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- Academy** of natural sciences, Philadelphia, Pa.
—*Entomological section*. Advertisement. (Proc. m. meetings entom. sect. acad. nat. sci. Phil., [16 Apr. 1879], p. 1.)
Announcement of the relations existing between the American entomological society and the Entomological section of the Academy of natural sciences, Philadelphia, Pa.; prospectus of the "Proceedings . . ." [See PSYCHE, Rec. no. 1915]. B: P. M. (1914)
- Academy** of natural sciences, Philadelphia, Pa.
—*Entomological section*. Proceedings of the monthly meetings [1879]. [Phil., 1879.] 34 p., 25 × 14, t 14.5 × 9.8.
An abstract of these Proceedings is published in PSYCHE, July [12 Oct.], Aug. [4 Nov.] 1879, v. 3, p. 89, 104. B: P. M. (1915)
- [**American** association for the advancement of science—*Entomological club*—Boston [Mass.] meeting (1880). Advertisement.] (Can. entom., June 1880, v. 12, p. 104.) (Amer. nat., July 1880, v. 14, p. 550; Aug. 1880, v. 14, p. 615-616.) (Psyche, May [July] 1880, v. 3, p. 71; June [Aug.] 1880, v. 3, p. 83.)
Various announcements of the annual meeting to be held 23-31 Aug. 1880. B: P. M. (1916)
- "**Baird**, Spencer Fullerton, ed. Annual record of science and industry for 1878. N. Y., Harper, 1879. 17 + 715 p. O. cl., \$2.
"8th volume of a series begun 1871. Summary of progress made during year in the various branches of science; each being separately treated, by eminent specialists, such as E. S. Holden, Cleveland Abbe, Profs. G. F. Barker, E. S. Dana, T. Sterry Hunt, Dr. A. S. Packard, etc. Also contains: Industrial statistics; List of scientists who died during the year; Select works on science published in 1878. Table of contents presents an analysis of the several articles. Alphabetical index."—*Title-slip registry*, June [July] 1879, v. 1, no. 6, p. 56. (1917)
- Bark-lice**. (Prairie farmer, 12 June 1880, v. 51, no. 24, p. 186, col. 4, 16 cm.)
[*Pulvinaria innumerabilis*] on soft maples at Chicago and Franklin Grove, Ill.; remedies—soft soap and water, or, carbolic acid and water. J. D. P. (1918)
- Barrois**, J. Investigations on the development of the spiders. (Annals and mag. nat. hist., March 1880, s. 5, v. 5, p. 197-211, pl. 9.)
"Translated by W. S. Dallas from a separate copy, furnished by the author, of the memoir published in the 'Journal de l'anatomie et de la physiologie,' tome xiv, p. 529-547." G: D. (1919)
- Bates**, James Elwyn. [Thoracic appendages etc.] (Can. entom., Jan. 1880, v. 12, p. 20.)
Processes on the thorax of a female *spilosoma virginea*; collecting moths about the sap exuding from new buds of a species of oak [*quercus*]. G: D. (1920)
- Beal**, F. E. L. Tardigrades and eggs. (Amer. nat., Aug. 1880, v. 14, p. 593-594, il.)
Macrobotus (?) lays its eggs in its cast-off skin. G: D. (1921)
- Beal**, W. J. The agency of insects in fertilization. (Amer. nat., March 1880, v. 14, p. 201-204.)
Records briefly the results of experiments made by students of the Michigan Agricultural College, under the direction of Prof. Beal. G: D. (1922)
- Bed bugs** swarming in nests of the house swallow in New Mexico. (Cultivator and country gent., 3 June 1880, v. 45, no. 1427, p. 358, col. 3, 2 cm.) J. D. P. (1923)
- Befruchtung** (Die) von *erica carnea*. (Kosmos [Leipzig], July 1879, bd. 5, p. 300, 23 cm.)
Discussion of the question whether *bombus* fertilizes *e. carnea*. G: D. (1924)
- Bod**, Lewis. Carnivorous wasps. (Nature, 8 Apr. 1880, v. 21, p. 538.)
Wasp seen eating a fly. J. M. W. (1925)
- B.**, J. H. Memoir of the late Professor Jacob Boll. (The Dallas [Tex.] d. herald, 28 Oct. 1880, v. 30, no. 20, p. [6], col. 1, 42 cm.)
B. 29 May 1828, in the canton of Aargau, Switzerland; d. 29 Sept. 1880, in camp on Red River, Wilbarger Co., Texas. B: P. M. (1926)
- Boll**, Jacob, see B., J. H., Memoir of the late Professor Jacob Boll [PSYCHE, Rec., no. 0403.]
- Boll**, Jacob, Death of *Prof.* (The Dallas [Tex.] d. herald, 5 Oct. 1880, v. 27, no. 273, p. 2, col. 2-3, 21 cm.)
Announcement of Boll's death; enumeration of his family and of official positions held by him. B: P. M. (1927)
- Bowles**, G. H. Annual meeting of the Montreal branch [of the Entomological soc. of Ontario, Canada]. (Can. entom. June 1880, v. 12, p. 119.)
Report of proceedings of the 7th annual meeting, held 17 May 1880. G: D. (1928)

[**Brandt**, Eduard K] Ueber das Nervensystem der Dipterenlarven. (Zool. Anzeiger, 3 May 1880, Jahrg. 3, p. 215.)

Notice of a paper by E. K. Brandt before the zoological section of the sixth assembly of Russian naturalists and physicians. G: D. (1929)

California academy of sciences, *San Francisco, Cal.* [Report of proceedings.] April 5 [1880]. (Amer. nat., June 1880, v. 14, p. 472.)

B. B. Redding exhibited twigs of *larrea mexicana*, with imbedded lac insects, from Arizona. G: D. (1930)

Dubois, A. Chasse aux coléoptères dans les villes. (Feuille des jeunes naturalistes, Feb. 1880, p. 45-46.)

How to collect insects in towns. G: D. (1931)

Grote, A. Radcliffe. On the described N. Am. species of *thalpochares*. (Can. entom., March 1880, v. 12, p. 57-59.)

List of the 8 described species of N. A. *thalpochares*, with the reasons for including some of them in the genus. G: D. (1932)

Grote, A. Radcliffe. Crambidae. (Can. entom., Jan. 1880, v. 12, p. 15-19.)

Notes upon or descriptions of 15 species, of which 10 are new species, as follows: *chilo cramboides* (from Kansas), *crambus dissectus* (N. Y.), *c. occidentalis* (Cal.), *c. exesus* (N. Y.), *c. goodellianus* (Mass.), *c. oregonicus* (Oreg.), *c. anceps* (Cal.), *c. laciniellus* (Me.), *c. attenuatus* (Vanc. Isl.), *c. edonis* (Tex.). G: D. (1933)

Hagen, Hermann August. Kiemenerüberreste bei einer Libelle; glatte Muskelfasern bei Insecten. (Zool. Anzeiger, 21 June 1880, Jahrg. 3, p. 304-305.)

Remnants of gills found in *euphaea*. This insect also has non-striated muscular fibres in its gills. G: D. (1934)

Hagen, Hermann August. The exceedingly numerous appearance of a phryganid. (Can. entom., June 1880, v. 12, p. 108.)

Brachycentrus fuliginosus very abundant at Birmingham, Conn. G: D. (1935)

Hagen, Hermann August. On the destruction of obnoxious insects by yeast. (Can. entom., May 1880, v. 12, p. 81-83.)

Record of opinions and experiments to show that yeast-fungus kills insects. G: D. (1936)

Hagen, Hermann August. *Cordyceps ravenelii* on the larvae of *phyllophaga*. (Can. entom., May 1880, v. 12, p. 89.)

Brief description of the above-mentioned fungus, quoted from M. A. Curtis, with notes on the larvae of *phyllophaga*. G: D. (1937)

Harrington, W. Hague. Entomology for beginners. Some wood eaters. (Can. entom., May 1880, v. 12, p. 95-99.)

Notes upon *tremex (sirex) columba* and *sirex gigas* and upon other *uroceridae*. G: D. (1938)

Hopkins, Ellice. On ants. (Contemporary rev., June 1880, p. 941-955.)

Summary of modern observations on the nature and sociology of ants. G: D. (1939)

Horne, W. The oriole or golden robin. (Cultivator and country gent., 3 June 1880, v. 45, no. 1427, p. 358, col. 4, 4.5 cm.)

Greyish-green caterpillars on hyslop crab apple trees destroyed by orioles [*icterus*]. J. D. P. (1940)

Horvath, Géza. Ueber periodische Erscheinungen im Tierreiche: zugleich ein Aufruf zu deren systematischer Beobachtung. (Entom. Nachrichten, 15 May 1880, Jahrg. 6, p. 97-103; 1 June 1880, Jahrg. 6, p. 109-115.)

Translation of a paper in the "Mittheilungen der ungarischen naturwiss. Gesellschaft, Jahrg. 1880, März-Heft." Treats partly of insects. G: D. (1941)

DE Grey, T.; *Lord Walsingham*. Illustrations of typical specimens of lepidoptera heterocera in the collection of the British Museum. Part IV.—North American *tortricidae*. London, printed by order of the Trustees, 29 Nov. 1879. 12+84 p., 17 col. pl., 33×25, t 20×14.5.

Review. (The entomologist, Nov. 1880, v. 13 no. 210, p. 287-288.)

Review. (Psyche, Oct. 1880 [Feb. 1881], v. 3, p. 128.)

Contains descriptions and colored illustrations of the following new species: *Terus nvisellana*, *T. simpliciana*, *T. foliana*, *Hendecastema cuneanum* and var. *adumbratum*, *Lozotaenia fucana*, *L. retiniana*, *L. retana*, *L. franciscana*, *L. glaucana*, *Lophoderus gloveranus*, *Oenectra inconditana*, *O. rudana*, and var. *a.*, *O. senecioniana*, *Cenopsis graciliana*, *C. diluticostana*, *C. niveana*, *C. pulcherrimana*, *C. demissana*, *Dichelia luviciana*, *D. californiana*, *Capua lentiginosana*, *Sciaphila horariana*, *S. trigonana*, *S. basiplagana*, *Synnoma* (n. g.) *lynosyrana*, *Retinia subservicinana*, *Idiographis fulviphiciana* and var. *I. neegrana*, *Cochylis intactana*, *C. fernidana*, *C. parvella*, *C. transversana*, *C. saziocostana*, *C. latipunctana*, *C. dilutana*, *C. campiciliana*, *C. parvimaclulana*, *Penthina consanguinana*, *P. conditana*, *Sericois vetulana*, *S. auricapitana*, *S. dilutifuscana*, *S. chalybeana*, *Exartema sericoratum*, *E. punctatum*, *E. griseocolumbanum*, *Paedisca culminana*, *P. dilotana*, *P. terraeocetana*, *P. rectiplicana*, *P. albanulana*, *P. basipunctana*, *P. subplicana*, *P. nigrilabana*, *P. agricola*, *P. atomosana*, *P. bolanderana*, *P. crambitana*, *P. larana*, *P. luridana*, *P. argentalabana*, *P. pulveratana*, *P. primulana*, *P. biguadrana*, *P. shastana*, *P. grandiflavana*, *P. subflavana*, *P. maculata*, *P. irroratana*, *P. perdiciana*, *P. passerana*, *P. glomerana*, *P. fulminana*, *P. canana*, *P. hirsutana*, *P. radicans*, *P. abruptana*, *P. graduatana*, *P. palpana*, *P. abbreviatana*, *Semasia radiatana*, *S. elongana*, *S. artemisiana*, *S. scalana*, *S. columbiana*, *S. decempunctana*, *S. parangustana*, *S. lapidana*, *S. sublapidana*, *S. tenuiana*, *S. parviana*, *S. stramineana*, *S. minimiana*, *S. argenticostana*, *S. griseocapitana*, *S. pallidicostana*, *S. infuscana*, *S. oregonana*, *S. amphorana*, *Hystrichophora* (n. g.) *leocana* and var. *aurantiana*, *Grapholitha vitrana*, *G. caeruleana*, *G. conversana*, *G. lunatana*, *G. americana*, *G. trosculana*, *Proteopteryx* (n. g.) *emarginana* and varities, *Phoroblastis texanana*, *Carpocapsa latiferreana*, *Steganoptycha liturana*, *S. lagopana*, *S. biangulana*, *S. purpuriciliana*, *Phoxopteryx pacificana*, *Ph. muriciana*, *Ph. cometana*, *Rhyacionia junciticiatana*, *Dichrorampha radicecolana*.

The following species described by Francis Walker, from North America, are re-described and colored figures given of each: *Terus pulverosana* = *Sciaphila implexana*, *T. rostrana* = *T. restituta* = *T. connexana*, *T. albaniana*, *T. obsolotana*, *T. directana*, *Begumna xanthoides* = *Terus xanthoides*, *Tortrix patulana*, *T. confictana*, *Lophoderus? semifervanus*, *L. melaleucanus* = *Cochylis inoveana*, *Cacoecia transiturana*, *C. triferana* = *C. velutinana*, *Dichelia furcata*, *Sciaphila afflicta*, *S. hebesana* = *Carpocapsa inezperiana*, *S. puncticostana*, *S. confixana* = *S. perductana*, *S. ferriferana*, *S. improbana* = *Paedisca diffinana*, *S. perstructana*, *Retinia argyrosila*, *R. georgiana*, *Cochylis floccosana*, *C. scissana*, *Penthina subnivana*, *P. dealbana*, *P. resumptana*, *P. transmissana*, *Paedisca inquitana*, *P. cataclystiana*, *Affa bipunctella*, *Grapholitha strenuana* = *G. exvagana*, *G. sollicitana*, *G. refusana*, *G. discigerana* = *G. metametana*, *G. apicana*, *G. divisa*. Most of these species are referred to other genera, those being the ones to which they more properly belong. C: H: F. (1942)



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