

ferner die Thatsache, daß die segmentalen Vornierenanälchen ebenso wie die Urnierenanälchen von der Leibeshöhle aus in distaler Richtung bis in das Bereich des nächsten Segments sich erstrecken, dann die Existenz einer Glomerulusanlage der Vorniere, die Beziehungen der P. Mayer'schen Quergefäße zur Vorniere, die Verbindung der Vorniere (nicht nur des Vornierenganges, wie van Wijhe beschreibt) mit dem Ectoblast, die Entstehung des größeren Theils der ersten Keimdrüsenanlage in den Mesoblastsegmenten u. A.

Ich glaube durch diese sachliche Gegenüberstellung von van Wijhe's und meinen eigenen Resultaten die Art des gegen mich gerichteten Angriffs am besten gekennzeichnet zu haben. Nur Eines möchte ich noch hinzufügen: Daß meine aus einem ausführlichen Text und zahlreichen Abbildungen bestehende Arbeit zu ihrer Fertigstellung längerer Zeit bedurfte als van Wijhe's Mittheilung, deren auf die Excretionsorgane bezügliche Angaben gerade $1\frac{1}{2}$ Druckseiten einnehmen, ist wohl selbstverständlich. Ihr späteres Erscheinen dürfte ihr daher in den Augen der Nichtbetheiligten kaum Eintrag thun, denn hätte ich Unfertiges publiciren wollen, so hätte ich van Wijhe's Mittheilung leicht zuvorkommen¹³ können.

München, im November 1888.

III. Mittheilungen aus Museen, Instituten etc.

1. Linnean Society of New South Wales.

31st October, 1888. — 1) Revision of the Genus *Heteronyx*, with Descriptions of New Species. By Rev. T. Blackburn, B.A., Corresponding Member. This paper continues the series of monographs of genera belonging to the family Melolonthidae, commenced by the Hon. William Macleay in his "Miscellanea Entomologica". After subjecting the characters of the genus to revision, the author gives a table of the species included in the first of the main groups into which he proposes to sub-divide the genus: this includes all the species (in which the clypeus is free from the labrum, its reflexed anterior margin entire), known to him from actual examination of types, together with twenty-two new species described in this paper. — 2) Further Notes on Australian Coleoptera, with Descriptions of New Genera and Species. By Rev. T. Blackburn, B.A. These notes are founded chiefly on several collections made in the Northern Territory of South Australia. Fifty-five new species — referable to thirty-six genera, of which three are new — are added to the Carabidae, Dytiscidae, Lamellicornes, Elateridae, Malacodermidae, Cleridae, Bostrichidae, Tenebrionidae, Curculionidae, Longicornes, and Hispidae. — 3) Diptera of Australia. Part IV. — Simuliidae and Bibionidae. By Frederick A. A. Skuse. A new sand-fly (*Simulium*) and six

¹³ Der beschreibende Theil des Textes meiner Arbeit war Ende der Herbstferien 1887 niedergeschrieben und die Figuren fast sämmtlich gezeichnet.

new species of Bibionidae (*Plecia* 3, *Dilophus* 1, and *Scatopse* 2) are described in this paper. In addition three old-recorded species, *Biblio imitator*, Walk.; *Plecia dimidiata*, Macq.; and *Dilophus longirostris*, Macq., are re-described; and it is pointed out that *B. fulvipes*, Macq.; *B. ruficornis*, Macq.; and *B. helioscops*, Sch., are all identical with *B. imitator*, described by Walker in 1835, a species which appears to have a very wide distribution. Of five other species of this genus described by Macquart, and one by Jaenicke, recorded from Australia in Walker's "Notes", the descriptions are not accessible to the author. — Mr. Brazier exhibited specimens of a land-shell, *Subulina octona*, Chem., collected by Mr. E. L. Layard at Canala, east coast of New Caledonia, in a coffee plantation. The species is peculiar to Cuba and other West Indian Islands, but evidently it has been introduced into New Caledonia at some recent date, though under what circumstances is at present a mystery. — Mr. Sidney Olliff exhibited a series of earthen cocoons of *Cephalodesmus armiger*, Westw., a beetle of the family Scarabaeidae, some containing larvae or pupae, and others specimens of immature perfect insects. The cocoons had been dug up in a garden at Parramatta at a depth of about eight inches. — Mr. Macleay exhibited four specimens of a species of Carp from the Wingecaribee River, and read the following explanatory note: — "The fishes now exhibited were found in a waterhole close to the Wingecaribee River at Elvo, Burradoo, during the last week, by Mr. W. R. Campbell. The waterhole was so nearly dry that the little water remaining in it was as thick as mud, and the fishes must have died very shortly if left in it. Mr. Campbell, therefore, had the holes emptied, and the fishes (several hundred) placed in the river in the immediate vicinity, with the exception of the four specimens sent to me and now exhibited. I find them to be American Cyprinidae of the genus *Carpodes*, Rafinesque (*Sclerognathus* of Valenciennes), a genus consisting of several species, all belonging to the freshwaters of the United States. I have not been able to make out the exact species. It would be interesting to know how and when the fish was introduced into this country, where its acclimatization, as far as Wingecaribee is concerned, seems to have been so perfectly successful." — Dr. Cox stated that he wished to place on record the regularity with which the large green Cicada makes its appearance each year in the neighbourhood of Sydney. For the last 17 years he had noted the dates, which he found to range from October 14th to 30th. — Mr. Fletcher read a letter from Hon. Dr. Creed, M.L.C., to the President, calling the attention of the Society to the sudden appearance of myriads of mice in various country districts of this colony, and suggesting that the subject was one worthy of investigation, as, owing to the destruction of crops and food for stock, the matter was becoming one of economic importance. Mr. Fletcher pointed out that the subject was one which had not been entirely overlooked, since in the Society's Proceedings for 1887, p. 447, would be found a paper by Mr. K. H. Bennet, giving particulars of an invasion of rats in the western portion of N. S. Wales during February, 1887. — Mr. Fletcher exhibited some young specimens of *Peripatus Leuckarti*, Säng., the progeny of one of the three living specimens exhibited at the Society's meeting in June last. The mother, for a period of four months, lived in a tin with damp moss and decayed leaves, but died a few days ago after giving birth to four young ones. These, when discovered (they were then a few days old) last Wednesday, were about 7 mm long when extended, and nearly

colourless, though with a lens the dark median nodose dorsal line, and the dark broad lateral band on each side were distinctly sketched out, the antennae also dark; during the last few days the pattern and colour (dull slaty-blue or grey) have become still more pronounced, and a little diffused ferruginous red has made its appearance.

IV. Personal-Notizen.

1. Société Zoologique de France.

Les élections récentes pour le Bureau et le Conseil ont donné les résultats suivants :

Président: M. G. Cotteau, membre de l'Institut.

Vice-Présidents: MM. B^{on} J. de Guerne, Prof. A. Railliet.

Sécrétaire général: M. le Prof. R. Blanchard.

Sécrétaires: M^{elle}. F. Bignon, MM. Prof. L. Manouvrier, J. Richard.

Trésorier: M. le b^{on} F. Billaud.

Archiviste-bibliothécaire: M. H. Pierson.

Membres du Conseil: MM. Ph. Dautzenberg, Dr. J. Deniker, J. Gazagnaire, E. Simon.

Mittheilung.

Um vielfachen Anfragen zu begegnen, erlauben sich die Unterzeichneten zu bemerken, daß den Herren Verfassern der einzelnen im »Zoolog. Anzeiger« erscheinenden Aufsätze resp. Mittheilungen etc. auf Verlangen je 4 Exemplare der betreffenden Nummer gratis zur Verfügung stehen.

Sonderabdrücke werden nur auf Bestellung hergestellt und zu den Herstellungskosten berechnet. Desfallige Wünsche sind bei Einsendung des Manuscripts Herrn Prof. Carus mitzuteilen; nach Erscheinen der betr. Nummer ist es jedoch meist unmöglich, solchen Wünschen nachzukommen.

Ferner ersuchen die Unterzeichneten, um dem Zwecke des »Zoologischen Anzeigers«, neue Untersuchungen und Entdeckungen sowie namentlich die immer mehr anschwellende Litteratur schnell zur Kenntnis der Fachgenossen zu bringen, entsprechen zu können, die Herren Verfasser von Aufsätzen und Mittheilungen sich in Form und Ausdruck möglichst kurz zu fassen. Der Raum des »Anzeigers« ist ein beschränkter und können daher längere Aufsätze nur ausnahmsweise Aufnahme finden.

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