

hinter einander. Dicht oberhalb dieser Kernschnüre weicht das Plasma der mittleren Schicht, deren Kerne sich inzwischen über den gesammten Leib zerstreut haben, aus einander, so daß die Reihe cubischer Zellen direct auf die Kernschnüre zu liegen kommt. Aus der Anordnung der Kerne und der Gestaltung der Plasmamassen kann man jetzt mit aller Bestimmtheit voraussagen, daß das äußere Syncytium die Ringmusculation, das innere aber die Längsmusculation liefern wird. Über die Zukunft der cubischen Zellen läßt sich auf dieser Entwicklungsstufe noch kein sicheres Urtheil abgeben.

(Schluß folgt.)

III. Mittheilungen aus Museen, Instituten etc.

1. Società Entomologica Italiana in Firenze.

Adunanza del 10 Luglio 1887. — Horwath, G., Note emitterologiche. — Casagrande, D., Trasformazioni del sistema digerente dei Lepidotteri nel passaggio della larva alla imagine. — Cuccati, G., Struttura del cervello della *Somomyia erythrocephala*. — De Carlini, A., Rincoti del Sottoceneri, raccolti dal prof. Pavesi. — Emery, C., Nuove formiche. — Lostia di Santa Sofia, U., Su Coleotteri della Sardegna. — Magretti, P., Imenotteri pompilidei lombardi. — De Bertolini, S., Coleotteri del Trentino. — Berlese, A., Catalogo delle Tentredini italiane. — Targioni Tozzetti, A., Note entomologiche: Sulla biologia della *Eriocampa cerosi*. — Intorno alla *Psyllodes pulchella* Loew, dell' Asia minore, trovata in Italia sul *Cercis siliquastrum*. — Sulla *Trioza lauri*. — Sulla conformazione e la biologia delle larve di *Bibio hortulanus*. — Origine e struttura del pupario nella *Cecidomyia* del grano.

2. Linnean Society of New South Wales.

25th May, 1887. — 1) Botanical. — 2) The Insects of the Cairns District, Northern Queensland. By William Macleay, F.L.S., &c. This is the first of a series of Papers, descriptive of the many novelties contained in a very large collection of Insects made by Mr. W. W. Froggatt, in the Cairns district, during the year 1886. The present Paper contains descriptions of 50 species of the Coleopterous tribes of *Geodephaga*, *Lamellicornes*, and *Malacodermes*. — 3) Descriptions of New Australian Fishes. By Dr. E. P. Ramsay, F.R.S.E., &c., and J. Douglas-Ogilby. Two Labroid fishes are here described — *Chærops Macleayi* found in Port Jackson, and *Labrichthys cyanogenys*, a fish of large size and magnificent colouring, taken in Broken Bay. — 4) Description of a new species of *Epimachus*, from New Guinea. By Dr. E. P. Ramsay, F.R.S.E., F.L.S., &c. In the description given of this species, Dr. Ramsay points out that it is allied to, but distinct from, *E. magnus*, and may be distinguished from all other known species by the light oil-brown colour of the chest and under surface, and the rosy-mauve reflections, also by the extreme length of some of the tail-feathers, which exceed 2½ feet in length, the entire length of the bird exceeding

3 feet 6 inches. He proposed for this fine species the name of *Macleayana*. — Mr. Fletcher read a note on an introduced Planarian (*Bipalium* sp., very like and possibly identical with *B. Kewense*, Moseley) which has become well established in Sydney, and which, during the damp weather of last month, occasionally appeared in considerable numbers, so that in the mornings it was quite a common object on the pavements in Hyde Park, and in the Suburbs. A large specimen was exhibited, as well as a small one originally one of several portions into which a large one divided transversely, and which after about 30 days had already begun to develop the cheese-cutter-shaped anterior extremity so characteristic of the genus. — Dr. Ramsay exhibited the new Bird of Paradise described by him, and a specimen of each sex of *Paradisornis Rudolphi*, Finsch, which differs from all other species of the family in having rich ultra-marine blue wings and flank plumes; also examples of the orange-crested bower-bird (*Amblyornis subalaris*, Sharpe), and of *Charmosyna Josephine*. The exhibits, which were obtained near the base of the Astrolabe Range, and were brought from the S. E. coast of New Guinea by Mr. Goldie, have been secured for the Australian Museum. — Mr. Brazier exhibited photographs of two species of Polyzoa (*Idmonca Mibcana*, and *I. interjuncta*) from Green Point, Port Jackson, (8 fathoms), taken by Mr. Arthur W. Waters. — Mr. A. Sidney Olliff of the Australian Museum, exhibited specimens of *Alcetoria superba*, Brunner von Wattenwyl, a remarkable genus of Orthoptera having a large thoracic crest produced over the base of the elytra; those exhibited were obtained by Mr. K. H. Bennett, at Mossgiel, in the Western district. The species was originally described by Brunner from examples obtained at Peak Downs. — Mr. Palmer exhibited specimens of the spider, at present undetermined, which fabricates the remarkable egg-bags, examples of which he had exhibited at the March Meeting of the Society. — Mr. Macleay also exhibited some grass infested by a minute grub, which lived in the stem and caused a thickening of it. He stated that the grass had been sent for examination under the belief that the prevalence at the present season of large numbers of worms in sheep, might in some way be traceable to the minute worms in the grass. A microscopical investigation by Dr. Katz had shown however that the worms in the grass were not Entozoa but maggots of minute Dipterous Insects, probably *Cecidomyiidae* or gall gnats, or possibly minute Muscids of the *Oscinides* group. The habit of the insect somewhat resembled that of *Cecidomyia destructor*, Say, the »Hessian Fly«, so destructive of wheat crops in America.

Bitte.

Denjenigen geehrten Herrn Fachgenossen, welchem ich im Febr. vorigen Jahres vom American Naturalist, Vol. XIX. 1885, die Hefte: Januar, Februar, Juni, Juli und November geliehen habe, ersuche ich dringend, mir diese Hefte schleunigst zurückzugeben. Für ihn haben sie einzeln keinen oder geringen Werth, mir wird durch ihr Fehlen der ganze Jahrgang werthlos.

Prof. J. Victor Carus.

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Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Zoologischer Anzeiger](#)

Jahr/Year: 1887

Band/Volume: [10](#)

Autor(en)/Author(s): Anonymous

Artikel/Article: [2. Linnean Society of New South Wales 419-420](#)