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DIMMOCK'S SPECIAL BIBLIOGRAPHY, NO. 1.

THE

ENTOMOLOGICAL WRITINGS OF JOHN L. LECONTE.

COMPILED BY SAMUEL HENSHAW.

EDITED BY GEORGE DIMMOCK.

CAMBRIDGE, MASS. :
PUBLISHED BY THE EDITOR.
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INTRODUCTORY.

The only system of practical bibliography is one which admits of an indefinite number of additions. The books to which the index finger of the bibliographer should point, especially in scientific departments, are not those published fifty, or even five, years ago. They are the works of the present, not the musty tomes of the past. A system which can do this, and do it perfectly, is the title-slip system lately adopted by the American Library Association co-operating with the most prominent American publishers, and just coming into practical operation in the United States. It is for the purpose of furnishing title-slips prepared similarly to those of the American Library Association (see *The Library Journal*, 1878, v. 3, p. 113-115), that these references are compiled. In order to put them in a form convenient for distribution to foreign libraries, to specialists and to bibliographers, a few copies have been printed as Special Bibliographies. On account of their separate paging and heavy-type heading these Special Bibliographies can be bound together in alphabetical order.

For the first of this series of Special Bibliographies, Mr. Samuel Henshaw, of Boston, Mass., has prepared a list, supposed to be complete to date, of the entomological writings of Dr. John L. LeConte, of Philadelphia. Dr. LeConte has kindly examined the copy prepared for this list, and has furnished the reference to the only article (no. 75) not seen by Mr. Henshaw.

The bibliography of general American entomology can be found chiefly in the following work

HAGEN'S BIBLIOTHECA ENTOMOLOGICA, Leipzig, v. 1, 1862; v. 2, 1863. [Literature up to 1862.

PACKARD'S RECORD OF AMERICAN ENTOMOLOGY, Salem, Mass. [Published yearly from 1863 to 1872; includes an annotated list of entomological papers from 1863-1871.]

PSYCHE. Organ of the Cambridge Entomological Club. Cambridge, Mass., 1874-1879, v. 1- [Contains "a list of all writings upon entomology published in North America and of all writings upon North American entomology, from the beginning of the year 1874, with a brief note (descriptive) of the contents of each."]

"The Entomological Writings of John L. LeConte," as herewith presented, contains many references not found in the above mentioned works.

Corrections and additions will be thankfully received by the editor, as the title-slips can be corrected immediately.

GEORGE DIMMOCK.

CAMBRIDGE, MASS., U. S. A., 1 November, 1878.

THE ENTOMOLOGICAL WRITINGS OF JOHN L. LECONTE.

COMPILED BY SAMUEL HENSHAW.

EDITED BY GEORGE DIMMOCK.

[The style of printing, the frequency of repetition, and the peculiarities of punctuation and of capitalization in these special bibliographies are necessary, because the references will be printed on index cards to be used in connection with the cards adopted by the American Library Association. G. D.]

LeConte, John Lawrence.

[Biog. sketch and por.]

(Pop. sci. monthly, 1874, v. 5, p. 622-623.)

Dr. L. was born in New York, May 13, 1825, and was the son of Major John Eatton LeConte, formerly of the U. S. Army. Dr. L. graduated from St. Mary's College, in Maryland, in 1842 and from the College of Physicians and Surgeons, in New York, in 1846. He was President of the American Association for the Advancement of Science, for 1874. "During the late civil war he entered the army medical corps as surgeon of volunteers and was promoted to the grade of Lieutenant-Colonel and Medical Inspector U. S. A., in which capacity he served until the mustering out of the inspectors after the close of the war, in 1865."—*Pop. sci. monthly*.

1

Descriptions of new species of North American coleoptera.

(Proc. Acad. Nat. Sci. of Phil., 1844, v. 2, p. 48-53.)

Describes 23 species of *carabidae* from the middle and southern states.

2

Descriptions of some new species of coleopterous insects inhabiting the United States.

(Proc. Bost. Soc. Nat. Hist., 1844, v. 1, p. 201.)

Describes 9 and mentions 2 species of *cicindelidae*, *carabidae*, *dytiscidae* and *cerambycidae*, from the middle and western states. The same species are figured and described by LeConte in "Descriptions of some new and interesting insects inhabiting the United States."

3

Descriptions of some new and interesting insects, inhabiting the United States.

(Bost. journ. nat. hist., 1845, v. 5, p. 203-209, pl. 18.)

Separate, [Bost., 1845.] 7 p. 1 pl. t 16.5 × 9.5.

Describes and figures 11 species of coleoptera. The same species were described by LeConte in "Descriptions of some new species of coleopterous insects inhabiting the United States."

4

Fragmenta entomologica.

(Journ. Acad. Nat. Sci. of Phil., 1847, s. 2, v. 1, p. 71-93.)

Synoptic tables and descriptions of new North American species of *triplex*, *lycini*, *pedilus* [*corphyra*] and *botrypus* [*figyrus* and *aphonus*], and descriptions of 17 species from the middle, southern and western states.

5

Monograph of the species of *pasimachus* inhabiting the United States; with descriptions of two new genera belonging to the family *carabica*.

(Annals Lyc. Nat. Hist. N. Y., 1848, v. 4, p. 141-154, pl. 7-8.)

Describes and figures 12 species of *pasimachus*, *curylerus* [*uothopus*] *zabroides*, and *psydus piceus*.

6

On certain coleoptera, indigenous to the eastern and western continents.

(Annals Lyc. Nat. Hist. N. Y., 1848, v. 4, p. 159-163.)

Mentions 8 species whose introduction cannot be attributed to commerce; general observations.

7

A descriptive catalogue of the geodephagous coleoptera inhabiting the United States east of the Rocky Mountains.

(Annals Lyc. Nat. Hist. N. Y., 1848, v. 4, p. 172-174, pl. 13-14.)

Separate, [N. Y., 1848.] 144 p. t 16.5 × 9.5.

Gives bibliographical references, notes localities, redescribes old and describes new species; figures 14 species of *cicindela*.

The pages succeeding p. 233 are numbered 100 too high.

8

Synopsis of the coleopterous insects of the group *cleridae* which inhabit the United States.

(Annals Lyc. Nat. Hist. N. Y., 1849, v. 5, p. 9-35.)

Separate, [N. Y., 1849.] 27 p. t 16.5 × 9.5.

9

General remarks upon the coleoptera of Lake Superior.

(Lake Superior, Agassiz and Cabot, Bost., Gould, Kendall and Lincoln, 1850, p. 201-242, pl. 8.)

List of species taken, descriptions of new species, comparison of the forms found in the northern new world with those of the old world, and description of larva and pupa with remarks upon the systematic position of *curypalpus* [*psphenus*] *lecontei*. Figures 12 species.

LeConte, John Lawrence.

10

On the *pselaphidae* of the United States.

(Bost. Journ. nat. hist., 1850, v. 6, p. 64-110.)

Extract, (Trans. Entomological Soc. Lond., n. s., [s. 2,] 1851, v. 1, p. 119-126.)

Parallelism between genera and species of North America and Europe, classification of the family, and descriptions of the genera and species found in the United States.

11

An attempt to classify the longicorn coleoptera of the part of America north of Mexico. Part i.

Cerambyci.

(Journ. Acad. Nat. Sci. of Phil., 1850, s. 2, v. 1, p. 311-340.)

Classification of the family; characterization of the genera and descriptions of the species of the subdivision *lepturidae*.

11a

An attempt to classify the longicorn coleoptera of the part of America north of Mexico. Part i.

Cerambyci, [continued.]

(Journ. Acad. Nat. Sci. of Phil., 1850, s. 2, v. 2, p. 5-38.)

Divides the subdivision *cerambycidae* into fourteen groups, describes genera and species.

11b

An attempt to classify the longicorn coleoptera of the part of America north of Mexico. Part i.

Cerambyci, [concluded.] Part ii. *Prioni*.

(Journ. Acad. Nat. Sci. of Phil., 1852, s. 2, v. 2, p. 99-112.)

Describes the genera and species of the subdivision *spomyliidae*; appendix correcting errors, and describing new species of *cerambyci*; describes genera and species of *prioni*.

11c

An attempt to classify the longicorn coleoptera of the part of America north of Mexico. Part iii.

Lamiæ.

(Journ. Acad. Nat. Sci. of Phil., 1852, s. 2, v. 2, p. 139-178.)

Divides the *lamiæ* into 17 groups, describes the genera and species; gives addenda, with corrections, list of works cited, and index of genera.

12

On some curious habits of a species of *asilus*.

(Proc. Amer. Assoc. for the Advancement of Sci., 1850, [v. 2,] p. 195.)

Describes the manner in which *a. vertebratus* (Say) seizes its prey.

13

Synopsis of the species of *donacia* (Fabr.) inhabiting the United States.

(Proc. Acad. Nat. Sci. of Phil., 1851, v. 5, p. 310-316.)

Separate, [Phil., 1851. 7 p.] t 16.5 × 10.

14

Synopsis of the *lampyridæ* of temperate North America.

(Proc. Acad. Nat. Sci. of Phil., 1851, v. 5, p. 331-347.)

Separate, [Phil., 1851. 17 p.] t 16.5 × 10.

15

Descriptions of new species of coleoptera from California.

(Annals Lyc. Nat. Hist. N. Y., 1851-1852, v. p. 125-216.)

Separate, N. Y., 1851. p. 1-60, 185-216, 17 × 9.5.

A few species from Oregon, and, in the notes species from the southern and western states and territories are described. P. 125-132 was issued 1851, p. 132-216 in 1852.

16

Synopsis of the species of *pterosichus* Bon., an allied genera inhabiting temperate North America.

(Journ. Acad. Nat. Sci. of Phil., 1852, s. 2, v. p. 225-256.)

Describes genera and 97 species of *eranthus*, *pterosichus*, *tophoglossus*, *holciophorus*, *loxandrus* and *pocillus*; list of unknown species.

17

Hints toward a natural classification of the family *histrini* of coleopterous insects.

(Proc. Acad. Nat. Sci. of Phil., 1852, v. 6, 36-41.)

Germ. tr., (Entomologische Zeitung, . . . z Stettin, 1854, v. 15, p. 74-81.)

Tabular separation of the genera, division of the species of *hister* and *saprinus* into groups, describe *coccosternus*, n. g. [= *tribatus* Erich.].

18

Synopsis of the *parvidæ* of the United States.

(Proc. Acad. Nat. Sci. of Phil., 1852, v. 6, 41-45.)

Germ. tr., (Entomologische Zeitung, . . . z Stettin, 1854, v. 15, p. 145-148.)

19

Synopsis of the *eucnemidæ* of temperate North America.

(Proc. Acad. Nat. Sci. of Phil., 1852, v. 6, 45-49.)

Germ. tr., (Entomologische Zeitung, . . . z Stettin, 1854, v. 15, p. 163-168.)

20

Remarks on some coleopterous insects collected by S. W. Woodhouse, M. D., in Missouri Territory and New Mexico.

(Proc. Acad. Nat. Sci. of Phil., 1852, v. 6, 65-68.)

(Lotos, 1854, v. 4, p. 189-190.)—Hagen, *Bibl. entomologica*.

Describes 8 new species and mentions 7 others.

21

Synopsis of the *athicidæ* of the United States

(Proc. Acad. Nat. Sci. of Phil., 1852, v. 6, 91-104.)

Germ. tr., (Entomologische Zeitung, . . . z Stettin, 1854, v. 15, p. 214-217.)

LeConte, John Lawrence.

22

Remarks upon the *coccinellidae* of the United States.

(Proc. Acad. Nat. Sci. of Phil., 1852, v. 6, p. 129-145.)

Germ. tr., (Entomologische Zeitung, . . . zu Stettin, 1854, v. 15, p. 357-361; p. 393-396.)

Classification of the genera, description of new species. Includes *corylophi*.

23

Description of a new species of *trombidium*.

(Proc. Acad. Nat. Sci. of Phil., 1852, v. 6, p. 145.)

T. magnificum from Texas.

24

Synopsis of the *scydmacnidae* of the United States.

(Proc. Acad. Nat. Sci. of Phil., 1852, v. 6, p. 149-157.)

Germ. tr., (Entomologische Zeitung, . . . zu Stettin, 1855, v. 16, p. 17-20.)

(Lotos, 1854, v. 4, p. 126-130.)—Hagen, *Bibl. entomologica*.

Includes *brathinus* Lec.

25

Catalogue of the *melyrides* [*malachidae*] of the United States, with descriptions of new species.

(Proc. Acad. Nat. Sci. of Phil., 1852, v. 6, p. 163-171.)

26

On the geographical distribution of animals in California.

(Proc. Amer. Assoc. for the Advancement of Sci., 1852, [v. 6], p. 248-254.)

Considers California a peculiar zoological district belonging to the same continental system as do the other districts of America, and subdivided into several subdistricts; that the local distribution of a small number of species is the characteristic of the eastern Pacific region; and that the genera occurring in the district, not peculiar to it, are found on the Atlantic slope of both continents or are peculiar to America and also found in the tropics.

27

Descriptions of twenty new species of coleoptera inhabiting the United States.

(Proc. Acad. Nat. Sci. of Phil., 1853, v. 6, p. 226-235.)

28

Synopsis of the *silphales* of America, north of Mexico.

(Proc. Acad. Nat. Sci. of Phil., 1853, v. 6, p. 274-287.)

Appendix describing *psilopyga histriana*.

29

Synopsis of the species of the histeroid genus *abraeus* (Leach.) inhabiting the United States, with descriptions of two nearly allied new genera.

(Proc. Acad. Nat. Sci. of Phil., 1853, v. 6, p. 287-292.)

Describes the new genera, *acritus* and *bacanius*.

30

Synopsis of the *meloides* of the United States.

(Proc. Acad. Nat. Sci. of Phil., 1853, v. 6, p. 328-350.)

Includes *cephaloon* Newm.

31

Synopsis of the *atopidae*, *rhypiceridae* and *cyphodidae* of the United States.

(Proc. Acad. Nat. Sci. of Phil., 1853, v. 6, p. 350-357.)

32

Synopsis of the *endomychidae* of the United States.

(Proc. Acad. Nat. Sci. of Phil., 1853, v. 6, p. 357-360.)

33

Descriptions of some new coleoptera from Texas, chiefly collected by the Mexican Boundary Commission.

(Proc. Acad. Nat. Sci. of Phil., 1853, v. 6, p. 439-448.)

Describes 27 new species; descriptions of all the species of *ophryastes*.

34

Notes on the classification of the *carabidae* of the United States.

(Trans. Amer. Philos. Soc., 1853, n. s., [s. 2.] v. 10, p. 363-403.)

Divides the family into 3 subfamilies. *brachinini* (one group), *harpalini* (14 groups), *scaritini* (11 groups). Describes new species.

35

Revision of the *clateridae* of the United States.

(Trans. Amer. Philos. Soc., 1853, n. s., [s. 2.] v. 10, p. 405-508.)

36

Descriptions of some new coleoptera from Oregon, collected by Dr. J. G. Cooper of the North Pacific R. R. Expedition, under Gov. J. J. Stevens.

(Proc. Acad. Nat. Sci. of Phil., 1854, v. 7, p. 16-20.)

Describes 21 new species.

37

Synopsis of the *oedemeridae* of the United States.

(Proc. Acad. Nat. Sci. of Phil., 1854, v. 7, p. 20-22.)

38

Note on the genus *amblychila* Say.

(Proc. Acad. Nat. Sci. of Phil., 1854, v. 7, p. 32-33, pl. 1.)

Figures *a. cylindriciformis* and compares it with *a. piccolomini*, compares *omus* and *amblychila*.

39

Synopsis of the species of *platypus* and allied genera, inhabiting the United States.

(Proc. Acad. Nat. Sci. of Phil., 1854, v. 7, p. 35-59.)

Tabular separation of genera, describes 6 species of *calathus*, 4 *pristodactyla*, 1 *anchus* (new genus), 1 *rhadiæ* (new genus), 61 *platypus* and 2 *olisthopus*. List of unknown species.

LeConte, John Lawrence.

40

Synopsis of the *cuculidæ* of the United States.
(Proc. Acad. Nat. Sci. of Phil., 1854, v. 7, p. 73-79.)

41

Notice of some coleopterous insects, from the collections of the Mexican Boundary Commission.
(Proc. Acad. Nat. Sci. of Phil., 1854, v. 7, p. 79-85.)

Describes a new genus; 25 species and mentions 4 others.

42

Synopsis of the *dermestidæ* of the United States.
(Proc. Acad. Nat. Sci. of Phil., 1854, v. 7, p. 106-113.)

43

Synopsis of the *byrrhidæ* of the United States.
(Proc. Acad. Nat. Sci. of Phil., 1854, v. 7, p. 113-117.)

44

Synopsis of the *erolytidæ* of the United States.
(Proc. Acad. Nat. Sci. of Phil., 1854, v. 7, p. 158-163.)

45

Descriptions of the species of *Ilex* and *omorgus* inhabiting the United States.

(Proc. Acad. Nat. Sci. of Phil., 1854, v. 7, p. 211-216.)

46

Some corrections in the nomenclature of coleoptera found in the United States.

(Proc. Acad. Nat. Sci. of Phil., 1854, v. 7, p. 216-220.)

51 corrections; tabular separation of some genera of *cerambycidæ*.

47

Description of new coleoptera collected by Thos. H. Webb, M. D., in the years 1850-51 and 52, while secretary to the U. S. and Mexican Boundary Commission.

(Proc. Acad. Nat. Sci. of Phil., 1854, v. 7, p. 220-225.)

Describes 27 new species.

48

Synopsis of the *pyrochroides* of the United States.

(Proc. Acad. Nat. Sci. of Phil., 1855, v. 7, p. 270-277.)

Includes, in addition to the true *pyrochroidæ*, the genera *eurygenius*, *stereopalpus*, *macratia*, *pedilus* [= *orphyra*], *nematophus* and *xyophilus*, now regarded as *anthicidæ*.

49

Remarks on some misrepresentations contained in the "Catalogue des larves des coléoptères" by M. M. Chapuis and Candèze.

(Proc. Acad. Nat. Sci. of Phil., 1855, v. 7, p. 288-289.)

Substitution of Dr. T. W. Harris' name for that of J. E. DeKay.

50

Analytical table of the species of *hydroporus* found in the United States, with descriptions of new species.

(Proc. Acad. Nat. Sci. of Phil., 1855, v. 7, p. 290-299.)

51

Synopsis of the *lathridiids* of the United States and northern contiguous territories.

(Proc. Acad. Nat. Sci. of Phil., 1855, v. 7, p. 299-305.)

Includes *monotoma* Herbst.

52

Notes on the *amaræ* of the United States.

(Proc. Acad. Nat. Sci. of Phil., 1855, v. 7, p. 346-356.)

53

Synopsis of the *hydrophilidæ* of the United States.

(Proc. Acad. Nat. Sci. of Phil., 1855, v. 7, p. 356-375.)

54

Synopsis of the *melolonthidæ* of the United States.

(Journ. Acad. Nat. Sci. of Phil., 1856, s. 2, v. 3, p. 225-288.)

Describes the genera and species of *phobetus*, *polyphylla*, *thace*, *eugastera*, *endroxa*, *lachnosterna*, *gynnis*, *listrochelus*, *orsonyx*, *diplotaxis*, *atobus*, *serica*, *macrodictylus*, *dichelonychia*, *lasiopus*, *oncerus*, *hoplia* and *lichuanthe*.

55

Synopsis of the *mycetophagidæ* of the United States.

(Proc. Acad. Nat. Sci. of Phil., 1856, v. 8, p. 12-15.)

56

Synopsis of the *phaleridæ* of the United States.

(Proc. Acad. Nat. Sci. of Phil., 1856, v. 8, p. 15-17.)

57

Note on the genus *litholus* Schönherr.

(Proc. Acad. Nat. Sci. of Phil., 1856, v. 8, p. 18-19.)

Describes 7 (6 new) species of *lithodus*, = *heccesterus* Say, which were later considered varieties of one species.

58

Notice of three genera of *scarabacidæ* found in the United States.

(Proc. Acad. Nat. Sci. of Phil., 1856, v. 8, p. 19-25.)

Describes the genera and species of *ligyrus*, *aphonus*, *polymachus* and *pleocomia*.

59

Analytical table of the species of *chlaenius* found in the United States.

(Proc. Acad. Nat. Sci. of Phil., 1856, v. 8, p. 25-29.)

Includes *anomoglossus* Chaud.

LeConte, John Lawrence.

60

Catalogue of the species of *bembidium* found in the United States and contiguous northern regions.

(Proc. Acad. Nat. Sci. of Phil., 1857, p. 2-6.)

Describes 3 new species.

61

Index to the *buprestidae* of the United States, described in the work of Laporte and Gory, with notes.

(Proc. Acad. Nat. Sci. of Phil., 1857, p. 6-10.)

62

Synopsis of the species of *clivina* and allied genera inhabiting the United States.

(Proc. Acad. Nat. Sci. of Phil., 1857, p. 75-83.)

Synoptic tables of the species of *dyschirius*, *acrophorus* [= *dyschirius*], *ardistomis*, *aspidoglossa*, *clivina* and *schizogenius*; description of new species.

63

Report upon the insects collected on the survey.

(Reports of explorations and surveys . . . from the Mississippi river to the Pacific ocean. Wash., v. 12 [dated 1860], pt. 3, p. 1-72, pl. 1-2.)

Rev., (Bericht über die wissenschaftlichen Leistungen im Gebiete der Entomologie, . . . von Dr. C. E. A. Gerstaecker, Ber., 1859, p. 57-58.)

Remarks upon our knowledge of the coleoptera from the west coast of North America, material from which this report was made, distribution and list of species, description of genera and species; figures 35 species.

64

Revision of the *cicindelae* of the United States.

(Trans. Amer. Philos. Soc., 1857, n. s., [s. 2.] v. 11, p. 27-63, pl. 1.)

With t-p., [Phil., W. S. Young, 1856.] p. 27-63, pl. 1, t 21 × 15.5.

Divides the genus *cicindela* into 24 groups, describes the species, list of unknown species, index; figures the elytra of the species.

65

Catalogue of coleoptera of the regions adjacent to the boundary line between the United States and Mexico.

(Journ. Acad. Nat. Sci. of Phil., 1858, s. 2, v. 4, p. 9-42, pl. 4.)

Tables showing distribution of genera and species, list of genera common to the eastern and western continents, and of those peculiar to America, description of new species, tabular separation of some genera of *tenebrionidae* and *cerambycidae*, list of species with localities, and figures of 19 species.

66

Descriptions of new species of coleoptera, chiefly collected by the United States and Mexican Boundary Commission, under Major W. H. Emory, U. S. A.

(Proc. Acad. Nat. Sci. of Phil., 1858, p. 59-89.)

Describes 147 new species and 4 new genera, synoptic table of the species of *polycesta*.

67

Note on the species of *elodes* found within the United States.

(Proc. Acad. Nat. Sci. of Phil., 1858, p. 180-188.)

Tabular grouping of the species, descriptions of new species.

68

Instructions for collecting coleoptera.

(Annual rept. of the Board of Regents of the Smithsonian Institution . . . for 1858, Wash., 1859, p. 160-164.)

69

Catalogue of the coleoptera of Fort Tejon, California.

(Proc. Acad. Nat. Sci. of Phil., 1859, p. 69-90.)

Rev., (Berliner Entomologische Zeitschrift, . . . 1860, v. 4, p. 17-18.)

List of 147 species, description of new genera and species from Fort Tejon; supplement with a list of 41 and descriptions of 38 new species from the Pacific coast.

70

Additions to the coleopterous fauna of northern California and Oregon.

(Proc. Acad. Nat. Sci. of Phil., 1859, p. 281-292.)

Rev., (Berliner Entomologische Zeitschrift, . . . 1860, v. 4, p. 18.)

Description of 39 new species, list of species known from western America north of San Francisco.

71

Revision of the *buprestidae* of the United States.

(Trans. Amer. Philos. Soc., 1859, n. s., [s. 2.] v. 11, p. 187-258, pl. 11.)

Rev., (Berliner Entomologische Zeitschrift, . . . 1860, v. 4, p. 19.)

Describes the genera and species, figures 8 species.

72

The coleoptera of Kansas and eastern New Mexico.

(Smithsonian contributions to knowledge, 1859, v. 11, p. 6 + 1-53, pl. 1-2, 1 map.)

Separate, N. Y., D. Appleton & Co., Feb., 1860, p. 6 + 1-58, 2 pl., 1 map, t 22 × 14.5.

Rev., (Berliner Entomologische Zeitschrift, . . . 1860, v. 4, p. 19-20.)

Division of the United States into zoological districts, geographical distribution, notes and descriptions of species, synoptic table of the United States species of *canthon*, tabular separation of the United States genera of *mordellidae*, list of species of coleoptera from Kansas and Nebraska, list of those from eastern New Mexico, figures of 33 species.

73

Notes on coleoptera found at Fort Simpson, Mackenzie river, with remarks on northern species.

(Proc. Acad. Nat. Sci. of Phil., 1860, p. 315-321.)

List and description of new species from Fort Simpson, notes on Russian American species, synoptic table of North American species of *calathus*, notes and descriptions of other northern species, synoptic table of the species of *trirana*.

LeConte, John Lawrence.

74

Synopsis of the *scaphidiidae* of the United States.

(Proc. Acad. Nat. Sci. of Phil., 1860, p. 321-324.)

75

Description of some genera and species of coleoptera from the vicinity of the southern boundary of the United States of America.

(Arcana naturae, on archives d'histoire naturelle, James Thomson, Paris, Ballière, 1859, v. 3, p. 121-128, pl. 12-13.)

Description of 1 new genus; 20 species are described and figured.

76

Notes on the coleopterous fauna of Lower California.

(Proc. Acad. Nat. Sci. of Phil., 1861, p. 335-338.)

Relations between the fauna of Lower California and that of California, Arizona, Mexico and Texas; descriptions of new species.

77

New species of coleoptera inhabiting the Pacific district of the United States.

(Proc. Acad. Nat. Sci. of Phil., 1861, p. 338-359.)

Describes 96 new species from the western United States, and 3 from the Atlantic district; notes on a few previously described.

78

Classification of the coleoptera of North America. Prepared for the Smithsonian Institution. Part 1.

(Smithsonian misc. col., 1862, v. 3, p. 25+1-286.)

With t.-p. cover and t.-p., Wash., Smiths. Inst., May, 1861-March, 1862, p. 25+286, t 17 × 9.3.)

Rev., (Berliner Entomologische Zeitschrift, . . . 1862, v. 6, p. 25.)

Divisions of the articulatæ, external anatomy of the coleoptera (illustrated), tabular separation and descriptions of the families, sub-families, tribes and genera of the [1.] *cicindelidae*-[62] *strophopidae*; brief notes on the habits of the genera.

P. 1-208 were issued in May, 1861; the remainder the next March.

For continuation see no. 118.

79

Note on the classification of the *cerambycidae*, with descriptions of new species.

(Proc. Acad. Nat. Sci. of Phil., 1862, p. 33-43.)

Division of the *lanitidae* and *cerambycidae* into tribes, descriptions of new genera and species.

80

Synopsis of the *mordellidae* of the United States.

(Proc. Acad. Nat. Sci. of Phil., 1862, p. 43-51.)

81

Notes on the species of *calosoma* inhabiting the United States.

(Proc. Acad. Nat. Sci. of Phil., 1862, p. 52-53.)

Division into groups, descriptions of new species, notes and tabular separation of some of the species.

82

Synopsis of the species of *colymbetes* inhabiting America, north of Mexico.

(Proc. Acad. Nat. Sci. of Phil., 1862, p. 521-523.)

83

Note on the species of *brachinus* inhabiting the United States.

(Proc. Acad. Nat. Sci. of Phil., 1862, p. 523-525.)

Synoptic table.

84

List of the coleoptera of North America. Prepared for the Smithsonian Institution. Part 1.

(Smithsonian misc. col., 1867, v. 6, p. 1-78.)

With t.-p. cover and t.-p., Wash., Smiths. Inst., March, 1863-April, 1866, 78 p., t 17.2 × 10.

Rev., (Zool. rec. for 1866, 1867, v. 3, p. 276.)

Synonymical list of families *cicindelidae*-*pythidae*; the same as those treated of in his "Classification of the coleoptera of North America," though a different succession is adopted.

P. 1-49 were issued in March, 1863; p. 50-78 in April, 1866.

85

New species of North American coleoptera. Prepared for the Smithsonian Institution. Part 1.

(Smithsonian misc. col., 1867, v. 6, p. 1-177.)

With t.-p. cover and t.-p., Wash., Smiths. Inst., March, 1862-April, 1866, 177 p., t 17 × 9.3.

Rev., (Zool. rec. for 1866, 1867, v. 3, p. 276, 353-356, 357.)

Describes 13 new genera, 439 North American species, and 1 from the Bahamas; synoptic tables of the North American species of several genera and of the genera of a few groups.

P. 1-85 was issued in March 1863, p. 87-168 in April 1865.

For continuation see no. 117.

86

[Note on *strepsiptera*.]

(Proc. Acad. Nat. Sci. of Phil., 1864, p. 49-50.)

Rev., (Zool. rec. for 1866, 1867, v. 3, p. 359.)

Reply to questions of Gerstaecker.

87

Note on the species of *mygodites*, Latr. inhabiting the United States.

(Proc. Acad. Nat. Sci. of Phil., 1865, p. 96-98.)

Synoptic table and descriptions of the species.

88

Notes on the species of *harpalus* inhabiting America, north of Mexico.

(Proc. Acad. Nat. Sci. of Phil., 1865, p. 98-104.)

Rev., (Zool. rec. for 1866, 1867, v. 3, p. 301.)

Synopsis, descriptions of new species, notes.

89

On the species of *galeruca* and allied genera inhabiting North America.

(Proc. Acad. Nat. Sci. of Phil., 1865, p. 204-222.)

Rev., (Zool. rec. for 1866, 1867, v. 3, p. 403-404.)

Synoptic tables of the genera and species of *ceratoma*, *malacosoma*, *phylobrotica*, *phyllis*, *thris*, *laperus*, *agelastica*, *gastrogyna*, *eucolomera*, *diabrotica*, *galeruca*, *trirhabda* and *monoxia*; descriptions of new genera and species.

LeConte, John Lawrence.

90

Prodromus of a monograph of the species of the tribe *anobitini*, of the family *ptinidae*, inhabiting North America.

(Proc. Acad. Nat. Sci. of Phil., 1865, p. 222-241.)

Rev., (Zool. rec. for 1866, 1867, v. 3, p. 342-343.)

Synoptic tables with descriptions of the genera and species.

91

[Remarks on the subfamily *clavigeridae*.]

(Proc. Acad. Nat. Sci. of Phil., 1866, p. 108-109.)

Rev., (Zool. rec. for 1866, 1867, v. 3, p. 318.)

Description of *articerus*, a new genus; tabular separation of the genera and their distribution, list of Fustiger's species and notes on the observations of Westwood and Sauley.

92

List of coleoptera collected in the mountains of Lyeomg county, Pa.

(Proc. Acad. Nat. Sci. of Phil., 1866, p. 346-348.)

List of 151 species.

93

List of coleoptera collected near Fort Whipple, Arizona, by Dr. Elliott Coues, U. S. A., in 1864-65.

(Proc. Acad. Nat. Sci. of Phil., 1866, p. 348-349.)

List of 88 species. In the Proc. Acad. Nat. Sci. of Phil., 1873, p. 190, Dr. LeConte states that most of the species in this list were collected by Dr. E. Palmer.

94

Revision of the *dasytini* of the United States.

(Proc. Acad. Nat. Sci. of Phil., 1866, p. 349-361.)

Rev., (Zool. rec. for 1866, 1867, v. 3, p. 340.)

Tabular separation and description of genera and species.

95

Additions to the coleopterous fauna of the United States. No. 1.

(Proc. Acad. Nat. Sci. of Phil., 1866, p. 361-394.)

Rev., (Zool. rec. for 1866, 1867, v. 3, p. 319.)

Descriptions of new genera and species, notes on those previously described, and synoptic table of the species of *falagrina*.

96

On the systematic value of rhynchophorous coleoptera: an abstract of a memoir read before the National Academy of Sciences at Washington, Jan. 24, 1867.

(Amer. Journ. Sci. and Art, 1867, s. 2, v. 44, p. 41-43.)

(Annals and Mag. Nat. Hist., 1867, s. 3, v. 20, p. 291-294.)

Remarks upon their inferiority; figures the prosternum of *pasimachus*, *tachnosterna*, *cucujus*, *telephorus*, a brentid, a calandrid, *cryptorhynchus*, *balaninus*, *ophryastes*, *thecesternus* and *dendroctonus*.

97

Analytical table of the species of *baridius* inhabiting the United States.

(Proc. Acad. Nat. Sci. of Phil., 1863, p. 361-365.)

Bibliography. list of unknown species.

98

The *gyrinidae* of America, north of Mexico.

(Proc. Acad. Nat. Sci. of Phil., 1868, p. 365-373.)

Synoptic tables of the genera and species, descriptions, remarks and bibliography.

99

Notes on the species of *agonoderus*, *bradycellus* and *stenolophus* inhabiting America, north of Mexico.

(Proc. Acad. Nat. Sci. of Phil., 1868, p. 373-382.)

Synoptic tables, bibliography and remarks.

100

New coleoptera collected on the survey for the extension of the Union Pacific Railway, E. D. from Kansas to Fort Craig, New Mexico.

(Trans. Amer. Entomological Soc., 1868, v. 2, p. 49-59.)

Rev., (Rec. Amer. entomology for 1868, ed. by A. S. Packard, jr., Salem, Mass., 1869, p. 28-29.)

Description of 1 new genus, 29 new species including 1 from New York and 1 from Texas; synoptic table of the species of *ochodactes* and separation of the genus *diabrotica* into groups.

101

Coleoptera of the U. S. Coast Survey expedition to Alaska, under charge of Mr. George Davidson.

(Trans. Amer. Entomological Soc., 1868, v. 2, p. 59-64.)

Rev., (Rec. Amer. entomology for 1863, ed. by A. S. Packard, jr., Salem, Mass., 1869, p. 29.)

Synoptic table of the species of *cyclus* from the Pacific region, remarks and synonyms; description of 1 new genus and 7 new species.

102

Synopsis of the *scolytidae* of America, north of Mexico, by C. Zimmermann, M. D., with notes and an appendix by J. L. LeConte, M. D.

(Trans. Amer. Entomological Soc., 1868, v. 2, p. 141-178.)

With t.-p. cover, Phil., Sept., 1863, p. 141-178, t 17.5 x 9.7.

Rev., (Rec. Amer. entomology for 1868, ed. by A. S. Packard, jr., Salem, Mass., 1869, p. 30-31.)

Rev., (Zool. rec. for 1863, 1869, v. 5, p. 269-271.)

Synoptic tables and descriptions of genera and species.

103

Salt-water insects.

(Amer. naturalist, 1863, v. 2, p. 329-330.)

Remarks on the larva of *micralymma stimpsonii* and on two species of *thinopus*.

104

Monograph of the *trichopterygidae*.

(Amer. naturalist, 1863, v. 3, p. 213-214.)

Request for subscriptions to Rev. A. Matthews' monograph.

LeConte, John Lawrence.

105

On the preservation of entomological cabinets.
(Amer. naturalist, 1869, v. 3, p. 307-309.)
(Amer. entomologist, 1869, v. 2, p. 9.)
Various unsuccessful and one satisfactory mode.

106

American entomology. A description of the insects of North America by Thomas Say, with illustrations drawn and colored after nature. Edited by John L. LeConte, M. D. With a memoir of the author, by George Ord. N. Y., J. W. Bouton, 1869. 2 v., 24 + 412; 5 + 814 p. 54 pl. t 17 × 9.

With new t.-p., Bost., Estes & Lauriat, [n. d.] 2 v., 24 + 412; 5 + 814 p. 54 pl. t 17 × 9.

The complete entomological writings of Thomas Say, with notes by LeConte, C. R. Osten Sacken, and P. R. Uhler.

107

Synonymical notes on coleoptera of the United States, with descriptions of new species, from the mss. of the late Dr. C. Zimmermann. Edited by John L. LeConte, M. D.

(Trans. Amer. Entomological Soc., 1869, v. 2, p. 243-250.)

Rev., (Rec. Amer. entomology for 1869, ed. by A. S. Packard, jr., Salem, Mass., 1870, p. 39, 41, 42, 43.)

Rev., (Zool. rec. for 1869, 1870, v. 6, p. 203, 214, 230-231.)

Descriptions of new species, arrangement of the species into groups, corrections of synonymy, etc., of the *carabidae*, *hydrophilidae* and *rhypophaga*.

108

List of coleoptera collected in Vancouver's Island by Henry and Joseph Matthews, with descriptions of some new species.

(Annals and mag. nat. hist., 1869, s. 4, v. 4, p. 369-385.)

Rev., (Rec. Amer. entomology for 1870, ed. by A. S. Packard, jr., Salem, Mass., 1871, p. 15, 16, 17, 19.)

List of 183 species, describes 15 new species with notes and descriptions of several previously described.

109

Coleoptera.

(Rec. Amer. entomology for 1863, ed. by A. S. Packard, jr., Salem, Mass., 1864, p. 25-32.)

110

Synonymical notes on North American coleoptera.

(Annals and mag. nat. hist., 1870, s. 4, v. 6, p. 394-404.)

Separate, [n. p., n. d.] 10 p., t 17.5 × 9.5.

Rev., (Rec. Amer. entomology for 1871, ed. by A. S. Packard, jr.,—Fourth annual rep. Peabody Acad. Sci.—Salem, Mass., 1872, p. 127-129.)

Synonyms established from the study of the types of Kirby, of Newman, of Walker and of Parisian collections.

111

Parasite of the beaver.

(Nature, 1872, v. 6, p. 162.)

Note on *platypusylla castoris*.

112

On *platypusyllidae*, a new family of coleopter. (Proc. Zool. Soc. Lond., 1872, p. 799-804, p 63.)

Extra with old and new paging, [n. t.-p.] 6 p.

Extract, (Petites nouvelles entomologique 1873, no. 82, p. 328-330.)

Extract, (Amer. naturalist, 1874, v. 8, p. 427 428, fig. 82.)

Description, remarks on affinities, figured in detail.

113

Friedrich Ernst Melsheimer, M. D.

(Proc. Acad. Nat. Sci. of Phil., 1873, p. 257-258.)

(Canadian entomologist, 1874, v. 6, p. 39-40.)

Announcement of the death of Dr. Melsheimer with sketch of his life and entomological writings

114

[*Lathridius* found in a fungoid disease of a mouse.]

(Proc. Acad. Nat. Sci. of Phil., 1873, p. 261.)

115

The *pterostichi* of the United States.

(Proc. Acad. Nat. Sci. of Phil., 1873, p. 302-320.)

Rev., (Rec. Amer. entomology for 1873, ed. by A. S. Packard, jr.,—Sixth annual rep. Peabody Acad. Sci.—Salem, Mass., 1874, p. 92-93.)

Rev., (Zool. rec. for 1873, 1875, v. 10, p. 240.)

Synoptic tables and descriptions of new species of *pterostichus*, *lophoglossus* and *ecarthrus*.

116

Synonymical remarks upon North American coleoptera.

(Proc. Acad. Nat. Sci. of Phil., 1873, p. 321-336.)

Additions and corrections resulting from the study of collections in London and Paris.

117

New species of North American coleoptera. Prepared for the Smithsonian Institution. Part 2.

(Smithsonian misc. col., 1874, v. 11, p. 169-240.)

With t.-p. and t.-p. cover, Wash., Smiths. Inst., May-June, 1873, p. 169-240, t 17 × 9.3.

Rev., (Rec. Amer. entomology for 1873, ed. by A. S. Packard, jr.,—Sixth annual rep. Peabody Acad. Sci.—Salem, Mass., p. 95-96.)

Rev., (Zool. rec. for 1873, 1875, v. 10, p. 325, 326, 327, 328, 329, 330, 331.)

Describes 20 new genera, 91 North American species and 1 from San Domingo and Cuba; synoptic tables of the species of many genera of *cerambycidae*. Two species are mentioned in the tables as new, but are not described.

For pt. 1 see no. 85.

LeConte, John Lawrence.

118

Classification of the coleoptera of North America. Prepared for the Smithsonian Institution. Part 2.

(Smithsonian misc. col., 1873, v. 11, p. 279-348.)

With t.-p. cover and t.-p., Wash., Smiths. Inst., May-June, 1873, p. 279-348, t 17 × 9.3.

Descriptions of the sub-families, tribes and genera of the *spondyliidae* and *cerambycidae*; brief notes on the habits of the genera.

For pt. 1 see no. 78.

119

Hints for the promotion of economic entomology in the United States.

(Amer. naturalist, 1873, v. 7, p. 710-722.)

(Proc. Amer. Assoc. for the Advancement of Sci., 1874, [v. 22,] p. 10-22.)

Brief extract, (Scientific Amer., 1874, v. 30, p. 82.)

Past history of North American entomology with remarks on the writings of North American entomologists; suggestions for suppressing injurious insects.

120

Catalogue of the coleoptera of Mt. Washington, N. H., by E. P. Austin; with descriptions of new species. Appendix.

(Proc. Bost. Soc. Nat. Hist., 1874, v. 16, p. 265-276.)

Describes 2 new genera, 11 (9 new) species including 1 from Oregon and 1 from Vancouver's Island; synoptic table of North American species of *cephaloon*.

121

Notes on the species of *pasimachus*.

(Bull. Buffalo Soc. Nat. Sci., 1874, v. 1, p. 266-273.)

Description of 1 new species, synopsis of 11 United States species.

122

Descriptions of new coleoptera chiefly from the Pacific slope of North America.

(Trans. Amer. Entomological Soc., 1874, v. 5, p. 43-72.)

Rev., (Psyche, 1875, [1876,] v. 1, p. 126.)

Describes 11 new genera and 69 new species, re-describes a few, and gives synoptic table of the species of *silis*.

123

Note on the genus *pleocomma*, Lec.

(Trans. Amer. Entomological Soc., 1874, v. 5, p. 81-84.)

Rev., (Zool. rec. for 1874, 1876, v. 11, p. 282-283.)

Describes 4 species, remarks on inadmissible names, figures the antennae.

124

On the *eupesidae* of North America.

(Trans. Amer. Entomological Soc., 1874, v. 5, p. 87-88.)

Describes 1 new genus and 1 new species, synoptic table of the species of *eupes*.

125

On some changes in the nomenclature of North American coleoptera, which have been recently proposed.

(Canadian entomologist, 1874, v. 6, p. 186-196.)

Criticism of some changes proposed in Geo. R. Crotch's Check list, tables of synonyms and homonyms of 52 of Geoffroy's genera.

126

On entomological nomenclature. Part 1. On the law of priority.

(Canadian entomologist, 1874, v. 6, p. 201-206.)

Rules upon which nomenclature is supposed to be based with remarks upon them.

127

On entomological nomenclature. Part 2. On generic types.

(Canadian entomologist, 1874, v. 6, p. 223-226.)

Erroneous interpretations of generic types, invalid names, exceptions to the rule of priority, suggestions for the solution of disputed questions.

128

The classification of the rhynchophorous coleoptera.

(Amer. naturalist, 1874, v. 8, p. 385-396, 452-470.)

With t.-p. cover, p. 345-396, 452-470, t 17 × 9.7.

Extract, (Scientific Amer., 1874, v. 30, p. 293.)

Rev., (Zool. rec. for 1874, 1876, v. 11, p. 305-307.)

Previous classifications with definitions of the one adopted, remarks on the families and groups.

129

An instance of replacement of injurious insects by human agency. Abstract.

(Proc. Amer. Assoc. for the Advancement of Sci., 1875, [v. 23,] p. 44.)

(N. Y. tribune extra, [pam. ed.,] 1875, no. 21, p. 76.)

Rev., (Scientific Amer., 1874, v. 31, p. 152.)

(Hartford [Conn.] daily courant, 1875, v. 38, no. 197.)

Orgyia leucostigma replacing *eunomos subsignaria*; remedies.

130

Notes on *cicindelidae* of the United States.

(Trans. Amer. Entomological Soc., 1875, v. 5, p. 157-162.)

(Notes and descriptions of North Amer. coleoptera, by J. L. LeConte, p. 157-162.)

Rev., (Psyche, 1877, v. 2, p. 48.)

Descriptions of 7 new species with remarks and wood cut illustrations of the elytra of several others.

131

Notes on the *rhysodidae* of the United States.

(Trans. Amer. Entomological Soc., 1875, v. 5, p. 162-168.)

(Notes and descriptions of North Amer. coleoptera, by J. L. LeConte, p. 162-168.)

Rev., (Psyche, 1877, v. 2, p. 48.)

Rev., (Zool. rec. for 1875, 1877, v. 12, p. 309-310.)

Describes the genera and species with remarks on the affinities of the family; figures the tibiae.

LeConte, John Lawrence.

132

Descriptions of new coleoptera of the United States, with notes on geographical distribution.

(Trans. Amer. Entomological Soc., 1875, v. 5, p. 169-176.)

(Notes and descriptions of North Amer. coleoptera, by J. L. LeConte, p. 169-176.)

Extract, (Proc. Davenport [Iowa] Acad. Nat. Sci., 1876, v. 1, p. 268.)

Rev., (Psyche, 1877, v. 2, p. 48.)

Descriptions of 1 new genus and 24 new species.

133

Notes and descriptions of North American coleoptera. [Phil. 1875.] p. 157-176, t 17.2 × 9.7.

A reprint, with t-p. cover, of LeConte's "Notes on coccinellidae of the U. S." "Notes on the rhysodidae of the U. S." and "Descriptions of new coleoptera of the U. S., with notes on geographical distribution."

134

An additional character for the definition of rhynchophorous coleoptera.

(Amer. naturalist, 1875, v. 9, p. 112-113.)

Rev., (Zool. rec. for 1875, 1877, v. 12, p. 348.)

Occurrence of a distinct median suture on the under surface of the head, corresponding with the gular suture of other coleoptera.

135

Address of the retiring President of the [Amer.] Association [for the Advancement of Science].

(Amer. naturalist, 1875, v. 9, p. 481-498.)

(Proc. Amer. Assoc. for the Advancement of Sci., 1876, [v. 24,] p. 1-18.)

With t-p. cover, entitled, Address of ex-president Dr. J. L. LeConte before the American Association for the Advancement of Science, . . . Salem, Mass., 1875, p. 1-18, 16.9 × 9.6.

Remarks on the geographical distribution of coleoptera and its relation to palaeontology; definition of species, etc.

136

Methods of subduing insects injurious to agriculture.

(Canadian entomologist, 1875, v. 7, p. 167-172.)

(Annual rep. Entomological Soc. Ontario, for 1875, London, Ont., 1876, p. 17-20.)

(Proc. Amer. Assoc. for the Advancement of Sci., 1876, [v. 24,] p. 202-207.)

Measures recommended to the national government; materials, weapons and mode of attack.

137

[Address as President of the Entomological Club of the Amer. Assoc. Adv. Science.]

(Canadian entomologist, 1876, v. 8, p. 176-178.)

(Annual rep. Entomological Soc. Ontario, for 1876, London, Ont., 1877, p. 12-14.)

(Buffalo [N. Y.] daily courier, 23 Aug., 1876.)

(Buffalo [N. Y.] evening republic, 23, Aug., 1876.)

Brief notice of work accomplished during the year, criticism of the action of Congress concerning the memorial for the appointment of a committee for the protection of agriculture against noxious insects.

138

On the affinities of *hypocephalus*.

(Trans. Amer. Entomological Soc., 1876, v. 5, p. 209-218.)

Rev., (Psyche, 1877, [1878,] v. 2, p. 54.)

Description of the family and generic characters; bibliography of the genus.

139

Destructive coleoptera.

(Proc. Acad. Nat. Sci. of Phil., 1876, p. 195.)

Rev., (Psyche, 1877, [1878,] v. 2, p. 61.)

Remarks on the occurrence of *anthrenus scrophulariae* at Albany, N. Y., and vicinity.

140

Report on insects introduced by means of the International Exhibition. [With cooperation of George H. Horn and Joseph Leidy.]

(Proc. Acad. Nat. Sci. of Phil., 1876, p. 267-271.)

(Annual rep. Entomological Soc. Ontario, for 1876, London, Ont., 1877, p. 20-23.)

Separate, [n. d.] 6 p., t 16.7 × 9.7.

Rev., (Psyche, 1877, [1878,] v. 2, p. 62.)

No evil results need be apprehended; list of the species of coleoptera, lepidoptera and hymenoptera observed.

141

New species of coleoptera collected by the expeditions for geographical surveys west of the one hundredth meridian in charge of Lieut. Geo. M. Wheeler, U. S. Engineers.

(Annual rep. Chief of Engineers to the Secretary of War for 1876, part 3, Wash., Gov't printing office, 1876, p. 516-520.)

(Annual rep. geog. surv. west of the 100th meridian in Cal., Nev., Utah, Col., Wyo., N. Mex., Ariz. and Mont., by Geo. M. Wheeler, . . . being appendix JJ of the Annual rep. Chief of Engineers for 1876, Wash., Gov't printing office, 1876, p. 296-300.)

With t-p. cover and t-p., entitled, Report upon new species of coleoptera collected by the expedition for geographical surveys west of the 100th meridian, Lieut. Geo. M. Wheeler, . . . in charge, . . . being extract from appendix JJ of the Annual report of the Chief of Engineers for 1876, Wash., 1876, p. 516-520, t 19.5 × 11.2.

Descriptions of 11 new species with remarks on 1 other; list of species collected in California and coleoptera of southern Colorado and northern New Mexico collected in 1875.

142

The rhynchophora of America north of Mexico.

(Proc. Amer. Philos. Soc., 1876, v. 15, p. 16+1-455.)

Rev., (Zool. rec. for 1876, 1877, v. 13, Ins., p. 75-76, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104.)

Descriptions of families, sub-families, genera and species. The *ottorhynchidae*, p. 13-112, and the economic bibliography, p. 128-145, were contributed by G. H. Horn and B. P. Mann respectively.

LeConte, John Lawrence.

143

On Rocky Mountain locusts [*caloptenus spretus*].

(Proc. Acad. Nat. Sci. of Phil., 1877, p. 129-131.)

Plans devised for its suppression.

144

On certain genera of *staphylinidae*, *oryctelini*, *piestidae* and *micropeplidae* as represented in the fauna of the United States.

(Trans. Amer. Entomological Soc., 1877, v. 6, p. 213-252.)

Importance of sexual characters; synoptic tables of the species of *oxygonus*, *bledius*, *oryctes*, *thinobius*, *ancyrophorus*, *apocellus*, *stagonium*, *uncoeus*, *lispinus* and *micropeplus*; describes the species of *osorius*, *holotrochus*, *phloeonotus* and *trogophloeus*; descriptions of 49 new species.

145

Tabular synopsis of the rhynchophora of America.

(Proc. Amer. Philos. Soc., 1877, v. 16, p. 417-424.)

Tabular statement of the number of genera and species and of the geographical distribution of the families and sub-families, with remarks.

146

The coleoptera of the alpine regions of the Rocky Mountains.

(Bull. U. S. geol. geog. surv. territories, Wash., 1878, v. 4, p. 447-480.)

Author's ed., with t.p. cover, Wash., May 3, 1878, p. 447-480, t 19.2 × 11.2.

Remarks on geographical distribution, descriptions of 37 new species and notes on a few others. synoptic table of a few species of *platynus*, list of species collected by F. C. Bowditch in the Rocky Mountains at an elevation of 6,000 feet and upwards, list of species peculiar to the mountain region and of those collected at Atlanta, Idaho (7,800 feet); the North American species of *nebria*, with analytical tables showing the resemblances among the species.

147

The coleoptera of Florida. By E. A. Schwarz.

[With] Additional descriptions of new species.

[and] Remarks on geographical distribution. By John L. LeConte, M. D.

(Proc. Amer. Philos. Soc., 1878, v. 17, p. 353-472.)

Describes 5 new genera and 144 new species, notes on others previously described, synoptic tables of the species of *locandrus*, *ochthebius*, *frimium*, *ancyrophorus*, *cryptobium*, *paederus*, *palaminus*, *catoratus*, *canocara*, *chaetocnema*, *hypophloeus*, *strongylium* and *xylophilus*; figures the elytra of some species of *mordella*, notes and list of extra-limital species.

148

The coleoptera of Michigan. By H. G. Hubbard and E. A. Schwarz. [With] Descriptions of new species. By John L. LeConte, M. D.

(Proc. Amer. Philos. Soc. 1878, v. 17, p. 593-669.)

Describes 3 new genera and 70 new species, some of which and the synoptic tables of the *mycetophagidae* and of the genus *orchestes* were prepared by Dr. G. H. Horn; synoptic tables of the species of *agathia*, *myctochaetes* and *hullomius*. Some of the species are from other parts of North America.

149

Stridulation of coleoptera.

(Psyche, 1878, v. 2, p. 126.)

Stridulation of *passalus cornutus* and *prionus brevicornis*.

ADDENDA.

13½

Zoological notes.

(Proc. Acad. Nat. Sci. of Phil., 1851, v. 5, p. 316-320.)

Notes on the coleopterous fauna of Panama.

20½

Catalogue of the described coleoptera of the United States. By Friedrich Ernst Melsheimer, M. D. Revised by S. S. Haldeman and J. L. LeConte, . . . Wash., Smithsonian Institution, July, 1853. p. 16 + 174. t 15.7 × 9.3.

Preface by Melsheimer with note by Haldeman and LeConte, list of authorities, errata, bibliographical catalog, index.

72½

Amerikanische Zeitschriften.

(Berliner Entomologische Zeitschrift, . . . 1859, v. 3, p. 40-41; 1860, v. 4, p. 16-20; 1862, v. 6, p. 16-20.)

Partial annual bibliographies of American entomology.

ERRATA.

Page 2, no. 17, last line, for *cocrosternus* read *eucrosternus*.

Page 3, no. 38, last line, for *piccolomini* read *piccolomini*.

Page 4, no. 55, first line, for *mycetophagidae* read *mycetophagidae*.

Page 4, no. 58, last line, for *polymachus* read *polymochus*.

Page 6, no. 89, sixth line, for *phyllecthris* read *phyllechthrus*.

Page 7, no. 91, last line but one, for "list of Fustiger's species" read list of the species of *fustiger*.

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