

accession of so much interesting material from such a little-known country needed attention, and he worked over each sending from these islands as soon as it was received.

Altogether he described about 3,100 new species, and 607 new genera.

All through his systematic work he never lost interest in the biological side of the subject, and one of his most entertaining articles is the summary of the habits of the aculeate Hymenoptera. It was always with peculiar pleasure that he noted where the life-habits of a group supported his structural divisions.

Few were more interested in our Society than he. Rarely did he miss a meeting, and when present he always had something to say. He contributed a great number of papers, and his ardent and exultant manner in presenting "two new and remarkable genera" will never be forgotten. The details of their structure, their relation to other forms, their effect on the classification, were all explained to his admiring listeners.

Like so many indefatigable workers in science, Doctor Ashmead was most helpful to his fellow-workers. His knowledge and his time were always at the disposal of others, and he was noted for his attitude of encouragement towards younger investigators. He had the kindest of hearts, and will always be gratefully remembered by those who knew him.

THE ENTOMOLOGICAL WRITINGS OF WILLIAM
HARRIS ASHMEAD, WITH AN INDEX TO THE
NEW GENERA DESCRIBED BY HIM.

BY J. C. CRAWFORD.

In the following bibliography, the numbers given to the papers are, with a very few exceptions, those assigned by Doctor Ashmead himself, the only changes made being those necessary to show priority. In the preparation of this bibliography the author has had access not only to a set of Doctor

Ashmead's papers, which was almost complete, but also to the notes kept by Doctor Ashmead. While the list of titles is complete so far as longer articles are concerned, and those describing new genera and species, there are still many unsigned notes on economic entomology published by Doctor Ashmead while living in Florida, and also many shorter communications and remarks published in the PROCEEDINGS of the Entomological Society of Washington.

Titles or parts of titles given in brackets are supplied; in cases where the complete title is supplied it indicates that the article was not published by Doctor Ashmead, but that it contains descriptions or tables furnished by him.

In the index to the new genera, the earliest publication found has been cited, irrespective of whether it has been given with a described species, a manuscript name, or without citing any type. In some instances it has been very difficult to find the first reference, since the genera were often published with no indication that they were new.

The first number after a genus in the index to the new genera is the number of the paper in which the genus is described, and the next, the page reference.

All genera belong to the Hymenoptera, except *Eurymeloides* and *Polydontoscelis*, which are Hemiptera.

BIBLIOGRAPHY.

1. On a mite preying on the orange scale insect.
Can. Ent., XI, 93-94, 1879.
2. Injurious and beneficial insects found on the orange trees of Florida.
Can. Ent., XI, 159-160, 1879.
3. Injurious and beneficial insects found on the orange trees of Florida.
Florida Agriculturist, 159, 1879.
4. On a new Psocus.
Can. Ent., XI, 228-229, 1879.
5. Orange insects: A treatise on the injurious and beneficial insects found on orange trees in Florida.
Jacksonville, Fla., pp. i-xv, 1-78, Pls. I-IV, 1880.
6. Mite preying on orange scale.
Amer. Ent., III, 106-107, 1880.

7. *Antigaster mirabilis* in Florida.
Amer. Ent., III, 152, 1880.
8. On the red or circular scale of the orange (*Chrysomphalus ficus* Riley MS.).
Amer. Ent., III, 267-269, 1880.
9. On "the white scale of the orange" (*Ceroplastes rusci* Linn.).
Can. Ent., XII, 252-254, 1880.
10. On a new species of *Aphis* affecting the pine.
Can. Ent., XIII, 67-68, 1881.
11. On a gigantic chalcid fly inhabiting Florida.
Can. Ent., XIII, 89-90, 1881.
12. The orange root-borer.
Florida Agriculturist, III, 316, 1881.
13. Another chalcid friend of the orange grower.
Florida Agriculturist, IV, 65, 1881.
14. On the cynipidous galls of Florida. (Paper No. 1.)
Trans. Amer. Ent. Soc., IX (Proc. Ent. Sec. Acad. Nat. Sci. Phila.), pp. ix-xiv, 1881.
15. On the cynipidous galls of Florida. (Paper No. 2.)
Trans. Amer. Ent. Soc., IX (Proc. Ent. Sec. Acad. Nat. Sci. Phila.), pp. xv-xx, 1881.
16. On the cynipidous galls of Florida. (Paper No. 3.)
Trans. Amer. Ent. Soc., IX (Proc. Ent. Sec. Acad. Nat. Sci. Phila.), pp. xxiv-xxviii, 1881.
17. On some new species of Chalcididæ from Florida.
Can. Ent., XIII, 134-136, 1881.
18. On two new chalcid flies from Florida, parasitic upon the larvæ of syrphus flies.
Can. Ent., XIII, 170-172, 1881.
19. The plum aphid in Florida.
Pacific Rural Press, XXII, 8, 1881.
20. The orange pyralid moth.
Florida Agriculturist, IV, 60, 1881.
21. On the Aphididæ of Florida, with descriptions of new species. (Paper No. 1.)
Can. Ent., XIII, 154-156, 1881.
22. On the Aphididæ of Florida, with descriptions of new species. (Paper No. 2.)
Can. Ent., XIII, 220-225, 1881.

23. Studies on the North American Chalcididæ, with descriptions of new species from Florida.
Trans. Amer. Ent. Soc., IX (Proc. Ent. Sec. Acad. Nat. Sci. Phila.), pp. xxix-xxxv, 1881.
24. The water melon aphid, a new and exceedingly destructive insect pest.
Florida Dispatch, new series, I, 241, 1882.
25. On the Chalcididæ of Florida.
Can. Ent., XIV, 35-37, 1882.
26. On the Aphididæ of Florida, with descriptions of new species. (Paper No. 3.)
Can. Ent., XIV, 88-93, 1882.
27. The orange Aleurodes.
Florida Dispatch, new series, II, Nov. 12, 1883.
28. On the cynipidous galls of Florida, with descriptions of new species. (Paper No. 4.)
Trans. Amer. Ent. Soc., XII (Proc. Ent. Sec. Acad. Nat. Sci. Phila.), pp. v-ix, 1885.
29. On the discovery of *Thoracantha*, a tropical genus of chalcid flies, in Florida.
Ent. Amer., I, 96, 1885.
30. Studies on North American Chalcididæ, with descriptions of new species from Florida. (Paper No. 5.)
Trans. Amer. Ent. Soc., XII (Proc. Ent. Sec. Acad. Nat. Sci. Phila.), pp. x-xix, 1885.
31. A bibliographical and synonymical catalogue of the North American Cynipidæ, with description of new species. (Paper No. 6.)
Trans. Amer. Ent. Soc., XII, 291-304, 1885.
32. On two Hemiptera-Heteroptera.
Can. Ent., XVIII, 18-20, 1886.
33. Synopsis of the North American sub-families and genera of Cynipidæ.
Trans. Amer. Ent. Soc., XIII, 59-64, 1886.
34. Description of a new chalcid, parasitic on *Mantis carolina* Say.
Can. Ent., XVIII, 57-58, 1886.
35. A new chalcid parasite on the common basket worm (*Thyridopteryx ephemeraformis* Haworth).
Can. Ent., XVIII, 97-98, 1886.
36. Studies on the North American Chalcididæ, with descriptions of new species from Florida. (Paper No. 7.)
Trans. Amer. Ent. Soc., XIII, 125-135, 1886.

- 36a. [Descriptions of *Callaspidia provancheri* and *Dimicrostrophis ruficornis*.]
Le Naturaliste Canadien, xvi, 167, 172-173, 1887.
37. Report on insects injurious to garden crops in Florida.
Bul. 14, Div. Ent., U. S. Dept. Agr., 9-29, 1887.
38. Studies on the North American Proctotrupidæ, with descriptions of new species from Florida. (Part I.)
Ent. Amer., III, 73-76, 97-100, 117-120, 1887.
39. Studies on the North American Proctotrupidæ, with descriptions of new species from Florida. [Part 2.]
Can. Ent., XIX, 125-132, 1887.
40. Studies on the North American Proctotrupidæ, with descriptions of new species from Florida. (Paper No. 3.)
Can. Ent., XIX, 192-198, 1887.
41. On the cynipidous galls of Florida, with descriptions of new species and synopses of the described species of North America.
Trans. Amer. Ent. Soc., XIV, 125-158, 1887.
42. Studies on the North American Chalcididæ, with descriptions of new species, chiefly from Florida.
Trans. Amer. Ent. Soc., XIV, 183-203, 1887.
43. Description of a new proctotrupid.
Ent. Amer., III, 128, 1887.
44. Hemipterological contributions. (No. I.)
Ent. Amer., III, 155-156, 1887.
45. Descriptions of three new eucharids from Florida, with a generic table of the Eucharinæ.
Ent. Amer., III, 186-188, 1887.
46. Descriptions of some new genera and species of Canadian Proctotrupidæ.
Can. Ent., XX, 48-55, 1888.
47. An interesting new chalcid from Canada.
Can. Ent., XX, 55, 1888.
48. Descriptions of some new North American Chalcididæ.
Can. Ent., XX, 101-107, 1888.
49. Descriptions of new Florida chalcids, belonging to the subfamily Eucyrtinæ [sic].
Ent. Amer., IV, 15-17, 1888.
50. A revised table of the Eurytominaæ, with descriptions of new species.
Ent. Amer., IV, 41-43, 1888.

51. [Report of the] entomological section.
Bul. 2, Fla. State Agr. College, 12-27, 1888.
52. A proposed classification of the Hemiptera.
Ent. Amer., iv, 65-69, 1888.
53. Descriptions of some unknown parasitic Hymenoptera in
the collection of the Kansas State Agricultural Col-
lege, received from Prof. E. A. Popenoe.
Bul. 3, Kans. State Agr. College, appendix, i-viii, 1888.
54. A revised generic table of the Chalcididæ.
Ent. Amer., iv, 87-88, 1888.
55. On the chalcideous tribe Chiropachides.
Can. Ent., xx, 172-176, 1888.
56. A proposed natural arrangement of the hymenopterous
families.
Proc. Ent. Soc. Wash., i, 96-99, 1888.
57. Descriptions of new Braconidæ in the collection of the
U. S. National Museum.
Proc. U. S. Nat. Mus., xi, 611-671, 1888.
58. Description of a new species of *Orthesia* [sic] from Cali-
fornia.
Can. Ent., xx, 202-204, 1888.
59. The chalcid genus *Rileyia*.
Can. Ent., xx, 229-230, 1888.
60. A generic synopsis of the Cicadidæ.
Ent. Amer., iv, 140-141, 1888.
61. A final word about the genus *Rileyia*.
Can. Ent., xxi, 37-38, 1889.
62. A generic synopsis of the Fulgoridæ.
Ent. Amer., iv, 1-6, 21-28, 1889.
63. A generic synopsis of the Bythoscopidæ.
Ent. Amer., v, 125-126, 1889.
64. A generic synopsis of the Aphididæ.
Ent. Amer., v, 185-189, 1889.
65. Some remarks on South American Chalcididæ.
Proc. Ent. Soc. Wash., i, 218-220, 1890.
66. An anomalous chalcid.
Proc. Ent. Soc. Wash., i, 234-236, 1890.
67. Remarks on the chalcid genus *Halidea*.
Proc. Ent. Soc. Wash., i, 264-266, 1890.
68. Descriptions of new Ichneumonidæ in the collection of
the U. S. National Museum.
Proc. U. S. Nat. Mus., xii, 297-451, 1890.

69. On the Hymenoptera of Colorado.
Bul. 1, Colo. Biol. Assn., 1-47, 1890.
70. Report on an outbreak of the army worm, and on some other insects affecting grain, in Maryland.
Ins. Life, III, 53-57, 1890.
71. The corn delphacid, *Delphax maidis*.
Psyche, v, 321-324, 1890.
72. Descriptions of some new Canadian Braconidæ.
Can. Ent., XXIII, 1-7, 1891.
73. A generic synopsis of the Coccidæ.
Trans. Amer. Ent. Soc., XVIII, 92-102, 1891.
74. An encyrtid with six-branched antennæ.
Ins. Life, III, 455-457, 1891.
75. Two new and remarkable ophionids.
Ent. News, III, 105-108, 1892.
76. Three new pambolids from the United States.
Psyche, IV, 289-290, 1892.
77. The insect collections in the Berlin Museum.
Proc. Ent. Soc. Wash., II, 205-209, 1892.
78. Notes on the genus *Melittobia*.
Proc. Ent. Soc. Wash., II, 228-232, 1892.
79. On the discovery of the genus *Eunotus* in America.
Proc. Ent. Soc. Wash., II, 287-288, 1892.
80. Discovery of the genus *Cratæpus* Förster in America, and the description of a new species.
Can. Ent., XXIV, 309-310, 1892.
81. Notes on the genus *Enicocephalus* Westwood, and the description of a new species from Utah.
Proc. Ent. Soc. Wash., II, 328-330, 1892.
82. Notes on the eucharids found in the United States.
Proc. Ent. Soc. Wash., II, 354-358, 1892.
83. On the species of the genus *Mirax* found in North America.
Psyche, VI, 277-279, 1893.
84. [New species of parasites of *Anthonomus signatus*.]
Insect Life, v, 185-186, 1893.
85. Descriptions of new braconids bred by Prof. A. D. Hopkins.
Can. Ent., XXV, 67-79, 1893.
86. Synopsis of the Hormiinae of North America.
Trans. Amer. Ent. Soc., XX, 39-44, 1893.

87. Descriptions of new parasitic Hymenoptera bred by Prof. F. M. Webster.
Bul. Ohio Agr. Exp. Sta., Tech. Ser., Vol. I, 159-165, Pl. I, 1893.
88. A monograph of the North American Proctotrypidæ.
Bul. 45, U. S. Nat. Mus., 1-472, Pls. I-XVIII, 1893.
89. A new species of *Torymus*.
Ent. News, IV, 278-279, 1893.
90. Descriptions of two new hymenopterous parasites from water beetles.
Can. Ent., XXVI, 24-26, 1894.
91. The habits of the aculeate Hymenoptera.
Psyche, VII, (I) 19-26, (II) 39-46, (III) 59-66, (IV) 75-79, 1894.
92. Notes on the genus *Centrodora*.
Proc. Ent. Soc. Wash., III, 9-10, 1894.
93. A synopsis of the Spalangiiinæ of North America.
Proc. Ent. Soc. Wash., III, 27-37, 1894.
94. A new spider parasite.
Ins. Life, VI, 259-260, 1894.
95. Synopsis of the North American species of *Toxoneura* Say.
Proc. Ent. Soc. Wash., III, 47-53, 1894.
96. Notes on the family *Pachylommatoidæ*.
Proc. Ent. Soc. Wash., III, 55-60, 1894.
97. Some parasitic Hymenoptera from Lower California.
Proc. Cal. Acad. Sci., 2d ser., IV, 122-129, 1894.
98. Descriptions of thirteen new parasitic Hymenoptera, bred by Prof. F. M. Webster.
Journ. Cinc. Soc. Nat. Hist., XVII, 45-55, 1894.
99. Descriptions of new parasitic Hymenoptera. (Paper No. I.)
Trans. Amer. Ent. Soc., XXI, 318-244, 1894.
100. Notes on cotton insects found in Mississippi.
Ins. Life, VII, 25-29, 240-247, 1894; 320-326, 1895.
101. A new genus and species of Proctotrypidæ and a new species of *Brachystichia*, bred by Prof. F. M. Webster.
Journ. Cinc. Soc. Nat. Hist., XVII, 170-172, 1894.
102. Report on the parasitic Cynipidæ, part of the Braconidæ, the Ichneumonidæ, the Proctotrypidæ, and part of the Chalcididæ [of the Island of St. Vincent].
Journ. Linnean Soc. Lond. Zool., XXV, 61-78, 108-188, 188-254, 1894.

103. Notes on the genus *Liopteron* Perty.
Proc. Ent. Soc. Wash., III, 174-178, 1894.
104. Some important structural characters in the classification of the parasitic Hymenoptera.
Proc. Ent. Soc. Wash., III, 202-217, Pls. III-VII, 1895.
105. On the genus *Pelecinea* Westwood, and its position among the Chalcididae.
Proc. Ent. Soc. Wash., III, 230-234, 1895.
106. On the genus *Barycnemus* Förster.
Proc. Ent. Soc. Wash., III, 238-239, 1895.
107. *Lysiognatha*, a new and remarkable genus in the Ichneumonidae.
Proc. Ent. Soc. Wash., III, 275-278, 1895.
108. Discovery of the genus *Elasmosoma*, Ruthe, in America.
Proc. Ent. Soc. Wash., III, 280-284, 1895.
109. [A new *Eurytoma*.]
Psyche, VII, 271, 1895.
110. Description of a new species of *Telenomus*, bred by Mr. F. W. Urich, from a coccid.
Journ. Trinidad Field Naturalists' Club, II, 220, 1895.
111. Descriptions of three new parasitic Hymenoptera from the Illinois River.
Bul. Ill. State Lab. Nat. Hist., IV, 274-277, Pls. II-III, XIII, 1895.
112. Some parasitic Hymenoptera from Baja California and Tepic, Mexico.
Proc. Cal. Acad. Sci., 2d series, V, 539-555, 1895.
113. [A new parasite from the nest of *Prosopis varifrons*.]
Psyche, VII, 316, 1895.
114. [*Odynerus rufobasilaris* and a new species of parasite bred from it.]
Psyche, VII, 335-336, 1895.
115. Description of a new genus and species of proctotrypid bred by Mr. F. W. Urich from an embiid.
Journ. Trinidad Field Naturalists' Club, II, 264-266, 1895.
116. [A new bee and its parasite.]
Ent. News, VII, 25-26, 1896.
117. Report on the parasitic Hymenoptera of the Island of Grenada, comprising the families Cynipidae, Ichneumonidae, Braconidae, and Proctotrypidae.
Proc. Zool. Soc. London, 742-812, 1895.
118. Notes on the Hymenoptera collected by the Bahama expedition from the State University of Iowa.
Bul. Lab. Nat. Sci. State Univ. Iowa, 28-32, 1896.

119. Descriptions of new parasitic Hymenoptera. (Paper No. 2.)
Trans. Am. Ent. Soc., xxiii, 179-234, 1896.
120. On some reared parasitic hymenopterous insects from Ceylon. (Ichneumonidæ and Braconidæ.)
Proc. U. S. Nat. Mus., xviii, 644-648, 1896.
121. Descriptions of new cynipidous galls and gall-wasps in the United States National Museum.
Proc. U. S. Nat. Mus., xix, 113-136, 1896.
122. Rhopalosomidæ, a new family of fossorial wasps.
Proc. Ent. Soc. Wash., iii, 303-309, 1896.
123. The phylogeny of the Hymenoptera.
Proc. Ent. Soc. Wash., iii, 323-336, 1896.
124. [A new parasitic bee.]
Ent. News, vii, 218, 1896.
125. On the genera of the Eupelminæ.
Proc. Ent. Soc. Wash., iv, 4-20, 1896.
126. [A new parasite of spider's eggs.]
Ent. News, vii, 320, 1896.
127. Nitelopterus, a new larrid genus.
Ent. News, viii, 22-23, 1897.
128. Descriptions of some new genera and species of Canadian Proctotrypidæ.
Can. Ent., xxix, 53-56, 1897.
129. A new water-bug from Canada.
Can. Ent., xxix, 56, 1897.
130. Description of some new genera in the family Cynipidæ.
Psyche, viii, 67-69, 1897.
131. [California bees and their parasites.]
Proc. Sou. Cal. Acad. Sci., i, 3-6, 1897.
132. Two new parasites from Eupoeya slossoniæ.
Can. Ent., xxix, 113-114, 1897.
133. Descriptions of two new fossorial wasps.
Psyche, viii, 129-130, 1897.
134. Notes on some European hymenopterous parasites of the hessian-fly, *Cecidomyia destructor* Say, and other insects; bred by Dr. Paul Marchal, the French Government Entomologist.
Psyche, viii, 135-138, 1897.
135. Descriptions of five new genera in the family Cynipidæ.
Can. Ent., xxix, 260-263, 1897.

136. An egg parasite of *Smerinthus astylus* Drury.
Ent. News, ix, 24, 1898.
137. Descriptions of five new hymenopterous parasites on
Canarsia hammondi Riley.
Proc. Ent. Soc. Wash., iv, 124-131, 1898.
138. A new species of *Roptronia*.
Proc. Ent. Soc. Wash., iv, 132-133, 1898.
139. Descriptions of new parasitic Hymenoptera.
Proc. Ent. Soc. Wash., iv, 155-171, 1898.
140. [Table of genera of Xyelidæ.]
Psyche, viii, 214, 1898.
141. Classification of the horntails and sawflies, or the sub-
order Phytophaga. (Paper No. 1.)
Can. Ent., xxx, 141-145, 1898.
142. Classification of the horntails and sawflies, or the sub-
order Phytophaga. (Paper No. 2.)
Can. Ent., xxx, 177-183, 1898.
143. [A generic table of the Blennocampinæ.]
Journ. N. Y. Ent. Soc., vi, 127-129, 1898.
144. Thynnidæ in the United States.
Psyche, viii, 251, 1898.
145. Classification of the horntails and sawflies, or the sub-
order Phytophaga. (Paper No. 3.)
Can. Ent., xxx, 205-213, 1898.
146. Classification of the horntails and sawflies, or the sub-
order Phytophaga. (Paper No. 4.)
Can. Ent., xxx, 225-232, 1898.
147. Two new genera of sand wasps.
Ent. News, ix, 187-189, 1898.
148. Classification of the horntails and sawflies, or the sub-
order Phytophaga. (Paper No. 5.)
Can. Ent., xxx, 249-257, 1898.
149. Some new genera of bees.
Psyche, viii, 282-285, 1898.
150. Classification of the hortails and sawflies, or the sub-
order Phytophaga. (Paper No. 6.)
Can. Ent., xxx, 280-287, 1898.
151. Classification of the horntails and sawflies, or the sub-
order Phytophaga. (Paper No. 7.)
Can. Ent., xxx, 305-316, 1898.
152. Four new entomophilous wasps.
Ent. News, x, 9-10, 1899.

153. Super-families in the Hymenoptera and generic synopses of the families Thynnidæ, Myrmosidæ, and Mutillidæ.
Journ. N. Y. Ent. Soc., vii, 45-60, 1899.
154. Four new species belonging to the genus *Plenoculus* Fox.
Psyche, viii, 337-339, 1899.
155. Three new species in the genus *Diploplectron* Fox.
Ent. News, x, 55-56, 1899.
156. On the genera of the Cleonymidæ.
Proc. Ent. Soc. Wash., iv, 200-206, 1899.
157. On the genera of the Eucharidæ.
Proc. Ent. Soc. Wash., iv, 235-242, 1899.
158. Classification of the old family Chalcididæ.
Proc. Ent. Soc. Wash., iv, 242-249, 1899.
159. 'A' generic table of the family Panurgidæ: A reply to Mr. Cockerell's critique on the segregation of *Perdita* Cockerell.
Psyche, viii, 372-376, 1899.
160. Classification of the entomophilous wasps, or the super-family Sphegoidea. (Paper No. 1.)
Can. Ent., xxxi, 145-155, 1899.
161. Hymenoptera and Rhynchota of the Commander Islands. The Fur Seals and Fur-Seal Islands of the North Pacific Ocean, Pt. iv, 336-341, 1899.
162. Classification of the bees, or the superfamily Apoidea.
Trans. Amer. Ent. Soc., xxvi, 49-100, 1899.
163. Description of the type of *Polydontoscelis* Ashm.
Psyche, viii, 387-388, 1899.
164. Classification of the entomophilous wasps, or the super-family Sphegoidea. (Paper No. 2.)
Can. Ent., xxxi, 161-174, 1899.
165. Classification of the entomophilous wasps, or the super-family Sphegoidea. (Paper No. 3.)
Can. Ent., xxxi, 212-225, 1899.
166. The largest oak-gall in the world and its parasites.
Ent. News, x, 193-196, 1899.
167. Classification of the entomophilous wasps, or the super-family Sphegoidea. (Paper No. 4.)
Can. Ent., xxxi, 238-251, 1899.
168. Classification of the entomophilous wasps, or the super-family Sphegoidea. (Paper No. 5.)
Can. Ent., xxxi, 291-300, 1899.

169. Classification of the entomophilous wasps, or the superfamily Sphegoidea. (Paper No. 6.)
Can. Ent., xxxi, 322-330, 1899.
170. Classification of the entomophilous wasps, or the superfamily Sphegoidea. (Paper No. 7.—Conclusion.)
Can. Ent., xxxi, 345-357, 1899.
171. Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea. (Paper No. 1.)
Can. Ent., xxxii, 145-155, 1900.
172. On the genera of the chalcid-flies belonging to the subfamily Encyrtinæ.
Proc. U. S. Nat. Mus., xxii, 323-412, 1900.
173. Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea. (Paper No. 2.)
Can. Ent., xxxii, 185-188, 1900.
174. Report upon the aculeate Hymenoptera of the islands of St. Vincent and Grenada, with additions to the parasitic Hymenoptera and a list of the described Hymenoptera of the West Indies.
Trans. Ent. Soc. London, 1900, 207-367.
175. [Order Hymenoptera.]
Smith, Insects of New Jersey, 501-613, 1900.
176. Classification of the ichneumon flies or the superfamily Ichneumonoidea.
Proc. U. S. Nat. Mus., xxiii, 1-220, 1900.
177. Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea. (Paper No. 3.)
Can. Ent., xxxii, 295-296, 1900.
178. Notes on some New Zealand and Australian parasitic Hymenoptera, with descriptions of new genera and species.
Proc. Linn. Soc. New Sou. Wales, 327-360, 1900.
179. Description of a new genus in the Aphelininæ.
Can. Ent., xxxii, 349, 1900.
180. Some hymenopterous parasites from dragon-fly eggs.
Ent. News, xi, 615-617, 1900.
181. Some new exotic parasitic Hymenoptera.
Ent. News, xi, 623-630, 1900.
182. Some changes in generic names in the Hymenoptera.
Can. Ent., xxxii, 368, 1900.

183. Some insects of the Hudsonian Zone in New Mexico.—
II. Hymenoptera Parasitica.
Psyche, ix, 147-148, 1901.
184. Some Insects of the Hudsonian Zone in New Mexico.—
IV. Hymenoptera.
Psyche, ix, 185-186, 1901.
185. Three new parasitic Hymenoptera from South Africa.
Can. Ent., xxxiii, 138-140, 1901.
186. Magrettina, a new genus in the family Mymosidæ [sic].
Proc. Ent. Soc. Wash., iv, 444-445, 1901.
187. Hymenoptera parasitica.
Fauna Hawaiïensis, i, pt. iii, 277-364, Pls. viii, ix, 1901.
188. A new Pammegischia.
Ent. News, xii, 277-278, 1901.
189. New species of Evaniidæ.
Can. Ent., xxxiii, 300-304, 1901.
190. Descriptions of five new parasitic Hymenoptera.
Bul. 47, N. Y. State Mus., 586-589, 1901.
191. A new Bruchophagus from Mexico.
Psyche, ix, 324, 1902.
192. A new bumble bee from Colorado.
Ent. News, xiii, 50, 1902.
193. Classification of the fossorial, predaceous and parasitic
wasps, or the superfamily Vespoidea. (Paper No. 4.)
Can. Ent., xxxiv, 79-88, 1902.
194. A new *Catolaccus* on *Sitotroga cerealella* Oliv.
Psyche, ix, 345, 1902.
195. Papers from the Harriman Alaska Expedition. XXVIII.
Hymenoptera.
Proc. Wash. Acad. Sci., iv, 117-274, Pls. ix-xi, 1902.
196. Classification of the fossorial, predaceous and parasitic
wasps, or the superfamily Vespoidea. (Paper No. 5.)
Can. Ent., xxxiv, 130-137, 1902.
197. A new genus of diapiirids from Texas.
Biol. Bul., iii, 15, 1902.
198. Classification of the fossorial, predaceous and parasitic
wasps, or the superfamily Vespoidea. (Paper
No. 6.)
Can. Ent., xxxiv, 163-166, 1902.
199. Classification of the fossorial, predaceous and parasitic
wasps, or the superfamily Vespoidea. (Paper
No. 7.)
Can. Ent., xxxiv, 203-210, 1902.

200. Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea. (Paper No. 8.)
Can. Ent., xxxiv, 219-231, 1902.
201. Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea. (Paper No. 9.)
Can. Ent., xxxiv, 268-273, 1902.
202. Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea. (Paper No. 10.)
Can. Ent., xxxiv, 287-291, 1902.
203. The hymenopterous parasites of *Phenacoccus cavalliæ*, Ckll.
Can. Ent., xxxiv, 301-302, 1902.
204. *Ceropales* vs. *Agenioxenus*.
Ent. News, xiii, 318, 1902.
205. Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea. (Paper No. 11.)
Can. Ent., xxxv, 3-8, 1903.
206. Classification of the pointed-tailed wasps, or the superfamily Proctotrypidæ [sic]—I.
Journ. N. Y. Ent. Soc., x, 240-247, Dec., 1902.
207. Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea. (Paper No. 12.)
Can. Ent., xxxv, 39-44, 1903.
208. Book Notice. *Species des Hyménoptères d'Europe et d'Algérie: Les Mutillides*—Par Ernest André.
Can. Ent., xxxv, 49-50, 1903.
209. Classification of the gall-wasps and the parasitic cynipoids, or the superfamily Cynipoidea. I.
Psyche, x, 7-13, 1903.
210. Review. *Monographie des Cynipides d'Europe et d'Algérie*. Par l'Abbé J. J. Kieffer.
Psyche, x, 43-46, 1903.
211. Classification of the pointed-tailed wasps, or the superfamily Proctotrypoidea.—II.
Journ. N. Y. Ent. Soc., xi, 28-35, 1903.
212. Some new genera in the Cynipoidea.
Proc. Ent. Soc. Wash., v, 221-222, 1903.

213. Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea. (Paper No. 13.)
Can. Ent., xxxv, 95-107, 1903.
214. Classification of the gall-wasps and the parasitic cynipoids, or the superfamily Cynipoidea. II.
Psyche, x, 59-73, 1903.
215. A new oryssid from Chatham Islands, Bismark Archipelago.
Psyche, x, 73, 1903.
216. [Description of a new *Apanteles*.]
New Hampshire College Agr. Exp. Sta., Tech. Bul. 6, 229-230, 1903.
217. *Provespa*, a new genus in the Vespidae.
Ent. News, xiv, 182, 1903.
218. Two new parasitic Hymenoptera.
Ent. News, xiv, 192-193, 1903.
219. Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea. (Paper No. 14.)
Can. Ent., xxxv, 155-158, 1903.
220. *Myrmecosalius*, a new genus in the Ceropalidae.
Proc. Ent. Soc. Wash., v, 307-308, 1903.
221. Classification of the pointed-tailed wasps, or the superfamily Proctotrypoidea. III.
Journ. N. Y. Ent. Soc., xi, 86-99, 1903.
222. Description of a new genus in the Pireninæ, family Chalcididae, order Hymenoptera.
Indian Mus. Notes, v, 61-62, 1903.
223. The Homoptera of Alaska.
Harriman Alaska Expedition, viii, 127-137, 1904.
(Author's extras issued in June, 1903.)
224. Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea. (Paper No. 15.)
Can. Ent., xxxv, 199-205, 1903.
225. Two new phytophagous Hymenoptera.
Can. Ent., xxxv, 233, 1903.
226. Classification of the gall-wasps and the parasitic cynipoids, or the superfamily Cynipoidea. III.
Psyche, x, 140-155, 1903.
227. A new *Paranomia* from British Columbia.
Can. Ent., xxxv, 243, 1903.

228. Classification of the gall-wasps and the parasitic cynipoids, or the superfamily Cynipoidea. IV.
Psyche, x, 210-216, 1903.
229. Two new hymenopterous parasites.
Journ. N. Y. Ent. Soc., xi, 144, 1903.
230. Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea. (Paper No. 16.)
Can. Ent., xxxv, 303-310, 1903.
231. A new *Ammoplanus*.
Ent. News, xiv, 295, 1903.
232. Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea. (Paper No. 17.)
Can. Ent., xxxv, 323-332, 1903.
233. A new joint-worm parasite from Russia.
Can. Ent., xxxv, 332-333, 1903.
234. Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea. (Paper No. 18.)
Can. Ent., xxxvi, 5-9, 1904.
235. Description of the type of the genus *Curriea* Ashm.
Ent. News, xv, 18, 1904.
236. Descriptions of four new horn-tails.
Can. Ent., xxxvi, 63-64, 1904.
237. A list of the Hymenoptera of the Philippine Islands, with descriptions of new species.
Journ. N. Y. Ent. Soc., xii, 1-22, 1904.
238. Classification of the chalcid flies, or the superfamily Chalcidoidea, with descriptions of new species in the Carnegie Museum, collected in South America by Herbert H. Smith.
Memoirs Carnegie Mus., I, No. 4, pp. i-xi, 225-551, Pls. xxxi-xxxix, 1904.
239. Three new ichneumon flies from Russia.
Can. Ent., xxxvi, 101-102, 1904.
240. A new alysiid from Ceylon.
Ent. News, xv, 113, 1904.
241. Remarks on honey bees.
Proc. Ent. Soc. Wash., vi, 120-122, 1904.
242. New generic names in the Chalcidoidea.
Proc. Ent. Soc. Wash., vi, 126, 1904.
243. Descriptions of new Hymenoptera from Japan.
Journ. N. Y. Ent. Soc., xii, 65-84, 146-165, Pls. vii, viii, 1904.

244. Descriptions of new genera and species of Hymenoptera from the Philippine Islands.
Proc. U. S. Nat. Mus., xxviii, 127-158, Pls. I, II, 1904.
245. A new genus and some new species of Hymenoptera from the Philippine Islands.
Can. Ent., xxxvi, 281-285, 1904.
246. A new torymid from Utah.
Ent. News, xv, 302, 1904.
247. A hymenopterous parasite of the grape-berry moth, *Eudemis bortana* [sic] Schif.
Can. Ent., xxxvi, 333-334, 1904.
248. On the discovery of fig-insects in the Philippines.
Ent. News, xv, 342, 1904.
249. New Hymenoptera from the Philippine Islands.
Can. Ent., xxxvii, 3-8, 1905.
250. A new thrips from the Philippine Islands.
Ent. News, xvi, 20, 1905.
251. A new *Pezomachus* from Italy.
Can. Ent., xxxvii, 142-143, 1905.
252. Additions to the recorded hymenopterous fauna of the Philippine Islands, with descriptions of new species.
Proc. U. S. Nat. Mus., xxviii, 957-971, 1905.
253. Two new Mymaridæ from Russian Turkestan.
Ent. News, xvi, 213-214, 1905.
254. New Hymenoptera from the Philippine Islands.
Proc. U. S. Nat. Mus., xxix, 107-119, 1905.
255. New genera and species of Hymenoptera from the Philippines.
Proc. U. S. Nat. Mus., xxix, 397-413, 1905.
256. A skeleton of a new arrangement of the families, sub-families, tribes and genera of the ants, or the super-family Formicoidea.
Can. Ent., xxxvii, 381-384, 1905.
257. [A classification of the Poneridæ.]
Tech. Ser. 10, Bur. Ent., U. S. Dept. Agr., 38-40, 1905.
258. Classification of the foraging and driver ants, or the family Dorylidæ, with a description of the genus *Ctenopyga* Ashm.
Proc. Ent. Soc. Wash., viii, 21-31, 1906.
259. Descriptions of new Hymenoptera from Japan.
Proc. U. S. Nat. Mus., xxx, 169-201, Pls. XII-XV, 1906.
260. A new cryptine genus from Cuba.
Can. Ent., xxxviii, 294-295, 1906.

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