

THE FISHES
OF THE
INDO - AUSTRALIAN
ARCHIPELAGO



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OF THE
INDO-AUSTRALIAN ARCHIPELAGO

I
INDEX OF
THE ICHTHYOLOGICAL PAPERS

OF
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SECOND IMPRESSION
WITH ADDENDA AND CORRIGENDA



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PREFACE

The numerous writings of Dr. P. Bleeker are necessary to everyone who studies fishes, not only of the indo-australian Archipelago but also those of the great indo-pacific region. No less than 500 of his writings are about fishes of the indo-australian Archipelago, fishes from Japan, China, Australia, New Zealand, British India, Guiana, Cape of Good Hope, Surinam and Europe — whilst but few treat exclusively of systematic problems of fishes and it is still rarer that they contain biological or anatomical questions.

The most important of his writings are the 432 articles about the fish fauna of the indo-australian Archipelago, in which new species are described. They also contain a critical study of the known species and generally give an account of their distribution among the islands of the Archipelago. The importance of these writings for the study of the fish fauna of the indo-pacific region is obvious and it is greatly to be regretted that it is exceedingly difficult to consult them, partly on account of their having appeared in various periodicals, sometimes difficult to obtain, and partly on account of their character and the way in which Bleeker chose to publish them. This is in a way due to the circumstances in which they originated, which will best be explained by a short sketch of Bleeker's life, derived from his autobiography ¹⁾.

1) *Levensbericht van Pieter Bleeker door hemzelven. Jaarboek der Kon. Akademie van Wetenschappen* 1877, Amsterdam 1878. Again published in *Natuurkundig Tijdschrift voor Nederlandsch-Indië* XL (serie 8, deel 1) Batavia 1881.

But not only for this reason do we consider that in this volume, which is a monument of Bleeker's ichthyological work, a short biographical notice is indispensable about this remarkable man. For, besides being a great ichthyologist, he knew how to make the most of his manysided talents, of his great love of work and his inexhaustable zeal in other directions also. His enthusiasm for science was of incalculable advantage to scientific life in Dutch East India and as he mounted higher and became Privy Councillor, he was a great champion for more liberal ideas in the government of the colony.

Pieter Bleeker was born at Zaandam on 10 July, 1819. His parents were simple folk and not rich, so after having passed through the primary school, he had to content himself with a very simple training for apothecary and to that end was apprenticed for 3 years in Amsterdam. This awakened his love of scientific work, especially of anatomy, physiology and zoology, and decided him to become qualified as a physician. Once more he was forced to manage in the cheapest way and so he attended the clinical school at Haarlem, then still in existence. By diligent private study, especially in the well-provided library of Teyler's Institution in Haarlem, Bleeker managed to fill the gaps which the mediocrity of the above-mentioned school left in his training, and so in 1840 he was qualified as surgeon and country practitioner. His youth and especially his youthful appearance stood in the way of his success as a physician, so after having vainly solicited a post at the Museum of Natural History at Leyden he went to Paris, where his very slender means enabled him to remain for a little more than 6 months. Here he spent his morning hours in the hospitals, his afternoons in the institutions of the Jardin des Plantes.

After his return to Holland in the spring of 1841 he tried again for an appointment at the Leyden Museum, but being once more unsuccessful he passed the necessary examination for army surgeon. In May 1841 he received his commission

as army surgeon 3rd class of the Dutch East Indian army. On 10 March, 1842 Bleeker arrived in Batavia and remained there till 10 September, 1860, when he returned to Holland.

All this time, the 18 best years of his life, he spent exclusively at Batavia with just two exceptions. That is to say he spent two years as a physician at Samarang, Sourabaya and Ambarawa (Java) and he accompanied Mr. Duymaer van Twist, then governor-general of Dutch East India, in 1856 on a voyage to Celebes and the Moluccos.

Soon after his arrival in Java, Bleeker began to investigate the fauna of his surroundings, doing which he encountered several unknown species of fishes, which drove him to study this group of animals. He encountered many difficulties in this entirely new field of study, not the least of which was at first the lack of really good literary resources, but his undaunted perseverance and great power of work triumphed and no later than 1844 he could communicate his first notes on the study of the material he had in the meanwhile collected. Then already he first planned to publish an atlas of the indian fishes and so the question was how to collect the necessary material. In this he succeeded beyond measure during the 18 years he spent in India. For rarely, if ever, did one man procure such extensive fish collections. As he was but rarely out of Batavia, and as all his journeys were principally in Java, it was only possible to collect study material from the other parts of the Archipelago by the assistance of army surgeons and officials of the civil service who were quartered in different islands and who regularly sent him collections. As a rule he published the result of his investigations as soon as possible, usually giving lists with descriptions of the new species. Between the years 1852 and 1873 for instance he published 26 papers on the fish fauna of Amboina, from 1852 to 1864 24 lists of fishes of Sumatra and between 1844 and 1865 44 papers on fishes of Java. Though this way of publishing caused endless repetitions, yet it gave him an opportunity to revise the descriptions of species formerly described

on insufficient material as well as to make remarks on synonymy and nomenclature. His nomenclature and often also the systematic part of his work (besides differing from our present day conception) were liable to fluctuations, which adds new difficulties to the use of his papers.

In 1857 Bleeker published an „Index descriptionum specierum piscium Bleekerianarum in voluminibus I ad XIX Diarii Societatis Scientiarum Indo-Batavae”, in 1858 an „Index specierum piscium in Vol. I—III Actorum Societatis Scient. Indo-neerl. descriptarum”, in the year 1859 his „Enumeratio specierum piscium hucusque in Archipelago indico observatarum, adjectis habitationibus citationibusque ubi descriptiones earum recentiores reperiuntur, nec non speciebus Musei Bleekeriani Bengalensibus, Japonicis, Capensibus Tasmanicisque”. But useful though these works are they don't give later information than the year 1858, while Bleeker's last paper appeared in 1880. Moreover his „Enumeratio” is arranged systematically and although the synonyms are given they don't appear in the Index, so it is difficult to find a given species without knowing Bleeker's nomenclature.

Finally we mention the „Atlas ichthyologique des Indes orientales”, which is the chief work of Bleeker's life and intended to be a repertorium of everything he had collected about the fishes of the indo-australian Archipelago. It has, notwithstanding its great and lasting merits, peculiar difficulties for practical use, first and foremost being the regrettable fact that owing to its author's premature death on 24 January, 1878 this standard work was never completed (vide page 26 of this volume). Another difficulty arises from the fact that none of the 9 volumes has an index of synonyms, besides which one must remember that the first volume appeared in 1862, many years before the end of Bleeker's ichthyological career.

Under these circumstances it appeared necessary to facilitate the use of Bleeker's papers by publishing a key to them. It would hardly suffice to give a mere bibliographical list of Bleeker's ichthyological works as he did himself in his auto-

biography. For instance titles as „Nalezingen op de ichthyologische Fauna van het eiland Banka”. or „Douzième notice sur la faune ichthyologique de l'île de Ternate” do not tell us anything about the contents of these papers.

When the first undersigned contemplated the publishing of a work on the fishes of the indo-australian Archipelago these difficulties became more pronounced, and induced to the composition of this „Index”.

It is needless to give an account of the reasons which led to the projects for the above-named faunistical work: sufficient to state that the first undersigned mapped out elaborate plans, to which Prof. M. Treub, then head of the Department of Agriculture of Dutch East India, gave his full consent. The first undersigned is anxious to have this mentioned, as well as the fact that the recommendation of these plans to the colonial and home government was the last official act of his never to be forgotten friend, since then alas! deceased. The world of science is conscious of what thanks are due to this great botanist and splendid organizer and it is now nearly a year since her voice was heard in all the civilized nations lamenting his loss. Zoologists too knew how to appreciate him, for Treub ever had a keen eye to the growth and development of every branch of science, which he proved again by being very much interested in this projected work.

From the beginning Dr. J. C. Koningsberger, Prof. Treub's successor as Director of 's Lands Plantentuin at Buitenzorg, has shown the same interest and it is with his help that this first volume of the fish fauna of the indo-australian Archipelago is published. The Colonial Department granted a sum for the publication, for which we express our gratitude to the Minister of the Colonies.

Here may follow some remarks on the way in which this Index was prepared. It was only by very carefully excerpting Bleeker's papers that it was possible to indicate the exact places where certain genera and species are mentioned. To lessen this immense labour we excluded the „Atlas ichthyo-

logique" as this work stands by itself; besides the synonyms of the species mentioned therein can be found in the other papers. The „Enumeratio" and the two „Conspectus" mentioned above, were also excluded as they already consist of lists. But notwithstanding these restrictions, about 22000 labels had to be written, on each of them being noted the name of the genera and species, the paper and the page where the name was to be found. These notes were afterwards combined in so far as they contained identical genera and species.

That this enormous task was brought to a succesful close is mainly due to the accuracy, perseverance and patience of Miss C. H. W. Met, who accomplished this work under our supervision and to whom every one must be grateful who takes any interest in Bleeker's papers.

The arrangement of the Index is as follows: it is opened by an „Index Bibliographicus" of Bleeker's ichthyological papers. This bibliography is slightly different to that given by Bleeker in his autobiography, some papers being added that Bleeker himself overlooked, besides being arranged according to the date of their publication, whereas Bleeker arranged them according to the date on which he finished his manuscript, which two dates in many instances lie far apart. It often was difficult and sometimes even impossible to ascertain the exact date of publication, moreover some of the periodicals in which he published were — from a bibliographical point of view — sometimes rather unusually edited. For instance the five papers (mentioned in our Index as n°. 13, 14, 15, 16 and 17) which appeared in Vol. 22 of „Verhandelingen van het Bataviaasch Genootschap van Kunsten en Wetenschappen" bear the signature „23. deel 1849" as they were really intended for that volume when being printed, but one of the authors failing to send his manuscript, promised for vol. 22, the 5 papers were after all included in vol. 22.

The „Index Bibliographicus" is followed by a list of the 500 papers arranged according to localities.

The „Index generum et specierum” which comes after this, contains all the genera and species and their synonyms mentioned by Bleeker in his papers.

One remark on account of this list will be necessary. Bleeker's papers are far from being without misprints, which are principally due to the primitive state of the printing-offices at Batavia in his time. We have for the greater part corrected these slips, presuming that anyone who wants to know where a certain species is mentioned, will look for it under its correct name. Other slips however had to be taken up without alteration to prevent worse misunderstandings. For instance an ichthyologist consulting „Contribution à la faune ichthyologique de l'île Maurice” will find on page 8 the name „Tristius brasiliensis Gill.” Only by entering this name in our Index was it possible to draw attention to the fact that this name is a misprint for „Isistius brasiliensis Gill”.

We left Bleeker's often peculiar orthography unaltered, as our intention is only to give quotations and no criticism.

Finally we are glad of this opportunity to express a warm word of thanks to the publishing and printing firm E. J. Brill Ltd. of Leyden, whose accuracy in this difficult typographical task greatly facilitated our work. But what helped us through this work was the conviction of its usefulness in rendering the access to Bleeker's ichthyological work more easy.

MAX WEBER.

L. F. DE BEAUFORT.

Eerbeek, Holland, September 1911.

PREFACE TO THE SECOND IMPRESSION

When it was decided to issue photomechanical reprints of those volumes of "The Fishes of the Indo-Australian Archipelago" which are out of print, a difficulty arose in the case of Vol. I. Dr. M. Boeseman drew my attention to some important omissions in Bleeker's bibliography in this volume. Further investigations brought to light that besides some mistakes and misprints a number of short publications have been overlooked. In the preface of Vol. I we have already mentioned that Bleeker himself overlooked some papers in the bibliography of his autobiography, and this is no wonder when his way of publishing is considered.

Bleeker used to report on the fish collections he had studied in the meetings of the board of the *Natuurkundige Vereeniging in Nederlandsch Indië*, published in the Proceedings (*Natuurkundig Tijdschrift voor Nederlandsch Indië*). Generally those reports are but lists of fishes and when they contain new species, their names are mentioned, but no descriptions are given. These *nomina nuda* are not mentioned in our index. In some cases, however, Bleeker does give descriptions of new genera and species and some of these have been overlooked by us.

Hence it is of importance to correct these deficiencies in a new edition. This has been done in a supplement "Addenda and Corrigenda" at the end of the book, the scope of which needs a short explanation. For his own use Max Weber had noted in the "Index Bibliographicus" of his copy those publications which contain descriptions and those which are merely lists of species. As these informations will have the readers's interest I have indicated in which papers descriptions can be found, omitting those where the title gives this information. All other not mentioned items are lists. Furthermore the formerly overlooked publications have been inserted in their proper chronological places and besides some misprints have been corrected. In the "Index generum et specierum" the neglected references have been added and some misprints have been corrected.

Amersfoort
June, 1964.

L. F. de Beaufort

Index Bibliographicus.

Additional corrections have been indicated by an asterisk (*) in the margin (see Addenda and Corrigenda, pages 411-440)

- 1 Bijdragen tot de geneeskundige Topographie van Batavia. Generisch overzicht der Fauna.
Nat. & Geneesk. Arch. Ned. Ind. I, 1844, p. 551—553.
- 2 Idem, continuatio.
Nat. & Geneesk. Arch. Ned. Ind. II, 1845, p. 505—528.
- * 3 Overzicht der Siluroïden welke te Batavia voorkomen.
Nat. & Geneesk. Arch. Ned. Ind. III (2), 1846, p. 135—184.
- 4 Siluroideorum bataviensium species nuperrime detectae.
Nat. & Geneesk. Arch. Ned. Ind. III (2), 1846, p. 284—293.
- 5 Siluroideorum bataviensium conspectus diagnosticus.
Verh. Bat. Gen. XXI, I, 1847, p. 1—60.
- * 6 Labroideorum ctenoideorum bataviensium diagnoses et adumbrationes.
Verh. Bat. Gen. XXI, I, 1847, p. 1—33.
- * 7 Nieuwe bijdrage tot de kennis der Siluroïden van Java.
Verh. Bat. Gen. XXI, I, 1847, p. 1—12.
- 8 Pharyngognathorum Siluroideorumque species novae Javanenses.
Nat. & Geneesk. Arch. Ned. Ind. IV (2), 1847, p. 155—169.
- * 9 A contribution to the Ichthyology of Sumbawa.
Journ. Ind. Arch. II, N° IX, 1848, p. 632—639.
- 10 A contribution to the knowledge of the ichthyological fauna of Celebes.
Journ. Ind. Arch. III, 1849, p. 65—74.
- * 11 Overzicht der te Batavia voorkomende Gladschubbige Labroïden, met beschrijving van 11 nieuwe soorten.
Verh. Bat. Gen. XXII, 1849, p. 1—64.
- 12 Idem Opus, Verh. Bat. Gen. XXII.
Vers. Gallice in Moniteur des Indes Orientales et occidentales.
Part. I, 1849, p. 41—65 et 97—112.

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- * 13 Bijdrage tot de kennis der Percoïden van den Malayo-Molukschen Archipel, met beschrijving van 22 nieuwe soorten.
Verh. Bat. Gen. XXII, 1849, p. 1—64.
- * 14 Bijdrage tot de kennis der Scleroparei van den Soenda-Molukschen Archipel.
Verh. Bat. Gen. XXII, 1849, p. 1—10.
- * 15 Bijdrage tot de kennis der Blennioïden en Gobioiden van den Soenda-Molukschen Archipel, met beschrijving van 42 nieuwe soorten.
Verh. Bat. Gen. XXII, 1849, p. 1—40.
- * 16 Bijdrage tot de kennis der ichthyologische fauna van het eiland Madura, met beschrijving van eenige nieuwe species.
Verh. Bat. Gen. XXII, 1849, p. 1—16.
- * 17 Bijdrage tot de kennis der ichthyologische fauna van het eiland Bali, met beschrijving van eenige nieuwe species.
Verh. Bat. Gen. XXII, 1849, p. 1—11.
- * 18 Bijdrage tot de kennis der Sciaenoïden van den Soenda-Molukschen Archipel, met beschrijving van 7 nieuwe soorten.
Verh. Bat. Gen. XXIII, 1850, p. 1—31.
- * 19 Bijdrage tot de kennis der Sparoïden van den Soenda-Molukschen Archipel.
Verh. Bat. Gen. XXIII, 1850, p. 1—16.
- * 20 Bijdrage tot de kennis der Maenoïden van den Soenda-Molukschen Archipel.
Verh. Bat. Gen. XXIII, 1850, p. 1—13.
- * 21 Bijdrage tot de kennis der Visschen met doolhofvormige kieuwen van den Soenda-Molukschen Archipel.
Verh. Bat. Gen. XXIII, 1850, p. 1—15.
- * 22 Bijdrage tot de kennis der Chaetodontoïden van den Soenda-Molukschen Archipel.
Verh. Bat. Gen. XXIII, 1850, p. 1—31.
- * 23 Bijdrage tot de kennis der Teuthiden van den Soenda-Molukschen Archipel.
Verh. Bat. Gen. XXIII, 1850, p. 1—13.

- * 24 Bijdrage tot de kennis der Notacanthini van den Soenda-Molukschen Archipel.
Verh. Bat. Gen. XXIII, 1850, p. 1—6.
- * 25 Bijdrage tot de kennis der ichthyologische fauna van Midden- en Oost-Java, met beschrijving van eenige nieuwe species.
Verh. Bat. Gen. XXIII, 1850, p. 1—23.
- * 26 Bijdrage tot de kennis der ichthyologische fauna van Borneo, met beschrijving van 16 nieuwe soorten van zoetwatervisschen.
Nat. Tijdschr. Ned. Ind. I, 1851, p. 1—16.
- * 27 Over eenige nieuwe soorten van Scleroparei van den Indischen Archipel.
Nat. Tijdschr. Ned. Ind. I, 1851, p. 17—27.
- 28 Over twee nieuwe soorten van Callionymus van den Indischen Archipel.
Nat. Tijdschr. Ned. Ind. I, 1851, p. 28—32.
- 29 Over eenige nieuwe soorten van Belone en Hemiramphus van Java.
Nat. Tijdschr. Ned. Ind. I, 1851, p. 93—95.
- 30 Over drie nieuwe soorten van Tetraodon van den Indischen Archipel.
Nat. Tijdschr. Ned. Ind. I, 1851, p. 96—97.
- 31 Faunae ichthyologicae Javae insularumque adjacantium genera et species novae.
Nat. Tijdschr. Ned. Ind. I, 1851, p. 98—108.
- * 32 Visschen van Banka.
Nat. Tijdschr. Ned. Ind. I, 1851, p. 159—161.
- 33 Visschen van Borneo.
Nat. Tijdschr. Ned. Ind. I, 1851, p. 161—162.
- * 34 Over eenige nieuwe soorten van Blennioiden en Gobioiden van den Indischen Archipel.
Nat. Tijdschr. Ned. Ind. I, 1851, p. 236—258.
- * 35 Nieuwe bijdrage tot de kennis der ichthyologische fauna van Borneo, met beschrijving van eenige nieuwe soorten van zoetwatervisschen.
Nat. Tijdschr. Ned. Ind. I, 1851, p. 259—275.

- * 36 *Oxybeles Brandesii* Blkr, een nieuwe soort van Ophidini van Banda Neira.
Nat. Tijdschr. Ned. Ind. I, 1851, p. 276—278.
- * 37 Over eenige nieuwe geslachten en soorten van Maakreelachtige visschen van den Indischen Archipel.
Nat. Tijdschr. Ned. Ind. I, 1851, p. 341—372.
- * 38 Over eenige nieuwe soorten van Pleuronectoiden van den Indischen Archipel.
Nat. Tijdschr. Ned. Ind. I, 1851, p. 401—416.
- 39 Over eenige nieuwe soorten van Megalops, Dussumieria, Notopterus en Astronesthes.
Nat. Tijdschr. Ned. Ind. I, 1851, p. 417—424.
- * 40 Visschen van Biliton.
Nat. Tijdschr. Ned. Ind. I, 1851, p. 478—479.
- 41 Visschen van Straat Malakka, Prince of Wales Island en Singapore.
Nat. Tijdschr. Ned. Ind. I, 1851, p. 480—481.
- * 42 Derde bijdrage tot de kennis der ichthyologische fauna van Borneo, met beschrijving van eenige nieuwe soorten van zoetwatervisschen.
Nat. Tijdschr. Ned. Ind. II, 1851, p. 57—70.
- * 43 Cheilinoïdes een nieuw geslacht van gladschubbig Labroïden van Batavia.
Nat. Tijdschr. Ned. Ind. II, 1851, p. 71—72.
- * 44 Nieuwe bijdrage tot de kennis der Percoidei, Scleroparei, Sciaenoidei, Maenoidei, Chaetodontoidei en Scomberoidei van den Soenda-Molukschen Archipel.
Nat. Tijdschr. Ned. Ind. II, 1851, p. 163—179.
- * 45 Vierde bijdrage tot de kennis der ichthyologische fauna van Borneo, met beschrijving van eenige nieuwe soorten van zoetwatervisschen.
Nat. Tijdschr. Ned. Ind. II, 1851, p. 193—208.
- * 46 Nieuwe bijdrage tot de kennis der ichthyologische fauna van Celebes.
Nat. Tijdschr. Ned. Ind. II, 1851, p. 209—224.
- * 47 Bijdrage tot de kennis der ichthyologische fauna van de Banda-eilanden.
Nat. Tijdschr. Ned. Ind. II, 1851, p. 225—261.

- * 48 Visschen van Solor.
Nat. Tijdschr. Ned. Ind. II, 1851, p. 347—348.
- * 49 Vijfde bijdrage tot de kennis der ichthyologische fauna van Borneo, met beschrijving van eenige nieuwe soorten van zoetwatervisschen.
Nat. Tijdschr. Ned. Ind. II, 1851, p. 415—442.
- * 50 Bijdrage tot de kennis der ichthyologische fauna van Riouw.
Nat. Tijdschr. Ned. Ind. II, 1851, p. 469—497.
- * 51 Bijdrage tot de kennis der ichthyologische fauna van Singapore.
Nat. Tijdschr. Ned. Ind. III, 1852, p. 51—86.
- * 52 Bijdrage tot de kennis der ichthyologische fauna van Blitong (Billiton), met beschrijving van eenige nieuwe soorten van zoetwatervisschen.
Nat. Tijdschr. Ned. Ind. III, 1852, p. 87—100.
- * 53 Bijdrage tot de kennis der ichthyologische fauna van Timor.
Nat. Tijdschr. Ned. Ind. III, 1852, p. 159—174.
- * 54 Bijdrage tot de kennis der ichthyologische fauna van de Moluksche eilanden. Visschen van Amboina en Ceram.
Nat. Tijdschr. Ned. Ind. III, 1852, p. 229—309.
- * 55 Zesde bijdrage tot de kennis der ichthyologische fauna van Borneo. Visschen van Pamangkato, Bandjermassing, Braboekarta en Sampit.
Nat. Tijdschr. Ned. Ind. III, 1852, p. 407—442.
- * 56 Bijdrage tot de kennis der ichthyologische fauna van het eiland Banka.
Nat. Tijdschr. Ned. Ind. III, 1852, p. 443—460.
- * 57 Bijdrage tot de kennis der Makreelachtige visschen van den Soenda-Molukschen Archipel.
Verh. Bat. Gen. XXIV, 1852, p. 1—93.
- * 58 Bijdrage tot de kennis der Snoekachtige visschen van den Soenda-Molukschen Archipel.
Verh. Bat. Gen. XXIV, 1852, p. 1—28.

- * 59 Bijdrage tot de kennis der Chirocentroidei, Lutodeiri, Butirini, Elopes, Notopteri, Salmones, Echeneoidei en Ophidini van den Soenda-Molukschen Archipel.
Verh. Bat. Gen. XXIV, 1852, p. 1—32.
- * 60 Bijdrage tot de kennis der Haringachtige visschen van den Soenda-Molukschen Archipel.
Verh. Bat. Gen. XVIV, 1852, p. 1—52.
- * 61 Bijdrage tot de kennis der Pleuronecteoidei van den Soenda-Molukschen Archipel.
Verh. Bat. Gen. XXIV, 1852, p. 1—32.
- * 62 Bijdrage tot de kennis der Blootkakige visschen van den Soenda-Molukschen Archipel.
Verh. Bat. Gen. XXIV, 1852, p. 1—26.
- * 63 Bijdrage tot de kennis der Balistini en Ostraciones van den Indischen Archipel.
Verh. Bat. Gen. XXIV, 1852, p. 1—38.
- * 64 Bijdrage tot de kennis der Plagiostomen van den Indischen Archipel.
Verh. Bat. Gen. XXIV, 1852, p. 1—92.
- 65 Visschen van Solor.
Nat. Tijdschr. Ned. Ind. III, 1852, p. 490—491.
- * 66 Nieuwe bijdrage tot de kennis der ichthyologische fauna van Amboina.
Nat. Tijdschr. Ned. Ind. III, 1852, p. 545—568.
- 67 Diagnostische beschrijvingen van nieuwe of weinig bekende vischsoorten van Sumatra. Tiental I—IV.
Nat. Tijdschr. Ned. Ind. III, 1852, p. 569—608.
- * 68 Nieuwe visschen van Banda-Neira.
Nat. Tijdschr. Ned. Ind. III, 1852, p. 643—646.
- * 69 Nieuwe bijdrage tot de kennis der ichthyologische fauna van Ceram.
Nat. Tijdschr. Ned. Ind. III, 1852, p. 689—714.
- * 70 Nieuwe bijdrage tot de kennis der ichthyologische fauna van het eiland Banka.
Nat. Tijdschr. Ned. Ind. III, 1852, p. 715—738.

- * 71 Derde bijdrage tot de kennis der ichthyologische fauna van Celebes.
Nat. Tijdschr. Ned. Ind. III, 1852, p. 739—782.
- * 72 Derde bijdrage tot de kennis der ichthyologische fauna van Amboina.
Nat. Tijdschr. Ned. Ind. IV, 1853, p. 91—130.
- * 73 Bijdrage tot de kennis der ichthyologische fauna van Ternate.
Nat. Tijdschr. Ned. Ind. IV, 1853, p. 131—140.
- 74 Over eenige nieuwe soorten van Homaloptera v. *Hass* (Balitora Gr.) van Java en Sumatra.
Nat. Tijdschr. Ned. Ind. IV, 1853, p. 155—164.
- 75 Exocoetus hexagona, eene nieuwe soort van Banka.
Nat. Tijdschr. Ned. Ind. IV, 1853, p. 206—207.
- 76 Diagnostische beschrijvingen van nieuwe of weinig bekende vischsoorten van Sumatra. Tiental V—X.
Nat. Tijdschr. Ned. Ind. IV, 1853, p. 243—302.
- 77 Sicydium Parvei, een nieuwe soort van de Preanger-Regentschappen.
Nat. Tijdschr. Ned. Ind. IV, 1853, p. 426—427.
- 78 Diagnostische beschrijvingen van nieuwe of weinig bekende vischsoorten van Batavia. Tiental I—VI.
Nat. Tijdschr. Ned. Ind. IV, 1853, p. 451—516.
- * 79 Nieuwe bijdrage tot de kennis der ichthyologische fauna van Ternate en Halmaheira (Gilolo).
Nat. Tijdschr. Ned. Ind. IV, 1853, p. 595—610.
- * 80 Bijdrage tot de kennis der ichthyologische fauna van Solor.
Nat. Tijdschr. Ned. Ind. V, 1853, p. 67—96.
- * 81 Vierde bijdrage tot de kennis der ichthyologische fauna van Celebes.
Nat. Tijdschr. Ned. Ind. V, 1853, p. 153—174.
- * 82 Nalezingen op de ichthyologische fauna van het eiland Banka.
Nat. Tijdschr. Ned. Ind. V, 1853, p. 175—194.