

female fertile flowers. Besides these there occurs a set of flowers originally named by himself »Insect-attacked-females«, but for which he has adopted Count Solms-Laubach's term »Gall Flowers«. (Bot. Zeit. 1885.) The latter botanist having anticipated him in publication, though King's researches had commenced earlier. As to the question of these Gall-Flowers Dr. King states that the pupa of an insect can usually be seen through the coats of the ovary. The pupa when perfected escapes into the cavity of the receptacle by cutting its way through, and fully developed winged insects are often to be found in considerable numbers in the cavity of the fig. The pupa of the insect must become encysted in the ovary of the gall-flower at a very early period, for about the time at which the imago is escaping from the ovary the pollen of the anthers of the male flower is only beginning to shed. Thus Dr. King holds that through the interposition of insects the malformed female flowers doubtless become functionally important in the life history of the fig trees. — J. Murie.

5. Linnean Society of New South Wales.

26th January, 1887. — 1) On an undescribed *Dules* from New Guinea. By E. P. Ramsay, L.L.D., and J. Douglas-Ogilby. Three specimens of the new species, which is named *D. nitens*, were obtained on the S.E. coast of New Guinea, by Mr. Cairns. — 2) Botanical. — 3) Catalogue of the described Coleoptera of Australia. By George Masters. Part VII. This Part completes Mr. Masters's Catalogue of the Coleoptera of Australia. It includes the Families *Phytophagidæ*, *Erotylidæ*, *Endomychidæ* and *Coccinellidæ*, and contains a record of 997 species, bringing the total record up to 7230 species. — 4) Notes on some Trilobites new to Australia. By F. Ratte, M.E. The author makes some remarks on his species *Lichas sinuata* which he thinks may be looked upon as a variety of *Lichas palmata*, Barr. (= *L. hirsuta*, Fletch.); and figures some Trilobites belonging to the genera *Acidaspis* and *Staurocephalus* from Bowning, some of them probably new species. — 5) On the mode of Nidification of *Pachycephala Gilbertii*. By K. H. Bennett. Mr. Bennett records the finding on the 24th of October last at Hilfern Station, West of the Darling River, of a specimen of this bird, sitting on three eggs in the old nest of a *Pomatostomus*. The eggs and nest are now in the Australian Museum. — 6) Botanical. — Mr. Smithurst exhibited the ulna, radius and other bones of a gigantic Kangaroo from a deep deposit at Gulgong. Also, two specimens of Corals also from Gulgong; one, *Favosites Gothlandica*, the other, a species of *Isastræa* evidently foreign to the district. — Mr. Ogilby exhibited a coloured drawing by Mr. Irwin, of the beautiful fish *Girella cyanea*. — Mr. A. Sidney Olliff exhibited a gigantic flea which he identified as *Pulex echidna*, Denny. The specimen was found by Mr. Pedley on the Australian Echidna together with the small species recently described in the 'Proceedings' as *Echidnophaga ambulans*. — Mr. McCooey contributed two notes on the burrowing habits of *Chelodina longicollis*, describing the mode in which the female carries water to soften the hard soil which she chooses as the spot for her nidification. — Mr. Masters exhibited a fine collection of Entomogenous Fungi and read the following explanatory note:— »I have put together in the drawer I now exhibit some of the most conspicuous Entomogenous Fungi in the Macleay-

Museum. No. (1) labelled New South Wales, shows some large Lepidopterous larvæ, with the stipes, rising from the tail, as long and as thick as the Caterpillar, and terminating in a double or sometimes single large oblong somewhat compressed club. (2) Specimens of the wellknown New Zealand *Isaria*, the stipes springing from the head and 10 inches in length. (3) Specimens from Ash Island of larvæ of *Rhyssonotus nebulosus* in a similar state, the fungus rising from the head in a thin stipes and terminating in a small round club. (4) Some Cicada pupæ similarly attacked. New South Wales. (5) Larva of an *Elatér* with a number of thread-like growths on the sides of the body. New South Wales. (6) An Homopterous Insect, with fine thread-like growths from its tail. N. S. Wales. (7) Two Dipterous Insects from Cairns, with a short thick stipes terminating in a round club, springing from the base of each wing, evidently a *Cordyceps*. (8) Four different species of Hymenoptera from Cairns, but apparently attacked by the same fungus, which springs from all parts of the body in long, very thin, and hair-like filaments. (9) An Homopterous insect from Cairns, completely enveloped beneath in a growth of short barbed-looking spines. (10) In three Spiders, also from Cairns, shortish, thickish, and rather pointed growths, spring from different parts of the body. (11) Two Wasps from Cuba have a longish stipes rising between the anterior legs. I shall endeavour to have some of the most interesting of these exhibits illustrated for our next meeting. — Dr. Ramsay exhibited a number of rare birds from the late Mr. T. H. Boyer-Bower's collection, for comparison with specimens of allied species from New South Wales:— *Astur cruentus*, Gould, W. A.; *Aegothales leucogaster*, Gould, W. A.; *Calamoherpe australis*, N. S. W.; *C. longirostris*, Gould, W. A.; *Lophophaps ferruginea*, W. A.; *L. leucogaster*, W. A.; *Ephthianura aurifrons*, N. S. W.; *E. crocea*, W. A.; *Myiagra latirostris*, W. A.; *Estrela bichenovii*, Gould, N. S. W.; *E. annulosa*, Gould, W. A.; *Poëphila acuticauda*, W. A.; *P. atropygialis*, Centr. Aust.; *P. cincta*. Queensland.

IV. Personal-Notizen.

Berlin. Der ord. Professor der Zoologie, K. Möbius in Kiel übernimmt den 1. Mai das Directorium des Zoologischen Museums in Berlin; zweiter Director desselben wird der dortige außerord. Professor der Zoologie E. v. Martens. Das neue Gebäude für das Berliner zoologische Museum ist so weit vollendet, daß nur noch die innere Einrichtung zu beschaffen ist. Diese soll bis zum 1. April 1888 fertiggestellt werden, damit dann die Überführung der Sammlungen aus dem Universitätsgebäude beginnen kann.

Necrolog.

St. Petersburg. Am 5./17. April starb J. S. Poljakow, Conservator am Zoologischen Museum der Kais. Akademie der Wissenschaften, der bekannte Sibirien-Reisende und Zoolog.

Berichtigung.

Der Verfasser der auf p. 161, No. 247 des Zool. Anz. angeführten Arbeit: „Gemförande Studier“ etc. ist Dav. Bergendal, nicht Bugendal.

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