

The Entomological Writings of George Henry Horn.

(1860-1896.)

WITH AN INDEX TO THE GENERA AND SPECIES OF
COLEOPTERA DESCRIBED AND NAMED.

BY SAMUEL HENSHAW.

While care has been taken to make this record complete and accurate mention of any omissions and errors that may be noticed will be welcomed.

In the list of published writings the chronologic order has been followed.

The systematic index to the genera and species of Coleoptera is arranged according to the plan followed when dealing with the Coleoptera of John L. and J. E. LeConte (Trans. Amer. Ent. Soc., 1881-82, vol. ix, p. 197-272). The first number following the name refers to the accompanying list of published writings, and the second to the page of the publication cited. Original generic names when different from those used here follow in brackets.

The types are, for the most part, in the Horn collection, now one of the valued possessions of the American Entomological Society.

Species marked with an * are fossil.

The alphabetical index refers to the list of published writings and used in combination with the systematic index affords ready access to the subjects discussed in Dr. Horn's entomological writings.

1. CHRONOLOGICAL LIST OF PUBLISHED WRITINGS.

1. Descriptions of new North American Coleoptera, in the cabinet of the Entomological Society of Philadelphia.
Proc. Acad. Nat. Sci. Phila., December, 1860, p. 569-571, pl. 8.
2. Notes on the habits of some coleopterous larvæ and pupæ.
Proc. Ent. Soc. Phila., July, 1861, vol. i, p. 28-30.
3. Observations on the habits of some coleopterous larvæ and pupæ.
Proc. Ent. Soc. Phila., September, 1861, vol. i, p. 43-44.
4. Monograph of the species of *Trogosita* inhabiting the United States.
Proc. Acad. Nat. Sci. Phila., February, 1862, p. 82-88.

5. Description of some new North American Coleoptera.
Proc. Ent. Soc. Phila., April, 1862, vol. i, p. 187-188.
6. Description of some new Cicindelidæ from the Pacific coast of the United States.
Proc. Acad. Nat. Sci. Phila., December, 1866, p. 394-397.
7. Descriptions of some new genera and species of Central American Coleoptera.
Proc. Acad. Nat. Sci. Phila., December, 1866, p. 397-401.
8. Notes on the habits of a few California Coleoptera.
Proc. Ent. Soc. Phila., January, 1867, vol. vi, p. 289-293.
9. On *Usechus lacerta* Motsch.
Proc. Ent. Soc. Phila., January, 1867, vol. vi, p. 293-294.
10. On *Rhagodera tuberculata*, Mann.
Proc. Ent. Soc. Phila., January, 1867, vol. vi, p. 294-296.
11. Some observations on *Phodaga alticeps*, Lec.
Proc. Ent. Soc. Phila., January, 1867, vol. vi, p. 296.
12. Description of a new *Pseudomorpha* from California, with notes on the Pseudomorphidæ.
Trans. Amer. Ent. Soc., June-July, 1867, vol. i, p. 151-154, pl. 3 in part.
13. On *Amphizoa insolens*, Lec.
Trans. Amer. Ent. Soc., July, 1867, vol. i, p. 154-158.
14. Notes on the *Zopheri* of the United States.
Trans. Amer. Ent. Soc., July, 1867, vol. i, p. 159-162.
15. Descriptions of new genera and species of western Scarabæidæ, with notes on others already known.
Trans. Amer. Ent. Soc., July, 1867, vol. i, p. 163-170, pl. 3 in part.
16. *Geotrupes* of Boreal America.
Trans. Amer. Ent. Soc., January, 1868, vol. i, p. 313-322.
(Cf., op. cit., p. 18, Proc.)
17. [The United States species of *Cicindela*.]
Trans. Amer. Ent. Soc., February, 1868, vol. i, p. 2-3, Proc.
18. [Note concerning *Dysmathes sahlbergi* Mannh.]
Trans. Amer. Ent. Soc., February, 1868, vol. i, p. 18, Proc.
19. Catalogue of Coleoptera from south-western Virginia.
Trans. Amer. Ent. Soc., August, 1868, vol. ii, p. 123-128.
20. New species of Coleoptera from the Pacific district of the United States.
Trans. Amer. Ent. Soc., August, 1868, vol. ii, p. 129-140.
21. [Characters of *Cossyphus*.]
Trans. Amer. Ent. Soc., December, 1869, vol. ii, p. 10, Proc.
- 21a. [*Cantharis*, *Acanthia* and other Hemiptera.]
Outlines of comparative anatomy and medical zoology. By Harrison Allen. Philadelphia, 1869, p. 147-153; 156-157.
22. Synopsis of the Parnidæ of the United States.
Trans. Amer. Ent. Soc., January-February, 1870, vol. iii, p. 29-42.
23. Notes on some genera of coprophagous Scarabæidæ of the United States.
Trans. Amer. Ent. Soc., February-March, 1870, vol. iii, p. 42-51.
24. Contributions to the coleopterology of the United States.
Trans. Amer. Ent. Soc., June, 1870, vol. iii, p. 69-97.
25. Descriptive catalogue of the species of *Nebria* and *Pelophila* of the United States.
Trans. Amer. Ent. Soc., June-September, 1870, vol. iii, p. 97-105.

26. On the species of *Oodes* and allied genera of the United States.
Trans. Amer. Ent. Soc., September, 1870, vol. iii, p. 105-109.
27. Description of the species of *Aphodius* and *Dialytes* of the United States.
Trans. Amer. Ent. Soc., September, 1870, vol. iii, p. 110-134, pl. 3 in part.
28. Descriptions of new species of Histeridæ of the United States.
Trans. Amer. Ent. Soc., September, 1870, vol. iii, p. 134-142, pl. 1.
29. Coleoptera.
Rec. Amer. Ent. for 1869, 1870, p. 38-46.
30. Revision of the Tenebrionidæ of America, north of Mexico.
Trans. Amer. Philos. Soc., 1870, vol. xiv, p. 253-404, pls. 14-15.
31. Synopsis of the species of *Corphyra*, Say, of the United States.
Trans. Amer. Ent. Soc., April, 1871, vol. iii, p. 278-283.
32. Synopsis of Aphodiini of the United States.
Trans. Amer. Ent. Soc., April-June, 1871, vol. iii, p. 284-297, pl. 3, in part.
33. Remarks on the species of the genus *Isomalus* Er. of the United States.
Trans. Amer. Ent. Soc., June, 1871, vol. iii, p. 297-299.
34. Descriptions of new species of Elateridæ, of the United States.
Trans. Amer. Ent. Soc., June-October, 1871, vol. iii, p. 299-324, pl. 4.
35. Descriptions of new Coleoptera of the United States, with notes on known species.
Trans. Amer. Ent. Soc., November-December, 1871, vol. iii, p. 325-344, pl. 3 in part.
36. Coleoptera.
Rec. Amer. Ent. for 1870, 1871, p. 13-19.
37. [Descriptions and figures of the early stages of *Agriotes mancus*.]
Can. Ent., January, 1872, vol. iv, p. 4-6.
38. Synopsis of the Malachiidæ of the United States.
Trans. Amer. Ent. Soc., September-October, 1872, vol. iv, p. 109-127.
39. The Brenthidæ of the United States.
Trans. Amer. Ent. Soc., October, 1872, vol. iv, p. 127-129.
40. Revision of the species of *Lebia* of the United States.
Trans. Amer. Ent. Soc., October, 1872, vol. iv, p. 130-142.
41. Descriptions of some new North American Coleoptera.
Trans. Amer. Ent. Soc., October, 1872, vol. iv, p. 143-152.
42. A list of Coleoptera collected by C. Thomas, in eastern Colorado and north-eastern New Mexico, during the survey of 1869.
Rept. U. S. Geol. Surv. for 1870, 1872, p. 469-470.
43. Coleoptera.
Rec. Amer. Ent. for 1871, 4th Ann. Rept. Peab. Acad. Sci. Salem, 1872, p. 124-131.
44. Coleoptera.
Rept. U. S. Geol. Surv. for 1871, 1872, p. 382-392.
45. Revision of the Bruchidæ of the United States.
Trans. Amer. Ent. Soc., January-March, 1873, vol. iv, p. 311-342.
46. Revision of the species of several genera of Meloidæ of the United States.
Proc. Amer. Philos. Soc., 1873, vol. xiii, p. 88-117.
47. Revision of the genera and species of the tribe Hydrobiini.
Proc. Amer. Philos. Soc., 1873, vol. xiii, p. 118-137.

48. Synopsis of the Histeridæ of the United States.
Proc. Amer. Philos. Soc., 1873, vol. xiii, p. 273-360, pl. 5.
Separate, September 30, 1873.
49. Contributions to a knowledge of the Curculionidæ of the United States.
Proc. Amer. Philos. Soc., November, 1873, vol. xiii, p. 407-469.
50. Coleoptera.
Rept. U. S. Geol. Surv. for 1872, 1873, p. 717.
51. Coleoptera.
Report on the condition of the sea fisheries of the south coast of New England in 1871 and 1872, 1873, p. 540-543.
Report invert. anim. Vineyard Sound, 1874, p. 246-249.
52. Coleoptera.
Rec. Amer. Ent. for 1872, 5th Ann. Rept. Peab. Acad. Sci., 1873, p. 119-122.
53. Remarks.
Check List of the Coleoptera. By G. R. Crotch. Salem, 1873, p. 128.
54. Revision of the species of *Trox* of the United States.
Trans. Amer. Ent. Soc., January, 1874, vol. v, p. 1-12.
55. [Foreign trees attacked by native insects.]
Proc. Amer. Philos. Soc., January-June, 1874, vol. xiv, p. 10.
Cf. Nature, July, 1874, vol. x, p. 178.
Cf. Ent. Mo. Mag., August, 1874, vol. xi, p. 69.
56. Descriptions of new species of United States Coleoptera.
Trans. Amer. Ent. Soc., February-March, 1874, vol. v, p. 20-43.
57. Observations sur la classification et la nomenclature des Coléoptères.
Petites nouv. entom., October, 1874, [vol. i] no. 109, p. 436-437.
58. [Sur les dégâts causes par *Doryphora 10-lineata*.]
Ann. Soc. Ent. France, 1874, ser. 5, vol. iv, p. 119-120, Bull.
59. [Société Entomologique Americane.]
Ann. Soc. Ent. France, 1874, ser. 5, vol. iv, p. 143, Bull.
60. *Pseudopsis sulcata* en Canada.]
Ann. Soc. Ent. France, 1874, ser. 5, vol. iv, p. 160, Bull.
61. Coleoptera.
Rec. Amer. Ent. for 1873, 6th Ann. Rept. Peab. Acad. Sci., 1874, p. 91-99.
62. Notes on the species of *Rhipiphorus* of the United States.
Trans. Amer. Ent. Soc., September, 1875, vol. v, p. 121-125.
63. Synonymical notes and description of new species of North American Coleoptera.
Trans. Amer. Ent. Soc., September, 1875, vol. v, p. 126-156.
64. Revision of the U. S. species of *Ochodæus* and other genera of Scarabæidæ.
Trans. Amer. Ent. Soc., March-April, 1876, vol. v, p. 177-197.
65. Notes on the coleopterous fauna of Guadalupe Island.
Trans. Amer. Ent. Soc., April, 1876, vol. v, p. 198-201.
66. Synonymy of the Coleoptera of the Fauna Boreali-Americana, Kirby.
Can. Ent., 1876, vol. viii: July, p. 126-130; August, p. 150-151; September, p. 166-170; October, p. 190-193.
67. Description of a new species of *Dacoderus* from the island of Santo Domingo
Trans. Amer. Ent. Soc., November, 1876, vol. v, p. 219.
68. Synopsis of the species of *Cymatodera* and *Trichodes* of the United States.
Trans. Amer. Ent. Soc., November-December, 1876, vol. v, p. 220-232, pl. 1 in part.

69. The sexual characters of North American Cicindelidæ with notes on some groups of *Cicindela*.
Trans. Amer. Ent. Soc., December, 1876, vol. v, p. 232-240, pl. 1 in part.
70. Notes on some coleopterous remains from the bone cave at Port Kennedy, Penna.
Trans. Amer. Ent. Soc., December, 1876, vol. v, p. 241-245.
71. Synoptic tables of some genera of Coleoptera with notes and synonymy.
Trans. Amer. Ent. Soc., December, 1876, vol. v, p. 246-252.
72. Revision of the species of *Chlænius* of the United States.
Trans. Amer. Ent. Soc., December, 1876, vol. v, p. 253-276.
73. The Rhynchophora of America north of Mexico. Family v. Otiiorhynchidæ.
Proc. Amer. Philos. Soc., December, 1876, vol. xv, p. 13-112.
74. Synopsis of the genera and species of the Staphylinide-tribe Tachyporini of the United States.
Trans. Amer. Ent. Soc., June, 1877, vol. vi, p. 81-128, pl. 1.
75. List of Coleoptera collected in 1875 in Colorado and Utah, by A. S. Packard, Jr., M.D.
Rept. U. S. Geol. Surv. for 1875, 1877, p. 811-815.
76. Notes on some species of *Hister*.
Trans. Amer. Ent. Soc., January, 1878, vol. vii, p. 1-2.
77. Revision of the species of *Acmæodera* of the United States.
Trans. Amer. Ent. Soc., January, 1878, vol. vii, p. 2-27, pl. 1.
78. Descriptions of the larvæ of the North American genera of Cicindelidæ, also of *Dicælus* with a note on *Rhynchophorus*.
Trans. Amer. Ent. Soc., January, 1878, vol. vi, p. 28-40, pl. 2.
79. Notes on some genera of Cerambycidæ of the United States.
Trans. Amer. Ent. Soc., January, 1878, vol. vii, p. 41-50.
80. Contributions to the coleopterology of the United States, No. 2.
Trans. Amer. Ent. Soc., January, 1878, vol. vii, p. 51-60.
81. Revision of the species of the sub-family Bostrichidæ of the United States.
Proc. Amer. Philos. Soc., May-June, 1878, vol. xvii, p. 540-555.
82. Synopsis of the Colydiidæ of the United States.
Proc. Amer. Philos. Soc., June, 1878, vol. xvii, p. 555-592.
83. [Synopsis of the Mycetophagidæ and descriptions of new species of Coleoptera.]
Proc. Amer. Philos. Soc., June, 1878, vol. xvii, p. 603-608; 620-621.
84. Synoptic table of the three genera of Elaphrini.
Bull. Brooklyn Ent. Soc., August, 1878, vol. i, p. 29.
85. *Loricera*, Latr. [Synoptic table.]
Bull. Brooklyn Ent. Soc., August, 1878, vol. i, p. 29.
86. *Trachypachys*, Mots. [Synoptic table.]
Bull. Brooklyn Ent. Soc., August, 1878, vol. i, p. 30.
87. *Opisthius*, Kirby.
Bull. Brooklyn Ent. Soc., August, 1878, vol. i, p. 30.
88. Revision of the species of *Listrochelus* of the United States.
Trans. Amer. Ent. Soc., November, 1878, vol. vii, p. 137-148.
89. Synopsis of the Quediini of the United States.
Trans. Amer. Ent. Soc., November, 1878, vol. vii, p. 149-167.
90. Synopsis of the species of *Cychrus* inhabiting Boreal America.
Trans. Amer. Ent. Soc., November, 1878-January, 1879, vol. vii, p. 168-185

91. Synopsis of the species of *Staphylinus* and the more closely allied genera inhabiting the United States.
Trans. Amer. Ent. Soc., January, 1879, vol. vii, p. 185-200.
92. *Nomaretus*, Lec. [Synoptic table.]
Bull. Brooklyn Ent. Soc., February, 1879, vol. i, p. 79.
93. [Mimicry.]
Trans. Amer. Ent. Soc., April, 1879, vol. vii, p. 2, Proc.
94. [Lepidoptera from Costa Rica.]
Trans. Amer. Ent. Soc., April, 1879, vol. vii, p. 3, Proc.
95. [Notes on some Coleoptera.]
Trans. Amer. Ent. Soc., May, 1879, vol. vii, p. 11-12, Proc.
96. [Table of *Adelocera*.]
Trans. Amer. Ent. Soc., June, 1879, vol. vii, p. 14-15, Proc.
97. [Synonymical notes.]
Trans. Amer. Ent. Soc., June, 1879, vol. vii, p. 15-16, Proc.
98. Synopsis of the Monotomidæ of the United States.
Trans. Amer. Ent. Soc., June, 1879, vol. vii, p. 257-267.
(Cf. op. cit. p. 12, Proc.)
99. Revision of the Nitidulidæ of the United States.
Trans. Amer. Ent. Soc., June-October, 1879, vol. vii, p. 267-336, pl. 3.
(Cf. op. cit. p. 12, Proc.)
100. Notes on the Mycteridæ and other Heteromera.
Trans. Amer. Ent. Soc., October, 1879, vol. vii, p. 336-339.
(Cf. op. cit. p. 7-8, Proc.)
101. [Dimorphism.]
Trans. Amer. Ent. Soc., December, 1879, vol. vii, p. 30, Proc.
102. [Characters of *Propalticus oculatus*.]
Trans. Amer. Ent. Soc., December, 1879, vol. vii, p. 31, Proc.
103. [Deformity in *Cremastochilus saucius*.]
Trans. Amer. Ent. Soc., December, 1879, vol. vii, p. 31-32, Proc.
104. A monographic revision of the species of *Cremastochilus* of the United States.
Proc. Amer. Philos. Soc., December, 1879-January, 1880, vol. xviii, p. 382-397, pl. 4 in part.
105. Synopsis of the Euphorizæ of the United States.
Proc. Amer. Philos. Soc., January, 1880, vol. xviii, p. 397-408, pl. 4 in part.
106. Notes on the species of *Asaphes* of Boreal America.
Trans. Amer. Ent. Soc., February-March, 1880, vol. viii, p. 69-75.
- 106a. Report of the Entomological Section.
Proc. Acad. Nat. Sci. Phila., 1879 (November, 1880), p. 448-450.
107. Synopsis of the Dascyllidæ of the United States.
Trans. Amer. Ent. Soc., March-April, 1880, vol. viii, p. 76-114, pl. 1.
(Cf. op. cit. vol. vii, p. 21-22, Proc.)
108. Notes on some genera of Cerambycidæ with descriptions of new species.
Trans. Amer. Ent. Soc., April-May, 1880, vol. viii, p. 115-138, pl. 2.
109. Contributions to the coleopterology of the United States, No. 3.
Trans. Amer. Ent. Soc., May, 1880, vol. viii, p. 139-154, pl. 3.
110. [Arrangement of boxes of collections of insects.]
Trans. Amer. Ent. Soc., May, 1880, vol. viii, p. 3-5, Proc.
111. [The described larva of *Anophthalmus*.]
Trans. Amer. Ent. Soc., May, 1880, vol. viii, p. 7, Proc.

112. Synopsis of the Silphidæ of the United States, with reference to the genera of other countries.
 Trans. Amer. Ent. Soc., July-October, 1880, vol. viii, p. 219-322, pl. 5-7.
 (Cf. op. cit. p. 8, Proc.)
- 112a. [Note sur les Silphidæ des États-Unis.]
 Ann. Soc. Ent. France, July 28, 1880, ser. 5, vol. x, p. 88-90, Bull.
113. [The Coleoptera described by Bland and Provancher; synonymical notes.]
 Trans. Amer. Ent. Soc., September, 1880, vol. viii, p. 10-12, Proc.
114. Note on *Hemipeplus* Latr.
 Trans. Amer. Ent. Soc., September, 1880, vol. viii, p. 12-15, Proc.
115. *Holciophorus*. [Synoptic table.]
 Bull. Brooklyn Ent. Soc., October, 1880, vol. iii, p. 50.
116. *Dicælus*, Bon. [Synoptic table.]
 Bull. Brooklyn Ent. Soc., October, 1880, vol. iii, p. 51.
117. *Diplochila*. Brull. [Synoptic table.]
 Bull. Brooklyn Ent. Soc., October, 1880, vol. iii, p. 52.
118. [Coleoptera from the Florida Keys.]
 Trans. Amer. Ent. Soc., November, 1880, vol. viii, p. 17, Proc.
119. [Synonymical notes.]
 Trans. Amer. Ent. Soc., November, 1880, vol. viii, p. 17, Proc.
120. [*Cetonia vestita* Say.]
 Trans. Amer. Ent. Soc., November, 1880, vol. viii, p. 19, Proc.
121. [*Cicindela magdalenæ*.]
 Trans. Amer. Ent. Soc., November, 1880, vol. viii, p. 19-20, Proc.
122. A review of the species of *Anisodactylus* inhabiting the United States
 Proc. Amer. Philos. Soc., November-December, 1880, vol. xix, p. 162-178.
123. Critical notes on the species of *Selenophorus* of the United States.
 Proc. Amer. Philos. Soc., December, 1880, vol. xix, p. 178-183.
124. [Table of *Clivina*.]
 Trans. Amer. Ent. Soc., March, 1881, vol. ix, p. 7, Proc.
125. [The species of *Desmocerus*.]
 Trans. Amer. Ent. Soc., March, 1881, vol. ix, p. 7-8, Proc.
126. Revision of the species of *Polyphylla* of the United States.
 Trans. Amer. Ent. Soc., June, 1881, vol. ix, p. 73-76.
127. Notes on Elateridæ, Cebriionidæ, Rhipiceridæ and Dascyllidæ.
 Trans. Amer. Ent. Soc., June-July, 1881, vol. ix, p. 76-90, pl. 1-2.
128. On the genera of Carabidæ with special reference to the fauna of Boreal America.
 Trans. Amer. Ent. Soc., July-October, 1881, vol. ix, p. 91-196, pl. 3-10.
 (Cf. op. cit. p. 23, Proc.)
129. Synoptic table of the tribe Chlæniini.
 Bull. Brooklyn Ent. Soc., Aug., 1881, vol. iv, p. 29-30.
130. Synoptic tables of Coleoptera.
 Bull. Brooklyn Ent. Soc., November-December, 1881, vol. iv, p. 39-40.
131. Descriptions of new species of North American Coleoptera. [With J. L. LeConte.]
 Trans. Kans. Acad. Sci., 1881, vol. vii, p. 74-77.
132. *Cymindis*, Latr. [Synoptic table.]
 Bull. Brooklyn Ent. Soc., January-February, 1882, vol. iv, p. 43.

133. *Apristus*. Chaud. [Synoptic table.]
Bull. Brooklyn Ent. Soc., January-February, 1882, vol. iv, p. 44.
134. Synoptic tables of Coleoptera.
Bull. Brooklyn Ent. Soc., March-April, 1882, vol. iv, p. 53-55.
135. [*Microcyptus* pro *Anacyptus* ||.]
Trans. Amer. Ent. Soc., April, 1882, vol. x, p. 1, Proc.
136. [U. S. Coleoptera described by European authors.]
Trans. Amer. Ent. Soc., April, 1882, vol. x, p. 3-5, Proc.
137. Revision of the species of some genera of Buprestidæ.
Trans. Amer. Ent. Soc., July-August, 1882, vol. x, p. 101-112, pl. 4 in part.
138. Notes on some little-known genera and species of Coleoptera.
Trans. Amer. Ent. Soc., August, 1882, vol. x, p. 113-126, pl. 4 in part, pl. 5-6.
(Cf. op. cit. p. 2, 3 Proc.)
139. Synopsis of the species of the tribe Lebiini.
Trans. Amer. Ent. Soc., August-September, 1882, vol. x, p. 126-164.
140. [*Cyllene pictus* and *C. robiniaë*.]
Can. Ent., December, 1882, vol. xiv, p. 240.
141. *Olisthopus*, Dej. [Synoptic table.]
Bull. Brooklyn Ent. Soc., December, 1882, vol. v, p. 63.
142. Classification of the Coleoptera of North America. [With J. L. LeConte.]
Smithsonian Misc. Coll., 1883, vol. xxvi, 38-567 pages.
143. Miscellaneous notes and short studies of North American Coleoptera.
Trans. Amer. Ent. Soc., May-July, 1883, vol. x, p. 269-312, pl. 9.
144. *Pseudomorpha*, Kirby. [Synoptic table.]
Bull. Brooklyn Ent. Soc., June, 1883, vol. vi, p. 16.
145. Synoptic tables of Coleoptera.
Bull. Brooklyn Ent. Soc., September, 1883, vol. vi, p. 51-53.
146. [*Pœcilobrium* pro *Callimus* †.]
Trans. Amer. Ent. Soc., September, 1883, vol. x, p. 11, Proc.
147. [Dissections of mouth parts of Coleoptera.]
Trans. Amer. Ent. Soc., September, 1883, vol. x, p. 13, Proc.
148. [Maxillæ of Gyrinidæ.]
Trans. Amer. Ent. Soc., September, 1883, vol. x, p. 16, Proc.
149. [Felting caused by *Attagenus megatoma*.]
Trans. Amer. Ent. Soc., September, 1883, vol. x, p. 17, Proc.
150. John Lawrence LeConte.
Science, December 21, 1883, vol. ii, no. 46, p. 784-786.
151. Memoir of John L. LeConte, M.D.
Proc. Amer. Philos. Soc., 1883, vol. xxi, p. 294-299.
152. Synoptic table of *Mallodon*.
Bull. Brooklyn Ent. Soc., May, 1884, vol. vii, p. 9.
153. Notes on the species of *Anomala* inhabiting the United States.
Trans. Amer. Ent. Soc., May, 1884, vol. xi, p. 157-164.
154. Synopsis of the United States species of *Notoxus* and *Mecynotarsus*.
Trans. Amer. Ent. Soc., May, 1884, vol. xi, p. 165-176.
155. Synopsis of the Philonthi of Boreal America.
Trans. Amer. Ent. Soc., June-August, 1884, vol. xi, p. 177-244.
(Cf. op. cit. p. 31, 34 Proc.)
156. Notes on *Chrysomela*.
Can. Ent., July, 1884, vol. xvi, p. 127-129.

157. Synonymical notes.
Can. Ent., August, 1884, vol. xvi, p. 147-148.
158. [Editorial notes to LeConte's Short Studies, No. 2.]
Trans. Amer. Ent. Soc., November, 1884, vol. xii, p. 1, 3, 16, 24.
159. A study of some genera of Elateridæ.
Trans. Amer. Ent. Soc., December, 1884-January, 1885, vol. xii, p. 33-52.
160. [Independent publication. Packard's genealogy of insects.]
Trans. Amer. Ent. Soc., 1885, vol. xi, p. 30, Proc.
161. [Death of John L. LeConte.]
Trans. Amer. Ent. Soc., January, 1885, vol. xi, p. 30, Proc.
162. [*Platypsylla castoris*.]
Trans. Amer. Ent. Soc., January, 1885, vol. xi, p. 35, Proc.
163. Notes on some Staphylinidæ.
Bull. Brooklyn Ent. Soc., January, 1885, vol. vii, p. 121-122.
164. A study of the species of *Cryptobium* of North America.
Trans. Amer. Ent. Soc., February, 1885, vol. xii, p. 85-106, pl. 1-2.
165. Studies among the Meloidæ.
Trans. Amer. Ent. Soc., March, 1885, vol. xii, p. 107-116, pl. 5 in part.
166. Descriptions of new North American Scarabæidæ.
Trans. Amer. Ent. Soc., March, 1885, vol. xii, p. 117-128, pl. 4 in part.
(Cf. op. cit. vol. xi, p. 31, Proc.)
167. Contributions to the Coleopterology of the United States. (No. 4.)
Trans. Amer. Ent. Soc., March-April, 1885, vol. xii, p. 128-162, pl. 4-5 in part.
168. Synonymical Notes. [Newman's species.]
Ent. Amer., April, 1885, vol. i, p. 5-9.
169. Descriptions of some new Cerambycidæ with notes.
Trans. Amer. Ent. Soc., May-June, 1885, vol. xii, p. 173-197.
170. Synopsis of the Throscidæ of the United States.
Trans. Amer. Ent. Soc., June, 1885, vol. xii, p. 198-208.
171. A note on *Scotocryptus*.
Ent. Amer., June, 1885, vol. i, p. 51-52.
172. Synonymical notes. [Newman's species.]
Ent. Amer., June, 1885, vol. i, p. 52.
173. A note on some Hydrophilidæ.
Can. Ent., July, 1885, vol. xvii, p. 137-139.
174. Synonymical notes. No. 2. [Beauvois's species.]
Ent. Amer., August, 1885, vol. i, p. 88-90.
175. Synonymical notes. (No. 3.). [Casey's species.]
Ent. Amer., September, 1885, vol. i, p. 108-113.
176. [Characters of *Collapteryx*.]
Trans. Amer. Ent. Soc., September, 1885, vol. xii, p. 3, Proc.
177. [Notes on *Romaleum*, *Aneflus* and *Eustroma*.]
Ent. Amer., October, 1885, vol. i, p. 130-133.
178. [Position of *Hypocephalus*.]
Trans. Amer. Ent. Soc., December, 1885, vol. xii, p. 19, Proc.
179. Concerning *Cremastochilus*.
Ent. Amer., January, 1886, vol. i, p. 187-188.
180. *Dinapate wrightii* and its larva.
Trans. Amer. Ent. Soc., January, 1886, vol. xiii, p. 1-4, pl. 1.

181. A monograph of the species of the sub-families Eucneminae, Cerophytinae and Perothopinae inhabiting the United States.
Trans. Amer. Ent. Soc., January-February, 1886, vol. xiii, p. 5-58.
(Cf. op. cit., vol. vii, p. 21, Proc.; vol. x, p. 3, Proc.)
182. A monograph of the species of *Chrysobothris* inhabiting the United States.
Trans. Amer. Ent. Soc., March-April, 1886, vol. xiii, p. 65-124, pl. 2-7.
(Cf. op. cit. vol. xii, p. 22, Proc.)
183. A review of the species described by Olivier in the "Entomologie."
Trans. Amer. Ent. Soc., April, 1886, vol. xiii, p. 135-144.
(Cf. op. cit. p. 24, Proc.)
184. On explosive emissions from Carabidæ.
Can. Ent., June, 1886, vol. xviii, p. 119.
185. Mr. Charles Wilt.
Trans. Amer. Ent. Soc., June, 1886, vol. xiii, p. 6, Proc.
186. Notes on the "Biologia Centrali-Americana."
Trans. Amer. Ent. Soc., June, 1886, vol. xiii, p. 7-11, Proc.
187. Notes from the Museum at Cambridge.
Trans. Amer. Ent. Soc., June, 1886, vol. xiii, p. 11-16, Proc.
188. [Thomas Say: *Dinapate: Geotrupes chalybæus.*]
Trans. Amer. Ent. Soc., December, 1886, vol. xiii, p. 19-20, Proc.
189. [Baron E. von Harold.]
Trans. Amer. Ent. Soc., December, 1886, vol. xiii, p. 23, Proc.
190. A monograph of the Aphodiini inhabiting the United States.
Trans. Amer. Ent. Soc., January-April, 1887, vol. xiv, p. 1-110.
(Cf. op. cit. p. 2, Proc.)
191. Some critical notes.
Ent. Amer., February, 1887, vol. ii, p. 207-209.
192. Notes on *Lachnosterna*.
Ent. Amer., November, 1887, vol. iii, p. 141-145.
193. Revision of the *Lachnosterna* of America north of Mexico.
Trans. Amer. Ent. Soc., November-December, 1887, vol. xiv, p. 209-296, pl. 3.
(Cf. op. cit. p. 6, Proc.)
194. [*Dinapate*: Food habits of Monilemæ.]
Trans. Amer. Ent. Soc., December, 1887, vol. xiv, p. 8, Proc.
195. [Pink katydids.]
Trans. Amer. Ent. Soc., December, 1887, vol. xiv, p. 9, Proc.
196. Review of the species of *Pleocoma*. with a discussion of its systematic position in the Scarabæidæ.
Trans. Amer. Ent. Soc., January-February, 1888, vol. xv, p. 1-18, pl. 1-2.
(Cf. op. cit. p. 3, Proc.)
197. Descriptions of the larvæ of *Glyptus*, *Platypsylla* and *Polyphylla*.
Trans. Amer. Ent. Soc., February-March, 1888, vol. xv, p. 18-26, pl. 3 in part.
(Cf. op. cit. p. 4, Proc.)
198. *Pleocoma* Lec., its systematic position and indication of new species.
Ent. Amer., March, 1888, vol. iii, p. 233-235.
199. Miscellaneous coleopterous studies.
Trans. Amer. Ent. Soc., March-April, 1888, vol. xv, p. 26-48, pl. 3 in part.
(Cf. op. cit. p. 6, Proc.)
200. A note on *Chanopterus* Boh.
Ent. Amer., June, 1888, vol. iv, p. 48.

201. Additional notes.
 Trans. Amer. Ent. Soc., December, 1888, vol. xv, p. 300-301.
202. Supplementary notes.
 Trans. Amer. Ent. Soc., December, 1888, vol. xv, p. 303-304.
203. [Remarks on *Pleocoma*.]
 Proc. Ent. Soc., Washington, March, 1889, vol. i, p. 144.
204. [Remarks on *Platypsyllus*.]
 Proc. Ent. Soc., Washington, March, 1889, vol. i, p. 144.
205. [Coleopterous fauna of North America.]
 Proc. Ent. Soc., Washington, March, 1889, vol. i, p. 146-147.
206. [Distribution of *Hornia minutipennis*.]
 Proc. Ent. Soc., Washington, March, 1889, vol. i, p. 147.
207. A synopsis of the Halticini of Boreal America.
 Trans. Amer. Ent. Soc., May-July, 1889, vol. xvi, p. 163-320, pl. 5-7.
 (Cf. op. cit. vol. xv, p. 13, Proc.; vol. xvi, p. 3, 8, 10, Proc.)
208. A reclamation.
 Ent. Amer., June, 1889, vol. v, p. 122.
209. Notes on *Heterocerus*.
 Ent. Amer., July, 1889, vol. v, p. 142.
210. Synonymical notes. [Germar's species.]
 Ent. Amer., October-November, 1889, vol. v, p. 198-199.
211. Synonymical notes.
 Ent. Amer., October-November, 1889, vol. v, p. 212.
212. [*Onthophagus nuchicornis*.]
 Trans. Amer. Ent. Soc., 1889, vol. xvi, p. 11, Proc.
213. [Insects passed from the human body.]
 Trans. Amer. Ent. Soc., 1889, vol. xvi, p. 11, Proc.
214. [Stridulating Coleoptera.]
 Trans. Amer. Ent. Soc., 1889, vol. xvi, p. 12, Proc.
- 214a. [Remarks on effects of habitual use in the modification of an animal organization.]
 Proc. Amer. Philos. Soc., December, 1889, vol. xxvi, p. 529.
215. The species of *Heterocerus* of Boreal America.
 Trans. Amer. Ent. Soc., January, 1890, vol. xvii, p. 1-16, pl. 1.
 (Cf. op. cit. vol. xvi, p. 9, 10, Proc.)
216. Notes on the species of *Ochthebius* of Boreal America.
 Trans. Amer. Ent. Soc., January, 1890, vol. xvii, p. 17-26, pl. 2.
217. Notes on Coleoptera.
 Ent. News, January, 1890, vol. i, p. 9-10.
218. A reply to Dr. C. V. Riley.
 No imprint, [February, 1890.]
219. The "ultimate larva" of *Platypsyllus*.
 Ent. Amer., March, 1890, vol. vi, p. 55-56.
220. [New species of *Cychnus*.]
 Ent. Amer., April, 1890, vol. vi, p. 71-72.
221. Notes on Elateridæ.
 Ent. News, April, 1890, vol. i, p. 53-55.
222. [Synoptic table of *Anthophilax*.]
 Ent. Amer., May, 1890, vol. vi, p. 98.

223. [Breeding habit of *Cænopæus palmeri*.]
Proc. Ent. Soc., Washington, May, 1890, vol. i, p. 252.
224. Notes on some Hydrobiini of Boreal America.
Trans. Amer. Ent. Soc., July-August, 1890, vol. xvii, p. 237-278, pl. 3-4,
pl. 9 in part.
225. A revision of the Sphæridiini inhabiting Boreal America.
Trans. Amer. Ent. Soc., August-November, 1890, vol. xvii, p. 279-314, pl.
9 in part.
226. Some notes on *Aræoschizus*.
Trans. Amer. Ent. Soc., November, 1890, vol. xvii, p. 339-343.
227. [Central American] Throscidæ [and] Eucnemidæ.
Biol. Centrali-Americana, Insecta, Coleoptera, vol. iii, pt. 1, November,
1890, p. 193-257, pl. 10.
228. The antennæ of Coleoptera.
Proc. Acad. Nat. Sci., Phila., November, 1889, p. 311.
229. [Form of *Ergates spiculatus* Lec.]
Ent. News, December, 1890, vol. i, p. 161.
230. *Trichodes ornatus* Say.
Ent. News, January, 1891, vol. ii, p. 6-8.
231. A monograph of the species of *Cryptohypnus* of Boreal America.
Trans. Amer. Ent. Soc., January-February, 1891, vol. xviii, p. 1-31, pl. 1
in part.
232. New species and miscellaneous notes.
Trans. Amer. Ent. Soc., February, 1891, vol. xviii, p. 32-48, pl. 1 in part.
233. The species of *Agrilus* of Boreal America.
Trans. Amer. Ent. Soc., September-October, 1891, vol. xviii, p. 277-336, pl. 8.
234. Notes on *Calospasta* Lec.
Proc. Amer. Philos. Soc., October, 1891, vol. xxix, p. 99-102.
235. A good collection of *Agrilus* at the National Museum.
Insect Life, November, 1891, vol. iv, p. 137.
236. Studies in Chrysomelidæ.
Trans. Amer. Ent. Soc., January-February, 1892, vol. xix, p. 1-18.
237. Variations of color-markings in Coleoptera.
Ent. News, February, 1892, vol. iii, p. 25-28, pl. 1.
238. Notes on *Amara* s. g. *Triæna*.
Trans. Amer. Ent. Soc., February, 1892, vol. xix, p. 18-19.
239. A study of *Amara* s. g. *Celia*.
Trans. Amer. Ent. Soc., February-March, 1892, vol. xix, p. 19-40.
240. *Carabus nemoralis* Müll.
Ent. News, March, 1892, vol. iii, p. 60-61.
241. Random studies in North American Coleoptera.
Trans. Amer. Ent. Soc., March, 1892, vol. xix, p. 40-48.
242. *Dorcus parallelus* Say.
Ent. News, April, 1892, vol. iii, p. 73-74, pl. 3.
243. The Eumolpini of Boreal America.
Trans. Amer. Ent. Soc., July-August, 1892, vol. xix, p. 195-234.
244. The Galerucini of Boreal America.
Trans. Amer. Ent. Soc., April-June, 1893, vol. xx, p. 57-136, pl. 1 in part.
245. Miscellaneous coleopterous studies.
Trans. Amer. Ent. Soc., June, 1893, vol. xx, p. 136-144, pl. 1 in part.

246. *Amblychila cylindriformis* Say.
Ent. News, November, 1893, vol. iv, p. 281-283.
247. A note on *Cryptohypnus*.
Ent. News, January, 1894, vol. v, p. 6-7.
248. [*Saprinus sulcatus*.]
Ent. News, January, 1894, vol. v, p. 14.
249. Synonymical notes.
Ent. News, February, 1894, vol. v, p. 41.
250. Note on *Platypsyllus*.
Ent. News, May, 1894, vol. v, p. 141.
251. *Cassida nebulosa* Linn.
Ent. News, May, 1894, vol. v, p. 146.
252. The Coleoptera of Baja California.
Proc. Cal. Acad. Sci., August, 1894, ser. 2, vol. iv, p. 302-449, pl. 7-8.
253. Notes on our Cassididæ.
Ent. News, September, 1894, vol. v, p. 224.
254. *Vesperoctenus flohri* Bates.
Ent. News, April, 1895, vol. vi, p. 114-115.
255. Studies in Coccinellidæ.
Trans. Amer. Ent. Soc., April-May, 1895, vol. xxii, p. 81-114, pl. 1-2.
256. [Synonymical notes.]
Ent. News, June, 1895, vol. vi, p. 179.
257. Coleoptera of Baja California. (Supplement I.)
Proc. Cal. Acad. Sci., July, 1895, ser. 2, vol. v, p. 225-259, pl. 20.
258. [Synonymical notes.]
Ent. News, December, 1895, vol. vi, p. 326.
259. A visit to Cambridge.
Ent. News, February, 1896, vol. vii, p. 49-50.
260. Review [Cambridge natural history, vol. v.]
Ent. News, February, 1896, vol. vii, p. 53-54.
261. Auguste Sallé.
Ent. News, June, 1896, vol. vii, p. 192.
262. [Julius Flohr.]
Ent. News, September, 1896, vol. vii, p. 203.
263. Coleoptera of Baja California. (Supplement II.)
Proc. Cal. Acad. Sci., September, 1896, ser. 2, vol. vi, p. 367-381.
264. The CEdemeridæ of Boreal America.
Proc. Cal. Acad. Sci., September, 1896, ser. 2, vol. vi, p. 382-421.
265. [Note on Buprestidæ.]
Ent. News, October, 1896, vol. vii, p. 247.

2. INDEX TO THE GENERA AND SPECIES OF COLEOPTERA.

CICINDELIDÆ.

- | | |
|---------------------------------|--------------------------------|
| Omus. | <i>gabbii</i> , 6-395. |
| <i>lævis</i> , 6-394. | <i>puritana</i> , 35-325. |
| <i>lecontei</i> , 41-143. | <i>schauppilii</i> , 69-240. |
| <i>submetallicus</i> , 20-129. | <i>senilis</i> , 6-395. |
| Cicindela. | <i>vibex</i> , 6-395. |
| <i>anthracina</i> , 109-139 . | = var. of <i>vulgaris</i> Say. |
| = <i>hornii</i> Schaupp. | |

CARABIDÆ.

- Omophron.**
 obliteratum, 24-73.
 ovale, 24-75.
 robustum, 24-73.
- Cychrus.**
 fulleri, 90-184.
 = var. of marginatus *Fisch.*
 hemphillii, 90-184.
 merkelii, 220-71.
 mimus, 56-20.
 *minor, 70-243.
 relictus, 128-188.
 rugiceps, 41-143.
 *wheatleyi, 70-242.
- Nomareetus.**
 imperfectus, 1-569.
- Calosoma.**
 haydeni, 24-69.
 latipenne, 24-70.
 morrisoni, 167-128.
 palmeri, 65-199.
- Elaphrus.**
 pallipes, 80-51.
 viridis, 80-52.
- Nebria.**
 ingens, 25-98.
 virescens, 25-100.
 viridis, 25-101.
- Pelophila.**
 ulkei, 25-105.
- Dyschirius.**
 lævifasciatus, 80-52.
- Pachyteles.**
 testaceus, 20-129.
- Bembidium.**
 jucundum, 257-230.
- Anillus.**
 explanatus, 199-26.
 fortis, 19-127.
- Pogonus.**
 lecontei, 71-250.
 planatus, 71-250.
- Trechus.**
 barbaræ, 241-41.
 hydropticus, 143-273.
- Anophthalmus.**
 audax, 143-272.
 eremita, 35-328.
 pubescens, 19-126.
 pusio, 19-125.
 tenuis, 35-327.
- Pterostichus.**
 agonus, 109-140.
 apalachius, 241-41.
 pro diligendus † *Lec.*
 blanchardi, 232-33.
 caligans, 232-32.
 hamiltoni, 109-139.
 inanis, 232-32.
- Amara.**
 belfragei, 238-19.
 femoralis, 239-30.
 imitatrix, 239-34.
 insularis, 63-128.
 nupera, 239-33.
 putzeysii, 63-129.
 = apicarius *Payk.*
 robustula, 239-32.
- Stolonis.**
 ulkei, 167-129.
- Dicælus.**
 *alutaceus, 70-244.
- Platynus.**
 arizonensis, 241-42.
 languidus, 241-42.
 myrmecodes, 241-42.
 nivalis, 131-74.
 ? quadrimaculatus, 167-130.
 sulcipennis, 131-75.
- Euphorticus, 128-144.**
 occidentalis, 232-38.
- Anchonoderus.**
 apicalis, 252-38.
 quadrinotatus, 80-53.
 = myops *Reiche.*
- Galerita.**
 decipiens, 167-131.
 = mexicanus *Chaud.*
- Tetragonoderus.**
 pallidus, 20-130.

Lebia.

- depicta, 167-133.
- lecta, 167-131.
- miranda, 40-139 (Dianchomena).
- montana, 167-131.
- pectita, 167-133.
- scapula, 167-132.
- spraguei, 40-139 (Aphelogenia).
- = var. of vittata *Fab.*

Apristus.

- subcyaneus, 252-360.

Callida.

- platynoides, 134-55; 139-139.
- rugicollis, 252-361.

Philophuga.

- castanea, 134-54; 139-144.

Plochionus.

- dorsalis, 139-146.

Pinacodera.

- semisulcata, 130-40; 139-148.
- sulcipennis, 130-40; 139-148.

Cymindis.

- *aurora, 70-243.
- californica, 257-231.

Apenes.

- limbata, 257-232.

Onota.

- floridana, 128-159.

Chlænius.

- alternatus, 35-327.
- chaudoiri, 72-270.
- flaccidus, 72-265.
- floridanus, 72-263.

insperatus, 167-134.

= cæruleicollis *Chaud.*

interruptus, 72-259.

maxillosus, 72-260.

nimrod, 263-372.

orbis, 35-326.

*punctulatus, 70-244.

texanus, 72-261.

viduus, 35-325.

Brachylobus.

- caurinus, 167-134.

Anatrichis.

- oblonga, 232-37.

Pogonodaptus, 128-178.

- piceus, 128-179.

Discoderus.

cordicollis, 232-34.

crassicollis, 232-35.

robustus, 145-52.

Harpalus.

- obliquus, 109-140.

Selenophorus.

- breviusculus, 123-181.

Tachycellus.

- kirbyi, 145-51.

Anisodactylus.

immanis, 122-165.

nivalis, 122-172.

pilosus, 122-165.

strenuus, 20-130.

Pseudomorpha.

angustata, 143-274; 144-16.

behrensii, 27-76.

cronkhitei, 12-151.

DYTISCIDÆ.

Canthydrus.

- lineatus, 35-329 (Suphis).

Laccophilus.

- lateralis, 143-282.
- quadrilineatus, 35-330.

Hydroporus.

- palliatu, 143-283.
- picturatus, 143-283.
- quadrimaculatus, 143-284.

Colymbetes.

inæqualis, 35-330.

= seminiger *Lec.*

Thermonectes

- peninsularis, 252-362.

Graphoderes.

- occidentalis, 143-281.

HYDROPHILIDÆ.

- Tropisternus.**
quadristriatus, 35-331 (Hydrophilus)
= sublævis *Lec.*
- Hydrocharis.**
rickseckeri, 257-233.
- Berosus.**
emarginatus, 47-120.
rugulosus, 47-124.
styliferus, 47-121.
- Limnocharis,** 41-144.
= *Limnebius Leach.*
- Limnebius.**
piceus, 41-144 (Limnocharis).
- Philhydrus.**
californicus, 224-248.
fucatus, 47-127.
hamiltoni, 224-248.
- Cymbiodyta.**
blanchardi, 224-258.
morata, 224-256.
punctatostriata, 47-131 (Philhydrus).
- Helocombus,** 224-259.
- Hydrobius.**
latus, 47-133.
scabrosus, 47-133.
- Creniphilus.**
degener, 224-273.
dissimilis, 47-136 (Hydrobius).
monticola, 224-271.
moratus, 224-271.
rufiventris, 47-135 (Hydrobius).
- Helopeltis,** 47-137.
larvalis, 47-139.
- Dactylosternum.**
advectum, 225-284.
- Phænotypus,** 225-285.
- Cercyon.**
floridanus, 225-303.
indistinctus, 225-297.
rufescens, 257-233.
- Megasternum.**
punctulatum, 225-309.
- Pemelus,** 225-309.
- Cryptopleurum.**
americanum, 225-311.

LEPTINIDÆ.

- Leptinillus,** 138-113.
validus, 41-145 (Leptinus).

SILPHIDÆ.

- Necrophilus.**
pettitii, 112-243.
- Pelates,** 112-244.
- Pinodytes,** 112-248.
hamiltoni, 241-45.
pusio, 241-45.
- Platycholeus,** 112-254.
- Choleva.**
alsiosa, 167-136.
decipiens, 112-259.
egena, 112-257.
- Echinocoleus,** 167-136.
setiger, 167-136.
- Prionochæta,** 112-260.
- Ptomaphagus.**
fusus, 167-137.
nevadicus, 112-263.
ulkei, 167-137.
- Colon.**
asperatum, 112-274.
celatum, 112-271.
hubbardi, 112-270.
nevadense, 112-275.
paradoxum, 112-270.
pusillum, 112-273.
putum, 112-272.
thoracicum, 112-274.

Triarthron.
lecontei, 20 131.
pennsylvanicum, 143-284.

Hydnobius.
arizonensis, 167-138.
strigilatus, 112-281.

Anistoma.
difficilis, 112-288.
ecarinata, 112-292.
humeralis, 112-286 || =
merkeliana, 256-234.
valida, 112-287.

Liodes.
blanchardi, 112-298.
confusa, 112-299.

geminata, 112-299.
obsoleta, 112-298.

Isoplastus, 112-295.
fossor, 112-295.

Agathidium.
histriatum, 112-304.
californicum, 112 303.
dentigerum, 112-303.
estriatum, 112-304.
repentinum, 112-304.
sexstriatum, 112-303.

Clambus.
seminulum, 112-313.

SCYDMÆNIDÆ.

Scydmaenus.
deformatus, 167-138.

Eumicrus.
lucanus, 257-235.

Eutheia.
colon, 20-131.

PSELAPHIDÆ.

Atinus, 19-127.
= *Chennium Latr.*

Rybaxis.
brendelii, 53-36 (*Bryaxis*).
= *conjuncta Lec.**

* I am indebted to Mr. E. A. Schwarz for the following "SYNONYMICAL NOTE. From Dr. LeConte's very lucid original description of *Bryaxis conjuncta* it is evident that this name should be retained for the species which in the ♂ has strongly clavate antennæ, spinous anterior trochanters, etc. In his earlier studies on Pselaphids, Dr. Brendel became aware that there were two species confounded under *B. conjuncta*, but the new species characterized by him as *B. clavata* is precisely identical with *B. conjuncta* Lec., whereas what he supposed to be the true *B. conjuncta* is characterized by him as having, in the ♂, less clavate antennæ and unarmed trochanters. For reasons unknown to me all subsequent writers on Pselaphids, including Dr. LeConte himself, have adopted Brendel's nomenclature. The synonymy of the two species stands as follows:

1. *Bryaxis conjuncta* LeConte, Bost. Journ. Nat. Hist., vol. vi, 85, 1850.
conjuncta var. *clavata* Brendel, Proc. Ent. Soc. Phila., vol. v, 256, 1865.
clavata Brendel, Proc. Ent. Soc. Phila., vol. vi, 193, 1866.
brendelii Horn, Crotch's Check List, 36, 1874.
brendelii LeConte, Trans. Amer. Ent. Soc., vol. viii, 181, 1880.
brendelii Brendel, Bull. Lab. Nat. Hist. Iowa, vol. i, 274, t. 8, f. 47, 1890.
2. *Bryaxis conjuncta* Brendel, Proc. Ent. Soc. Phila., vol. vi, 193, 1866.
conjuncta LeConte, Trans. Amer. Ent. Soc., vol. viii, 181, 1880.
conjuncta Brendel, Bull. Lab. Nat. Hist. Iowa, vol. i, 273, t. 8, f. 46, 1890.

A new name has to be coined for the second species."—E. A. SCHWARZ.

STAPHYLINIDÆ.

- Phytosus.**
 littoralis, 35-331.
- Quedius.**
 debilis, 89-165.
 desertus, 89, 161.
 limbifer, 89-162.
 prostans, 89-165.
 puncticeps, 89-166.
 seriatus, 89-166.
 spelæus, 35-332.
- Xanthopygus.**
 cacti, 20-131.
- Staphylinus.**
 lucanus, 252-362.
 nigrellus, 91-188.
 rutilicauda, 91-196.
 viridanus, 91-196.
- Philonthus.**
 æqualis, 155-205.
 alutaceus, 155-183.
 arizonensis, 155-203.
 asper, 155-185.
 aurulentus, 155-222.
 basalis, 155-187.
 bidentatus, 155-214.
 brevipennis, 155-212.
 bucephalus, 155-184.
 caurinus, 155-203.
 elunalis, 155-213.
 crassulus, 155-213.
 crotchi, 155-203.
 cunctans, 155-205.
 decipiens, 155-217.
 distans, 155-211.
 fallaciosus, 155-212.
 ferreipennis, 155-202.
 filicornis, 155-210.
 gentilis, 155-185.
 gracilicornis, 155-190.
 = incertus *Solsky*.
 grandicollis, 155-193.
 hudsonicus, 155-201.
 innocuus, 155-199.
 instabilis, 155-218.
 inversus, 155-239.
 irinus, 155-186.
 lecontei, 155-222.
 microphthalmus, 155-216.
 nitescens, 155-182.
 occidentalis, 155-200.
 parvus, 155-214.
 perversus, 155-183.
 pettiti, 155-201.
 picicornis, 155-218.
 puberulus, 155-193.
 pubes, 155-192.
 punctatellus, 155-215.
 quadricollis, 155-194.
 = quisquiliarius *Gyll.*
 quadrulus, 155-221.
 quediinus, 155-209.
 schwarzi, 155-201.
 semiruber, 155-187.
 sericinus, 155-182.
 serpentinus, 155-219.
 theveneti, 155-194.
 triangulum, 155-202.
 versutus, 155-211.
 viridanus, 155-221.
 virilis, 155-215.
- Actobius.**
 elegantulus, 155-232.
 fraterculus, 155-226.
 infimus, 155-227.
 inutilis, 155-225.
 jocosus, 155-232.
 jucundus, 155-232.
 loxatus, 155-229.
 nanus, 155-225.
 ocreatus, 155-228.
 parvus, 155-230.
 patella, 155-229.
 puncticeps, 155-230.
 pusio, 155-230.
 senilis, 155-226.
- Cafus.**
 luteipennis, 155-237.
 seminitens, 155-236.
- Cryptobium.**
 anceps, 164-90.
 arizonense, 164-96.
 lecontei, 164-94.
 properum, 164-101.
 vagum, 164-95.
 ventrale, 164-97.
 vitatum, 164-96.

- Ababactus.**
nactus, 164-102 (*Cryptobium*).
- Hypocyptus.**
crotchii, 74-86.
- Anacyptus**, 74-87.
 = *Microcyptus Horn.*
- Microcyptus**, 135-1.
- Trichopsenius**, 74-88.
- Tachinus.**
addendus, 74-97.
agilis, 74-95.
angustatus, 74-95.
canadensis, 74-99.
 = *luridus Er.*
crotchii, 74-101.
debilis, 74-96.
mimus, 74-97.
nitiduloides, 74-102.
parallelus, 74-98.
repandus, 74-96.
schwarzi, 74-100.
scrutator, 74-97.
semirufus, 74-94.
tachyporoides, 74-94.
- Tachyporus.**
californicus, 74-104.
elegans, 74-103.
- Physetoporus**, 74-106.
- Erchomus.**
inflatus, 74-107.
 = *convexus Er.*
- Conosoma.**
bisignatum, 74-110.
 = *bipustulatum Grav.*
castaneum, 74-111.
parvulum, 74-111.
scriptum, 74-112.
- Boletobius.**
anticus, 74-117.
intrusus, 74-115.
quæditor, 74-119.
- Mycetoporus.**
tenuis, 74-122.
- Habrocerus.**
schwarzii, 74-124.
- Oxyporus.**
austrinus, 167-135.
- Asemobius**, 257-238.
cælatus, 257-238.
- Glyptoma.**
brevicristatum, 35-332.
- Eleusis.**
canadensis, 33-299 (*Isomalus*).
 = *nigrellus Lec.*

Sphærius.
politus, 20-132.

SPHÆRIIDÆ.

Scaphisoma.
apicale, 252-363.

SCAPHIDIIDÆ.

peninsulare, 252-363.

Litolibrus.
pictus, 263-374.

PHALACRIDÆ.

Sacium.
hemipterum, 263-373.

CORYLOPHIDÆ.

COCCINELLIDÆ.

- Cryptognatha.**
catalinæ, 255-83.
- Scymnus.**
ardelio, 255-105.
bigemmeus, 255-88.
bisignatus, 255-92.
bivulnerus, 255-92.
caurinus, 255-97.
circumspectus, 255-96.
coloradensis, 255-94.
flebilis, 255-100.
intrusus, 255-92.
liebecki, 255-89.
- opaculus*, 255-96.
semiruber, 255-102.
sordidus, 255-93.
strabus, 255-100.
utilis, 255-107.
- Scymnillus**, 255-110.
aterrimus, 255-110.
- Cephaloscymnus.**
occidentalis, 255-111.
ornatus, 255-112.
- Coccidula.**
occidentalis, 255-114.

ENDOMYCHIDÆ.

- Phymaphora.**
californica, 109-142.
- Xenomycetes**, 109-141.
morrisoni, 109-141.
- Aphorista.**
pallida, 24-96 (*Mycetina*).
- Mycetina.**
limbata, 24-96.
- Epipocus.**
unicolor, 24-96.

EROTYLIDÆ.

- Languria.**
convexicollis, 20-140.
divisa, 167-139.
uhleri, 5-188.
= var. of *angustata Beauv.*
- Tritoma.**
aulica, 35-343 (*Triplax*).
= var. of *humeralis Fab.*
frontalis, 5-188 (*Triplax*).
- Dacne.**
californica 24-97 (*Engis*).

COLYDIIDÆ.

- Rhagodera.**
costata, 10-295.
- Synchita.**
dentata, 167-139.
obscura, 167-140.
- Cicones.**
lineaticollis, 82-564.
- Ditoma.**
quadricollis, 167-140.
- Endophlæus.**
nosodermoides, 82-567.
- Phlæonemus.**
catenulatus, 82-568.
- Coxelus.**
pacificus, 82-569.
serratus, 167-142.
- Lasconotus.**
borealis, 82-570.
servus, 167-141.
vegrandis, 167-140.
- Deretaphrus.**
oregonensis, 41-146.
- Sosylus.**
dentiger, 82-582.
- Bothrideres.**
montanus, 82-587.

CRYPTOPHAGIDÆ.

Tomarus.

bisignatus, 257-239.

MYCETOPHAGIDÆ.

Mycetophagus.

californicus, 83-604.
confusus, 83-605.
tenuifasciatus, 83-604.

Diplocœlus.

angusticollis, 83-605.

DERMESTIDÆ.

Perimegatoma, 63-135.

falsum, 63-136.

variegatum, 63-136.

HISTERIDÆ.

Hister.

æneomicans, 48-295.
arizonæ, 28-134.
= ulkei, *Horn.*
aurelianus, 48-297.
gentilis, 143-285.
gloveri, 28-135.
guttifer, 5-187 (*Margarinotus*).
lucanus, 48-283.
militaris, 28-135.
ulkei, 28-134.

Tribalister, 48-299.

Tribalus.

californicus, 28-137.

Epiërus.

nasutus, 48-301.

Hetærius.

californicus, 28-137.
tristriatus, 56-21.

Ulkeus, 167-142.

intricatus, 167-143.

Echinodes.

decipiens, 143-286.

Onthophilus.

lecontei, 28-138.

Dendrophilus.

californicus, 241-46.

Paromalus.

difficilis, 56-21.
mimeticus, 48-308.
tejonicus, 48-309.

Anapleus, 48-311.

Saprinus.

æneipunctatus, 35-333.
æquipunctatus, 28-140.
behrensii, 48-315.
copei, 48-320.
floridæ, 48-318.
opacus, 252-364.
waccensis, 48-331.

Plegaderus.

consors, 48-350.
fraternus, 28-141.
nitidus, 28-141.

Tereetrius.

levatus, 252-365.
montanus, 109-143.
placitus, 109-143.

Teretriosoma, 48-347.

chalybæum, 48-347.

Acritus.

arizonæ, 48-353.
sallei, 48-355.

Aeletes, 48-356.

NITIDULIDÆ.

Anthonæus, 99-273.

Carpophilus.

decipiens, 99-279.

Epuræa.

fulvescens, 99-296.

integra, 99-292.

ovata, 99-298.

peltoides, 99-298.

scaphoides, 99-300.

umbrosa, 99-300.

Nitidula.

inornata, 99-303.

= var. of *ziczac* *Say*.

Perthalykra, 99-309.

murrayi, 99-310.

Pocadius.

dorsalis, 99-311.

= *fulvipennis* *Er*.

Orthopeplus, 99-311.

quadricollis, 99-312.

Meligethes.

pinguis, 99-314.

Amphicrosus.

niger, 99-317.

Cychramus.

zimmermanni, 99-319.

Cybocephalus.

californicus, 99-320.

Pityophagus.

rufipennis, 41-146.

verticalis, 99-325.

Rhizophagus.

brunneus, 83-608.

LATRIDIIDÆ.

Dasycerus.

angulicollis, 138-117.

carolinensis, 138-117.

Monœdus, 138-116.

TROGOSTIDÆ.

Tenebrioides.

californica, 4-83 (*Trogosita*).

= var. of *sinuata* *Lec*.

crassicornis, 4-83 (*Trogosita*).

= var. of *mauritanica* *Linné*.

cucujiformis, 4-86 (*Trogosita*).

= var. of *marginata* *Beauv*.

intermedia, 4-84 (*Trogosita*).

= var. of *corticalis* *Melsh*.

laticollis, 4-86 (*Trogosita*).

= var. of *castanea* *Melsh*.

nigrita, 4-86 (*Trogosita*).

= var. of *castanea* *Melsh*.

nitida, 4-83 (*Trogosita*).

= var. of *mauritanica* *Linné*.

obscura, 4-87 (*Trogosita*).

= var. of *castanea* *Melsh*.

obtusa, 4-87 (*Trogosita*).

pleuralis, 4-84 (*Trogosita*).

rugosipennis, 4-87 (*Trogosita*).

semicylindrica, 4-85 (*Trogosita*).

MONOTOMIDÆ.

Monotoma.

texana, 98-261.

Europs.

longicollis, 98-264.

Bactridium.

cavicolle, 98-267.

fryi, 98-265.

BYRRHIDÆ.

Nosodendron.

californicum, 56-22.

Byrrhus.

pettiti, 24-76.

PARNIDÆ.

- | | |
|-----------------------------|---------------------------------|
| Psephenus. | <i>quadrimaculatus</i> , 22-37. |
| <i>haldemani</i> , 22-30. | <i>similis</i> , 22-38. |
| Elmis. | Stenelmis. |
| <i>abnormis</i> , 22-38. | <i>quadrimaculatus</i> , 22-40. |
| <i>ferrugineus</i> , 22-39. | Macronychus. |
| <i>glaber</i> , 22-37. | <i>parvulus</i> , 22-41. |
| <i>mœstus</i> , 22-37. | |

HETEROCERIDÆ.

- | | |
|--------------------------|---------------------------|
| Heterocerus. | |
| <i>gemmatus</i> , 215-9. | <i>schwarzi</i> , 215-11. |

DASCYLLIDÆ.

- | | |
|-------------------------------|----------------------------------|
| Macropogon. | Ptilodactyla. |
| <i>rufipes</i> , 107-79. | <i>angustata</i> , 107-91. |
| Eurypogon. | Dicranopselaphus. |
| <i>californicus</i> , 107-80. | <i>variegatus</i> , 107-97. |
| Allopogon , 107-80. | Acneus , 107-97. |
| <i>villosus</i> , 107-80. | <i>quadrimaculatus</i> , 107-98. |
| Dascyllus. | Helodes. |
| <i>plumbeus</i> , 107-84. | <i>maculicollis</i> , 107-104. |
| Anorus. | Scirtes. |
| <i>parvicollis</i> , 252-365. | <i>humeralis</i> , 257-240. |
| Anchyceteis , 107-87. | Cyphon. |
| <i>velutina</i> , 107-87. | <i>exiguus</i> , 107-107. |
| | Placonycha , 107-111. |

ELATERIDÆ.

- | | |
|-----------------------------------|-------------------------------|
| Melasis. | Dromæolus. |
| <i>rufipennis</i> , 181-7. | <i>harringtoni</i> , 181-21. |
| Isorhipis. | <i>mœrens</i> , 227-219. |
| <i>holosericea</i> , 227-214. | <i>nitens</i> , 181-19. |
| <i>vagans</i> , 227-214. | <i>ornatulus</i> , 227-220. |
| Gastraulacus. | <i>properus</i> , 227-220. |
| <i>cavifrons</i> , 227-215. | <i>pusillus</i> , 181-23. |
| Idiotarsus. | <i>pusio</i> , 227-221. |
| <i>estriatus</i> , 227-215. | <i>senilis</i> , 227-219. |
| Pœcilochnus. | <i>suturalis</i> , 227-222. |
| <i>errans</i> , 181-13 (Stethon). | <i>tetricus</i> , 227-223. |
| <i>fractus</i> , 227-216. | <i>tripartitus</i> , 227-221. |
| Eucnemis | <i>vanus</i> , 227-222. |
| <i>americana</i> , 181-14. | Phænocerus. |
| | <i>americanus</i> , 41-147. |

- Phænobolus**, 227-224.
bicolor, 227-224.
- Eurachis**, 227-224.
elegans, 227-225.
- Fornax**.
adjectus, 227-230.
atripennis, 227-227.
carinifrons, 227-230.
castaneipennis, 227-228.
infelix, 181-27.
insitus, 227-231.
sceleratus, 227-229.
truncatus, 227-229.
- Plesiofornax**.
badius, 227-237.
elongatus, 227-237.
glandifer, 227-236.
imperitus, 227-237.
inutilis, 227-236.
longicornis, 227-235.
opaculus, 227-236.
paganus, 227-235.
pectoralis, 227-234.
puellus, 227-238.
- Dyscolotaxia**, 227-238.
championi, 227-239.
- Diphytaxis**, 227-239.
excavata, 227-240.
- Henecosoma**, 227-240.
discicolle, 227-240.
- Emathion**.
intrusus, 227-241.
- Nematodes**.
pavidus, 181-43.
teres, 181-43.
- Trigonopleurus**.
alienus, 227-243.
- Diapodius**.
bicolor, 227-244.
- Phlegon**.
ulkei, 181-48.
viduus, 227-244.
- Palæoxenus**, 232-40.
dohrnii, 80-54 (Cryptostoma).
- Xylobius**.
cylindriformis, 35-341.
- Entomophthalmus**.
asper, 227-246.
- Microrhagus**.
audax, 181-32.
bonvouloiri, 181-35.
elatus, 227-251.
frænatus, 227-249.
insidiosus, 227-251.
intrusus, 227-249.
maculicollis, 227-250.
marcidus, 227-250.
protractus, 227-250.
repandus, 227-248.
ruficeps, 227-249.
sepositus, 227-248.
thoracicus, 227-252.
- Farsus**.
oblitus, 227-253.
- Adelothyreus**.
comes, 227-254.
- Adelorrhagus**, 227-254.
lateralis, 227-255.
- Pterotarsus**.
inornatus, 227-256.
= var. of *histrion* Guér.
- Thylacosternus**.
donatus, 227-257.
- Lacon**.
illimis, 252-366.
- Meristhus**.
cristatus, 34-299.
texanus, 34-300.
= *scobinula* Candz.
- Cardiophorus**.
æneus, 34-301.
edwardsii, 31-301.
mimeticus, 41-147.
= *edwardsii* Horn.
togatus, 34-301.
- Coptostethus**.
?americanus, 34-303.

Horistocnotus.

- basalis, 159-36.
- definitus, 34-302.
- gracilis, 159-39.
- mitis, 159-40.
- pullatus, 159-35.
- uhlerii, 34-302.
- vulneratus, 159-35.

Esthesopus.

- bicolor, 56-22.
- dispersus, 159-43.
- parcus, 159-42.
- præditus, 159-42.
- pusio, 159-43.

Aptopus.

- peregrinus, 159-44.

Hypnoidus.

- æstivus, 34-304 (Cryptohypnus).
- caurinus, 231-20 (Cryptohypnus).
- colon, 34-305 (Cryptohypnus).
= var. of ornatus *Lec.*
- cucullatus, 231-17 (Cryptohypnus).
- delumbis, 231-14 (Cryptohypnus).
- dispersus, 231-20 (Cryptohypnus).
- dubius, 34-305 (Cryptohypnus).
- gradarius, 231-21 (Cryptohypnus).
- melsheimeri, 231-19 (Cryptohypnus).
- mœrens, 231-17 (Cryptohypnus).
= var. of ornatus *Lec.*
- perplexus, 34-304 (Cryptohypnus).

Cryptohypnus.

- sanborni, 34-303.

Anthracoptyryx, 231-30.

- hiemalis, 231-31.

Anchastus.

- desertus, 34-311.
= bicolor, *Lec.*
- frontalis, 159-49.
- sericeus, 34-311.

Monocrepidius.

- mutuus, 34-312.
= athoides *Lec.*
- robustus, 34-311.

Elater.

- atripennis, 34-306.
- behrensii, 34-306.
- cordatus, 34-306.
- phelpsii, 56-22.

Elatrinus, 34-307.

- anthrax, 34-307.

Drasterius.

- grandicollis, 34-308.
- marginicollis, 34-308.
= elegans *Fabr.*

Megapenthes.

- aterrimus, 34-309.
- elegans, 34-310.
- quadrifasciatus, 34-313 (Limonius).
- rogersii, 34-310.

Ludius.

- lecontei, 34-313.
- pinguis, 159-47.

Agriotes.

- thevenetii, 41-148.

Glyphonyx.

- mimeticus, 56-23.

Melanotus.

- cribricollis, 34-314 (Limonius).
= longulus *Lec.*

Limonius.

- crotchii, 41-148.
- nitidulus, 34-315.
- ulkei, 34-314.
= mirus *Lec.*

Athous.

- axillaris, 34-316.
- flavangularis, 34-317.
= acanthus *Say.*

Leptoschema, 159-50.

- protractum, 34-317 (Agriotes).

Oestodes.

- puncticollis, 56-24.

Corymbites.

- breweri, 34-321.
- copei, 34-319.
- edwardsii, 34-324.
= var. of cruciatus *Linne.*
- limoniiformis, 34-320.
- longicornis, 24-79.
- monticola, 34-319.
- obversus, 34-322.
- præses, 34-321.
= conjungens *Lec.*
- pruininus, 34-320.
- xanthomus, 34-319.

Oxygonus.

ater, 34-318.

Eniconyx, 159-51.

gracilis, 159-52.

pullatus, 159-52.

Aplastus.

angusticollis, 56-25.

corymbitoides, 56-25.

molestus, 56-27.

tenuiformis, 56-25.

Plastocerus.

macer, 127-79.

= var. of *schaumii* Lec.

Cebrio.

estriatus, 127-83.

Scaptolenus.

ocreatus, 127-84.

THROSCIDÆ.**Lissomus.**

inopinatus, 227-197.

pilarius, 227-196.

rufocastaneus, 227-197.

= var. of *bicolor* Chev.

rufotestaceus, 227-196.

= var. of *pilarius* Horn.

trapezoides, 227-196.

Drapetes.

apicalis, 227-201.

= var. of *sellatus* Bonv.

aterrimus, 227-200.

castaneipennis, 227-201.

= var. of *sellatus* Bonv.

cingulatus, 227-202.

hæmorrhoidalis, 227-206.

marginicollis, 227-205.

ovalis, 227-206.

punctulatus, 227-205.

pusillus, 227-206.

quadrinotatus, 227-204.

quadrinotatus, 227-204.

semicinctus, 227-202.

tæniolatus, 227-203.

Throscus.

auctus, 227-207.

debilis, 170-205.

mendax, 170-203.

sejunctus, 170-204.

trivialis, 227-208.

Aulonothroscus, 227-208.

convergens, 170-202 (*Throscus*).

fraternus, 227-209.

gradatus, 227-209.

invisus, 170-201 (*Throscus*).

pugnax, 170-202 (*Throscus*).

BUPRESTIDÆ.**Gyascutus.**

carolinensis, 143-288.

cuneatus, 20-133.

Hippomelas.

californicus, 63-147 (*Gyascutus*).

Agæocera.

gentilis, 167-144 (*Halecia*).

Chalcophora.

fulleri, 63-147.

Buprestis.

connexa, 63-148.

Melanophila.

intrusa, 137-105.

obtusa, 137-106.

Chrysobothris.

axillaris, 182-75.

bicolor, 252-366.

blanchardi, 182-93.

caurina, 182-92.

chalcophoroides, 182-110.

cyarella, 182-102.

deserta, 182-100.

dolata, 182-87.

edwardsii, 182-74.

humilis, 182-102.

ignicollis, 167-145.

libonoti, 182-108.

lixa, 182-101.

lucana, 252-367.

ludificata, 182-88.
 mali, 182-97.
 merkelii, 182-106.
 nixa, 182-98.
 prasina, 182-118.
 purpureovittata, 182-76.
 speculifer, 182-83.
 viridicyanea, 182-84.

Actenodes.

mendax, 232-46.

Glyptoscelimorpha, 245-137.

marmorata, 245-137.

Schizopus.

sallei, 167-145.

Thrincopyge.

lætifica, 167-146.

Acmæodera.

alacris, 77-25.
 amabilis, 77-7.
 arizonæ, 77-19.
 = var. of pulchella *Hbst.*
 bivulnerea, 252-371.
 clausa, 252-374.
 consors, 77-20.
 cribricollis, 252-375.
 delumbis, 252-378.
 dohrni, 77-15.
 flavosticta, 77-15.
 gemina, 77-23.
 immaculata, 77-19.
 = var. of pulchella *Hbst.*
 insignis, 252-377.
 lanata, 109-148.
 macra, 77-8.
 maculifera, 252-372.
 mariposa, 77-22.
 miliaris, 77-10.

nebulosa, 252-376.
 obtusa, 77-19.
 plagiaticauda, 77-10.
 pubiventris, 77-9.
 quadrivittata, 24-79.
 robusta, 77-9.
 scapularis, 252-369.
 sparsa, 77-11.
 stigmata, 252-370.
 tuta, 77-11.
 versuta, 77-21.

Tyndaris.

cineta, 167-147.

Agrilus.

abditus, 233-332.
 abductus, 233-325.
 abjectus, 233-321.
 abstersus, 233-324.
 angelicus, 233-298.
 audax, 233-300.
 blanchardi, 233-305.
 blandus, 233-321.
 concinnus, 233-310.
 coryli, 233-297.
 = var. of arcuatus *Say.*
 crinicornis, 233-294.
 felix, 233-326.
 impexus, 233-327.
 ineptus, 252-378.
 jacobinus, 233-314.
 masculinus, 233-295.
 nevadensis, 233-303.
 niveiventris, 233-304.
 obtusus, 233-288.
 ornatulus, 233-319.
 palmacollis, 233-326.
 pensus, 233-305.
 scitulus, 233-318.
 ventralis, 233-320.

LAMPYRIDÆ.

Plateros.

sanguinicollis, 252-379.

Lycaina.

discoidalis, 167-150.

Phengodes.

picicollis, 232-40.

Zarhipis.

riversi, 167-148.

Mastinocerus.

opaculus, 257-241.

Telegeusis, 257-242.

debilis, 257-243.

Chauliognathus.
 ineptus, 167-150.
 misellus, 167-150.

Telephorus.
 decipiens, 252-380.

Polemius.
 languidus, 252-380.

Malthodes.
 lucanus, 257-240.

MALACHIDÆ.

Collops.
 laticollis, 24-83.
 pulchellus, 24-83.
 validus, 24-82.

Temnopsophus, 38-111.
 bimaculatus, 38-111.

Trophimus, 24-84.
 æneipennis, 24-85.

Malachus.
 biguttulus, 24-87.
 macer, 56-27.
 mixtus, 38-113.
 spinipennis, 56-27.
 thevenetii, 56-28.
 ulkei, 38-114.

Microlipus.
 lævicollis, 38-116.

Anthocomus.
 ventralis, 38-118.

Pseudebæus, 38-118.

Attalus.
 elegans, 24-86.
 = trimaculatus *Mots.*
 nigripes, 24-85.
 oregonensis, 38-122.
 parallelus, 38-124.
 pettiti, 38-124.
 rostratus, 38-121.
 rufiventris, 38-125.
 setosus, 252-381.
 unicolor, 252-381.
 varians, 38-123.

Dolichosoma.
 tenuiforme, 109-150.

Mecomyceter, 138-125.
 omalinus, 138-126.

CLERIDÆ.

Cymatodera.
 belfragei, 68-226.
 californica, 20-134.
 fallax, 167-153.
 = balteata *Lec.*
 gigantea, 109-148.
 = hopei *Gray.*
 oblita, 68-227.
 purpuricollis, 252-381.
 sirpata, 167-152.
 turbata, 167-151.
 xanti, 68-222.

Trogodendron.
 edwardsii, 109-149.

Trichodes.
 illustris, 68-231.
 peninsularis, 252-382.
 simulator, 109-149.

Clerus.
 ocreatus, 167-154.

Thanasimus.
 repandus, 35-342 (Clerus).

Hydnocera.
 albocincta, 35-342.
 omogera, 252-383.
 robusta, 20-135.

Phyllobænus.
 merkeli, 263-374.

Chariessa.
 elegans, 24-87.

Enoplum.
 humerale, 20-135.

PTINIDÆ.

- Xestobium.**
elegans, 252-384.
- Ctenobium.**
cinereum, 252-385.
- Trichodesma.**
sellata, 252-386.
sordida, 252-387.
- Trypopytys.**
tenuilineata, 252-389.
- Petalium.**
brunneum, 263-375.
- Hemiptychus.**
estriatus, 252-390.
robustus, 252-391.
- Sinoxylon.**
bidentatum, 81-544.
dinoderoides, 81-543.
floridanum, 167-155.
- simplex*, 167-155.
suturale, 81-544.
texanum, 81-543.
- Tetrapriocera**, 81-544.
schwarzi, 81-545.
 = *longicornis* *Oliv.*
- Bostrychus.**
californicus, 81-546.
- Dinapate**, 180-1.
wrightii, 180-2.
- Amphicerus.**
teres, 81-548.
- Dinoderus.**
brevis, 81-550.
truncatus, 81-550.
- Psoa.**
quadrisignata, 20-135 (*Acrepis*).

CIOIDÆ.

- Ceracis.**
similis, 252-391.
- Rhipidandrus.**
peninsularis, 252-392.

SCARABÆIDÆ.

- Canthon.**
humeralis, 23-46.
 = var. of *simplex* *Lec.*
militaris, 23-46.
 = var. of *simplex* *Lec.*
obliquus, 252-393.
- Chœridium.**
 * ? *ebeninum*, 70-244.
- Phanæus.**
 * *antiquus*, 70-245.
- Onthophagus.**
brevifrons, 131-76.
coproides, 131-75.
cribricollis, 131-76.
velutinus, 63-140.
- Oniticellus.**
californicus, 138-118.
- Aegialia.**
blanchardi, 190-102.
conferta, 32-294.
opifex, 190-104.
pusilla, 190-102.
rufescens, 190-100.
- Psammodius.**
bidens, 32-293.
hydropicus, 190-97.
quinqueplicatus, 32-292.
- Pleurophorus.**
ventralis, 190-92.
- Rhyssemus.**
californicus, 32-290.
riparius, 32-290.
- Atænius.**
californicus, 190-84.
cylindricus, 32-289.

- desertus, 32-289.
 hirsutus, 32-288.
 inops, 190-73.
 inquisitus, 190-81.
 insculptus, 190-70.
 læviventris, 190-74.
 lobatus, 32-287.
 lucanus, 32-288.
 oblongus, 32-286.
 ovatulus, 32-286.
 robustus, 32-285.
 socialis, 32-287.
 wenzelii, 190-77.
- Dialytes.**
 ulkei, 63-141.
- Oxyomus.**
 opacifrons, 32-284.
 = *sylvestris Scop.*
- Aphodius.**
 acerbus, 190-56.
 ægrotus, 27-127.
 æmulus, 190-38.
 alternatus, 27-129.
 coloradensis, 27-130.
 consociatus, 190-21.
 conspersus, 190-9.
 crassulus, 27-118.
 decipiens, 190-28.
 gentilis, 190-24.
 haldemani, 190-33.
 inutilis, 190-50.
 larreæ, 190-41.
 lentus, 27-125.
 leopardus, 27-124.
 luteolus, 190-40.
 luxatus, 190-46.
 nanus, 190-55.
 nevadensis, 27-121.
 occidentalis, 27-114.
 = *hamatus Say.*
 ochreipennis, 32-295.
 ovipennis, 27-133.
 parvus, 190-42.
 phalerioides, 27-131.
 politus, 27-128. ||
 = *haldemani Horn.*
 *precursor, 70-245.
 pumilus, 190-50.
- rubiginosus, 27-127.
 rubripennis, 27-132.
 rugifrons, 32-295.
 stupidus, 27-125.
 tenuistriatus, 190-60.
 torpidus, 27-114.
 = *hamatus Say.*
 validus, 27-112.
 vestiarius, 27-121.
 walshii, 27-132.
- Ochodæus.**
 californicus, 259-244.
 peninsularis, 257-244.
 ulkei, 64-182.
- Phæochrous.**
 ? *behrensii*, 15-163.
- Amechanus,** 23-48.
 = *Bradycinetus Horn.*
- Bradycinetus,** 35-334.
- Geotrupes.**
 jekelii, 16-317.
 = var. of *blackburnii Fabr.*
 mixtus, 16-316.
 = var. of *splendidus Fabr.*
 occidentalis, 109-144.
- Pleocoma.**
 conjungens, 196-7; 198-234.
 rickseckeri, 196-5; 198-234.
 ulkei, 196-9; 198-234.
- Trox.**
 gemmulatus, 54-8.
- Glaresis.**
 inducta, 166-117.
 mendica, 166-117.
- Amphicoma.**
 canina, 15-164 (*Lichnanthe*).
 cooperi, 15-164 (*Dasydera*).
 = *ursina Lec.*
 edwardsi, 24-77 (*Lichnanthe*).
- Oncerus.**
 convergens, 252-394.
- Acratus,** 15-165.
 = *Chnaunanthus Burm.*
- Chnaunanthus.**
 flavipennis, 15-166 (*Acratus*).
 palmeri, 252-393.

Dichelonycha.

- canadensis, 64-188.
- clypeata, 64-190.
- crotchii, 64-189.
- picea, 252-396.

Cœnonycha, 64-192.

- ovipennis, 64-193.
- socialis, 64-192.

Serica.

- elongatula, 24-77.
- pilifera, 252-397.

Macroductylus.

- uniformis, 64-185.

Plectrodes, 15-166

- palpalis, 109-146.
- pubescens, 15-167.

Diplotaxis.

- punctulata, 252-397.

Lachnosterna.

- æmula, 193-271.
- affabilis, 193-283.
- areta, 193-271.
- barda, 193-248.
- bipartita, 193-242.
- boops, 193-284.
- clemens, 193-227.
- clypeata, 192-145; 193-283.
- delata, 193-267.
- ecostata, 193-284.
- exorata, 193-278.
- fucata, 193-278.
- generosa, 193-222.
- hamata, 193-220.
- heterodoxa, 193-289.
- hirtiventris, 193-231.
- ignava, 193-280.
- implicita, 193-262.
- inepta, 193-282.
- infidelis, 193-253.
- inversa, 193-241.
- lenis, 193-287.
- limula, 193-264.
- luctuosa, 193-254.
- politula, 193-248.
- postrema, 193-233.
- prætermissa, 193-223.
- scitula, 193-250.

- spretta, 193-251.

- tusa, 193-290.

- vehemens, 193-244.

- vetula, 193-274.

Phytalus.

- cephalicus, 166-120.

- debilis, 166-122.

- georgianus, 166-122.

- pallidus, 166-121.

- robustus, 166-120.

- vexatus, 166-121.

Listrochelus.

- carminator, 252-398.

- disparilis, 88-141.

- flavipennis, 166-123.

- gracilis, 166-123.

- opacicollis, 88-145.

- senex, 88-148.

- sociatus, 88-146.

- timidus, 88-146.

Polyphylla.

- gracilis, 126-75.

Anomala.

- oblivia, 153-163.

Plusiotis.

- lecontei, 138-120.

- woodii, 166-124.

Macropnus, 7-397.

- crassipes, 7-397.

Cotalpa.

- consobrina, 35-337.

- flavida, 80-53.

- ursina, 15-168.

Cyclocephala.

- elegans, 35-337.

- = dimidiata *Burm.*

Chiroplatys.

- ligyroides, 166-125 (*Orizabus*).

- = clunalis *Lec.*

- snowii, 166-124 (*Orizabus*).

- = clunalis *Lec.*

Dynastes.

- grantii, 24-78.

- Euphoria.**
 æstuaosa, 105-400.
 devulsa, 105-402.
 hirtipes, 105-401.
 verticalis, 105-400.
- Cremastochilus.**
 depressus, 35-340.
 = planatus *Lec.*
 ineptus, 166-127.
 opaculus, 252-399.
 pilosicollis, 35-341.
- planipes, 166-127.
 spinifer, 166-126.
 westwoodi, 104-389.
- Osmoderma.**
 socialis, 35-338.
 = eremita *Scop.*
- Trichius.**
 texanus, 64-195.
- Valgus.**
 californicus, 24-78.

CERAMBYCIDÆ.

- Euryoptera**, 1-571.
 = *Rhopalopus Muls.*
- Rhopalopus.**
 sanguinicollis, 1-571 (*Euryoptera*).
- Oeme.**
 strangulata, 108-138.
 striangulata, 108-133.
 err. typ. pro strangulata *Horn.*
- Hypexilis**, 169-173.
 pallida, 169-173.
- Gracilia.**
 obliquata, 169-174.
- Eburia.**
 conspersa, 252-399.
- Romaleum.**
 seminitidum, 177-130.
- Aneflus.**
 calvatus, 177-132.
- Pœcilobrium**, 142-291; 146-11.
- Acyphoderes.**
 delicatus, 252-400.
- Rhopalophora.**
 bicincta, 257-245.
- Metaleptus.**
 batesi, 169-174.
- Aethecerus.**
 latecinctus, 108-134.
 wilsonii, 1-570 (*Arhopalus*).
- Oxoplus.**
 jocosus, 169-175.
- Sphænothecus.**
 basalis, 252-401.
- Stenosphenus.**
 debilis, 169-179.
 dolosus, 169-179.
 lepidus, 169-179.
 novatus, 169-178.
- Xylotrechus.**
 nitidus, 1-570 (*Clytus*).
- Agalissus.**
 chamæropis, 245-138.
- Desmocerus.**
 californicus, 125-7.
 cribripennis, 125-8.
- Typocerus.**
 balteatus, 80-55.
- Leptura.**
 aurata, 1-570.
 nitidicollis, 1-570.
 = vibex *Newm.*
- Ophistomis.**
 ventralis, 252-401.
- Monilema.**
 spoliatum, 169-186.
 ulkei, 169-188.
- Acanthoderes.**
 peninsularis, 108-116.
- Cœnopœus**, 108-117.
 niger, 252-402.

Leptostylus.
 nebulosus, 108-122.
 terræcolor, 108-122.

Liopus.
 wiltii, 108-124.

Peritapnia, 252-402.
 fabra, 252-404.

Urographis, 108-128.

Lypsimena.
 californica, 169-194.

Oncideres.
 texana, 169-195.

Aegilopsis, 1-571.
 = *Dorcasta Pasc.*

Dorcasta.
 cinerea, 1-571 (*Aegilopsis*).

Sicyobius, 108-137.
 brousii, 108-137.

Mecas.
 ruficollis, 79-44.

Oberea.
 texana, 79-47.

Tetraopes.
 collaris, 79-49.
 elegans, 252-404.
 texanus, 79-49.
 = var. of *quinquemaculatus Hald.*

Idcemea, 108-137.
 fulleri, 108-138.

Dysphaga.
 bicolor, 169-196.
 debilis, 257-246.

CHRYSOMELIDÆ.

Aulacoscelis.
 purpurea, 241-46.

Syneta.
 hamata, 244-153.

Lema.
 æmula, 252-406.
 flavida, 252-405.
 omogera, 252-405.
 = *confusa Chevrr.*

Euryscopa.
 pusilla, 236-16.
 subtilis, 236-17.

Coscinoptera.
 seminuda, 236-13.

Saxinis.
 politula, 236-10.
 speculifera, 236-10.

Oomorplus.
 floridanus, 244-133.

Fidia.
 cana, 243-199.

Colaspoides.
 opacicollis, 243-229.
 violaceipennis, 243-229.
 viridimicans, 243-230.

Metachroma.
 æneicolle, 243-211.
 aterrimum, 243-214.
 longulum, 243-212.
 parallelum, 243-217.
 terminale, 243-215.

Metacolaspis, 257-247.
 conspersa, 257-248.

Eumolpus.
 robustus, 167-156 (*Chrysochus*).

Tymnes.
 violaceus, 243-222.

Colaspis.
 mœsta, 257-243.

Metaxyonycha.
 circumcineta, 243-228.

Nodonota.
 clypealis, 243-231.

Doryphora.
 peninsularis, 252-407 (*Myocoryna*).

Halticidea, 244-61.
 delata, 244-63.
 modesta, 244-62.
 placida, 244-62.

- Trirhabda.**
 caduca, 244-69.
 diducta, 244-70.
 geminata, 244-68.
- Triarius.**
 trivittatus, 244-88.
- Diabrotica.**
 filicornis, 244-94.
 picticornis, 244-91.
- Phyllobrotica.**
 costipennis, 244-99.
 nigripes, 244-102.
 sororia, 263-378.
 vittata, 244-100.
- Scelolyperus.**
 cyanellus, 257-251.
 decipiens, 244-106.
 flaviceps, 244-103.
 loripes, 244-104.
 schwarzii, 244-105.
- Trachyscelida, 244-107.**
- Luperodes.**
 atriceps, 244-112.
 histrio, 257-250.
 laticeps, 244-114.
 spretus, 244-117.
 texanus, 244-113.
 transitus, 244-113.
 wickhami, 244-114.
- Malacosoma.**
 vittipenne, 244-123.
- Phyllethrus.**
 parallelus, 244-126.
 schwarzi, 263-377.
 subsulcatus, 244-126.
- Andrector, 41-152.**
 sexpunctatus, 41-152.
- Blepharida.**
 atripennis, 257-249.
- Pseudolampsis, 207-174.**
- Oedionychis.**
 æmula, 207-185.
 flavida, 207-190.
- jacobiana*, 207-189.
 tenuilineata, 207-186.
 ulkei, 207-188.
- Phydanis, 207-198.**
 bicolor, 207-199.
- Disonycha.**
 politula, 207-211.
 tenuicornis, 207-208.
 varicornis, 207-210.
- Hemiphrynus, 207-212.**
- Haltica.**
 amœna, 207-225.
 floridana, 207-230.
 marevagans, 207-226.
 opulenta, 207-230.
 vicaria, 207-222.
- Diphaulaca.**
 bicolorata, 207-234.
- Hemiglyptus, 207-237.**
- Crepidodera.**
 longula, 207-240.
 nitens, 207-243.
 peninsularis, 257-249.
- Epitrix.**
 flavotestacea, 252-407.
- Orthaltica.**
 melina, 207-249.
- Leptotrix, 207-249.**
- Chætocnema.**
 æmula, 207-261.
 brunnescens, 207-259.
 dispar, 207-267.
 ectypa, 207-265.
 opulenta, 207-264.
 perturbata, 207-257.
- Dysphenges, 252-408.**
 elongatulus, 252-409.
- Longitarsus.**
 bicolor, 207-282.
 bicolor || 252-409.
 = hornii nom. nov.*

* A new name proposed for the apterous species from Margarita Island named *L. bicolor* (1894), unmindful of the winged species from New Mexico previously (1889) given the same name.

erro, 207-284.
 heliophyti, 207-278.
 insolens, 207-286.
 montivagus, 207-283.
 occidentalis, 207-282.
 oregonensis, 207-280.
 perforatus, 207-286.
 postremus, 207-280.
 pygmæus, 207-284.
 rufescens, 207-285.
 solidaginis, 207-286.
 traductus, 207-280.
 turbatus, 207-279.
 vanus, 207-282.

Glyptina.

atriventris, 207-292.
 bicolor, 207-289.
 brunnea, 207-291.
 nivalis, 207-290.

Phyllotreta.

decipiens, 207-298.
 denticornis, 207-297.
 pusilla, 207-302.
 ulkei, 207-298.

Aphthona.

socia, 207-304.

Dibolia.

libonoti, 207-308.
 sinuata, 207-307.

Psylliodes.

elegans, 207-311.
 sublævis, 207-312.

Microrhopala.

dimidiata, 143-292.
 montana, 143-294.
 vulnerata, 143-292.

Odontota.

californica, 143-297.
 gracilis, 143-298.

Charistena.

perspicua, 143-298.

Octotoma.

marginicollis, 143-300.

Stenopodius, 143-301.

flavidus, 143-301.

BRUCHIDÆ.

Caryoborus.

veseyi, 45-313.

Bruchus.

alboscuteclatus, 45-334.
 amicus, 45-337.
 aureolus, 45-329.
 bisignatus, 45-334.
 bivulneratus, 45-325.
 calvus, 45-336.
 cruentatus, 45-325.
 discolor, 45-326.
 distinguendus, 45-336.
 exiguus, 45-341.
 floridæ, 45-332.
 = lividus *Lec.*
 fraterculus, 45-336.
 impiger, 45-323.
 = ramicornis *Boh.*
 inornatus, 45-333.
 julianus, 252-410.
 limbatus, 45-326.

longistilus, 45-339.
 macrocerus, 45-342.
 mixtus, 45-340.
 nigrinus, 45-327.
 pectoralis, 45-333.
 perforatus, 45-335.
 placidus, 45-341.
 protractus, 45-332.
 pruininus, 45-327.
 schrankiæ, 45-339.
 seminulum, 45-342.
 sordidus, 45-319.
 ulkei, 45-324.

Zabrotes, 167-156.

cruciger, 167-157.
 densus, 167-158.
 obliteratedus, 167-158.
 planifrons, 167-158.
 semicinctus, 251-411 (*Spermophagus*).
 spectabilis, 167-157.
 subnitens, 167-158.

TENEBRIONIDÆ.

- Triorophus.**
subpubescens, 30-259.
- Stibia,** 30-260.
hispidula, 56-29.
ovipennis, 56-28.
puncticollis, 30-260.
- Triphalus.**
cribricollis, 257-251.
- Trimytis.**
obtusa, 252-412.
pulverea, 30-261.
- Concæcus,** 167-159.
ovipennis, 167-159.
- Eurymetopon.**
bicolor, 30-268.
sodalis, 30-268.
- Emmenastus.**
acutus, 30-270.
subopacus, 30-269.
- Emmenastrichus,** 252-413.
cribratus, 252-413.
erosus, 252-414.
- Epitragus.**
dentiger, 30-265.
pruinus, 30-264.
- Chilometopon,** 56-31.
abnorme, 30-261 (Trimytis).
helopioides, 56-31.
- Cnemosus,** 30-266.
testaceus, 30-266.
- Zopherus.**
elegans, 30-272.
gracilis, 14-162.
granicollis, 167-160.
guttulatus, 14-160.
opacus, 14-161.
- Noserus.**
emarginatus, 80-55.
- Dacoderus.**
dominicensis, 67-219.
lævipennis, 245-139.
- Aræoschizus.**
armatus, 30-275.
decipiens, 226-342.
regularis, 30-274.
sulcicollis, 30-274.
- Centrioptera.**
angularis, 252-414.
asperata, 30-279.
variolosa, 30-280.
- Schizillus,** 56-33.
laticeps, 56-33.
- Microschatia.**
championi, 245-140.
morata, 80-56.
polita, 245-141.
robusta, 245-142.
- Astrotus.**
regularis, 30-290.
- Asida.**
acerba, 80-56.
actuosa, 30-284.
captiosa, 30-287.
consobrina, 30-287.
densicollis, 252-417.
embaphionides, 252-419.
flaccida, 263-379.
gabbii,
gibbicollis, 30-288.
= gabbii *Horn.*
impetrata, 252-418.
lecontei, 30-286.*
luctata, 30-286.
macra, 143-304.
mancipata, 80-56.
planata, 252-415.
quadricollis, 109-151.
semilævis, 30-284.
subcylindrica, 30-288.
= var. of marginata *Lec.*
subvittata, 252-416.
wickhami, 252-420.
- Branchus.**
obscurus, 7-398.
- Anectus,** 7-399.
vestitus, 7-399.

* See Proc. Ent. Soc. Phila., vol. vi, p. xii, Proc.

- Coniontis.**
opaca, 30-296.
robusta, 30-296.
- Cœlotaxis**, 65-200.
muricata, 65-201.
punctulata, 65-201.
- Eusattus.**
ciliatus, 252-422.
costatus, 30-293.
erosus, 30-294.
politus, 143-304.
secutus, 252-421.
- Blapyllis**, 30-315.
 = *Eleodes*, *Esch.*
- Eleodes.**
lecontei, 30-316.
longipilosa, 232-42.
militaris, 30-310.
pilosa, 30-314.
tenebrosa, 30-316.
vetorator, 56-33.
wickhami, 232-41.
 = *eschscholtzii* *Sol.*
- Embaphion.**
elongatum, 30-321.
planum, 30-321.
- Cerenopus.**
angustatus, 252-426.
aterrimus, 252-425.
costulatus, 30-326.
- Argoporis**, 30-325.
ebenina, 252-424.
inconstans, 252-425.
- Amphidora.**
caudata, 30-330.
tenebrosa, 30-329.
- Cratidus.**
rotundicollis, 30-328.
- Nyctobates.**
subnitens, 56-35.
- Iphthimus.**
lewisi, 30-335.
 = var. of *serratus* *Munnh.*
zopheroides, 56-34.
- Rhinandrus.**
elongatus, 7-400.
sublævis, 167-160.
- Scotobates**, 63-151.
- Adelina.**
lecontei, 30-346 (*Sitophagus*).
- Alæphus**, 30-346.
pallidus, 30-346.
- Eupsophus**, 30-347.
castaneus, 30-347.
- Opatrinus.**
sayi, 30-349.
- Doliopines**, 252-427.
cucujinus, 252-428.
- Mecysmus**, 30-349.
- Blapstinus.**
auripilis, 30-353.
discolor, 30-354.
- Conibius.**
elongatus, 30-351.
- Notibius.**
costipennis, 252-430.
gagates, 30-357.
reflexus, 252-429.
- Ulus**, 30-358.
- Ectatocnemis**, 7-400.
- Cnemeplatia.**
sericea, 30-360.
- Alaudes**, 30-361.
singularis, 30-362.
- Phthora.**
americana, 56-35.
- Echocerus**, 30-366.
- Merotemnus**, 30-367.
elongatus, 30-367.
- Mycotrogus**, 30-367.
angustus, 30-368.
piceus, 30-367.
- Cynæus.**
depressus, 30-369.
- Metaclisa.**
marginalis, 30-369.

Uloma.
 mentalis, 30-371.

Phaleria.
 humeralis, 30-377.
 = humeralis *Laf.*
 limbata, 30-375.

Anæmia.
 californica, 30-378.

Diaperis.
 rufipes, 30-379.

Platydema.
 micans, 30-383.

Liodema, 30-385.

Scaphidema.
 pictum, 56-36.

Pentaphyllus.
 californicus, 30-387.

Eledona.
 fungicola, 30-389.
 = agaricola *Herbst.*

Apocrypha.
 elvinoides, 30-391.

Helops.
 arizonensis, 56-36.
 difficilis, 80-57.
 edwardsii, 30-395.
 perforatus, 109-153.
 pinguis, 252-430.
 spretus, 109-153.
 strigicollis, 167-161.
 viridimicans, 80-57.

ÆGIALITIDÆ.

Ægialites.
 fuchsii, 245-143.

CISTELIDÆ.

Xystropus.
 californicus, 20-138 (*Prostenus*).

Phedius.
 opaculus, 252-431.

Allecula.
 sordida, 252-432.

Lystronychus.
 championi, 252-433.

Hymenorus.
 planulus, 252-434.
 spinifer, 252-434.

Cistela.
 thevenetii, 63-156.
 variabilis, 63-156.

OTHNIIDÆ.

Othnius.
 longicornis, 35-334 (*Elacatis*).

lugubris, 20-132.
 mexicanus, 20-133.

LAGRIIDÆ.

Statira.
 basalis, 199-31.

opacicollis, 199-30.
 pluripunctata, 199-29.

MONOMMIDÆ.

Hyporhagus.
 gilensis, 41-149.

opuntiae, 41-149.

MELANDRYIDÆ.

- | | |
|--|---|
| Mallogdrya , 199-42.
subænea, 199-42. | Anelpistus , 24-88.
= <i>Scotodes Esch.</i> |
| Phlœotrya .
bicornata, 199-40 (<i>Hypulus</i>). | Scotodes .
americanus, 24-88 (<i>Anelpistus</i>). |
| Eustrophus .
arizonensis, 199-34.
repandus, 199-33. | Nothus .
luteus, 100-339. |
| Holostrophus , 199-36.
discolor, 199-37. | Lacconotus .
pinicolus, 100-338. |
| Orchesia .
ornata, 199-38. | Mycterus .
canescens, 100-337.
flavipennis, 20-136.
=var. of <i>concolor Lec.</i>
quadricollis, 56-42. |
| Microscapha .
arctica, 245-144 | |

PYTHIDÆ.

- | | |
|--|--------------------------------------|
| Sphalma , 41-150.
quadricollis, 41-151. | Cononotus .
macer, 20-136. |
| Trimitomerus , 199-44.
riversii, 199-45. | |

CEDEMERIDÆ.

- | | |
|--|--|
| Xanthochroa .
californica, 56-39.
centralis, 264-395.
marina, 264-394.
testacea, 264-393. | Sisenes .
championi, 252-435. |
| Alloxacis , 264-395.
floridana, 264-397.
nitidula, 264-397. | Oxacis .
debilis, 264-420.
dubiosa, 264-418.
floridana, 264-415.
fragilis, 264-413.
grisea, 264-415.
lævicollis, 264-412.
sericea, 24-89.
sororia, 264-414.
subfusca, 264-419. |
| Copidita .
bicolor, 24-88 (<i>Ditylus</i>).
cyanipennis, 24-89 (<i>Ditylus</i>).
mimetica, 264-402.
suturalis, 264-401. | Rhinoplatia , 20-137.
ruficollis, 20-138. |
| Chrysanthia .
repanda, 264-408. | |

CEPHALOIDÆ.

- | | |
|---|--------------------------|
| Cephaloon .
bicolor, 263-381. | piceum , 263-380. |
|---|--------------------------|

ANTHICIDÆ.**Corphyra.**

- abnormis, 56-40.
- bardii, 56-42.
- crotchii, 56-41.
- distinguenda, 56-42.
- flabellata, 143-306.
- funebri, 31-280.
- inconspicua, 56-42.
- lewisii, 31-281.
- monticola, 56-41.
- = var. of lewisii *Horn.*
- vittata, 31-279.

Notoxus.

- calcaratus, 154-170.
- denudatus, 154-173.
- nuperus, 154-168.
- schwarzi, 241-47.

Mecynotarsus.

- delicatulus, 20-137.

PYROCHROIDÆ.**Pyrochroa.**

- californica, 232-45.

Dendroides.

- picipes, 109-154.

MELOIDÆ.**Nomaspis.**

- sublævis, 20-140.

Poreospasta, 20-139.

- polita, 20-139.

Gnathium.

- nitidum, 24-95.
- texanum, 24-94.

Zonitis.

- longicornis, 24-93.
- vittipennis, 63-155.

Cordylospasta, 63-152.

- fulleri, 63-152.

Macrobasis.

- gissleri, 80-58.
- languida, 257-252.
- lauta, 165-108.
- purpurea, 165-108.
- tenuilineata, 252-436.

Tetraonyx.

- dubiosus, 252-440.

Gnathospasta, 63-154.

- mimetica, 63-154.

Epicauta.

- alphonsii, 56-38.
- batesii, 63-153.
- caviceps, 46-99.

- fallax, 165-111.

- funebri, 46-102.

- heterodera, 232-43.

- insignis, 165-110.

- merkeliana, 232-43.

- oregona, 63-153.

- rileyi, 56-37.

- straba, 232-42.

Pyrota.

- akhurstiana, 232-44.

- bilineata, 165-115.

- dubitabilis, 165-113.

- invita, 165-114.

- trochanterica, 252-439.

Cantharis.

- auriculata, 24-91 (Lytt).

- compressicornis, 24-91 (Lytt).

- crotchii, 56-38.

- deserticola, 24-90 (Lytt).

- gentilis, 143-311.

- incommoda, 143-312.

- insperata, 56-39.

- magister, 24-90 (Lytt).

- molesta, 165-111.

- mutilata, 63-155.

- occipitalis, 143-312.

- refulgens, 24-91 (Lytt).

Calospasta.

- decolorata, 252-437.
- fulleri, 80-59.
- histrionica, 234-100.
- humeralis, 24-93.
- = var. of *elegans* Lec.
- mirabilis, 24-93.
- mæsta, 80-59.

- morrisoni, 234-102.
- nemognathoides, 24-92.
- opaca, 20-139 (*Megetra*).
- perpulchra, 24-92.
- viridis, 143 312.

Tegrodera.

- latecincta, 232-44.
- = var. of *erosa* Lec.

RHIPIPHORIDÆ.

Rhipiphorus.

- bifoveatus, 62-123.

OTIORHYNCHIDÆ.

Minyomerus, 73-17.

- innocuus, 73-18.
- languidus, 73-18.

Epicærus.

- lucanus, 252-441.

Anomadus, 73-21.

- obliquus, 73-21.

Hormorus, 73-23.

Agasphærops, 73-24.

- nigra, 73-25.

Calyptillus, 73-27.

- cryptops, 73-27.

Eupagoderes, 73-32.

- desertus, 73-34.
- geminatus, 73-35.
- lucanus, 73-34.
- plumbeus, 73-35.

Rhigopsis.

- simplex, 252-442.

Dichoxenus, 73-39.

- setiger, 73-40.

Anametis, 73-43.

- grisea, 73-43.
- = *granulata* Say.

Melamomphus, 73-40.

- niger, 73-40.

Orimodema, 73-43.

- protracta, 73-44.

Mimetes.

- seniculus, 73-45.

Diamimus, 73-46.

- subsericeus, 73-46.

Peritaxia, 73-46.

- hispida, 73-47.
- rugicollis, 73-47.

Thricomigus, 73-48.

- luteus, 73-48.

Amnesia, 73-48.

- alternata, 73-52.
- decidua, 73-52.
- elongata, 73-53.
- rauca, 73-51.
- sordida, 73-52.
- ursina, 73-51.

Nocheles, 73-54.

- æqualis, 73-55.

Cimbocera, 73-55.

- pauper, 73-56.

Sciopithes, 73-62.

- obscurus, 73-63.

Agronus, 73-63.

- cinerarius, 73-64.
- deciduus, 73-64.

Neoptochus, 73-64.

Thricolepis, 73-68.

- inornata, 73-69.
- ?seminuda, 252-443.
- simulator, 73-69.

- Peritelopsis**, 73-70.
Geoderces, 73-70.
 incomptus, 73-72.
Geodercodes.
 hispidus, 252-442.
Aragnomus, 73-72.
 griseus, 73-72.
Dysticheus, 73-73.
 insignis, 73-73.
Eucyllus, 73-74.
 vagans, 73-74.
Thinoxenus, 73-74.
 squalens, 73-75.
Rhypodes, 73-75.
 brevicollis, 73-76.
 dilatatus, 73-75.
Chætechus, 73-77.
 setiger, 73-78.
Dirotognathus, 73-79.
 sordidus, 73-80.
Pachnæus.
 distans, 73-83.
Hadromerus.
 opalinus, 73-85.
Pandeletejus.
 cinereus, 73-87.
Cyphus.
 placidus, 73-90.

Otidocephalus.
 alternatus, 257-253.
 carinicollis, 257-254.
 chevrolatii, 49-450.
 lævicollis, 49-451.
 perforatus, 49-451.
 sparsus, 257-254.
 ulkei, 49-449.
 vittatus, 49-448.
Magdalis.
 cuneiformis, 49-453.
 inconspicua, 49-456.
 lecontei, 49-454.
 perforata, 49-453.
 salicis, 49-455.
Orchestes.
 betuleti, 167-161.
 canus, 83-620.

Artipus.
 floridanus, 73-92.
Aramigus, 73-93.
 fulleri, 73-94.
Phacepholis, 73-95.
 candida, 73-97.
 elegans, 73-96.
 obscura, 73-96.
Achrastenus, 73-97.
 griseus, 73-98.
Aphrastus.
 unicolor, 73-99.
Lachnopus.
 floridanus, 73-101.
Omileus, 73-102.
 epicæroides, 73-102.
Cyphomimus, 73-105.
 = *Polydrosus Sch.*
Polydrosus.
 dorsalis, 73-105 (*Cyphomimus*).
 peninsularis, 252-445.
Scythropus.
 californicus, 73-107.
 delicatulus, 252-444.
Mitostylus, 73-107.
 gracilis, 252-444.
 tenuis, 73-107.
Coleocerus.
 marmoratus, 73 109.

CURCULIONIDÆ.

 minutus, 83-620.
 niger, 49-462.
 subhirtus, 49-462.
 = *salicis Linné.*
Conotrachelus.
 echinatus, 257-258.
 lucanus, 257-257.
Rhyssomatus.
 æqualis, 49-464.
 pubescens, 49-465.
Chalcodermus.
 collaris, 49-467.
 inæquicollis, 49-466.
Tyloderma.
 variegatum, 49-468 (*Analcis*).
Zascelis.
 oblonga, 257-256.

3. ALPHABETICAL INDEX.

- Acanthia lectularia*, 21*a*.
Acanthocinus obsoletus, 201
 (species), 108.
Acanthoderes (species), 108.
Acilius (syn. notes), 143.
Acmæodera (species), 77.
Acmæops viola, 169.
Acoma, 232.
Adelocera (species), 96.
Adelops, 112*a*.
 hirtus, 95.
Ægialites (species), 245.
Æthecerus (species), 108.
Agabus (syn. notes), 143.
Agaosoma californicum, 136.
Aglenus brunneus, 71.
Agrilus (species), 233.
Agriotes mancus (early
 stages), 37.
Alaus canadensis, 221.
Amara, 238, 239.
 (table), 63.
Amblychila, 191.
 cylindriformis, 246.
 piccolomini, 63, 136, 143.
Amechanus (species), 23.
 Amer. Ent. Soc., 59.
Amphicoma (species), 138.
Amphionycha flammata, 79.
Amphizoa, 143.
 insolens, 8, 13, 50.
Amphycyrtia simplicipes,
 113.
Anacyrtus, 135.
Analcis (species), 49.
Analestesa testacea, 143.
Anatrichis minuta, 26.
 picea, 232.
Anchastus bicolor, 159.
 militaris, 159.
Anchomma costatum, 8.
Aneflus (species), 177.
Anelastes, 228.
Anillus (species), 199.
Anisodactylus (species), 122
 (table), 63.
Anobium paniceum, 2.
Anomala lucicola, 211.
 (species), 153.
Anomoglossus (species), 72.
Anopthalmus (larva), 111.
 (species), 19, 35, 143.
Anorus, 143.
Anthaxia (species), 137.
Anthophilax (species), 222.
Anthrenus claviger, 71.
 destructor, 2.
 scrophulariæ, 71.
Apenes (species), 130.
Aphæobius, 112*a*.
Aphanotus, 249.
Aphelogenia (species), 40.
Aphis, 21*a*.
Aphodiini (species), 32, 190.
Aphodius arcticus, 63.
 (species), 27.
 steinheili, 63.
Aphonus, 138.
Aphorista humeralis, 63.
Aphricus californicus, 127.
Aplastus (species), 56, 127.
Apocrypha anthicoides, 8.
Apristus (species), 133.
Aræosclizus (species), 226.
Arhopalus pictus, 2.
 Arrangement of boxes, 110.
Arrhipis, 227.
Artematopus, 143.
Asaphes lecontei, 221.
 (species), 106.
Asida angustula, 245.
 connivens, 245.
 (table), 252.
Asididæ, 7.
Atenius (syn. notes), 63.
Ateuchus sacer, 214*a*.
Attagenus felting, 149.
Auchmobius infaustus, 8.
Aulacoscelis hogei, 241.
Aulicus nero, 20.
Aulonothroscus, 232.
Axinopalpus (species), 130.
 Baja Coleoptera, 252, 257,
 263.
Balaninus, (species), 49.
Bathyscia, 112*a*.
Batyle (species), 79.
 Beauvois's species, 174.
Bembidium lucidum, 256.
 (syn. notes), 232.
Berosus salvini, 173.
 styliferus, 71.
 Biol. Cent.-Amer. (syn.
 notes), 186.
 Bland's species, 113.
Blechnus (species), 134.
Bolboceras (species), 23.
Bostrichidæ (species), 81.
Bostrichus spectabilis, 258.
 Boxes arrangement, 110.
Brachylobus (species), 72.
Bradytus (table), 163.
Brenthidæ (species), 39.
Bruchidæ (species), 45.
Bruchus impiger, 63.
Brumus septentrionis, 187.
Buprestidæ, 137.
 (syn. notes), 265.
Calandra (species), 49.
California Coleoptera
 (habits), 8.
Callida (species), 134.
Callidium antennatum, 55.
 nicolas, 143.
 subfasciatum, 143.
 variabile, 2.
Calligrapha labyrinthica,
 156.
 limbaticollis, 156.
 opifex, 156.
Callimus, 143, 146.
Callisthenes luxatum, 24.
 pimelioides, 24.
 zimmermanni, 24.
Calosoma angulatum, 24.
 carbonatum, 143.
 irregulare, 24.
 peregrinator, 24, 143.
 prominens, 24, 143.
 tepidum, 24.
Calospasta elegans, 24.
 fulleri, 251.
 opaca, 251.
 (species), 80, 234.
 Cambridge Mus. Comp.
 Zool., 187, 259.
 Nat. Hist. vol. v, 260.
Cantharis, 21*a*.
 deserticola, 95,
 143.
 mutilata, 143.
 (species), 46.
 (syn. notes), 165.
 (table), 143.
 tenebrosa, 56, 95.
Canthon (species), 23.
Canthydrus (syn. notes) 143

- Carabidæ (explosive), 184.
(genera), 128.
(syn. notes), 63, 187.
- Carabus, 71.
 baccivorus, 24.
 cancellatus, 143.
 gladiator, 24.
 hudsonicus, 24.
 mænder, 24.
 nemoralis, 240.
 serratus, 24.
 tædatus, 24.
 tatumi, 24.
- Cardiophorus edwardsii, 56.
 mimeticus, 56.
- Casey's species, 175.
- Cassida nebulosa, 251.
- Cassididæ (syn. notes), 253.
- Cebrio bicolor, 143.
(species), 127.
- Cebrionidæ, 127.
- Cebrioninæ, 138.
- Celia (species), 239.
- Central American Coleoptera, 7.
- Centronopus anthracinus, 2.
 calcaratus, 2.
- Cephaloon (species), 263.
- Cephaloscymnus (species), 255.
- Cerambycidæ, 19, 108, 169.
(syn. notes), 63, 187.
- Cerophytinæ, 138.
(species), 181.
- Cerophytum, 227.
- Cetonia vestita, 120.
- Chalcoderus (species), 49.
- Chanopterus, 200.
- Chilometopon abnorme, 56.
- Chlæniini (synopsis), 129.
- Chlænius (species), 72.
- Chnaunanthus (table), 252.
- Chœridium lecontei, 63.
- Chrysobothris (species), 182.
(syn. notes), 143.
(table), 252.
- Chrysochus (species), 167.
- Chrysomela scalaris, 156.
- Chrysomelidæ (syn. notes), 187.
- Cicindela magdalenæ, 121, 143.
(species), 69, 237.
(variations), 17, 237.
- Cicindelidæ (habits), 6.
(larvæ), 78.
(sexual characters), 69.
- Cladius, 227.
- Cladus, 231.
- Clambus, 112a.
- Classification of Coleoptera, 57, 142.
- Cleridæ (genera, table), 109.
(syn. notes), 63.
- Clerus decussatus, 167.
(syn. notes), 167.
- Clivina fossor, 71.
(table), 124.
- Clytus erythrocephalus, 2.
- Coccidula (species), 255.
- Coccinellidæ, 255.
- Coccus, 21a.
- Cœlambus (syn. notes), 143.
- Cœnonycha (species), 64.
- Cœnopœus palmeri, 223.
- Coleopterous fauna N. Am., 205.
- Collapteryx, 176.
- Collops (species), 24.
- Colon, 112a.
- Color markings, 237.
- Colorado Coleoptera, 42, 75.
- Colydiidæ (species), 82.
- Colymbetes coriaceus, 35.
(syn. notes), 143.
- Colyphus (species), 167.
- Conibiopsoma, 249.
- Conibius, 249.
- Cononotus sericans, 8.
(species), 20.
- Copris (species), 23.
- Coprophagous Scarabæidæ, 23.
- Coprophilini (genera), 257.
- Coptotomus obscurus, 143.
- Corphyra (species), 31, 143.
(table), 56.
- Corymbites carbo, 34.
 cruciatus, 34.
 diversicolor, 34.
 festivus, 34.
 floridanus, 221.
 gracilis, 221.
 inflatus, 221.
 lateralis, 34.
 morulus, 34.
 nebraskensis, 34.
 nigricollis, 34.
 pulcher, 34.
 rotundicollis, 34.
 tristis, 143.
 triundulatus, 34, 221.
 urostigma, 221.
- Coscinoptera (species), 236.
- Cossonus (species), 49.
- Cossyphus, 21.
- Costa Rica Lepidoptera, 94.
- Cotalpa (species), 15, 35.
- Craniotus pubescens, 8.
- Cremastochilus, 179.
 saucius, 103, 166.
(species), 35, 104.
- Creophilus villosus, 91.
- Crossidius humeralis, 169.
- Crotch check-list, 53.
- Cryptadius inflatus, 56.
- Cryptobium (species), 164.
- Cryptognatha (species), 255.
- Cryptohypnus, 231, 247.
 dermestoides, 217.
 pulchellus, 217.
 4-punctatus, 217.
 riparius, 217.
 sabulicola, 217.
(species), 231.
- Cryptostoma, 232.
 dohrni, 138.
- Curculionidæ, 49.
- Cychnus convexus, 143.
(species), 90.
 tuberculatus, 143.
- Cyclocephala elegans, 63.
(species), 35.
- Cyllene pictus, 140.
 robinia, 140.
(species), 108.
- Cymatodera cylindricollis, 109.
 gigantea, 143.
 hopei, 143.
(species), 68.
 texana, 143, 167.
 usta, 109.
- Cymindis (species), 132.
- Cyrtophorus gibbulus, 157.
- Cysteodemus armatus, 8.
- Dacoderus (species), 245.
 striaticeps, 8, 67.
- Dascyrcus sulcatus, 95.
- Dascyllidæ, 127.
(species), 107.
(tribes), 127.
- Dectes spinosus, 108.
- Deltochilum gibbosum, 214a.
- Deltometopus, 227.
 amœnicornis, 143.
 ereptus, 143.
- Dendroides (species), 199.
- Dermestes lardarius, 2.
- Deronectes (syn. notes), 143.
- Desmocerus (species), 125.
- Diacerus, 227.
- Diachila americana, 24.
 subpolaris, 24.
- Diachus, 256.
- Dialytes (species), 27.
- Dianchomena (species), 40.
- Dicælus ambiguus, 119.
 dejeani, 119.
 dilatatus, 119.
 elongatus, 119.
(larva), 78.
 opacus, 119.
 simplex, 119.
 sp. (fossil), 70.
(species), 116.
 turbulentus, 119.
- Dichelonycha (species), 64.
- Dietta, 143.
- Dimorphism, 101.
- Dinapate, 180, 188, 194.
- Dinoderus brevis, 258.
 minutus, 258.
- Diplochila (species), 117.
- Discoderus (species), 145.
- Dorcaschema (species), 169.
- Dorcus parallelus, 242.
- Doryphora 10-lineata, 3, 58.
 melanothorax, 156.
- Drasterius simiolus, 258.
- Drimeotus, 112a.

- Dromius (species). 130.
 Dromochorus. 191.
 Dryophthorus corticalis, 49.
 Dynastes tityus, 24.
 Dysmathes sahlbergi, 18.
 Dysphaga (species), 257.
 Dystaxia lecontei, 167. 232.
 murrayi, 232.
 Dytiscidæ (syn. notes), 71.
 Dytiscus (syn. notes), 143.

 Edaphus (species). 163.
 Elaphrini, 84.
 Elaphrus olivaceus, 71.
 Elater semivittatus, 143.
 (table). 34.
 Elateridæ, 34, 127, 138, 159,
 221.
 (syn. notes), 63, 97.
 Elaterinæ, 138.
 Eleodes texana, 56.
 Elmis vulneratus, 187.
 Emmenastrichus (table),
 251.
 Enoplium humerale, 143.
 Entomological Section, Re-
 port of, 106a.
 Epicauta alphonsii, 63.
 ferruginea, 21a.
 maculata, 21a.
 pennsylvanica, 21a.
 sanguinicollis, 56.
 (species), 46.
 trichrus, 63.
 vittata, 21a.
 Epimetopus, 112a.
 Ergates neomexicanus, 232.
 spiculatus, 229.
 Esthesopus (species), 159.
 Estola sordida, 79.
 Eubria, 143.
 Eucærus varicornis, 134.
 Eucnemidæ, 138.
 Centr. Amer., 227.
 (species), 181.
 (syn. notes), 63.
 Eumolpini (species), 24.
 Eupagonius (species), 169.
 Euphoria californica, 120.
 Euphorie (species), 105.
 Euproctus trivittatus, 138.
 European authors on U. S.
 Coleoptera, 136.
 Euryscopa (species), 236.
 Eusattus (species), 143.
 (table), 252.
 Eustoma, 177.
 Eustrophus (species), 199.
 Euthysanius (species), 127.
 Eutomus, 63.
 Evolenes (species), 26.
 Explosive Carabidæ, 184.

 Fabricianus, 256.
 Felting made by Attagenus,
 149.
 Flohr, Julius, 262.

 Florida Keys Coleoptera.
 118.
 Foreign trees and native
 insects, 55.
 Fornax badius, 3.
 Fossil Coleoptera, 70.

 Galerucini (species), 244.
 Genealogy of insects. Pack-
 ard's, 160.
 Geotrupes chalybæus, 188.
 (species), 16, 109.
 Germar's species, 210.
 Glyciphana jucunda, 120.
 Glyptus (larva), 197.
 Gnathium (species), 24.
 Gnathosiini, 56.
 Gnorimus maculosus, 64.
 Goes pulverulentus, 3.
 (species), 169.
 Graphisurus pusillus, 108,
 201.
 Graphoderes (syn. notes),
 143.
 Guadalupe Isl. Coleoptera,
 65.
 Gyascutus obliterated, 8,
 119.
 (species), 20, 143.
 Gyrinidæ maxillæ, 148.
 Gyrinus gibber, 187.

 Habitual use in modifica-
 tion, Effects of, 214a.
 Hadrotus crassus, 91.
 Halticini (species), 207.
 Hamletia dimidiaticornis,
 202.
 Haploderus cælatus, 163.
 Harold, E. von, 189.
 Harpalus caliginosus, 214.
 compar, 214.
 pennsylvanicus, 214.
 Helops bachei, 65.
 (table), 109.
 Hemipeplus, 114.
 Hemiptera, 21a.
 Hemiptychus (table), 252.
 Heterocerus pallidus, 209.
 pusillus, 209.
 (species), 215.
 Heteroderes lantus, 221.
 Hippomelas (species), 143.
 Hispini (species), 143.
 Hister (table), 28, 76.
 Histeridæ, 28.
 (species), 48.
 Holciophorus (species), 115.
 Holostrophus (species), 197.
 Horistonotus (species), 159.
 Hornia minutipennis, 206.
 Human body, Insects
 passed from, 213.
 Hydaticus (syn. notes), 143.
 Hydrobiini (species), 47,
 224.
 Hydrocanthus (syn. notes),
 143.

 Hydrocharis (species), 71,
 257.
 Hydrophilidæ, 173.
 Hydrophilus, 173.
 insularis, 173.
 ovatus, 173.
 triangularis, 173.
 Hydroporus (syn. notes),
 143.
 Hydrotrupes palpalis, 143.
 Hylecætus americanus, 63.
 Hylotrupes ligneus, 143.
 Hynoidus (species), 247.
 Hyperplatys (species), 108.
 Hypocephalus, 178.
 Hypolampis, 202.
 Hyporhagus lecontei, 63.
 (species), 41.
 Hypulus (species), 199.

 Ilybius (syn. notes), 143.
 Insects passed from human
 body, 213.
 Iphthimus serratus, 56.
 Ips (table), 63.
 Ischiodontus, 159.
 Isomalus (species), 33.
 Ithycerus noveboracensis,
 49.

 Katydids, Pink, 195.
 Kirby's Coleoptera, 66.

 Laccophilus pictus, 35.
 (syn. notes), 143.
 (table), 143.
 Lachnocrepis parallela, 26.
 Lachnosterna (species), 193.
 (syn. notes), 63, 192.
 Lactica (species), 109.
 Lagochirus (species), 108.
 Lagriidæ (species), 199.
 Lamesis suturalis, 157.
 Lamia canteriator, 211.
 Lara, 138.
 Larvæ and pupæ (habits),
 2, 3.
 Lasconotus (species), 167.
 Lathridius minutus, 213.
 Lebia (species), 40.
 (table), 167.
 Lebiini (species), 139.
 LeConte, J. L., 150, 151, 161.
 LeConte's short studies, 158
 Leistotrophus (species), 91.
 Lepidoptera from Costa
 Rica, 94.
 Leptinus testaceus, 138.
 Leptostylus (species), 108.
 Leptura atrata, 157.
 coccinea, 157.
 exigua, 201.
 hæmatites, 201.
 nana, 201.
 nitens, 2.
 Lepturgus (species), 108.
 Licinus silphoides, 120.
 Ligyrus (table), 63.

- Limonius cribricollis*, 56.
 discicollis, 34.
 humeralis, 34.
 infuscatus, 34.
 maculicollis, 34.
 occidentalis, 34.
 ornatulus, 34.
Liopus biguttellus, 201.
 dorsalis, 143.
 (species), 108.
Listrochelus (species), 88.
Loricaster, 112*a*.
Loricera (species), 85.
Loxopeza (species), 40.
Lucanus placidus, 63.
Ludius (species), 159.
Lycaina marginata, 167.
Lycostomus loripes, 167.
 sanguineus, 167.
Lycus fernandezi, 167.
Lygistorpterus lætus, 167.
Lymantes scrobicollis, 49.
Lystronychus (table), 252.
Lytta melæna, 21*a*.
 nuttalli, 21*a*.
 vescatoria, 21*a*.
 vulnerata, 21*a*.

Macrobasis borrei, 165.
 fabricii, 21*a*.
 linearis, 80.
 luteicornis, 21*a*.
 (species), 46, 165.
Macroductylus (species), 64.
Magdalis (species), 49.
Malachidæ (species), 38.
Malachus (species), 56.
Mallodon (species), 152.
Mecas inornata, 201.
 saturina, 201.
 (species), 79.
Mecotetartus antennatus,
 108.
Mecynotarsus (species), 154
Megalostomis (species), 236.
Megapenthes limbalis, 221.
Megistops 4-notata, 63.
Melandryidæ (tribes), 199.
Melanophila (species), 137.
Melanotus longulus, 56.
 peninsularis, 221.
Melasis, 227.
Meloidæ, 21*a*, 46, 165.
Meloini, 20.
Melolontha minima, 211.
 4-maculata, 211.
Metabletus americanus, 130
Metaleptus angulatus, 169.
Metamasius sericeus, 49.
Metrius contractus, 8.
Microcyptus, 135.
Microschatia (species), 245.
Mimicry, 93.
Modification, Effects of
 habitual use in, 214*a*.
Monilema (species), 169.
Monilemæ, 194.

Monocrepidius peninsu-
 laris, 221.
Monohammus dentator, 55.
 (species), 169.
Monotomidæ (species), 98.
Mouth-parts of Coleoptera,
 147.
Murmidiidæ (species), 82.
Mycetina limbata, 95.
 testacea, 109.
Mycetophagidæ (species),
 83.
Mycteridæ (species), 100.
Mycterus (species), 20.
Myodites (species), 241.
Myrmecospectra nietneri,
 138.

Nat. Mus. collection of
 Agrilus, 235.
Native insects and foreign
 trees, 55.
Nebria (species), 25.
Necrophilus subterraneus,
 19.
Nematodes, 227.
Nemicelus marginipennis,
 114.
Nemotarsus elegans, 130.
Nepa, 21*a*.
New Mexico Coleoptera, 42.
Newman's species, 168, 172.
Nitidulidæ (species), 99.
Nomaretus (species), 92.
Nomenclature of Coleop-
 tera, 57.

Nosodes serrata, 8.
Notibius, 249.
Notonecta, 21*a*.
Notoxus (species), 154.
Novius (species), 255.
Nycteliini, 7.
Nyctobates pennsylvanica,
 211.

Oberea (species), 79.
Ochodæus (species), 64.
Ochthebius (species), 216.
Odontæus (species), 23.
Oedemeridæ (species), 264.
Oeme (species), 108.
Olisthopus (species), 141.
Olivier's Entomologie, 183.
Omophron (species), 124.
Oncerus (table), 252.
Oncideres (species), 169.
Onitis nicanor, 23.
Onota florida, 134.
Onthophagus nuchicornis,
 212.
 (species), 63.
Oodes 12-striatus, 232.
 mexicanus, 232.
 (species), 26.
Opisthius, 87.
Orchesia (species), 199.
Orchestes (species), 49, 83.
Orsodacna atra, 236.

Orthostethus infuscatus, 3.
Othnius, 199.
 mexicanus, 63.
 (species), 20, 35.
Otidocephalus (species), 49.
Otiiorhynchidæ (species), 73
Oxoplus (species), 169.
Oxyomus opacifrons, 32.
Oxyporus fasciatus, 167.
 occipitalis, 167.

Pachyonychis paradoxus,
 202.
Packard's genealogy of in-
 sects, 160.
Panagæus sallæi, 20.
Pangus americanus, 136.
Parandra brunnea, 3.
Parnidæ (species), 22.
Parsimachus californicus,
 136.

Patrobus, 71.
 (species), 63.
Pediculus, 21*a*.
 capito, 21*a*.
 vestimenti, 21*a*.
Pelophila (species), 25.
Peltastica, 143.
Peploglyptus, 138.
Perigona, 71.
 (species), 241.
Perimegatoma (species), 63.
Peritapnia (table), 252.
Perothopinæ, 138.
 (species), 181.

Phanæus, 214*a*.
Phengodes plumosa, 232.
Phileurus (species), 109.
Philonthi (species), 155.
Philophuga (species), 134.
Phlæophagus (species), 49.
Phlæotrya vaudoueri, 187.
Phodaga alticeps, 8, 11.
Pholeuon, 112*a*.
Phthirus pubis, 21*a*.
Phyllethrus (species), 263.
Phyllobrotica (species), 263.
Phymatodes varius, 143.
Phytalus, 63.
Pilema, 143.
Pinacodera (species), 130.
Pink katydids, 195.
Pinodytes, 112*a*.
 (species), 241.
Pityophagus (species), 63.
Plagiodera flosculosa, 156.
Plagithmysus, 169.
Plastocerus (species), 127.
Platycerus agassii, 187.
 cœrulescens, 63.
Platynus (syn. notes), 241.
Platypsyllus, 138, 164, 204,
 208, 219, 250.
 (larva), 197, 219.
Plectrodes palpalis, 166.
 (species), 109.
Plegaderus (species), 28.

- Pleocoma, 203.
 (species), 196, 198.
 Pleolobus, 143.
 Pœcilobrium, 143, 146.
 Pœcilochrus, 232.
 Pœcilonota debilis, 232.
 Pogonocherini (table), 79.
 Pogonocherus (species), 79.
 Pogonus (species), 71.
 Polymœchus, 138.
 Polyphylla 12-lineata, 232.
 (larva), 197.
 (species), 126.
 speciosa, 21a.
 Pomphopœa, 21a.
 (species), 46.
 Port Kennedy Coleoptera, 70.
 Prionotus novenarius, 21a.
 Pristoscelis cruralis, 187.
 Propalticus oculatus, 102.
 Provancher's Coleoptera, 113.
 Psephenus, 138.
 Pseudomorpha, 12.
 (species), 143, 144.
 Pseudomorphidæ, 12.
 Pseudopsis sulcatus, 35, 60.
 Psoa maculata, 187.
 Psydrus piceus, 8.
 Pterostichus angustus, 232.
 (notes), 241.
 sp. (fossil), 70.
 Ptilodactyla elaterina, 2.
 Ptomaphagus, 112a.
 Pupæ and larvæ (habits), 2, 3.
 Pyanisia opaca, 71.
 Pyrochroa fuscicollis, 199.
 Pyrota, 21a.
 (species), 165.
 Pythidæ (table), 41.
 Pytho (species), 199.
 Quæsticulus, 112a.
 Quæstus, 112a.
 Quediini (species), 89.
 Reclamation, 208.
 Records of Amer. Coleoptera, 29, 36, 43, 52, 61.
 Rhagium lineatum, 2.
 Rhagoderma tuberculata, 10.
 Rhantus (syn. notes), 143.
 Rhipiceridæ, 127.
 Rhipiphorus bifoveatus, 113.
 sordidus, 113.
 (species), 62.
 Rhizobius (species), 254.
 Rhymbus minutus, 63.
 Rhynchophorus cruentatus, 49.
 (larva), 78.
 Rhyncolus (species), 49.
 Rhyssomatus (species), 49.
 Riley, Reply to, 218.
 Romaleum procerum, 177.
 simplicicollis, 177.
 Sallé, Aug., 261.
 Sandalus (species), 127.
 Saprinus æneicollis, 28.
 cubæcola, 28.
 estriatus, 28.
 sulcatus, 243.
 Sarpedon scabrosus, 95.
 Saxinis (species), 236.
 Say, Thomas, 188.
 Scaphidium (table), 63.
 Scaptolenus (species), 127.
 Scarabæidæ, 15, 166.
 coprophagous, 23.
 Schizopus lætus, 232.
 sallæi, 232.
 Scotobænus, 63.
 parallelus, 56.
 Scotocryptus, 171.
 Scotodes americanus, 35.
 Scymnus (species), 255.
 Scyphophorus (species), 49.
 Seashore Coleoptera, 51.
 Selenophorus (species), 123.
 Sepidulum costatum, 71.
 Serica anthracina, 24.
 crassata, 24.
 robusta, 24.
 valida, 24.
 Sericus behrensi, 221.
 Silphidæ, 112a.
 (species), 112.
 Simplicaria inflata, 113.
 Sinoxylon basilare, 2.
 sp., 2.
 Smilia (species), 255.
 Snake River Coleoptera, 50.
 Southwestern Va. Coleoptera, 19.
 Sphæridiini (species), 225.
 Sphenophorus (species), 49.
 Stachygraphis maculata, 143.
 Staphylinidæ, 163.
 Staphylinus (species), 91.
 Stenocrepis chalcus, 232.
 Stenoscelis brevis, 49.
 Stenosphenus (species), 169.
 Stenus (syn. notes), 187.
 Stibia (species), 56.
 Strategus (species), 63.
 Stridulating Coleoptera, 214.
 Strigoderma pygmæa, 211.
 Synchrona punctata, 2.
 Syneta (species), 236.
 Synonymical notes, 63, 97, 113, 119, 157, 168, 172, 174, 175, 210, 211, 249, 256, 258.
 Tachycellus (species), 145.
 Tachyporini (species), 74.
 Tecnophilus croceicollis, 134.
 Tegrodera erosa, 8, 21a, 24, 232.
 Tenebrio striatellus, 211.
 Tenebrionidæ (species), 30.
 Teretriosoma facetum, 143.
 Teton Basin Coleoptera, 50.
 Tetragonoderus (species), 130.
 Tetraonyx (species), 165.
 Tetraopes canteriator, 211.
 (species), 79.
 Tetrops (species), 79.
 Thanabus, 227.
 Thanasimus, 167.
 Thinopinus pictus, 91.
 Thrincopyge (species), 167.
 Throscidæ Centr. Am., 227.
 (species), 170.
 Throscus, 232.
 Tillus occidentalis, 167.
 Tomarus (species), 257.
 Trachypachys californica, 24.
 gibbsi, 24.
 (species), 86.
 Trechus (species), 63.
 Triæna (species), 238.
 Triarthron (species), 143.
 Trichius (species), 64.
 Trichodes ornatus, 230.
 (species), 68.
 Trichodesma (table), 252.
 Tricrepidius triangulicollis, 136.
 Trimytis (table), 252.
 Trogophloeus laticollis, 163.
 Trogosita marginata, 5.
 (species), 4.
 Tropinota hirtella, 120.
 Tropisternus, 173.
 apicipalpis, 173.
 (species), 71.
 Trox (species), 54.
 Tylosis, 169.
 Ulochætes leoninus, 8.
 Urographis (species), 108.
 Use in modification, Effects of habitual, 214a.
 Usechus lacerta, 9.
 nucleatus, 245.
 Utah Coleoptera, 75.
 Variation in color marking, 237.
 Vesperoctenus flohri, 254.
 Wilt, Charles, 185.
 Wollastonia quercicola, 49.
 Xenorhipis, 157.
 brendeli, 137.
 Yellowstone Lake Coleoptera, 50.
 Zarhipis (species), 167.
 Zeugophora (species), 236.
 Zonitis (species), 63.
 Zopheri, 14.
 Zophobas morio, 71.

CORRIGENDA.

- Page xxv, No. 212, *for* p. 11 *read* p. 10.
- “ xxxviii, *Cychnus fulleri*, *for* 184 *read* 179.
Anchonoderus apicalis, *for* 38 *read* 360.
- “ xxxix, *Pseudomorpha behrensii*, *for* 27 *read* 24.
- “ xl, *Philhydrus hamiltoni*, *for* 248 *read* 249.
Helopeltis larvalis, *for* 139 *read* 137.
- “ xli, *Anisotoma merkeliana*, *for* 256 *read* 257.
- “ xlvi, *Bactridium fryi*, *for* 265 *read* 266.
- “ xlvii, *Allopogon villosus*, *for* 80 *read* 81.
- “ xlviii, *Cardiophorus edwardsii*, *for* 31 *read* 34.
- “ liv, *Ochodæus californicus*, *for* 259 *read* 257.
- “ lv, *Lachnosterna sprete*, *for* 251 *read* 250.
- “ lix, *Zabrotes semicinctus*, *for* 251 *read* 252.
- “ lx, *After Asida gabbii*, *insert* 109-152.