

ENTOMOLOGICAL ITEMS.

A NEW fungus has been found which is parasitic on *Drosophila nigricornis*. Prof. C: H. Peck has named the fungus *Appendicularia entomophila*.

MR. A. BALDING records, in *Nature* for 10 July 1884, the capture of dragon-flies (*Pyr-rhosoma minium*), measuring about five centimetres in expanse of wing, by leaves of *Drosera rotundifolia*.

A BRIEF memoir of the late Dr. Hermann Müller of Lippstadt, has been written by Ernst Krause, the proceeds of the sale of which are to be added to the "Müller Fund." The brochure contains an excellent autotypic portrait of the deceased, and the memoir is accompanied by a chronological list of Müller's writings.—*Amer. naturalist*, Aug. 1884, v. 18, p. 848.

DR. F. BRAUER gives a brief notice of parts of the life history of *Hirmoneura obscura*, a dipteran, in the Verhandlungen der kaiserlich-königlichen zoologisch-botanischen gesellschaft in Wien, for 1883. The larva of this species lives in the grub and pupa of the European June-beetle, *Rhizotrogus solstitialis*.

AN EXCELLENT idea for publications of local scientific societies is carried out by the Verein für naturkunde zu Cassel, in its Bericht for 1883 to 1884. Over one-half of this Bericht is devoted to a list, by Dr. Carl Ackermann, of scientific works of all kinds pertaining to Cassel and its vicinity. In the portion of the list devoted to the distribution of animals is to be found mention of many papers upon the insect fauna of the above-mentioned region.

AT THE Montreal meeting of the British association for the advancement of science but one entomological paper was read. This paper, "A contribution to our knowledge of the *phytopti*," was by Prof. Playfair McMurrick, of Guelph, Ontario, Canada. Entomology was better represented at the Philadelphia meeting of the American asso-

ciation for the advancement of science. Dr. C. S. Minot read a paper "On the skin of insects"; Prof. Geo. Macloskie, on "The dynamics of the insect-crust"; Dr. C. V. Riley, "On the hitherto unknown mode of oviposition in the *carabidae*"; and Lillie J. Martin, a paper entitled, "A botanical study of the mite-gall found on the petiole of *Juglans nigra*, known as *Erineum anomalum* Schw.

AT A recent meeting of the Baltimore Naturalists' field club, Mr. Otto Lugger gave an account of a strange hymenopterous parasite infesting the larva of *Tiphia*. The *Tiphia* lays its eggs in the larva of *Lachnosterna fusca*; the larva of *Tiphia* when nearly mature eats the white grub and then spins for itself a beautiful silken cocoon. This larva in turn is often infested by the larva *Rhipiphorus pectinatus* or *R. limtatus*, the eggs of which have become fastened to the *Tiphia*, and in this way reach the *Tiphia* cocoon. Mr. Lugger has also found in the same cocoons small hymenopterous parasites. The order of events in this case appears to be that the larva of a large coleopterous insect is destroyed by a hymenopterous larva, this in turn by a coleopterous larva, and this again by a hymenopterous larva.—*Science record*, 15 Aug. 1884, v. 2, p. 232.

ACKNOWLEDGEMENT OF CONTRIBUTIONS.

THE CAMBRIDGE ENTOMOLOGICAL CLUB being so constituted that entomologists in all parts of North America may become active members thereof and acquire the same rights to control its affairs and direct its policy that are possessed by members resident in Cambridge, expects from North American entomologists a support as liberal as its constitution.

PSYCHE, being conducted under the direction of the Club, free from local or partisan interests, is likewise entitled to liberal support. Subscribers to PSYCHE may borrow from the library of the Club any works

which could be replaced in case of loss, upon compliance with the simplest conditions practicable. Thus subscribers who live at a distance from libraries may obtain, through the mails, the benefit of access to a valuable entomological library, constantly increasing by means of donations and the receipt of publications in exchange for PSYCHE.

A Permanent Publication Fund has been established by the Club, the income alone of which is used to assist in defraying the cost of the publication of PSYCHE. As yet the fund is too small to furnish the amount of income needed. The Club does not hesitate to ask the friends of entomology to contribute to this fund, believing that their favorite science will be benefitted thereby.

In default of a regular income sufficient to defray the cost of the publication of PSYCHE, reliance has had to be placed on the timely assistance of special friends of the work. As yet such friends have not been wanting, who have assisted by donations or the advancement of the money needed.

In March 1884 a statement of the financial condition of the Club for the year 1883 was sent to a large number of subscribers to PSYCHE, with a form of agreement for subscription to a guarantee fund for the payment of the deficit on the cost of publishing PSYCHE for 1883, as that deficit might stand on 1 July 1884. Bills were at the same time sent to all persons who were indebted to the Club, with a special request for payment of dues. The following persons agreed to pay the amounts set against their names, or so much *pro rata* as might be needed to meet the deficit:—

T: W. Higginson, Cambridge, Mass.	\$5.00
H. Osborn, Ames, Iowa	5.00
W: H. Patton, Waterbury, Conn.	5.00
F. G. Sanborn, Worcester, Mass.	5.00
S. A. Forbes, Normal, Ill.	10.00
H: G. Hubbard, Crescent City, Fla.	10.00
B: P. Mann, Washington, D. C.	25.00
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	\$65.00

Mr. Sanborn having since died, but \$60 were called for.

The financial condition of the Club, for 1883 stood as follows on 1 July 1884:—

EXPENSES.

For printing PSYCHE, nos. 105-116	\$357.67
“ postage and Club expenses	27.04
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	\$384.71

RECEIPTS.

From membership fees	\$52.00
“ subscriptions to PSYCHE	167.77
“ publication fund (1880-1883)	39.59
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	\$259.36

Deficit	\$125.35
Bills due	95.20

In contemplating this deficit it should be borne in mind that PSYCHE is sent in exchange to more than eighty societies or publishers, whose works enrich the library of the Club, and could be purchased only for a sum far in excess of the pecuniary deficit.

In the Annual reports of the Secretary, etc., for 1882, presented 12 Jan. 1883, and published in pamphlet form, are acknowledgments of donations to the Permanent Publication Fund, which, with other receipts, amounted to a principal of \$224.39. Since then have been received from:—

E. M. Aaron, Philadelphia, Pa.	\$1.00
Laurence Curtis, Boston, Mass.	5.00
Louis Curtis, Boston, Mass.	5.00
J. G. Gooch, Cambridge, Mass.	1.00
H: G. Hubbard, Crescent City, Fla.	2.00
J: G. Jack, Chateaugay Basin, P. Q.	1.00
Otis Norcross, Boston, Mass.	5.00
A. S. Packard, jr., Providence, R. I.	10.00
F. G. Sanborn, Worcester, Mass.	5.00
L. M. Sargent, Boston, Mass.	5.00
W. F. Wharton, Boston, Mass.	5.00
Previously acknowledged	224.39
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	\$269.39

B: PICKMAN MANN,

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