

*Anthicus coracinus* Lec. A few specimens under decaying hay, in Oct.  
*Eustrophys confinis* Lec. Not rare with *E. bicolor* Say and *E. tomentosus* S.  
*Glipodes sericans* Lec. Two specimens by sweeping.

E. A. Schwarz.

## BIBLIOGRAPHICAL RECORD.

Authors and Societies are requested to forward their works to the Editor at the earliest date possible. We ask our readers to inform us of the publication especially of those works which are not generally consulted by entomologists.

B. Pickman Mann.

(Continued from page 113.)

\* 381. The **Observer of Nature**, vol. i, contains the following, and Nos. 382 to 392.

a. Brief notes [of interest, but not demanding special reference] upon donations of insects to the Kansas State University and upon the diligence and success of students and collectors belonging to the University, Nos. 1, 2, 3, 4. b. Abundance of *Lygaeus leucopterus*, No. 2. c. University Cabinet [extent of the entomological collection], No. 3. d. The Curculio [habits of *Conotrachelus nenuphar*], No. 4.

\* 382. ANDREW ATCHISON. The First Naturalist. No. 1. Biographical sketch of Aristotle.

\* 383. GEORGE F. GAUMER. Insects and How to Collect them. No. 1.

Directions for collecting insects.

\* 384. G. F. GAUMER. Collecting in Southern Kansas. No. 1.

Notes upon the habits of the tarantula, scorpion and centipede.

\* 385. ANONYM. How to Collect. No. 2.

Habits of Coleoptera; how to collect and preserve them.

\* 386. F. H. SNOW. List of Butterflies occurring at Lawrence, Kansas, with notes. No. 2.

List of 66 species; notes on their abundance and food-plants.

\* 387. F. H. MORGAN. Coleoptera in Lawrence Mills. No. 3.

Notes on habits of seven species found in flour-mills.

\* 388. G. F. GAUMER. Nature's Common Things. No. 3. Notice of a few insects occurring near Lawrence.

\* 389. W. H. EDWARDS. Butterflies. No. 4.

Letter to Prof. Snow, upon varieties and the rearing of butterflies.

\* 390. A. ATCHISON. The Maple Worm. No. 4.

Habits, food-plants (*Acer* spp.) and parasites of *Anisota rubicunda*. [See also vol. ii, No. 4.]

\* 391. ANONYM. The Colorado Potato Beetle. No. 4.  
Habits, food-plants (*Solanum* spp.) and parasites of *Doryphora 10-lineata*.

\* 392. G. F. GAUMER. Our Little Enemies. No. 4.  
Description, habits and food (pelts and stuffs) of *Tinea flavifrontella* and *Attagenus pellicio*.

\* 393. The **Observ. Nat.**, vol. ii, contains the following, and Nos. 394 to 396.

a. Brief notes similar to those recorded in Rec., No. 381a, Nos. 1, 2, 3, 4. b. Offer of prizes for the best collections of insects, No. 1. c. Catching moths by baiting with a female, No. 1. d. Enemies to the Potato Vine [remarks on habits of various species] (by W. S. Herrick, Thos. Gaumer, J. D. Lambert, A. Atchison, G. F. Gaumer, W. Osburn), No. 2. e. Larva of *Lachnosterna fusca* infested with a fungus, No. 3. f. Abundance of *Caloptenus spretus* just hatched; other notes on these locusts, No. 3. g. Scarcity of various insects, Nos. 3, 4. h. Notes on *Lygaeus leucopterus*; its scarcity.

\* 394. G. F. GAUMER. Hyponomeuta Wakarusa, New Species. No. 1.

Description of larva, pupa and imago; habits; food-plant (*Euonymus atropurpureus*).

\* 395. J. D. LAMBERT. Diptera. No. 1.

General remarks on Diptera; especially *Cecidomyia* spp., Tabanidae, Oestridae; their habits.

\* 396. G. F. GAUMER. Three Days among the Grasshoppers. No. 4.

Habits and ravages of *Caloptenus spretus*; manner of moulting.

\* 397. The **Can. Entom.** [see Rec., Nos. 85-104], vol. vi, from p. 67, contains the following, and Nos. 398 to 445.

[See Rec., No. 85.] a. First Annual Report of the Council of the Montreal Branch of the Entomological Society of Ontario [good advice], p. 133-134. b. Notice of Riley's Sixth Annual Report [etc., see Rec., No. 39], p. 140; of an article on the Colorado Beetle [*et al.*] by Newman "in a recent number of his 'Entomologist'", p. 160; of Glover's Manuscript Notes [etc., see Rec., No. 71], p. 260. c. Presumed hibernation of larvae of *Melitaea Phaeton*; food plant of *Phyciodes marcia* (by W. H. Edwards) p. 159. d. Fears of the invasion of Europe by *Doryphora 10-lineata*, p. 160. e. Obituary notice of G. R. Crotch, p. 160. f. Annual Meeting of the Entom. Soc. of Ontario [see Rec., No. 432], p. 199. g. Purchase of Insects [establishment of the "Philadelphia Agency" to facilitate exchanges among entomologists], p. 200.<sup>1</sup> h. Insects and Flowers [Apis and Bombus getting honey from Wistaria flowers through a hole drilled in the calyx by

<sup>1</sup> The Agency no longer exists. B. P. M.

the latter] (by C. T.), p. 206. *i.* Finding of *Dryocampa rubicunda* in Montreal (by H. H. Lyman), p. 220. *j.* Petition for assistance (by Dr. A. S. Packard, Jr.), p. 220. *k.* Index, p. 261-264.

\* 398. GAMBLE GEDDES. On some of our Common Insects. 14. The Common Cockchafer — *Lachnosterna quercina*, Knoch. p. 67-69, fig. 8.

Habits; season; food-plants; description of imago and larva; figures.

\* 399. A. R. GROTE. On Mr. Couper's Collections of Lepidoptera made on Anticosti Island in 1873. p. 69-72.

Enumerates 31 species; treats especially of *Alypia Langtoni*, *Platartia parthenos*, *Arctia virguncula*, *Agrotis gilvipennis*, *A. confusa*, *Eurois occulta*.

\* 400. R. V. ROGERS. On some of our Common Insects. 15.—The Coccinellidæ. p. 81-85, fig. 9-15.

Habits, appearance and usefulness, especially of ten Canadian species.

\* 401. T. G. GENTRY. Remarkable Variations in Coloration, Ornamentation, &c., of certain Crepuscular and Nocturnal Lepidopterous Larvæ. p. 85-91.

Contrasted descriptions, food-plants and seasons of normal and varietal forms of larvæ of *Actias luna*, *Telea polyphemus*, *Eacles imperialis*, *Sphinx 5-maculata*; variations due to changed nutrition; analogous phenomena in silk worms.

\* 402. PROF. S. H. PEABODY. *Arctia Arge*, Drury. p. 98.

Seasons, food-plant, habits and description of the larva.

\* 403. W. SAUNDERS. On some of our Common Insects. 16.—The Gooseberry Saw-fly (*Nematus ventricosus*, Klug.) p. 101-104, fig. 16-18.

Habits; seasons; descriptions and figures; enemies (fig.).

\* 404. H. K. MORRISON. On two new species of Noctuidæ [*Hydroscia semiaperta*; *Hadena congermana*]. p. 105-106.

\* 405. F. WALKER. Translation of the Synopsis of the Genera of European Mycetophilidæ. p. 111-114.

Complement to the article cited in Rec., No. 89; together 42 genera.

\* 406. G. M. DODGE. Notes on Collecting Lepidoptera. p. 114-115.

Substances to be used as bait; cyanide as a killing material.

\* 407. A. R. GROTE. New Canadian Noctuæ. p. 115-118. Species collected; list of 25 European species certainly found in N. A.

\* 408. F. B. CAULFIELD. A Thirsty Spider. p. 119.

Observation of "a small black spider," drinking.

\* 409. W. H. EDWARDS. Notes on the Larvæ of *Argynnis Cybele*, *Aphrodite* and *Diana*. p. 121-125.

Experiences in raising these butterflies from the egg; peculiarities in their habits.

\* 410. G. M. DODGE. *Catocala Whitneyi*, N. sp. p. 125-126.

Description; habitat; habits.

\* 411. V. T. CHAMBERS. Micro-Lepidoptera [concl. from Rec., No. 88]. p. 128-130, p. 149-153, p. 166-170, p. 197-198, p. 217-220.

Describes<sup>1</sup> *Coleophora zelleri*, *C. argentialb.*, *C. gigant.*, *C. aeneus*, *C. fagistic.*, *C. unicolor*, *C. ciliaeochr.*, *C. rufolute.*, *C. auropurpuri.*, *C. lineapulv.*, *Aspidisca juglandi.*, *A. salici.*, *A. diospyri.*, *Antispila ampelopsifoli.*, *A. hydrangae.*, *A. ampelopsis* = 16 n. spp.; re-describes *Aspidisca splendorifer.*, *A. —*, *Antispila cornifoli?*, *A. isab.*, *A. viticordifoli* n. sp.?; notes upon the habits, as far as known; characters distinguishing the American species of *Antispila* and several species of *Aspidisca*.

[The new species and genera referred to in Rec., No. 88 are<sup>1</sup> *Argyresthia undulat.*, *A. apicimacul.*, *Dryope.*, *D. Murtfeldi.*, *Oenoe.*, *O. hybrom.*, *Perimede.*, *P. errans.*, *Ch[r]ysopeleia.*, *Ch. purpuri.*, *Aeaea.*, *A. ostryae.*, *Theisoa.*, *Th. bifasci.*, *Philonome.*, *Ph. Clemens.*]

\* 412. A. R. GROTE. On two species of *Agrotis*, allied to *A. triangulum*. p. 131-132.

Describes *A. attentus.*, *A. perattentus* = 2 n. spp.; "*Hadena renigera*" is a *Mamestra*.

\* 413. F. B. CAULFIELD. Notes on the Larva of *Leucania pseudargyria*, Guenee. p. 132-133.

Description of the larva; its hibernation.

\* 414. S. V. SUMMERS. Notes on the Species of *Oodii* of Louisiana. p. 135-137.

Biological notes on 9 species of *Oodii*, and on *Crinus scrophulariae*; description of the latter.

\* 415. J. L. LECONTE. Anticosti Coleoptera. Collected on the Island in 1873, by Wm. Couper, Montreal. p. 137-138.

List of 49 species determined, and 4 known as to genus.

\* 416. WM. SAUNDERS. On some of our Common Insects. 17.—The Currant Geometer or Measuring Worm — *Ellopiea (abraxia) ribearia*, Fitch. p. 138-139, fig. 22-23.

Description of larva (fig.) and imago (fig.); habits; means against it.

<sup>1</sup> Every specific name ends in *ella*, omitted in the Record to save space.



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