicationen in obengenanntem Werke erscheinen in der französischen, deutschen oder englischen Sprache entsprechend dem Gutfinden des Autors und zwar in der Weise, dass jede Arbeit über eine Gruppe oder über ein abgeschlossenes Thema, gleichgültig ob der Umfang gross oder klein ist, selbständig herausgegeben wird in eigenem Umschlag und mit selbstständiger Paginirung. Sie wird auch apart verkäuflich gestellt.

Jeder Bearbeiter erhält 25 Frei-Exemplare¹⁾ und ein Exemplar des gesammten Werkes.

Um wenigstens in den Hauptzügen einige Uniformität in den Monographien zu wahren, wird für die *Anordnung* der Beschrei-

possible be handed over to the Zoological Museum in Leyden and to the Zoological Laboratory in Utrecht.

The zoological, botanical, geological and oceanographical results of the Siboga-Expedition will be united in one *work*, which will be published by the firm „Librairie et Imprimerie ci-devant E. J. Brill à Leyde.”

The undersigned will superintend the editing of this work. All correspondence connected with it, as well as with the collections or any other points regarding the Expedition, should be addressed to the undersigned, Eerbeek, Holland.

Forty-one specialists have already undertaken to assist in working out the material. Their results will be published in the above-mentioned work in French, German or English according to the choice of the author; and each paper, whether large or small, on any group, will appear independently in a separate cover and with separate pagination. They will be sold separately.

Each author will receive 25 free copies and one copy of the complete work¹⁾.

It is desired to preserve a certain uniformity in the different papers. For this purpose a specimen description is enclosed

1) Si l'auteur désire d'autres exemplaires de son travail, il est prié de s'adresser à l'éditeur, qui est tout disposé à les lui céder au prix de revient.

1) Wunsch der Verfasser weitere Exemplare seiner Arbeit, so wird er ersucht sich diesbezüglich an den Verleger zu wenden, der bereit ist solche gegen den Herstellungspreis abzugeben.

1) Should any author require extra copies of his paper, he is requested to communicate with the publisher, who is prepared to supply them at cost price.

des descriptions le modèle ci-joint. Par suite, on est prié de faire suivre le nom de l'espèce par les renseignements bibliographiques, d'indiquer ensuite le lieu d'origine et de finir par la description ou la notice. On est prié aussi de munir d'un numéro les espèces qui appartiennent au même genre.

Le format et l'impression seront conformes à la page-spécimen.

La feuille ci-jointe indique la dimension des *planches*. Les collaborateurs sont priés de reunir les dessins en couleur, autant que possible, sur une même ou sur plusieurs planches.

Dans les indications de mesures on recommande l'emploi du système métrique. L'échelle des agrandissements doit être indiquée, non par le nom du système optique employé, mais en chiffres.

Si l'on est amené par les matériaux à parler de la distribution verticale des organismes, le soussigné recommande de prendre comme limite supérieure de la „mer profonde“ 200 mètres de profondeur, ce qui correspond environ à la ligne de 100 brasses, se conformant à la proposition de J. Murray, A. Günther et d'autres.

Quand on a des comparaisons à faire avec la Faune d'autres parties de la Mer on est prié d'employer la nomenclature internationale¹⁾, telle qu'elle a été proposée par la Société Géographique de Londres en 1847.

bungen das nebensichende Beispiel anempfohlen. Es wird demnach gebeten auf den Namen der Species die Litteratur-Angaben folgen zu lassen, darauf die Fundorts-Angaben und schliesslich die Beschreibung oder Besprechung. Auch wird gebeten die zu einem Genus gehörigen Species zu nummeriren.

Format und Druck sind conform der vorliegende Mittheilung.

Über das Mass der *Tafeln* giebt das beigelegte Blatt Auskunft. Die Mitarbeiter werden ersucht Abbildungen in Farben soweit möglich auf einer oder mehreren Tafeln zu vereinigen.

Bei Massangaben wird das metrische System empfohlen auch sollten die Vergrösserungen der Abbildungen nicht durch Mittheilung der optischen Systeme sondern in Zahlen gemacht werden.

Giebt das Material Anlass zu Besprechungen über die vertikale Verbreitung der Organismen so empfiehlt der Unterzeichnete die Tiefsee bei 200 M. beginnen zu lassen, ungefähr der 100 Faden-Linie entsprechend und demnach dem Vorschlag von J. Murray, A. Günther und Anderen folgend.

Bei eventueller Vergleichung mit der Fauna anderer Meeres-theile wird empfohlen die internationale angenommene Nomenclatur, wie sie von der Commission der Geographical Society of London im Jahre 1847 vorgestellt wurde, zu gebrauchen¹⁾.

showing the arrangement which should be followed.

It is requested that the name of the species be followed by the references to literature, the habitat and finally the diagnostic or remarks. It is also requested that the species belonging to each genus be numbered.

The size and type of the publication will be the same as those of this communication.

The enclosed sheet gives the size of the *plates*. The authors are requested to keep their coloured figures so far as possible on the same plate or plates.

The metrical system is recommended for measurements and the magnification should be expressed in numbers, not by the optical system.

In the event of the material giving rise to a discussion on the vertical distribution of the organisms the undersigned suggests, that the „deep-sea“ should begin at 200 M., corresponding almost with the 100 fathom line and consequently agreeing with the suggestion of J. Murray, A. Günther and others.

In a comparison with the fauna of other seas, the accepted international nomenclature¹⁾ is recommended, as laid down by the Commission of the Geographical Society of London in 1847.

1) 1. *Atlantique*: Entre les cercles polaires, limité à l'ouest par la côte orientale de l'Amérique Septentrionale et Méridionale et par le méridien du Cap Horn jusqu'au cercle polaire méridionale, et à l'est par la

1) 1. *Atlantik*: Zwischen den Polarkreisen, im Westen begrenzt durch die Ostküste von N. und S. America und durch den Meridian von Kap Horn bis zum südlichen Polarkreis, im Osten durch die Westküste Europa's

1) 1. *Atlantik*: between the Polar circles, bounded on the west by the E. coast of N. and S. America and by the meridian of Cape Horn to the Antarctic Circle; on the East by the W. coast of Europe and Africa

Le soussigné se charge de mettre sur l'épreuve à la place de l'orthographe hollandaise des noms géographiques, telle qu'elle se trouve le plus souvent sur les étiquettes, celle qui a été adoptée par la Société Géographique de Paris et qui est recommandée aussi dans les „Regles de la Nomenclature zoologique“.

On s'adressera au soussigné pour l'indemnité à laquelle on aura droit, soit pour des honoraires qu'on aura payés aux dessinateurs soit pour des frais qu'exigeait l'élaboration des matériaux.

côte occidentale de l'Europe et de l'Afrique et par le méridien du cap Agulhas jusqu'au cercle polaire méridional.

2. *Poëlszee*: Frontière du nord, le détroit de Behring, celle de l'est, la côte occidentale de l'Amérique Septentrionale et Méridionale et le méridien du Cap Horn jusqu'au cercle polaire méridional. Frontière de l'ouest, la côte orientale de l'Asie, l'Archipel malais, la Nouvelle Guinée, l'Australie et le méridien du Cap Sud de Tasmanie jusqu'au cercle polaire méridional. Ce dernier forme la frontière méridionale.

3. *Indische*: Au nord limité par les côtes de l'Asie, à l'est par les Iles Sunda, l'Australie et le méridien du Cap Sud de Tasmanie jusqu'au cercle polaire méridional, à l'ouest par l'Afrique et le méridien du Cap Agulhas jusqu'au cercle polaire méridional, qui forme la frontière méridionale.

4 et 5. *L'Arctique*: S'étend au nord du cercle arctique, l'*Antarctique* au sud du cercle antarctique.

Bei der Correctur wird Unterzeichner dafür sorgen, dass an Stelle der holländischen Schreibweise der geographischen Namen, wie sie vielfach auf den Etiketten sich findet, die Schreibweise in Anwendung kommt, die von der Geographischen Gesellschaft in Paris angenommen und auch in den „Regeln der Zoologischen Nomenclatur“ befürwortet wurde.

Vergütungen für Ausgaben für Zeichner oder für Ausgaben, die unvermeidlich aus der Bearbeitung des Materiales hervorgehen, sind mit dem Unterzeichneten zu regeln.

und Afrika's und vom Kap Agulhas durch dessen Meridian bis zum südlichen Polarkreis.

2. *Poëlszee*: Nordgrenze: die Beringstrasse; Ostgrenze: die Westküste von Nord- und Süd-Amerika und der Meridian von Kap Horn bis zum südlichen Polarkreis; Westgrenze: die Ostküste von Asien, der malayische Archipel, New-Guinea, Australien und der Meridian vom Südkap von Tasmanien bis zum südlichen Polarkreis. Letzteres bildet die Südgrenze.

3. *Indische*: Nach Norden begrenzt durch die Küsten von Asien, nach Osten durch die Sunda-Inseln, Australien und den Meridian vom Südkap von Tasmanien zum südlichen Polarkreis, im Westen durch Afrika und den Meridian vom Kap Agulhas zum südlichen Polarkreis, der die Südgrenze bildet.

4 und 5. Der *Arctische* erstreckt sich nördlich vom nördlichen der *Arctische* südlich vom südlichen Polarkreis.

The undersigned undertakes to correct in the proofs the Dutch spelling of the geographical names which occur frequently on the labels and to substitute the spelling recommended by the Geographical Society of Paris and by the „Rules of Zoological Nomenclature“.

The undersigned begs that all expenses incurred in the employment of an artist, and other unavoidable expenses which may arise during the working out of the material, may be arranged with him.

and by the meridian of Cape Agulhas to the Antarctic Circle.

2. *Poëlszee*: Northern boundary: the Bering Strait, Eastern boundary, the W. coast of N. and S. America and the meridian of Cape Horn to the Antarctic Circle. Western boundary: the E. coast of Asia, the Malay Archipelago, New Guinea, Australia and the meridian of the South Cape of Tasmania to the Antarctic Circle. The latter forms the Southern boundary.

3. *Indische*: Bounded on the North by the coast of Asia, on the East by the Sunda Islands, Australia and the meridian of the South Cape of Tasmania to the Antarctic Circle. On the West by Africa and the meridian from Cape Agulhas to the Antarctic, which forms the Southern boundary.

4 and 5. The *Arctic* stretches north from the Arctic Circle, the *Antarctic* south from the Antarctic Circle.

Eerbeck, 15. IX. 1900.

MAX WEBER.

 Voir pour le choix des types la fin de la page-spécimen.

DIE HOLOTHURIOIDEN.

1^o Ordnung, ACTINOPODA, Ludwig.

I. Familie HOLOTHURIDÆ Ludwig (ASPIDOCHIROTÆ Grube).

2^o Subfamilie Synallactinæ, Ludwig.**Paelopatides** Theel.1. *Paelopatides confundens*, Theel.*Theel*. Challenger Reports, Holothurioiden, Part. II, 1886, p. 154.*Ludwig*. Report on the „Albatross“ Exploration, Mem. of the Museum of Comp. Zool. at Harvard College, Vol. XVII, N^o. 3, 1894, p. 14.

| | | | | |
|------------|-------------|---------------|-------------|-------|
| Stat. 38. | 7° 35' 4 S. | 117° 28' 6 O. | 521 Meter. | 1 Ex. |
| Stat. 101. | 6° 15' N. | 120° 21' O. | 1270 Meter. | 7 Ex. |
| Stat. 74. | 5° 3' 5 S. | 119° 6' O. | 450 Meter. | 2 Ex. |
| Stat. 214. | 6° 30' S. | 121° 55' O. | 2796 Meter. | 1 Ex. |
| Stat. 316. | 7° 19' 4 S. | 116° 49' 5 O. | 538 Meter. | 1 Ex. |

Das grösste Exemplar war 230 mm. lang und 98 mm. breit. Die übrigen Exemplare von 190—200 mm. lang und 90 mm. breit. Beim grössten Tier war der ventrale Mund 38 mm. vom Vorderrande entfernt, der dorsale After 20 mm. vom Hinterrande. Ich zählte im Ganzen 26 bis 28 Füsschen im mittleren ventralen Radius, welche weit auseinander liegen und nicht ganz regelmässig in zwei Reihen angeordnet sind, die ungefähr 15—18 mm. von einander entfernt stehen. Das vordere Drittel der Bauchfläche ist ganz ohne Füsschen. Die Kalkkörper der Haut stimmen so wohl in Form als Vorkommen genau mit Ludwig's Beschreibung überein. Auf der Bauchseite sind die in Alkohol conservierten Tiere dunkelviolett, der Rücken war bei den meisten viel heller, verursacht dadurch dass die äussere Hautschicht grösstenteils abgeseuert war. Das Exemplar von Station 214. war in Formol 4% aufbewahrt und hatte über den ganzen Körper sehr schön die violette Farbe bewahrt. Bei den beiden Exemplaren von Station 74 waren die Kalkkörperchen in der Haut nur sehr wenig zahlreich, obgleich ganz intact. Sowohl bei diesen beiden letzteren als bei dem Exemplar von Station 214 war der Darm nicht ausgeworfen, ich suchte daher nach dem von Theel erwähnten Divertikel, habe aber nichts finden können, was darauf zu beziehen wäre.

Die Grösse der von der Siboga-Expedition erbeuteten Tiere, steht etwa in der Mitte zwischen den Challenger-Exemplaren (300 mm.) und den Albatross-Exemplaren (55—116 mm).

Der *Paclopatides confundens* hat eine sehr weite Verbreitung, da er nicht nur im östlichen Teile des Pacific, sondern auch in der Sulu-See und wie jetzt erhellt auch im Indischen Archipel vorkommt. Bekanntlich hat Theel schon eine *Paclopatides*, n.l. *P. aspera* aus der Sulu-See beschrieben, welche aber ganz verschieden ist von den uns vorliegenden Tieren, die ohne Zweifel zu *P. confundens* gehören. Da ferner die Bemerkung Ludwig's (l. c. p. 19), dass die *Benthodytes gelatinosa* Walsh zu der Gattung *Paclopatides* zu rechnen ist, und überhaupt kein Elpidiide sein kann, wohl ganz zutreffend ist, sind jetzt schon 3 *Paclopatides*-Arten aus dem Indischen Gebiet bekannt.

Synallactes Ludwig.

1. *Synallactes reticulatus* n. sp. (Taf. II. Fig. 3 Taf. IV. Fig. 3—5).

Stat. 254. 5° 40' S. 132° 26' O. 310 Meter. 1 Ex.

Das einzige erbeutete Exemplar ist 330 mm. lang und besitzt eine lang ausgezogene subcylindrische Gestalt, da das Tier nur ungefähr 40 mm. breit ist. Die ganze Oberfläche ist durch scharfe aufgerichtete Falten netzartig in viereckige Felder zerlegt, welche in der Mitte des Körpers auf der dorsalen Seite etwa 10 mm. lang und fast doppelt so breit sind. An der ventralen Seite sind sie beträchtlich kleiner, was auch an dem etwas verjüngten Vorder- und Hinterteil der Fall ist. Die Farbe war im Leben, nach der farbigen Skizze, die am Bord gemacht wurde, rosa. Das in Formol 4% aufbewahrte Tier hatte aber diese Farbe völlig verloren und war weisslich grau.

On est prié d'employer le soulignement ci-dessous pour indiquer les types divers de l'impression.

Man wird gebeten für die verschiedenen Typen des Druckes sich der angedeuteten Unterstreichungen zu bedienen.

To indicate the different types of print authors are requested to make use of the following underlinings.

DIE HOLOTHURIOIDEN = ---

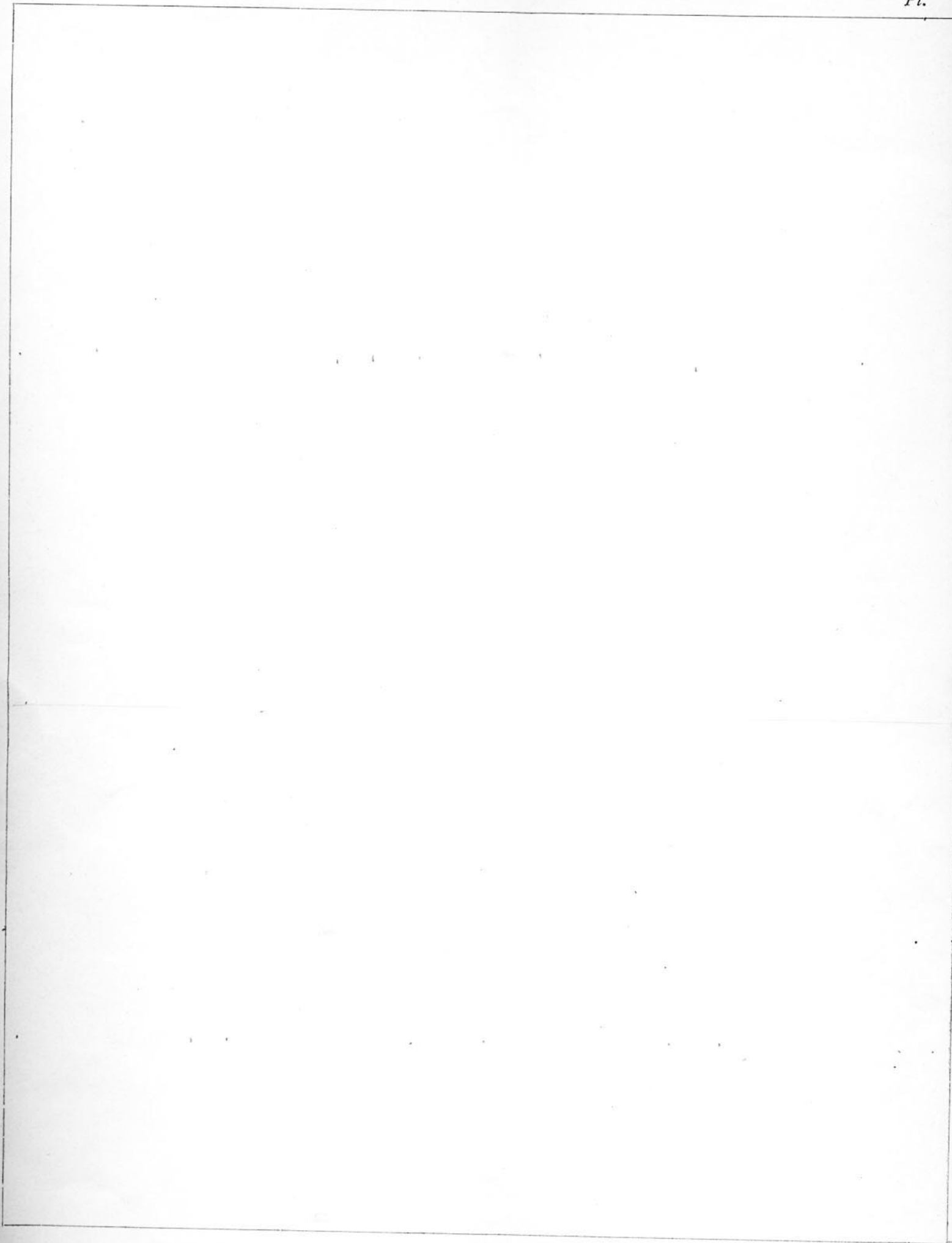
ACTINOPODA = ==

HOLOTHURIDAE = - -

Synallactinae = - -

Paelopatides = ---

Paclopatides confundens = - -



LISTE DES STATIONS

de la Campagne scientifique du „SIBOGA”

révisée

par le Commandant du „Siboga”,

M.-G. F. TYDEMAN,

Capitaine de frégate.

| No. | DATE. | POSITION. | | DEPTH IN M. | BOTTOM. | OPERATION. | REMARKS. |
|-----|-------------------|-------------|--------------------|----------------|---|---|---|
| | | LATITUDE. | LONGITUDE EAST. | | | | |
| 1 | 1899. March, 7 | 7° 27'.5 S. | 113° 8'.5 | 37 | Grey mud with small, broken shells. | Trawl. | 1400 M. distant from reef „Zwaantjes- droogte”, Madura-strait. |
| 2 | " 8 | 7° 25' S. | 113° 16' | 56 | Grey mud with some radiolariae. | Trawl. | Madura-strait. |
| 3 | " 8/9 | 7° 33' S. | 113° 36'.5 | 67 | Mud with very few radiolariae and dia- tomes. | Hensen quantitative net. From 36 M. to surface. | Madura-strait. |
| 4 | " 9 | 7° 42' S. | 114° 12'.6 | 9 | Coarse sand. | Dredge and shore- exploration. | Anchorage off Djangkar (Java). |
| 5 | " 10 | 7° 46' S. | 114° 30'.5 | 330 | Mud. | Deep- sea trawl. | — |
| 6 | " 10 | 7° 44'.5 S. | 114° 29' | 291 | Mud. | — | — |
| 7 | " 11 | 7° 55'.5 S. | 114° 26' | 15 and more | Coral and stones. | Dredge and shore- exploration. | Near reef of Batjulmati (Java). |
| 8 | " 13 | 7° 54' S. | 114° 48'.8 | 720 | Fine, grey mud. | — | — |
| 9 | " 13 | 7° 44'.6 S. | 114° 44'.6 | 353 | Soft, fine grey mud. | — | — |
| 10 | " 13 | 7° 25' S. | 115° 5' | 600 | Fine grey mud. | — | — |
| 11 | " 13 | 7° 16' S. | 115° 12'.5 | 234 | Coarse sand with broken shells. | — | — |
| 12 | " 14 | 7° 15' S. | 115° 15'.6 | 289 | Mud and broken shells. | Trawl. | — |
| 13 | " 14 | 7° 17'.6 S. | 115° 16'.8 | 402 | Mud. | — | — |
| 14 | " 14 | 7° 5'.5 S. | 115° 13'.8 | 91 | Mud (?) | — | 2 miles from the reef of Urk-Island (Kemirian), Kangeang-group. |
| 15 | " 15 | 7° 2'.6 S. | 115° 23'.6 | 100 | Fine coralsand. | Trawl. | — |
| 16 | " 15/16 | 6° 59' S. | 115° 24'.7 | 22 | Mud. | Shore explor. Hensen Vertical net. | Bay of Kankamaraän, S. coast of Kangeang. Electric light in vertical net. |
| 17 | " 17 | 7° 28'.5 S. | 115° 28' | 1060 | Fine grey mud. | Deep- sea trawl. | Part of cable in a tangle. |
| 18 | " 18 | 7° 28'.2 S. | 115° 24'.6 | 1018 | Fine grey mud. | Deep- sea trawl. | — |
| 19 | " 19/21 | 8° 44'.5 S. | 116° 2'.5 | 18—27 | River-mud, coral, coralsand. | Land- expl.; trawl and dredge. | Bay of Labuan Tring, west coast of Lombok. |
| 20 | " 22 | 8° 45'.8 S. | 115° 46'.6 | 210 | Hard; probably stone. | — | — |
| 21 | " 22 | 8° 46'.8 S. | 115° 44'.1 | 193 | Hard; small stones and coral. | — | — |
| 22 | " 22 | 8° 47'.7 S. | 115° 41'.2 | 220 | Not obtained. | — | Sounder caught in bottom; lost sounder thermometer, water-cup and 87 M. of wire. |
| 22a | " 22 | — | — | 230 | Stone and coral. | — | Nearly same position, as N°. 22. |
| 23 | " 22 | 8° 48'.5 S. | 115° 40' | 165 | Hard; coral. | — | — |
| 24 | " 22 | 8° 48'.7 S. | 115° 39'.5 | 312 | Hard. Not obtained. | — | — |
| 25 | " 22 | 8° 48'.9 S. | 115° 38' | 118 | Hard. Not obtained. | — | — |
| 26 | " 23 | 8° 35'.1 S. | 115° 31'.2 | 305 | Black sand. | — | — |
| 27 | " 23 | 8° 43'.5 S. | 115° 21'.5 | 210 | Coarse sand with small pieces of coral. | — | — |
| 28 | " 23 | 8° 43'.7 S. | 115° 19'.5 | 143 | Hard, coral bottom. | — | — |
| 29 | " 23 | 8° 42'.7 S. | 115° 23'.5 | 178 | Hard, coral and stone. | — | — |
| 30 | " 23 | — | — | 191 | Coral. | — | Southern entrance of channel between Penida- and Jeningan-Islands. |
| 31 | " 23 | 8° 47'.5 S. | 115° 39'.5 | 310 | Hard, stone. | — | — |

| No. | DATE. | POSITION. | | DEPTH IN M. | BOTTOM. | OPERATION. | REMARKS. |
|-----|-----------|-------------|--------------------|---------------------|--|--------------------------------------|--|
| | | LATITUDE. | LONGITUDE EAST. | | | | |
| 32 | March, 23 | 9° 2' S. | 115° 47' | 842 | Hard sand. | — | In a first attempt to obtain this sounding stray line broke in consequence of heavy swell; lost sounder and thermometer. |
| 33 | " 24/26 | — | — | 22 and less | Mud, coral and coralsand. | Trawl, dredge and shore-exploration. | Bay of Pidjot, Lombok. |
| 34 | " 27 | — | — | 18 | Coral reef. | Shore-exploration. | Anchorage off Labuan Pandan, Lombok. |
| 35 | " 28 | 8° 0'.3 S. | 116° 59' | 1310 | Fine, grey mud, with dark red brown stripes. | Deep sea trawl. | — |
| 36 | " 29 | 7° 38' S. | 117° 31' | 640 | Hard. | — | — |
| 37 | " 30/31 | — | — | 27 and less | Coral and coralsand. | Dredge. Monaco-trap in 100 M. | Sailus ketjil, Paternoster-islands. Close to reef. |
| 38 | April 1 | 7° 35'.4 S. | 117° 28'.6 | 521 | Coral. | Trawl. | — |
| 39 | " 1 | 7° 31'.2 S. | 117° 42' | $\frac{\cdot}{667}$ | — | — | — |
| 40 | " 2 | — | — | 12 | Coralreef. | Townet. Shore-exploration. | Anchorage off Pulu Kawassang. Paternoster-islands. |
| 41 | " 3 | 7° 25' S. | 117° 50'.5 | 96 | Sand (?) | Trawl. | — |
| 41a | " 3 | 7° 23'.7 S. | 117° 52'.6 | 313 | Coral. | — | — |
| 42 | " 3 | 7° 20'.7 S. | 117° 58'.3 | 571 | Coral. | — | — |
| 42a | " 3 | 7° 12'.6 S. | 118° 7'.7 | 30 | Coral. | — | — |
| 43 | " 4/5 | — | — | up to 36 | Coral. | Dredge. Hensen vertical net. | Anchorage off Pulu Sarassa, Postillon-islands. Electric light in vertical net. |
| 43a | " 5 | 7° 14'.6 S. | 118° 10'.7 | 33 | Hard, coral sand. | — | — |
| 43b | " 5 | 7° 15'.5 S. | 118° 12'.3 | 66 | Sand. | — | — |
| 43c | " 5 | 7° 17'.4 S. | 118° 14' | 32 | Coral sand und coral. | — | — |
| 43d | " 5 | 7° 19'.8 S. | 118° 14'.5 | 868 | Mud. | — | — |
| 44 | " 5 | 7° 18'.2 S. | 118° 13'.6 | 883 | Soft grey mud. | Trawl. | Lost trawl in consequence of change of bottom (rocky slope) during this haul. |
| 45 | " 6 | 7° 24' S. | 118° 15'.2 | 794 | Fine grey mud, with some radiolariae and diatomes. | Deep sea trawl. | — |
| 45a | " 6 | 7° 36'.5 S. | 118° 15'.5 | $\frac{\cdot}{450}$ | — | — | — |
| 46 | " 7 | 7° 52'.2 S. | 118° 34'.8 | 3100 | Fine, grey mud. | — | — |
| 46a | " 7 | 8° 0'.5 S. | 118° 34'.7 | 1600 | Mud. | Deep sea trawl. | Brake not being strong enough, cable paid out too quickly and part of it kinked. |
| 47 | " 8/12 | — | — | 55 | Mud with patches of fine coral sand. | Trawl, dredge and shore-exploration. | Bay of Bima; near south fort. Trawl torn. — Bima-anchorage. |
| 47a | " 12 | — | — | 320 | Fine sand. | Dredge. | Off Batu Putih, entrance Bay of Bima. |
| 47b | " 12 | — | — | 296 | Fine sand with mud. (coral). | Trawl. | Trawl torn on coral slope, reached during haul. 47 ^b is 0.5 mile north of 47 ^a . |
| 48 | " 13 | 8° 4'.7 S. | 118° 44'.3 | 2060 | Fine, grey mud; partially green. | Deep sea trawl. | Trawl brought up pumice stone. |
| 49 | " 14 | 8° 20'.5 S. | 119° 4'.5 | 369 | Coral and shells. | — | — |
| 49a | " 14 | 8° 23'.5 S. | 119° 4'.6 | 69 | Coral and shells. | Dredge. | Sapeh-Strait. |

| No. | DATE. | POSITION. | | DEPTH IN M. | BOTTOM. | OPERATION. | REMARKS. |
|-----|-----------------|-------------------------|--------------------|------------------|---|---|--|
| | | LATITUDE. | LONGITUDE EAST. | | | | |
| 50 | April 16/18 | — | — | up to 40 | Mud, sand and shells, according to locality. | Dredge, trawl and shore-exploration. | Bay of Badjo, West coast of Flores. |
| 51 | " 19 | — | — | From 69 to 91 | Fine grey sand; coarse sand with shells and stones. | Dredge and trawl. Shore-explor. | Madura-bay and other localities in the southern part of Molo-strait. |
| 52 | " 20 | 9° 3'.4 S. | 119° 56'.7 | 959 | Globigerina ooze. | Deep sea trawl. | — |
| 53 | " 21/22 | — | — | up to 36 | Coral sand; near the shore mud. | Trawl and Shore- explor. | Bay of Nangamessi, Sumba. |
| 54 | " 23 | 10° 21' S. | 121° 1'.8 | 779 | Fine, grey mud. Sand whit fine mud. | — | Position from bearings. According to observations of the sun the real longitude was 4' more to the West. |
| 55 | " 23 | 10° 24'.8 S. | 121° 11'.5 | 1456 | Fine grey mud. | — | Wire parted, lost thermometer, lead and 500 M. of wire. |
| 56 | " 23 | 10° 27'.3 S. | 121° 24'.2 | 1480 | Fine grey mud; foraminiferae. | — | — |
| 57 | " 24 | 10° 29' S. | 121° 28'.7 | 1419 | Foraminiferae ooze. | — | — |
| 58 | " 25 | — | — | up to 27 | Sand. | Dredge and shore- exploration. | Anchorage off Seba, Savu. |
| 59 | " 26 | 10° 22'.7 S. | 123° 16'.5 | 390 | Coarse coralsand with small stones. | Dredge. | Western entrance Samau-strait. |
| 60 | " 27/28 | — | — | 23 | Lithothamnion in 3 M. and less. Reef. | Shore-exploration. | Haingsisi, Samau Island, Timor. |
| 61 | May 1/2 | — | — | 20 | Coral and sand. | Shore-exploration. | Lamakwera, Solor-Island. |
| 61a | " 2 | — | — | 31 | Coral. | Shore-exploration. | North coast of Adonara. |
| 62 | " 3 | 7° 57'.3 S. | 122° 9' | 2570 | Fine, grey mud. | — | — |
| 63 | " 3 | 7° 37'.2 S. | 122° 3'.5 | 2560 | Fine, grey mud. | — | — |
| 64 | " 4/5 | — | — | up to 32 | Coral, coralsand. | Trawl, dredge and shore-exploration. | Kambaragi-bay, Tanah Djampeah. |
| 65 | " 6 | 7° 0' S. | 120° 34'.5 | 510 | Pale, grey mud. | — | — |
| 65a | " 6 | very near station 65 | — | From 400 | Same, changing during haul into coral bottom. | Dredge. | Depth changed rapidly during haul, diminishing to 120 M. coral bottom, in which dredge was caught and broke. |
| 66 | " 7/8 | — | — | 8 to 10 | Dead coral; Halimeda; Lithothamnion. | Dredge. | Bank between islands of Bahuluwang and Tambulungan, south of Saleyer. |
| 67 | " 9 | 6° 26'.1 S. | 120° 41' | 1627 | Foraminif. ooze. | — | — |
| 68 | " 9 | 6° 1'.5 S. | 120° 45'.5 | 3110 | Globigerina ooze. | — | — |
| 69 | " 9 | 5° 35'.2 S. | 120° 42'.1 | 1196 | Fine, grey mud. | — | — |
| 70 | " 10 | 6° 19'.5 S. | 119° 52' | 1091 | Fine, grey mud. | — | — |
| 71 | " 10— June 7 | — | — | up to 32 | Mud. Sand with mud. Coral. | Dredge, tordnet and shore-exploration. | Makassar and surroundings. (Pulu Barang, Samalona, Ley-Ley, mouth of Tello-river). |
| 72 | " 8 | 5° 9'.2 S. | 119° 8'.2 | 58 | Hard. | Hensen quantitative net. | From 45 M. to surface. |
| 73 | " 8 | 5° 8'.5 S. | 119° 2'.5 | 360 (chart) | Hard. | Hensen quantitative net. | From 45 M. to surface. 2 miles West of edge of Spermonde-bank. |
| 74 | " 8 | 5° 3'.5 S. | 119° 0' | 450 (chart) | Globigerina ooze (obviously a thin layer). | Trawl. | — |

| No. | DATE. | POSITION. | | DEPTH IN M. | BOTTOM. | OPERATION. | REMARKS. |
|-----------------|---------|-------------|--------------------|------------------|---|--|---|
| | | LATITUDE. | LONGITUDE EAST. | | | | |
| 75 | June 8 | 4° 57'.4 S. | 119° 2'.8 | 18 | — | Hensen vertical net. | From 11 M. to surface; electric light |
| 76 | " 9 | 4° 22'.1 S. | 118° 16'.9 | 2029 | Fine, grey mud. (Globigerina). | Deep sea trawl. | in net. |
| 77 | " 10 | 3° 27' S. | 117° 36' | 59 | Fine, grey coralsand. | Dredge. | Borneo-bank. |
| 77 ^a | " 10 | 3° 24' S. | 117° 36' | 59 | Fine, grey coralsand. | Trawl. Hensen quantitative net. | Borneo-bank. These catches were numbered 77. |
| 78 | " 10/11 | — | — | 34 | Coral and coralsand. | Shore-exploration. | Lumu-Lumu-shoal, Borneo-bank. |
| 79 | " 12 | 2° 43' S. | 117° 44' | From 41 to 54 | Fine coralsand. | Trawl. Hensen quantitative net. | Borneo-bank. |
| 79 ^a | " 12 | 2° 38'.5 S. | 117° 46' | 54 | Fine coralsand. | Trawl. Hensen quantitative net. | Borneo-bank; 5 miles NNE from station 79. |
| 79 ^b | " 12/13 | — | — | 22 | Coralsand. | Shore-explor. | Pulu Kabala-dua, Borneo-bank. |
| 80 | " 13 | 2° 25' S. | 117° 43' | From 50—40 | Fine coralsand. | Trawl. Hensen quantitative net. | Borneo-bank. Quantit. net From 34 M. to surface. |
| 81 | " 14 | — | — | 34 | Coral bottom and Lithothamnion. | Hensen vertical net. Dredge, and shore- exploration. | Electric light in vertical net. Pulu Sebangkatan, Borneo-bank. |
| 82 | " 15/16 | — | — | — | — | Collecting fishes, etc. | Batu Pangal, Kutei-(Mahakkam-) river. |
| 83 | " 16 | 0° 40'.5 S. | 118° 26'.6 | 2400 | Fine, grey mud. | — | — |
| 84 | " 17 | 0° 40'.5 S. | 119° 4' | 1624 | Fine, grey mud. | — | — |
| 85 | " 17 | 0° 36'.5 S. | 119° 29'.5 | 724 | Fine, grey mud. | Trawl. | — |
| 86 | " 18/19 | — | — | 36 | Fine, grey mud (river-mud). | Trawl, and Shore- exploration. | Anchorage off Dongala, Palos-bay, Celebes. |
| 87 | " 19 | 0° 32' S. | 119° 39'.8 | 655 | Fine, grey mud. | Trawl. | Trawl was evidently overset before reaching bottom; net came up in pieces. |
| 88 | " 20 | 0° 34'.6 N. | 119° 8'.5 | 1301 | Fine, grey mud. Trawl chiefly brought up yellow mud. | Deep sea trawl. | — |
| 89 | " 21 | — | — | 11 | Coral. | Shore-exploration. | Pulu Kaniungan ketjil. |
| 90 | " 21 | 1° 17'.5 N. | 118° 53' | 281 | Coral sand and stones. | Dredge. | Dredge came up with one arm broken. |
| 91 | " 22 | — | — | up to 54 | Hard coral sand. Coral at anchorage. Lithothamnion near the islands. | Trawl and dredge. Shore-explor. | Moearas-reef, inner side: East coast of Borneo. Karang Lintang and Pulu Palabangan. Island. |
| 92 | " 23 | 3° 7' N. | 119° 22' | 3975 | Bluish mud, mixed with yellow-red patches and stripes. | Deep sea trawl. | In consequence of defective working of brake cable evidently kinked and parted, when hauling in, net being very heavy and nearly at the surface. |
| 93 | " 24/25 | — | — | 12 | Lithothamnion-bottom Sand and coral. | Dredge, town-net, Shore-explor. | Pulu Sanguisiapo, Tawi-Tawi-islands, Sulu-archipelago. |
| 94 | " 26 | 5° 11'.2 N. | 119° 35'.4 | 450 (chart). | Apparently sand and stone. | Trawl. | Trawl was overset before reaching bottom. |
| 95 | " 26 | 5° 43'.5 N. | 119° 40' | 522 | Stony bottom. | Dredge. | — |
| 96 | " 27 | — | — | 15 | Lithothamnion- bottom. | Dredge. Tow-net. | South-east side of Pearl-bank. Sulu- archipelago. |
| 97 | " 28 | 5° 48'.7 N. | 119° 49'.6 | 564 | Coarse, coralsand. | Dredge. | Dredge-net torn to pieces. |
| 98 | " 28 | 6° 9' N. | 120° 21' | 350 | Sand. | Dredge. | Contained nothing but fine sand. |

| No. | DATE. | POSITION. | | DEPTH IN M. | BOTTOM. | OPERATION. | REMARKS. |
|------------------|-------------------|-------------|---------------------|-----------------|------------------------------------|---|--|
| | | LATITUDE. | LONGITUDE. EAST. | | | | |
| 99 | June 28/ 29/30 | 6° 7'.5 N. | 120° 26' | 16—23 | Lithothamnion-bottom. | Dredge. Tow-net. | Anchorage off North-Ubian. June 28 and 29 to the West; June 30 to the East of the island. |
| 100 | " 29 | 6° 11' N. | 120° 37'.5 | 450 (chart). | Dead coral. | Dredge. | Dredge full of dead coral; nearly no animals. |
| 101 | " 30 | 6° 15' N. | 120° 21' | 1270 | Fine, grey mud. (Globigerinae). | Deep sea trawl. | Sulu-sea. |
| 102 | July 1 | 6° 4'.1 N. | 120° 44' | 535 | Fine, yellow sand. | Dredge. | Dredge full of fine yellow sand; nearly no animals. |
| 103 | " 1 | 6° 4'.2 N. | 120° 51'.3 | 126 (chart). | — | Dredge. | Came up quite empty. |
| 104 | " 2/3 | — | — | 14 | Sand. | Dredge and Tow-net. | Sulu-harbour, Sulu-island. |
| 105 | " 4 | 6° 8' N. | 121° 19' | 275 | Coralbottom. | Dredge. | Very short haul, dredge nearly immediately being caught in the bottom. |
| 106 | " 4 | — | — | 13 | Coralbottom. | Dredge. Townt. | Anchorage off Kapul-island, Sulu-archipelago. |
| 107 | " 5 | 6° 1'.5 N. | 121° 28' | 580 (chart). | Probably hard rock. | Dredge. | Channel between the islands of Sulu and Bangalao. |
| 108 | " 5 | 6° 10'.3 N. | 121° 32' | 73 (chart). | Hard, probably coral. | Dredge. | Dredge broken and lost. |
| 109 | " 5/6 | — | — | 13 | Lithothamnion-bottom. | Dredge, Townt. | Anchorage off Pulu Tongkil, Sulu-archipelago. |
| 110 | " 6 | 4° 34' N. | 122° 0' | — | — | Townt. | — |
| 111 | " 7 | 3° 19' N. | 122° 2' | 4902 | — | Townt. | No more wire on drum. |
| 112 | " 7 | 3° 1' N. | 122° 2' | — | — | Horizontal cylinder. Fowler closing net. | Towed over, a distance of 7 miles.— Closing net from 600 to 300 M. depth. |
| 113 | " 8 | 1° 37' N. | 122° 37' | — | — | Fowler closing net. | From 600 to 300 M. depth. Net quite empty, was supposed to be closed accidentally in consequence of the short, high sea. |
| 114 | " 8 | 0° 58'.5 N. | 122° 55' | 75 (chart). | Hard sand, very fine. | Dredge. | Kwandang-bay-entrance. |
| 115 | " 9/11 | — | — | — | — | Reef-exploration. | East side of Pajunga I. Kwandang-bay. |
| 116 | " 12 | 0° 58'.5 N. | 122° 42'.5 | 72 (chart). | Fine sand with mud. | Dredge. | West of Kwandang-bay-entrance. |
| 117 | " 12 | 1° 0'.5 N. | 122° 56' | 80 (chart). | Sand and coral. | Trawl. | Kwandang bay-entrance. |
| 117 ^a | " 12 | 1° 15' N. | 123° 37' | — | — | Townt. | — |
| 118 | " 13 | 1° 38' N. | 124° 28'.2 | — | — | Hensen vertical net. | From 900 M. to surface. |
| 119 | " 13 | 1° 33'.5 N. | 124° 41' | 1901 | Stony bottom. | — | — |
| 120 | " 13 | 1° 33'.7 N. | 124° 46'.5 | 368 | Stone. | Deep sea trawl. | Trawl came up in an oblique position binding being broken. |
| 121 | " 14/16 | — | — | 55 | — | Shore-exploration. | Menado-anchorage. |
| 122 | " 17 | 1° 58'.5 N. | 125° 0'.5 | 1264— 1165 | Stone. | Deep sea trawl. | Depths according to chart. |
| 123 | " 17/18 | — | — | 36—27 | Stone and Lithothamnion-bottom. | Dredge. | North-bay. Biaru-island. |

| No. | DATE. | POSITION. | | DEPTH IN M. | BOTTOM. | OPERATION. | REMARKS. |
|-----|-------------------|-------------|--------------------|------------------|--|--|--|
| | | LATITUDE. | LONGITUDE EAST. | | | | |
| 124 | July 18 | 2° 27' N. | 125° 35' | 1327 (chart). | Stone. | Deep sea trawl. | Trawl-iron bent. |
| 125 | " 18/19 | — | — | 27 | Stone and some Lithothamnion. | Reef-exploration. Dredge. Towntet. Monaco-trap. | Anchorage off Sawan, Siau-island. In 90 M. depth, came up empty. |
| 126 | " 20 | 3° 27'.1 N. | 125° 18'.7 | 2053 | Hard. (Traces of fine dark, hard sand). | Deep sea trawl. | — |
| 127 | " 20/21 | — | — | 45 | Fine, darkcoloured sand. | Trawl. Reef-exploration. | Taruna-bay, Great-Sangir-island. |
| 128 | " 22 | 4° 27' N. | 125° 25'.7 | 1645 | Globigerina ooze. | Hensen vertical net. | From 700 M. to surface. |
| 129 | " 22/23 | — | — | 23—31 | Sand. | Reef-exploration. Dredge. Towntet. | Anchorage off Kawio- and Kamboling- islands, Karkaralong-group. |
| 130 | " 23 | 5° 0' N. | 125° 26'.5 | 1638 | Hard shell-bottom. | — | — |
| 131 | " 24/25 | — | — | 13 | Mud and sand. | Reef-exploration. | Anchorage off Beo, Karakelang-islands. |
| 132 | " 25 | 5° 56'.7 N. | 126° 25' | 3302 | Fine, grey and blueish mud. | — | — |
| 133 | " 25/27 | — | — | up to 36 | Mud and hard sand. | Trawl, dredge and reef-exploration. Towntet. | Anchorage off Lirung, Salibabu- island. |
| 134 | " 28 | 2° 50'.5 N. | 126° 53'.7 | 2291 | Fine, brown mud. | Deep sea trawl. | Trawl did not reach the bottom. |
| 135 | " 29 | 1° 34' N. | 126° 54' | 1994 (chart). | Coarse grey, sandy bottom. | Deep sea trawl. | — |
| 136 | " 29— August 3 | — | — | 23 | Mud and stone. | Towntet. | Ternate anchorage. |
| 137 | " 3 | 0° 23'.8 N. | 127° 29' | 472 | Fine, dark muddy sand. | Dredge. | Channel between Makjan and Hal- maheira. |
| 138 | " 3 | — | — | 66 | Coral. | Towntet. | Anchorage on the east coast of Kajoa- island. |
| 139 | " 4 | 0° 11' S. | 127° 25' | 397 | Mud stones and coral. | Trawl. | — |
| 140 | " 4/5 | — | — | 13 | Mud. | Tow-net. | Bay of Batjan. |
| 141 | " 5 | 1° 0'.4 S. | 127° 25'.3 | 1950 | Very fine, hard sand. | Hensen vertical net. | From 1500 M. depth to surface. |
| 142 | " 5/7 | — | — | 23 | Mud. | Hensen vertical net Towntet, dredge and reef-explor. | Anchorage off Laiwui, coast of Obi Major. Electric light in vertical net. |
| 143 | " 7 | 1° 4'.5 S. | 127° 52'.6 | 1454 | Fine, grey mud. | Hensen vertical net. | From 1000 M. depth to surface. |
| 144 | " 7/9 | — | — | 45 | Coral bottom and Lithothamnion. | Dredge, townet and reef-explor. | Anchorage north of Salomakiëe- (Damar-) island. |
| 145 | " 9 | 0° 54' S. | 128° 39'.9 | 827 | Hard. Pumicestone. | Deep sea trawl. | Lost water-cup and thermometer in consequence of bad working of counter. |
| 146 | " 9 | 0° 36' S. | 128° 32'.7 | 512 | Coral sand, fine and coarse. | Towntet. | 2½ miles north of eastern Widi-group. |
| 147 | " 10 | 0° 22'.7 S. | 128° 52'.7 | 2039 | Fine bluish mud. | — | — |
| 148 | " 10 | 0° 17' 6 S. | 129° 14'.5 | 1855 | Fine, grey and green mud. | Hensen vertical net. | From 1000 M. depth to surface. |
| 149 | " 10/11 | — | — | 31 | Coral. | Towntet. | Fau-anchorage and lagune. West coast of Gebé-island. |
| 150 | " 11 | 0° 6' N. | 129° 7'.2 | 1089 | Yellow grey mud and sand. Stones. | Reef-exploration. Trawl. | Trawl torn to pieces; fore-beam bent; obviously met with very rough bottom. |

| No. | DATE. | POSITION. | | DEPTH IN M. | BOTTOM. | OPERATION. | REMARKS. |
|------|-----------|-------------|--------------------|----------------|--|-------------------------------------|--|
| | | LATITUDE. | LONGITUDE EAST. | | | | |
| 151 | August 12 | 0° 12'.6 S. | 129° 48' | 845 | Fine grey mud with coarse particles. | — | — |
| 152 | " 12/13 | — | — | 32 | Lithothamnion-bottom. | Dredge, townet and reef-explor. | Wunoh-bay, N.W.-coast of Waigeu-island. |
| 153 | " 14 | 0° 3'.8 N. | 130° 24'.3 | 141 | Fine and coarse sand with dead shells. | Dredge. | — |
| 154 | " 14 | 0° 7'.2 N. | 130° 25'.5 | 83 | Grey muddy sand, shells and Lithothamnion. | Dredge. | Depth decreased till 59 M. during this haul. |
| 155 | " 14 | — | — | 58 | Coral sand. | Shore-exploration. | Anchorage in Piapis-bay (Telok Sapira) Northwest coast of Waigeu-island. |
| 156 | " 15 | 0° 29'.2 S. | 130° 5'.3 | 469 | Coarse sand and broken shells. | Dredge. | Dredge-net came up in pieces. |
| 157 | " 15/16 | 0° 32'.9 S. | 130° 14'.6 | 45 | Stone and coarse sand. | Townet, Shore-exploration. | 4½ cables N.N.W. of the North point of Great Fam-island. (Jef-Fam-besar). |
| 158 | " 16 | 0° 43'.5 S. | 129° 56'.5 | 391 | Coral. | — | — |
| 159 | " 16 | 0° 59'.1 S. | 129° 48'.8 | 411 | Coarse sand. | Dredge. | — |
| 160 | " 16/17 | — | — | 31 | — | Shore-exploration. | North-coast of Kofiau-island near Kampong Hebera. |
| 161 | " 17 | 1° 10'.5 S. | 130° 9' | 798 | Muddy sand. | Deep sea trawl. | — |
| 162 | " 18 | — | — | 18 | Coarse and fine sand with clay and shells. | Dredge. | Between Loslos and Broken-islands, West-coast of Salawatti. |
| 163 | " 18/20 | — | — | 29 | Sand and stone, mixed with mud. | Dredge, reef-exploration. | Anchorage near Seget, West-entrance Selee (Galewo-)strait. |
| 164 | " 20 | 1° 42'.5 S. | 130° 47'.5 | 32 | Sand, small stones and shells. | Dredge. | — |
| 165 | " 20/22 | — | — | 49 | — | Dredge, Townet, Reef-exploration. | Anchorage on North-east side of Daram-island (False Pisangs), East-coast of Misool. |
| 166 | " 22 | 2° 28'.5 S. | 131° 3'.3 | 118 | Hard, coarse sand. | Trawl. | — |
| 167 | " 22 | 2° 35'.5 S. | 131° 26'.2 | 95 | — | Trawl. | — |
| 168 | " 22/23 | — | — | 63 | — | Townet. | Anchorage North of Sabuda-island. |
| 169 | " 23/25 | — | — | 57 | Mud. | Trawl, dredge, townet, reef-explor. | Anchorage off Atjatuning, West-coast of New-Guinea. |
| 170 | " 26 | 3° 37'.7 S. | 131° 26'.4 | 924 | Fine grey mud. | Deep sea trawl. | — |
| 171 | " 26 | 3° 46'.3 S. | 131° 9'.3 | 470 | Fine grey mud. | — | — |
| 172 | " 26/28 | — | — | 18 | Coral- and Lithothamnion-bottom. | Townet, reef-exploration. | Gisser; anchorage between this island and Ceram-Laut. |
| 173 | " 28 | 3° 27'.0 S. | 131° 0'.5 | 567 | Fine, yellow grey mud. | Deep sea trawl. | — |
| 174 | " 28/29 | — | — | 18 | Mud. | Dredge. Townet. Reef-exploration. | Waru-bay, North coast of Ceram. |
| 175 | " 30 | 2° 37'.7 S. | 130° 33'.4 | 1914 | Fine, grey and green mud. | Deep sea trawl. | — |
| 176 | " 30/31 | — | — | 36 | Mud and stones. | Shore- and reef-exploration. | Anchorage off Lilintah, South coast of Misool. |
| 177 | Sept. 1 | 2° 24'.5 S. | 129° 38'.5 | 1633 | Dead coral and stones, covered with manganese. | Dredge. | Dredged a large quantity of dead coral and stones with very few animals. During haul depth diminished till 1300 M. |
| 177a | " 1 | 2° 30' S. | 129° 28' | — | — | Townet. | — |

| No. | DATE. | POSITION. | | DEPTH IN M. | BOTTOM. | OPERATION. | REMARKS. |
|------|---------|-------------|--------------------|----------------|------------------------|--|--|
| | | LATITUDE. | LONGITUDE EAST. | | | | |
| 178 | Sept. 2 | 2° 40' S. | 128° 37'.5 | 835 | Blue mud. | Deep sea trawl. | — |
| 179 | " 2/3 | — | — | 36 | Stony bottom. | Dredge, townet and Shore-exploration. | Kawa-bay, West coast of Ceram. |
| 180 | " 4 | — | — | 48 | Stone and sand. | Land-exploration. | North coast of Pulu Kelang. |
| 181 | " 5/11 | — | — | 36—54 | Mud, sand and coral. | Dredge and trawl, reef-exploration. | Ambon-anchorage. |
| 182 | " 11 | 3° 46' S. | 127° 42' | 3702 | Bluish grey mud. | — | — |
| 183 | " 11 | 3° 29' S. | 127° 33' | 1820 | — | — | — |
| 184 | " 11/12 | — | — | 36 | Coral, sand. | Dredge, Townet. | Anchorage off Kampong Kelang, South coast of Manipa-island. |
| 185 | " 12 | 3° 20' S. | 127° 22'.9 | 1536 | — | Hensen vertical net. | Manipa-strait. From 1536 M. to sur- face. |
| 186 | " 12 | 3° 10'.5 S. | 127° 20'.5 | 940 | Rock. | — | North side of Manipa-strait. |
| 187 | " 12 | 3 12'.8 S. | 127° 26' | 1195 | Hard. (Rock?) | — | North side of Manipa-strait. |
| 188 | " 12 | 3° 13' S. | 127° 13'.8 | 1067 | Gravel coarse sand. | — | North side of Manipa-strait. |
| 189 | " 12 | 2° 48'.3 S. | 127° 13' | 2124 | Fine, grey mud. | — | — |
| 189a | " 12 | 2° 22' S. | 126° 46' | — | — | Townet. | — |
| 190 | " 13 | 2° 19' S. | 126° 23'.5 | 4082 | Fine bluish green mud. | — | — |
| 191 | " 13 | 2° 8'.7 S. | 126° 10'.4 | 2694 | Bluish green mud. | — | — |
| 192 | " 13 | 2° 6'.3 S. | 126° 5'.5 | 1020 | Fine sand. | — | 5 miles East of Sula Besi-island. |
| 193 | " 13/14 | — | — | 22 | Mud. | Reef-exploration. | Sanana-bay, East coast of Sula Besi |
| 194 | " 15 | 1° 53'.5 S. | 126° 39' | 1504 | Stone. | Townet. Horizontal cylinder. | Cylinder towed over a distance of 25 miles, with a speed of 7 to 8 knots. |
| 195 | " 15 | 1° 55' S. | 126° 50'.7 | 1476 | Stone. | Townet. | — |
| 196 | " 15 | 1° 52'.8 S. | 127° 6' | 2001 | Stone. | Townet. | — |
| 197 | " 15 | 1° 45'.3 S. | 127° 8'.3 | 680 | Not obtained. | Townet. Horizontal cylinder. | From this station towed horizontal cylinder over a distance of 90 miles. |
| 198 | " 16 | 2° 49'.4 S. | 126° 17' | 4113 | Bluish, green mud. | Townet. | — |
| 199 | " 16 | 2° 55'.5 S. | 126° 4'.5 | 2000 | — | Townet. | Wire parted, close to stray line (twisted off by strong rotation, probably caused by thermometer-screw). |
| 200 | " 16/17 | — | — | up to 54 | Mud and stone. | Dredge and Shore-exploration. | Bara-bay, North coast of Buru-island. |
| 201 | " 18 | 3° 3'.9 S. | 125° 59' | 2693 | Green mud. | — | — |
| 202 | " 18 | 3° 15' S. | 125° 43'.8 | 3088 | Grey and green mud. | Horizontal cylinder. | Towed cylinder over a distance of about 23 miles (speed 7 knots). |
| 202a | " 18 | 3° 18' S. | 125° 18' | 500 | — | — | — |
| 202b | " 18 | 3° 19' S. | 125° 9'.5 | 500 | — | — | — |
| 202c | " 18 | 3° 19' S. | 125° 4'.5 | 500 | — | — | — |
| 202d | " 18 | 3° 14'.2 S. | 124° 59' | 500 | — | Horizontal cylinder. | Towed cylinder over a distance of about 50 miles, with a speed of 8 knots. |

| No. | DATE. | POSITION. | | DEPTH IN M. | BOTTOM. | OPERATION. | REMARKS. |
|------|--------------------|-------------|---------------------|-----------------|--|-------------------------------------|--|
| | | LATITUDE. | LONGITUDE. EAST. | | | | |
| 203 | Sept. 19 | 3° 32'.5 S. | 124° 15'.5 | 4892 | — | Hensen vertical net. | No more wire on drum. Vertical net |
| 204 | " 20 | 4° 20' S. | 122° 58' | From 75—94 | Sand with dead shells. | Dredge and townet. | from 1500 M. depth to surface. |
| 205 | " 20 | — | — | 22 | Sandy mud. | Dredge and townet. | Between islands of Wowoni and Buton; Northern entrance of Buton-strait. |
| 206 | " 21 | 4° 58' S. | 122° 42' | 51 | Fine, green mud. | Trawl. | Lohio-bay, Buton-strait. |
| 207 | " 21 | 5° 7'.5 S. | 122° 39' | 148 | Grey mud. | Trawl. | Buton-strait. Trawl was overset and came up torn to pieces. |
| 208 | " 22 | 5° 39' S. | 122° 12' | 1886 | Solid green mud. | Deep sea trawl. | Buton-strait. Net torn. |
| 209 | " 23 | — | — | 22 | Coarse sand. | Dredge. Reef-explo- ration. | — |
| 210 | " 24 | 5° 28' S. | 121° 23'.5 | 2218 | Grey mud, upper layer more liquid and brown. | — | Anchorage off the south point of Kabaena-island. |
| 210a | " 24 | 5° 26' S. | 121° 18' | 1944 (chart) | Same as at preceding station; pumice-stone. | Deep sea trawl. | — |
| 211 | " 25 | 5° 40'.7 S. | 120° 45'.5 | 1158 | Coarse grey mud, super- ficial layer more liquid and brown. | Deep sea trawl. | — |
| 212 | " 26 | 5° 54'.5 S. | 120° 19'.2 | 462 | Fine grey and green mud. | Deep sea trawl. | — |
| 213 | " 26— Octob. 26 | — | — | up to 36 | Coralreefs, mud and mud with sand. | Trawl, townet, reef-exploration. | Saleyer-anchorage and Surroundings, including Pulu Pasi Tanette, near the North point of Saleyer-island. |
| 214 | " 27 | 6° 30' S. | 121° 55' | 2796 | Grey and green mud superficial layer more liquid and brown. | Deep sea trawl. | Cable kinked, net fouled. |
| 215 | " 28/29 | — | — | 701 | Stone. | Reef-exploration. | Sounding due West, 1300 M. distant from the North point of Kabia-island reef. |
| 215a | " 29 | — | — | 500 | Stone. | Manaco-trap. | West 1000 M. distant from North point of Kabia-island reef. |
| 216 | " 30 | 6° 49' S. | 122° 43' | 2190 | Solid grey and green mud, superficial layer more liquid and brown. | Fowler closing net. | From 975—415 M. depth. |
| 217 | " 31 | 6° 40'.6 S. | 123° 14'.7 | 2477 | Same as at station 216. | Deep sea trawl. | — |
| 218 | Nov. 1 | 6° 24'.2 S. | 123° 39'.1 | 3912 | Solid bluish grey mud, 25 mM. thick, upper layer more liquid and brown. | Townet. Horizontal cylinder. | — |
| 219 | " 1 | 6° 2' S. | 123° 57'.7 | 1573 | Grey mud. | — | About 5 miles Southwest of Binongka- island. |
| 219a | " 1 | — | — | 323 | Coral sand. | — | About 1000 M. Southwest of Popa- liha, Binongka-island. |
| 219b | " 1 | — | — | 292 | Coral sand. | — | About 500 M. Southwest of Popaliha. |
| 219c | " 1 | — | — | 307 | Coral sand. | — | 600 M. Southwest of Popaliha. |

| No. | DATE. | POSITION. | | DEPTH IN M. | BOTTOM. | OPERATION. | REMARKS. |
|------|-------------|--|--------------------|----------------|---|---|---|
| | | LATITUDE. | LONGITUDE EAST. | | | | |
| 220 | Nov. 1/3 | — | — | 278 | Coral sand. | Townet. Reef-exploration. Dredge. Hensen vertical net. | Anchorage off Pasir Pandjang, west coast of Binongka. In 55 M. depth, close to the reef. By day from 200 M. depth; at night about 10 M. with electric light in net. |
| 221 | " 4 | 6° 24' S. | 124° 39' | 2798 | Solid bluish grey mud with foraminiferae, covered by a 5 cM. thick layer of brown mud, uppermost layer of foraminiferae. | Deep sea trawl. Horizontal cylinder, towed during 4 hours. | Depth was presumed to have increased till 3112 M. during this haul. |
| 222 | " 5 | 6° 10' S. | 125° 35'.5 | 3215 | Same as at Station 221, without superficial layer of foraminiferae. | Townet. Horizontal cylinder, towed 50 miles. | — |
| 223 | " 6 | 5° 44'.7 S. | 126° 27'.3 | 4391 | A 14 cM. thick layer of brown and black mud, underneath gradually changing into bluish grey mud, the whole bottom specimen being 28 cM. high. | Deep sea trawl. | The fore trawl beam not being provided with openings, was totally crushed by the water pressure. |
| 224 | " 7 | 5° 34' S. | 127° 4' | 2952 | Bluish grey mud with an upper layer of brown mud. | Horizontal cylinder. | — |
| 225 | " 8 | 5700 M. N. 279° E. from Southpoint of South-Lucipara-island. | | 894 | Coral and shells. | Horizontal cylinder. | Towed for 4 hours. |
| 225a | " 8 | 2100 M. N. 255° E. from same. | | 510 | Small stones and shells. | — | — |
| 225b | " 8 | 2100 M. N. 195° E. from same. | | 421 | Coral and stone. | — | — |
| 225c | " 8/10 | 2700 M. N. 185° E. from same. | | 646 | Stone. | Townet and reef-exploration. | Anchorage south of Lucipara-group. (Stop-anchor with 1000 M. of cable). |
| 225d | " 8 | 6900 M. N. 209° E. from same. | | 828 | Stone. | — | — |
| 225e | " 8 | 6000 M. N. 258° E. from same. | | 1047 | Coral sand. | — | — |
| 225f | " 11 | 11900 M. N. 277° E. from same. | | 1702 | A mixture of coral sand, mud and a solid calcareous sediment. | — | — |
| 225g | " 11 | 16300 M. N. 280° E. from same. | | 1811 | Hard. | — | — |
| 225h | " 11 | 6900 M. N. 175° E. from same. | | 1092 | Coral sand. | — | — |
| 226 | " 11 and 12 | 5° 26'.7 S. | 127° 36'.5 | 1595 | Hard. Obtained none but some small stones in dredge. | Dredge. Horizontal cylinder. | Mid channel between the Lucipara- and Schildpad-islands. |
| 227 | " 13 | 4° 50'.5 S. | 127° 59' | 2081 | Grey mud with an upper layer of brown mud, both mixed with sand. | Deep sea trawl. | — |

| No. | DATE. | POSITION. | | DEPTH IN M. | BOTTOM. | OPERATION. | REMARKS. |
|-----|---------------------|-------------|--------------------|----------------|--|--|--|
| | | LATITUDE. | LONGITUDE EAST. | | | | |
| 228 | Nov. 14 | 4° 32'.5 S. | 128° 30'.5 | 2527 | Same as at Station 227, but without sand. | Horizontal cylinder. | — |
| 229 | " 14 | 4° 23' S. | 128° 45'.5 | 1980 | Brown and grey mud with much sand. | Townet. | — |
| 230 | " 14 | 3° 58' S. | 128° 20' | — | — | Hensen vertical net. Horizontal cylinder. | From a depth of 2000 M. to surface. |
| 231 | " 14/18 | — | — | 40 | Coralsand. | Reef-exploration. | Ambon-anchorage. |
| 232 | " 19 | — | — | 634 | Coral sand and shells. | — | Mid channel in Ambon-bay-entrance. |
| 233 | " 19 | 3° 56' S. | 128° 25'.5 | 4489 | Fine bluish green mud, apparently of a uniform composition. | — | — |
| 234 | " 19/20 | — | — | 46 | Stony. | Reef-exploration. | Nalahia-bay, Nusa-Laut-island. |
| 235 | " 21 | 3° 42' S. | 129° 2'.9 | 1910 | Grey mud, upper layer 5 cM. thick, coffee brown | — | Although weights did not slip, sounder contained a 18 cM. high bottomspecimen |
| 236 | " 21 | 3° 45'.2 S. | 129° 20'.2 | 3685 | Fine, dark grey and green mud. | — | — |
| 237 | " 21 | 4° 2' S. | 129° 20'.3 | 4507 | Traces of dark grey mud. | — | — |
| 238 | " 22 | 4° 19'.5 S. | 129° 20'.8 | 4428 | Upper layer of mud liquid, dark greenish grey. Second layer: brown, 9 cM. thick, third layer: very fine bluish green. | — | Although weights did not slip, sounder contained a bottom-specimen of 36 cM. height. |
| 239 | " 22 | 4° 12' S. | 129° 20'.4 | 4446 | Same as at station 238. | — | — |
| 240 | " 22 till Dec. 1 | — | — | From 9 —45 | Black sand. Coral. Lithothamnion bank in 18—36 M. | Trawl, dredge and reef-exploration. | Banda-anchorage. |
| 241 | Dec. 1 | 4° 24'.3 S. | 129° 49'.3 | 1570 | Dark sand with small stones. | Blake dredge. | — |
| 242 | " 2 | 4° 30' S. | 129° 20' | 4237 | Upper layer: liquid, bluish green mud; second layer: brown mud, 4 cM. thick; third layer: brown- ish grey clotty clay. | — | — |
| 243 | " 2 | 4° 30'.2 S. | 129° 25' | — | — | Hensen vertical net. | From a depth of 1000 M. to surface |
| 244 | " 3 | 4° 25'.7 S. | 130° 3'.7 | 2991 | Fine bluish green mud, with more solid particles. | — | — |
| 245 | " 3 | 4° 16'.5 S. | 130° 15'.8 | 4956 | Traces of bluish green mud. | Townet. | — |
| 246 | " 4 | 4° 38' S. | 130° 42' | 5684 | Solid fine greyish green mud with a rather brown upper layer. | Horizontal cylinder. | Having been towed over a distance of 33 miles with a speed of 3 knots. |
| 247 | " 4 | 4° 41'.6 S. | 131° 19' | 4239 | Fine bluish grey mud of uniform composition; upper layer of liquid brown mud. | — | — |
| 248 | " 4/5 | — | — | Till 54 | — | Dredge, townet and reef-exploration. | Anchorage off Rumah Lusi, North- point of Tiur-island. |

| No. | DATE. | POSITION. | | DEPTH IN M. | BOTTOM. | OPERATION. | REMARKS. |
|------|-------------|-------------|--------------------|----------------|---|---------------------------------------|--|
| | | LATITUDE. | LONGITUDE EAST. | | | | |
| 249 | Dec. 6 | 4° 56'.1 S. | 131° 58'.4 | 192 | Hard. Only traces of coral sand on sounder. | Blake dredge. | Depth being considerably increased during haul, dredge did not reach bottom with 520 M. of cable. |
| 250 | " 6/7 | — | — | 20—45 | Coral and Lithothamnion. | Dredge and reef-exploration. | Anchorage off Kilsuin, West-coast of Kur-island. |
| 251 | " 8 | 5° 28'.4 S. | 132° 0'.2 | 204 | Hard coral sand. | Trawl. | Trawl brought up pieces of grey clay and manganese nodules, the interior of which consisted of dry clay. |
| 251a | " 8 | 5° 28'.5 S. | 132° 0'.5 | 238 | Traces of hard coral sand. | Blake dredge. | Catch combined with preceding. Dredge brought up dead shells, etc. |
| 252 | " 8/9 | — | — | 9—36 | — | Dredge, trownet and reef-exploration. | West side of Taam-island. |
| 253 | " 10 | 5° 48'.2 S. | 132° 13' | 304 | Grey clay, hard and crumbly. | Trawl. | — |
| 254 | " 10 | 5° 40' S. | 132° 26' | 310 | Fine, grey mud. | Trawl. | — |
| 255 | " 11 | — | — | 22 | Coral. | Dredge. | Anchorage off Er-island, Kei-islands. |
| 256 | " 11 | 5° 26'.6 S. | 132° 32'.5 | 397 | Greyish green mud. | Trawl. | — |
| 257 | " 11 | — | — | Till 52 | Coral. | Blake dredge. | In Du-roa-strait Kei-islands. |
| 258 | " 12/16 | — | — | 22 | Lithothamnion; sand and coral. | Reef-exploration. Dredge. | Tual-anchorage, Kei-islands. |
| 259 | " 16 | 5° 29'.2 S. | 132° 52'.5 | 487 | Coral sand and dead coral. | Trawl with dredge. | Dredge-iron bent; trawl-net torn. |
| 260 | " 16 and 18 | 5° 36'.5 S. | 132° 55'.2 | 90 | Sand, coral and shells. | Blake dredge. | 2,3 miles N. 63° W. from the North point of Nuhu Jaan, Kei-islands. |
| 261 | " 16/18 | — | — | 27 | Mud. | Dredge. Reef-exploration. | Elat, West coast of Great-Kei-island. |
| 262 | " 18 | 5° 53'.8 S. | 132° 48'.8 | 560 | Solid bluish grey mud upper layer more liquid and brown mud. | Trawl. | — |
| 263 | " 18/19 | — | — | 27 | Sand and coral. | — | Anchorage off Feer, West coast of Great Kei-island. |
| 264 | " 19 | 6° 8'.3 S. | 132° 57'.8 | 2655 | Fine, bluish green mud. | — | — |
| 265 | " 19 | 6° 3'.8 S. | 132° 52'.8 | 3026 | Fine, bluish green mud. | — | 5 miles N. 130° E. from the South point of Great Kei-island. |
| 266 | " 19 | 5° 56'.5 S. | 132° 47'.7 | 595 | Grey mud with coral and stones. | Deep sea trawl. | Net came up torn to pieces. |
| 267 | " 20 | 5° 54' S. | 132° 56'.7 | 984 | Grey mud with a brown upper layer. | Trawl. | Net came up torn to pieces. |
| 268 | " 20 | 5° 53' S. | 132° 56'.3 | 630 | Yellowish grey mud with sand. | — | — |
| 269 | " 20 | 5° 49'.2 S. | 133° 21'.7 | 2731 | Bluish green mud, partially hard, 1 cm. thick, upper layer yellowish brown mud. | — | — |
| 270 | " 20 | 5° 47' S. | 133° 39' | 3565 | Fine bluish green mud. | — | — |
| 271 | " 21 | 5° 46'.7 S. | 134° 0' | 1788 | Bluish green mud of a uniform appearance. | Deep sea trawl. Horizontal cylinder. | In a depth of 1600 M. decreasing to 1520. Cylinder had been towed for 3 hours with a speed of 7 knots. |

| No. | DATE. | POSITION. | | DEPTH IN M. | BOTTOM. | OPERATION. | REMARKS. |
|------|--------------------|--------------|--------------------|----------------|---|-------------------------------------|---|
| | | LATITUDE. | LONGITUDE EAST. | | | | |
| 272 | Dec. 21/23 | — | — | 31 | — | Reef-exploration. | Dobo, Aru-islands. |
| 273 | " 23/26 | — | — | 13 | Sand and shells. | Trawl, dredge and divers. | Anchorage off Pulu Jedan, East coast of Aru-islands. (Pearl-banks). |
| 274 | " 26 | 5° 28'.2 S. | 134° 53'.9 | 57 | Sand and shells. Stones. | Blake dredge. | — |
| 275 | 1900. January 8 | 4° 52'.5 S. | 128° 37' | 4914 | Bluish grey mud with a brown upper layer. | — | — |
| 276 | " 9 | 6° 47'.5 S. | 128° 40'.5 | — | — | Hensen vertical net. | From a depth of 750 M. |
| 277 | " 9/11 | — | — | 45 | Sand, white and black mixed. | Trawl, dredge, reef-exploration. | Kulewatti-(Sollot)-bay, Dammer-island. |
| 278 | " 11 | 7° 24'.9 S. | 128° 2'.3 | 3518 | Hard. Nothing obtained. | — | — |
| 279 | " 11/13 | — | — | 36 | Mud and sand. | Dredge and reef-exploration. | Rumah-Kuda-bay, Roma-island. |
| 280 | " 15 | 8° 17'.4 S. | 127° 30'.7 | 1224 | Dredge brought up glossy, black manganese nodules. | Dredge. | — |
| 281 | " 15 | 8° 20'.6 S. | 127° 25'.9 | 890 | Only traces obtained; presumed to be the same as at station 280. | — | — |
| 282 | " 15/17 | 8° 25'.2 S. | 127° 18'.4 | 27—54 | Sand, coral and Lithothamnion. | Trawl, dredge and reef-exploration. | Anchorage between Nusa Besi and the N.E.-point of Timor. |
| 283 | " 18 | 8° 37'.3 S. | 127° 18'.6 | 487 | Hard. Not obtained. | — | — |
| 284 | " 18 | 8° 43'.1 S. | 127° 16'.7 | 828 | Grey mud. | Deep sea trawl. | Net torn. |
| 285 | " 18 | 8° 39'.1 S. | 127° 4'.4 | 34 | On the limit between mud and coral. Lithothamnion. | Dredge. | Anchorage South coast of Timor. |
| 286 | " 19 | 8° 50'.2 S. | 127° 2'.2 | 883 | Mud, evidently a thin layer. | Deep sea trawl. | — |
| 287 | " 19 | 8° 55'.2 S. | 126° 35'.5 | 216 | Fine, grey mud. | — | — |
| 288 | " 20 | 9° 0'.5 S. | 126° 31'.2 | 869 | Hard; not obtained. | — | — |
| 288a | " 20 | 9° 0'.1 S. | 126° 25'.6 | 100 | Fine, grey mud. | — | — |
| 289 | " 20 | 9° 0'.3 S. | 126° 24'.5 | 112 | Mud, sand and shells. | Trawl. | — |
| 290 | " 20 | 9° 12'.3 S. | 125° 56'.3 | 816 | Not obtained. | — | — |
| 291 | " 20 | 9° 10'.3 S. | 125° 55'.1 | 421 | Very fine, grey mud. | Trawl. | Trawl did not reach te bottom. |
| 292 | " 21 | 9° 11'.7 S. | 125° 47'.3 | 709 | Very fine river-mud. | Trawl. | Net came up torn to pieces. |
| 293 | " 21/22 | 9° 29'.7 S. | 125° 4'.2 | 13 | Mud with fine sand. | Tow net. | Anchorage South coast of Timor |
| 294 | " 23 | 10° 12'.2 S. | 124° 27'.3 | 73 | Soft mud with very fine sand. | Trawl. | — |
| 295 | " 24 | 10° 35'.6 S. | 124° 11'.7 | 2050 | Fine grey mud 3 cM. thick, upper layer more liquid, brown with black stripes. | Deep sea trawl. | — |
| 296 | " 24/26 | 10° 14' S. | 124° 5'.5 | 8—36 | Sandy mud. | Reef-exploration. Dredge and trawl. | Anchorage off Noimini, South coast of Timor. |
| 297 | " 27 | 10° 39' S. | 123° 40' | 520 | Soft, grey mud with brown upper layer. | Deep sea trawl. | Trawl brought up a big piece of a trunk. |
| 298 | " 27 | 10° 50'.5 S. | 123° 16' | 230 | Hard. Nothing obtained. | Blake dredge. | Dredge did not reach te bottom. |

| No. | DATE. | POSITION. | | DEPTH IN M. | BOTTOM. | OPERATION. | REMARKS. |
|------|---------------------|--------------|--------------------|----------------|-------------------------------------|---|--|
| | | LATITUDE. | LONGITUDE EAST. | | | | |
| 299 | Jan. 27/29 | 10° 52'.4 S. | 123° 1'.1 | 34 | Mud, coral and Lithothamnion. | Dredge, reef-exploration, diving. | Boeka- or Cyrus-bay, South-coast of Rotti-island. Dived to a depth of 34 M. |
| 300 | " 30 | 10° 48'.6 S. | 123° 23'.1 | 918 | Fine grey mud. | Deep sea trawl. | Trawl brought up some stones and numerous plant-remains. |
| 301 | " 30— February 1 | 10° 38' S. | 123° 25'.2 | 22 | Mud, coral and Lithothamnion. | Dredge. Reef-exploration. | Pepela-bay, East coast of Rotti-island. Dredged in 27—45 M. |
| 302 | " 2 | 10° 27'.9 S. | 123° 28'.7 | 216 | Sand and coral sand. | Trawl. | — |
| 303 | " 2/5 | — | — | up to 36 | Lithothamnion. | Dredge. Reef-exploration. | Haingsisi, Samau-island. |
| 304 | " 6/8 | — | — | 16 | Coral and sand. | Reef-exploration. Horizontal cylinder. | Lamararap, Lomblen-island. Lamakera, Solor-island. Cylinder towed over a distance of 36 miles. |
| 305 | " 8 | — | — | 113 | Stony. | Blake dredge. | Mid-channel in Solor-strait off Kampong Menanga. Dredge-iron broken. |
| 306 | " 8 | 8° 27' S. | 122° 54'.5 | 247 | Sandy mud. | Trawl. | After this haul anchored for some hours in 29 M. Lithothamnion-bottom near Mount Lobetobi. |
| 307 | " 9/11 | — | — | 27 | Volcanic Sand. | Land-exploration. | Ipih-bay, south coast of Flores. |
| 308 | " 10 | 9° 3' S. | 121° 44' | 2596 | Not obtained. | — | Wire kinked, lost sounder and thermometer. |
| 309 | " 10 | 8° 58' S. | 121° 41' | 1918 | Volcanic sand and ashes. | — | 4½ miles South of Gunong Api. |
| 309a | " 10 | 8° 54' S. | 121° 43' | 1150 | — | — | 2½ miles from the shore, Gunong Api bearing W.N.W. |
| 310 | " 12 | 8° 30' S. | 119° 7'.5 | 73 | Sand with few pieces of dead coral. | Dredge. | — |
| 311 | " 12/13 | — | — | up to 36 | Mud and sand. | Reef-exploration. Dredge. | Sapeh-bay, East coast of Sumbawa. |
| 312 | " 14 | 8° 19' S. | 117° 41' | 274 | Fine, sandy mud. | Trawl. | Saleh-bay, North coast of Sumbawa. |
| 313 | " 14/16 | — | — | up to 36 | Sand, coral and mud. | Dredge, trawl and reef-exploration. | Anchorage East of Dangar Besar, Saleh-bay. |
| 314 | " 17 | 7° 36' S. | 117° 30'.8 | 694 | Fine, sandy mud. | Trawl. | — |
| 315 | " 17/18 | — | — | up to 36 | Coral and Lithothamnion. | Dredge. | Anchorage East of Sailus Besar, Pater-noster-islands. |
| 316 | " 19 | 7° 19'.4 S. | 116° 49'.5 | 538 | Fine, dark brown sandy mud. | Trawl. | — |
| 317 | " 19/21 | — | — | 10 | Mud and sand. | Land-exploration. | Ketapang-bay, West coast of Kan-geang-island. |
| 318 | " 22 | 6° 36'.5 S. | 114° 55'.5 | 88 | Fine, yellowish grey mud. | Trawl. | — |
| 319 | " 22 | 6° 16'.5 S. | 114° 37' | 82 | Fine, yellowish grey mud. | Trawl. | Trawl reached bottom upside down and came up torn to pieces. |
| 320 | " 23 | 6° 5' S. | 114° 7' | 82 | Fine, grey mud. | Trawl. | — |
| 321 | " 23 | 6° 5'.5 S. | 113° 30' | 82 | Fine, grey mud. | Trawl. | — |
| 322 | " 24 | — | — | 32 | Coral. | Dredge. | 1½ mile south of Tandjong Lajar, South coast of Bawean-island. |
| 323 | " 24/25 | — | — | 12 | Mud. | — | Sangkapoera-roads, Bawean-island. |