

the coral islands of the Central Pacific. The zonal distribution of coral-haunting mollusca is reviewed. Of Brachiopoda Cephalopoda, Polyplacophora and Pelecypoda, a hundred and two species are enumerated. Of these forty-two were not known to occur in Queensland, and twenty-five are new records for Australia. The most interesting novelty is a new genus of the Veneridae, which conceals its shell with a coat of sand; and which it is proposed to distinguish as *Granicorium*. Fourteen other new species are distributed in the genera *Glycymeris* (2), *Philobrya* (2), *Modiolaria*, *Myodora*, *Verticordia*, *Crassatellites*, *Cuna*, *Condylocardia* (2), *Cardium*, *Gafrarium* and *Abra*. Most of the shells were obtained by the dredge in seventeen to twenty fathoms outside the reef. A series of lantern slides was shown in illustration of the paper. — 3) New Australian Species of the Family Libellulidae [Neuroptera: Odonata]. By R. J. Tillyard, B.A. — In this paper eleven new species are added to the list of Australian Libellulidae, bringing the total up from 50 to 61. All the new species were taken in the Cairns district of North Queensland during the summer of 1904-05. Of these, three only are new to science. The remainder are species already known in other parts of the world, but so far unobserved in Australia. Of the new species, one, represented by a single female, belongs to the beautiful genus *Rhyothemis*. A second is a *Synthemis* and closely allied to several common Southern Australian forms already described. A third adds as new genus (*Macromia*) to the Australian list. Of the eight remaining species, one is common in South Europe, Africa and the East Indies; four others occur in the East Indies, India and Ceylon; two in New Guinea; and one, hitherto known from the male only, in Borneo. Altogether six new genera are added to the Australian list, viz., *Zyxomma*, *Erythemis*, *Macrodiplax*, *Agrionoptera*, *Tetrathemis* and *Macromia*. In two of the new species the males have yet to be discovered. — 4) Note on the Cerebral Localisation in the Bandicoot (*Perameles*). By H. G. Chapman, M.D., B.S., Demonstrator of Physiology in the University of Sydney. [From the Physiological Laboratory of the University of Sydney.] — The positions of the cortical motor centres in the brains of marsupials have been described in the opossum (*Didelphys virginiana*) by Ziehen, and by R. Cunningham; and in the native cat (*Dasyurus virrerrinus*) by Flashman. The results of an investigation of the motor areas observed in *Perameles nasuta* and *P. obesula* are communicated in the present paper. The centres described have been found regularly in each animal and on both sides of the brain. The movements obtained by stimulation of the appropriate cortex have been — 1) Retraction of the head with rotation of the face towards the opposite side; 2) rotation of the opposite fore-limb with backward movement of the shoulder; 3) extension of the opposite hind-limb and contraction of the muscles of the back; 4) abduction and adduction of the tail; 5) closure of the opposite eyelid. All the movements obtained were crossed. Other limb-movements were noted by stimulation in the vicinity of those mentioned above, but were not constantly found.

III. Personal-Notizen.

Als Professor der Zoologie an die Forstakademie in Tharandt ist Herr Dr. med. et phil. Karl Escherich, Privatdozent an der Universität Straßburg, berufen worden und wird Anfang des nächsten Jahres dorthin übersiedeln.

Herr Dr. **Mario Stenta** bekleidet vom 1. November d. J. die Stelle des 1. Assistenten am: Istituto di Zoologia e di Anatomia comparata della R. Università, Padua.

Am 26. Oktober starb im Alter von fast 96 Jahren in seinem Geburts- und jetzigen Wohnort Lowkowitz bei Kreuzburg (Oberschlesien) der Altmeister der Bienenzüchter Dr. **Johann Dzierzon** (geboren 16. Januar 1811), früher Pfarrer in Karlsmarkt, berühmt durch seine Entdeckungen über Lebensweise und Fortpflanzung der Bienen, sowie durch die wichtigen Förderungen, welche die Bienenzucht während seines langen Lebens durch ihn erfuhr.



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Zeitschrift/Journal: [Zoologischer Anzeiger](#)

Jahr/Year: 1906

Band/Volume: [30](#)

Autor(en)/Author(s): Anonym

Artikel/Article: [Personal-Notizen. 863-864](#)