



James Halliday McDunnough, 1877-1962

Dr. J. H. McDunnough, linguist, musician, entomological taxonomist, and builder of insect collections, died in his 85th year, after a brief illness, at Halifax, Nova Scotia, on February 23, 1962. He was born on May 10, 1877, in Toronto, Ontario, where he obtained his early education at private schools, and at Jarvis Street Collegiate. His interest in entomology started as a boy, and with Dr. A. Gibson, Dr. E. M. Walker, Dr. R. S. Lillie and others, he formed an amateur biological club in Toronto just before 1900.

In 1897, Dr. McDunnough, accompanied by his mother and aunt, went to Berlin, Germany, where for six years he studied music and languages, played the viola in a symphony orchestra, tutored English to a Russian family, and toured England and Scotland. In 1904 he entered Berlin University to study entomology, and also as a prerequisite, enrolled in an extramural course in Modern Arts at Queen's University, Kingston, Ontario. In 1909 he received the M.A. degree from Queen's, and the Ph.D. degree from Berlin, based on a thesis on the structure of the intestine and its appendages of *Chrysopa perla* L. Also, in 1909 he married, and through the kindness of his old friend, Dr. R. S. Lillie, Director of the Marine Biological Laboratory, Wood's Hole, Massachusetts, Dr. McDunnough was employed at the laboratory for several months. During the tenure at Wood's Hole he became acquainted with H. G. Dyar, Smithsonian Institution, Washington, D.C., who made arrangements for him to be curator of the Barnes collection of Lepidoptera. Dr. William Barnes, a wealthy surgeon of Decatur, Illinois, had developed a very large collection of North American Lepidoptera,

and Dr. McDunnough was the first of several curators employed by him. During the nine years of their association, they were extremely productive and published jointly many taxonomic papers. The first four volumes of the *Contributions to the Natural History of North American Lepidoptera* and *Illustrations of North American Species of the Genus Catocala* are outstanding examples.

In 1918, at the request of Dr. A. Gibson, Chief of the Division of Field Crop and Vegetable Insects, Canada Department of Agriculture, Dr. McDunnough spent the summer at Ottawa arranging the Macrolepidoptera in the Canadian National Collection for the privilege of taking some duplicate specimens back to Barnes. In April 1919 he left Decatur and returned to Ottawa as chief of the newly created Division of Systematic Entomology. He was thus the first officer appointed to devote full time to the National Collection of Insects, and for three years was without technical assistance. During that period he sorted the large accumulation of insects of all orders that had been acquired by the Entomological Branch, started building a reference library and established the practice of insect faunal surveys. This led to an identification service that, particularly in Lepidoptera, quickly embraced almost all of North America. This expanded his interests, and in 1921 he started research on Ephemerae, Odonata, Tabanidae and Hemiptera, and at the same time, continued his work on Lepidoptera. He spent 28 years at Ottawa and was superannuated in November, 1946. In this tenure and with a small staff, he developed the collection from a few cabinets and many cigar boxes, to one that comprised about 3,000 drawers, and large collections in alcohol and on slides. The collections contained type material of 5,690 North American species, and was one of the best collections of North American insects. The library had grown to about 4,000 bound volumes and several thousand pamphlets and authors' separates. The practice of conducting insect faunal surveys in Canada became routine, and Dr. McDunnough personally made collections in all of the provinces except Newfoundland, Saskatchewan and the northern Territories.

In November, 1946, he was appointed Research Associate, Department of Insects and Spiders, American Museum of Natural History, New York City. He enjoyed working at that museum but disliked the lack of nearby collecting places, and shortly after the death of Mrs. McDunnough on February 11, 1950, he left New York and went to the Nova Scotia Museum of Science, Halifax. At Halifax he retained his connection with the American Museum of Natural History, and the productiveness of his research at both places resulted in many American Museum publications. At Halifax, he devoted his time both in the museum and in the field mainly to Microlepidoptera. He continued working at the museum until November, 1961, when ill health confined him to his home at 1950 Robie Street. He was admitted to hospital in Halifax shortly after the New Year, and died on February 23, 1962. He was one of the very few remaining pioneers of North American lepidopterology.

Dr. McDunnough was a Fellow of the Royal Society of Canada and of the Entomological Society of America. He was an Honorary Member of the New York Entomological Society and of the Lepidopterists' Society. He was editor of the *Canadian Entomologist* from 1921 to 1938.

Dr. McDunnough enjoyed classical music and made a fairly large collection of recordings of string solos, duets and trios. He also enjoyed golf and bridge. However, his work was his main hobby and he was a tireless collector and worker. His publications are numerous, and although the number of revisionary papers are few, he contributed a great deal by the descriptions of many new

species, the establishment of correct synonymy, and the "tying down" of old names.

Following is a list of his publications.

T. N. FREEMAN

List of Publications

1. McDunnough, J. 1909. Einige Bemerkungen zu *Parn. appolonius narynus* Fruhst. *Ent. Zeit. Stuttgart* 22: 179-181.
2. McDunnough, James. 1909. Über den Bau des Darms und seiner Anhänge von *Chrysopa perla* L. *Arch. Natg. Berlin*, 75 Bd. I, 313-360, 5 Taf.
3. — 1909. Ueber den Bau des Darms und seiner Anhänge von *Chrysopa perla* L. Teil I. Larvae *Diss. Berlin (Druck v. E. Ebering)*, 1-48.
4. Barnes, W. and McDunnough, J. 1910. New species and varieties of North American Lepidoptera. *Can. Ent.* 42: 208-213.
5. — 1910. A new *Thecla* from Texas. *Can. Ent.* 42: 365.
6. — 1910. New North American Cossidae. *Ent. News* 21: 463-466.
7. — 1910. New species and varieties of North American Lepidoptera. *Jour. New York Ent. Soc.* 18: 149-162.
8. — 1910. List of Sphingidae of America north of Mexico. *Psyche* 17: 190-206.
9. — 1911. Notes on two species of *Apantesis*. *Can. Ent.* 43: 257-259, pl. iii.
10. — 1911. On *Cea immacula* and allied species. *Can. Ent.* 43: 318-320.
11. — 1911. Revision of the Cossidae of North America. *Cont. Nat. Hist. Lep. N. Amer.* 1 No. 1: 1-35, pls. I-VII.
12. — 1911. The lasiocampid genus *Gloveria* and its allies. With note by H. G. Dyar. p. 17. *Cont. Hist. Lep. N. Amer.* 1 No. 2: 1-17, pls. I-IV.
13. — 1911. Concerning *Archylus tener* Druce. *Ent. News* 22: 265-266.
14. — 1911. Additional new species of North American Lepidoptera. *Jour. New York Ent. Soc.* 19: 81-85.
15. — 1911. New species and genera of North American Lepidoptera. *Jour. New York Ent. Soc.* 19: 151-162.
16. Barnes, W. and McDunnough, J. 1911. On certain *Olene* species. *Psyche* 18: 157-159, pl. XIII.
17. McDunnough, J. 1911. On the nomenclature of the male genitalia in Lepidoptera. *Can. Ent.* 43: 181-192.
18. — 1911. Peculiar habits of a hepialid moth. *Can. Ent.* 43: 289 and 292.
19. Barnes, W. and McDunnough, J. 1912. New species and genera of North American Lepidoptera. *Can. Ent.* 44: 17-22, 52-57, 90-93.
20. — 1912. New Noctuid species. *Can. Ent.* 44: 216-218.
21. — 1911-1912. *Cont. Nat. Hist. Lepid. N. Amer.* Vol. 1, No. 1-3, 8 vo.
22. — 1912. Revision of the Megathymidae. *Cont. Nat. Hist. Lepid. N. Amer.* 1, No. 3, 1-43, pls. I-VI.
23. — 1912. Fifty new species and varieties. *Cont. Nat. Hist. Lepid. N. Amer.* 1, No. 5, 3-36, pls. I-V.
24. — 1912. The genus *Alpheias* Rag. and its allies. *Cont. Nat. Hist. Lepid. N. Amer.* 1, No. 5, 37-44, pl. iii.
25. — 1912. On the generic types of North American diurnal Lepidoptera. *Cont. Nat. Hist. Lepid. N. Amer.* 1, No. 6, 1-13.
26. — 1912. A new cossid. *Ent. News* 23: 55-56, pl. VI.
27. — 1912. New Microlepidoptera. *Ent. News* 23: 219-221.
28. — 1912. On the early stages of certain geometrid species. *Psyche* 19: 14-20.
29. — 1913. Species of Lepidoptera new to our fauna; with synonymical notes. *Can. Ent.* 45: 182-185.
30. — 1913. Some new American Anaphorinae. *Can. Ent.* 45: 419-421, 1 pl.
31. — 1913. Illustrations of rare and typical Lepidoptera. *Cont. Nat. Hist. Lepid. N. Amer.* 2: 1-44, pls. i-xxi.
32. Barnes, W. and McDunnough, J. 1913. The N. American species of the liparid genus *Olene*. *Cont. Nat. Hist. Lepid. N. Amer.* 2: 45-90, pls. i-vii.
33. — 1913. New N. Am. Lepidoptera with notes on described species. *Cont. Nat. Hist. Lepid. N. Amer.* 2: 91-162, pls. i-ix.
34. — 1913. Some apparently new Lepidoptera from southern Florida. *Cont. Nat. Hist. Lepid. N. Amer.* 2: 163-194, pls. i-iv.
35. — 1913. On the early stages of some western *Catocala* species. *Psyche* 20: 188-202.
36. McDunnough, J. 1913. Concerning the reputed disastrous occurrence of *Vanessa californica* in Oregon and California. *Can. Ent.* 45: 233-235.

37. Barnes, W. and McDunnough, J. 1914. Synonymic note on North American Lepidoptera. *Cont. Nat. Hist. Lepid. N. Amer.* 2: 197-223.
38. — 1914. Some new North American Pyraustinae. *Cont. Nat. Hist. Lepid. N. Amer.* 2: 223-246, 2 pls.
39. — 1913. A new pyromorphid from Texas. *Can. Ent.* 45: 295.
40. McDunnough, J. 1914. Notes on the synonymy of Boisduval's N. American species of Lycaenidae. *Entom. Rec. London* 26: 194-203.
41. — 1915. Synonymical notes. *Ent. News* 26: 471.
42. — 1915. A new genus and a new species of Lepidoptera from Arizona. *Can. Ent.* 47: 20-22.
43. — 1916. An apparently new species of *Phalomia*. *Can. Ent.* 48: 144.
44. — 1916. Some new races and species of North American Lepidoptera. *Can. Ent.* 48: 221-226.
45. McDunnough, J. 1916. On the types of certain noctuid genera occurring in North America. *Ent. News* 27: 393-400.
46. McDunnough, J. 1916. Notes on types of Lepidoptera in Snow Collection. *Can. Ent.* 48: 25-28.
47. Barnes, W. and McDunnough, J. 1916. Contributions to the Natural History of the Lepidoptera of North America 3: 1-261, pls. i-xxxiii.
48. — 1917. Contributions to the Natural History of the Lepidoptera of North America 4: 58, 10 pls.
49. — 1917. Check List of the Lepidoptera of boreal America. Decatur, Ill.
50. — 1917. A new Canadian noctuid. *Can. Ent.* 49: 320.
51. — 1917. Some pyralid notes. *Can. Ent.* 49: 371-374.
52. — 1917. New North American Phycitinae. *Can. Ent.* 49: 404-406.
53. — 1918. Contributions to the Natural History of the Lepidoptera of North America 4, No. 2, 61-208, pls. xi-xxv.
54. — 1918. Life-histories of North American species of the genus *Catocala*. *Bull. Amer. Mus. Nat. Hist.* 38: 147-177.
55. McDunnough, J. 1918. Dates of issue of the plates of Guérin's Iconographie du regne animal Lepidoptera. *Ent. News* 29: 378-380.
56. Barnes, W. and McDunnough, J. 1919. Notes on the genus *Olene*, with description of a new species. *Can. Ent.* 51: 102.
57. McDunnough, J. 1919. Directions for collecting and preserving insects. *Dep. Agric. Canad. Ent. Circ.* 12: 14.
58. McDunnough, J. 1920. Remarks on Hubner's Tentamen. *Ent. Rec.* 32: 11-12.
59. — 1920. Studies in North American Cleorini. *Dept. Agric. Bull.* 18: 1-64, pls. I-XI.
60. — 1920. Notes on Life History of *Phyciodes batesi* Reak. *Can. Ent.* 52: 56-59, pl. I.
61. — 1920. Notes on the Larvae and Pupae of certain Pterophorid Species. *Can. Ent.* 52: 87-93, pl. II.
62. McDunnough, J. 1920. New Species of Lepidoptera. *Can. Ent.* 52: 161-165, pl. IV.
63. — 1921. Dragonflies of the Lake of Bays Region. *Can. Ent.* 53: 6.
64. — 1921. Additional Records of Dragonflies from the Ottawa Region. *Can. Ent.* 53: 14.
65. — 1921. A New Race of *Strymon melinus* Hbn. *Can. Ent.* 53: 47.
66. — 1921. New British Columbia Tussock Moth, *Hemerocampa pseudotsugata*. *Can. Ent.* 53: 53-56.
67. — 1921. A New *Anisota* species from Manitoba. *Can. Ent.* 53: 75.
68. — 1921. Notes on a Collection of Labrador Lepidoptera. *Can. Ent.* 53: 81-87.
69. — 1921. Two New Canadian Mayflies. *Can. Ent.* 53: 117-120, pl. IV.
70. — 1921. A Revision of the Canadian species of the *Affinis* Group of the Genus *Tabanus*. *Can. Ent.* 53: 139-144.
71. — 1921. Two New Canadian Crambid Moths. *Can. Ent.* 53: 160.
72. — 1921. Note on the generic position of two Canadian Arctiids, with description of new species. *Can. Ent.* 53: 167-168.
73. — 1921. The Canadian Species of the Genus *Anomogyna*. *Can. Ent.* 53: 176-180.
74. — 1921. *Samia euryalus* Bvd. the correct name for the Californian Silk Worm Moth. *Can. Ent.* 53: 191-192.
75. — 1922. Undescribed Lepidoptera in the Canadian National Collection. *Can. Ent.* 54: 34-47, 1 pl.
76. — 1922. A Further Note on the Genus *Platyrepia*. *Can. Ent.* 54: 66.
77. — 1922. Synonymic Notes on *Catocala* Species. *Can. Ent.* 54: 100-101.
78. McDunnough, J. 1922. Notes on the Lepidoptera of Alberta. *Can. Ent.* 54: 134-141.
79. — 1922. A Correction. *Can. Ent.* 54: 168.
80. — 1922. Some Apparently Undescribed Noctuidae. *Can. Ent.* 54: 236-238.

81. — 1922. Two New Canadian Tabanidae. *Can. Ent.* 54: 238-240.
82. — 1922. Synonymic Notes on Lepidoptera. *Ent. News* 33: 228-229.
83. — 1922. Notes on Canadian Dragonflies for the Season 1922. *Can. Ent.* 54: 255-257.
84. — 1922. A New Western *Catocala*. *Can. Ent.* 54: 288.
85. — 1923. New Canadian Ephemeridae with Notes. *Can. Ent.* 55: 39-50, 3 figs.
86. — 1923. Notes on Pterophoridae with Descriptions of New Species. *Can. Ent.* 55: 85-87.
87. — 1923. Notes on the Identity of *Sphinx vancouverensis* Edw. *Can. Ent.* 55: 147-148.
88. — 1923. New Canadian Lepidoptera. *Can. Ent.* 55: 163-168.
89. — 1924. New Ephemeridae from Illinois. *Can. Ent.* 56: 7-9, 1 fig.
90. — 1924. Some New Canadian Argynnid Races (Lepid.). *Can. Ent.* 56: 42-43.
91. — 1924. Distributional Notes on Canadian Dragonflies. *Can. Ent.* 56: 72-73.
92. — 1924. New Canadian Ephemeridae with Notes, II. *Can. Ent.* 56: 90-98, 128-133.
93. — 1924. New Ephemeridae from New England. *Occ. Pap. Boston Soc. N.H.* 5: 73-76, 1 pl.
- 93a. — 1924. New North American Ephemeridae. *Can. Ent.* 56: 221-226, 1 pl.
94. — 1924. Some Synonymical Notes on Lepidoptera. *Can. Ent.* 56: 249.
95. — 1924. Notes on the *Ribearia* Group of the Genus *Itame*. *Can. Ent.* 56: 271-277, 1 pl.
96. McDunnough, J. 1925. New Canadian Lepidoptera with Notes. *Can. Ent.* 57: 11-23, 2 pls.
97. — 1925. New *Ephemerella* Species. *Can. Ent.* 57: 41-43.
98. — 1925. New Canadian Eucosminae. *Can. Ent.* 57: 115-116.
99. — 1925. New Canadian Ephemeridae with Notes, III. *Can. Ent.* 57: 168-176, 11 figs., 185-192, 1 pl.
100. — 1925. Complete faunal list of Canadian Eucosminae and Ephemeroptera. *Ent. Record for 1924*, 3-7; 16-19.
101. — 1925. The Ephemeroptera of Covey Hill, Que. *Trans. R.S.C.* 19: Sec. 5, 207-223, 1 pl.
102. — 1925. *Euxoa ridgingiana* and Its Allies. *Can. Ent.* 57: 242-244.
103. — 1925. Notes on *Saldula obscura* Prov. with Descriptions of a new Species. *Can. Ent.* 57: 257-260.
104. — 1925. Notes on Some Species of the Genus *Anarta*. *Can. Ent.* 57: 307-309.
105. — 1926. The Canadian National Collection of Insects. *Can. Field Nat.* 40: 36-40.
106. — 1926. Notes on the Species of the Genus *Xanthotype*. *Can. Ent.* 58: 119-121.
107. — 1926. Notes on the Provancher Collection of Damsel-Flies. *Can. Ent.* 58: 168-169.
108. — 1926. Notes on North American Ephemeroptera with Descriptions of New Species. *Can. Ent.* 58: 184-196.
109. — 1926. A New *Haploptilia* from Sweet Fern. *Can. Ent.* 58: 218.
110. — 1926. New Canadian Ephemeridae with Notes IV. *Can. Ent.* 58: 296-303.
111. — 1927. A New *Ephemerella* from Illinois (Ephemeroptera). *Can. Ent.* 59: 10.
112. — 1927. Two New Canadian Tortricids (Lepid.). *Can. Ent.* 59: 33-34.
113. McDunnough, J. 1927. Notes on Certain Agrotid Genera and Species (Lepid.). *Can. Ent.* 59: 64-66.
114. — 1927. Notes on the Species of the Genus *Hexagenia* with Description of a New Species (Ephemeroptera). *Can. Ent.* 59: 116-120.
115. — 1927. Contribution Toward a Knowledge of our Canadian Plume Moths (Lepidoptera). *Trans. Roy. Soc. Canada.* 175-188.
116. — 1927. A New *Hemimene* from Alberta (Eucosmidae, Lepid.). *Can. Ent.* 59: 225-226.
117. — 1927. The Lepidoptera of the Seton Lake Region, British Columbia. *Can. Ent.* 59: July, August, September, October and November.
118. — 1927. A New *Heptagenia* from the Yellowstone Region (Ephemeroptera). *Can. Ent.* 59: 261.
119. — 1927. A New Cleorid with Notes on Synonymy (Geometridae, Lepid.). *Can. Ent.* 59: 277-278.
120. — 1928. The Ephemeroptera of Jasper Park, Alta. *Can. Ent.* 60: 8-10.
121. — 1928. Ephemerid Notes with Description of a New Species. *Can. Ent.* 60: 238-240.
122. — 1928. A New *Euphydryas*. *Can. Ent.* 60: 248-249.
123. — 1928. Notes on Canadian Diurnal Lepidoptera. *Can. Ent.* 60: 266-275.
124. — 1929. Synonymic Notes on Canadian *Eupithecias* (Geomet., Lepid.). *Can. Ent.* 61: 59-69.
125. — 1929. A Generic Revision of North American Agrotid Moths. Bulletin No. 55, National Museum of Canada.
126. — 1929. Notes on Some Diurnal Lepidoptera from Yellowstone Park and the Adjacent Regions of Montana. *Can. Ent.* 61: 105-107.

127. — 1929. Notes on North American Ephemeroptera with Descriptions of New Species, II. *Can. Ent.* 61: 169-180.
128. McDunnough, J. 1929. Some Apparently New Microlepidoptera. *Can. Ent.* 61: 266-271.
129. — 1930. The Ephemeroptera of the North Shore of the Gulf of St. Lawrence. *Can. Ent.* 62: 54-62.
130. — 1930. The Lepidoptera of the North Shore of the Gulf of St. Lawrence. *Can. Ent.* 62: 107-117.
131. — 1930. Notes on *Scotogramma oregonica* and its Allies. *Can. Ent.* 62: 180-183.
132. — 1931. The *Bicolor* Group of the Genus *Ephemerella* with Particular Reference to the Nymphal Stages. *Can. Ent.* 63: 30-42; 61-68.
133. — 1931. Note on the Larvae of *Metrea ostreonalis*. *Can. Ent.* 63: 50.
134. — 1931. A New Race of *Sphinx gordius*. *Can. Ent.* 63: 73.
135. — 1931. New Species of North American Ephemeroptera. *Can. Ent.* 63: 82-93.
136. — 1931. A New *Argyroproce* Species. *Can. Ent.* 63: 150-152.
137. — 1931. The Genus *Isonychia*. *Can. Ent.* 63: 157-163.
138. — 1931. The Eastern North American Species of the Genus *Ephemerella* and their Nymphs. *Can. Ent.* 63: 187-197; 201-216.
139. — 1931. New North American Caeninae with Notes. *Can. Ent.* 63: 254-268.
140. — 1932. Note on Two Canadian Species of *Eupithecia*. *Can. Ent.* 64: 2.
141. — 1932. Some Undescribed Races of Notodontidae. *Can. Ent.* 64: 39.
142. — 1932. Further Notes on the Ephemeroptera of the North Shore of the Gulf of St. Lawrence. *Can. Ent.* 64: 78-81.
143. — 1932. Notes on Agrotid genera with descriptions of New Species. *Can. Ent.* 64: 104-112.
144. — 1932. New Species of North American Ephemeroptera II. *Can. Ent.* 64: 209-215.
145. McDunnough, J. 1932. Notes on the Synonymy of Certain *Euxoa* Species with Descriptions of New Species. *Can. Ent.* 64: 229-236.
146. — 1932. Notes on Some Diurnal Lepidoptera Figured in Holland's Revised Butterfly Book. *Can. Ent.* 64: 267-270.
147. — 1933. Notes on the Heptagenine Species Described by Clemens from the Georgian Bay Region, Ont. *Can. Ent.* 64: 16-24; 33-43.
148. — 1933. The Nymph of *Cinygma integrum* and Description of a New Heptagenine Genus. *Can. Ent.* 64: 73-76.
149. — 1933. Notes on the Early Stages of Certain Noctuid and Geometrid Species. *Can. Ent.* 64: 121-126.
150. — 1933. New Species of North American Ephemeroptera III. *Can. Ent.* 64: 155-158.
151. — 1933. Biological Notes on Some of our Eastern Ontario *Haploptilia* species (Lepid.) with Descriptions of Two New Species. *Can. Ent.* 64: 160-168.
152. — 1933. Notes on North American Lepidoptera with Descriptions of New Species. *Can. Ent.* 64: 200-208.
153. — 1933. Notes on the Biology of Certain Tortricid Species with Structural details of the larvae and pupae. *Can. Jour. Res.* 9: 502-517.
154. — 1933. New Ephemeroptera from the Gaspé Peninsula. *Can. Ent.* 65: 278-281.
155. — 1934. Notes on Canadian Diurnal Lepidoptera. *Can. Ent.* 66: 81-87.
156. — 1934. New Species of North American Ephemeroptera IV. *Can. Ent.* 66: 154-164; 181-188.
157. — 1934. The Canadian Species of the Tortricid Genus *Peronea*. *Can. Jour. Res.* 11: 290-332.
158. McDunnough, J. 1934. On Forbes' Grouping of Agrotine Genera. *Can. Ent.* 66: 202-203.
159. — 1934. A New Agrotid Moth from Southeastern California. *Can. Ent.* 66: 257-258.
160. — 1935. A New Race of *Argynnis Cybele* from Nova Scotia. *Can. Ent.* 67: 18-19.
161. — 1935. Notes on Early Stages of Certain Canadian Microlepidoptera. *Can. Ent.* 67: 68-78.
162. — 1935. Notes on Western Species of Ephemeroptera. *Can. Ent.* 67: 95-104.
163. — 1935. An Apparently New Pherne from California. *Can. Ent.* 67: 110-111.
164. — 1935. A New Noctuid from Southern California. *Can. Ent.* 67: 135-136.
165. — 1935. New Canadian Eucosmids with Notes. *Can. Ent.* 67: 140-149.
166. — 1935. Notes on Canadian Noctuids and Pyralids with Descriptions of New Species. *Can. Ent.* 67: 172-179.
167. — 1935. Notes on Two Nova Scotia Butterflies. *Can. Ent.* 67: 211-212.
168. — 1936. On the Identity and Type Locality of *Euphydryas editha*. *Bull. S. Calif. Acad. Sci.* 35: 1-2.

169. — 1936. A New Arctic Baetid. *Can. Ent.* 68: 33-34.
170. — 1936. On the Identity of a so-called Race of *Parnassius smintheus* from Manitoba. *Can. Ent.* 68: 43.
171. — 1936. A New *Heliolonche* from Southern California. *Can. Ent.* 68: 45-46.
172. — 1936. A New *Haploptilia* with Notes on Two other Species. *Can. Ent.* 68: 52-55.
173. McDunnough, J. 1936. Further Notes on Canadian Plume Moths. *Can. Ent.* 68: 63-69.
174. — 1936. A New Race of *Glaucopsyche lydamus* from the White Mountains, Arizona. *Can. Ent.* 68: 113.
175. — 1936. Further Notes on the Genus *Ameletus* with Descriptions of New Species. *Can. Ent.* 68: 207-211.
176. — 1936. A Critical Review of the Treatment of North American *Parnassius* species by Felix Bryk in *Das Tierreich*, Part 65. *Can. Ent.* 68: 216-225.
177. — 1936. Further Notes on the Synonymy of North American *Eupithecia*. *Can. Ent.* 68: 257-259.
178. — 1936. A New Race of *Parnassius smintheus* from California. *Can. Ent.* 68: 272-274.
179. — 1937. Critical Notes on the Canadian Species of the Genus *Erebia*. *Can. Ent.* 69: 14-18.
180. — 1937. Notes on North American Noctuid Genera. *Can. Ent.* 69: 40-47; 58-66.
181. — 1937. A New *Rancora* from the Mohave Desert. *Can. Ent.* 69: 77-79.
182. — 1937. Undescribed Species and Varieties of Lepidoptera. *Can. Ent.* 69: 152-157.
183. — 1937. The *Laudabilis* Group of *Lacimipolia*. *Can. Ent.* 69: 177-185.
184. — 1938. New Species of North American Ephemeroptera with Critical Notes. *Can. Ent.* 70: 23-34.
185. — 1938. New Lepidoptera from Southern California. *Can. Ent.* 70: 55-59.
186. — 1938. A New Cleorid from Southeastern California. *Can. Ent.* 70: 85.
187. — 1938. Some Apparently New Eucosmidae. *Can. Ent.* 70: 90-100.
188. — 1938. Notes on Certain of Walsingham's Species of *Oidaematophorus* with Descriptions of New Species. *Can. Ent.* 70: 128-132.
189. McDunnough, J. 1938. An Apparently New *Eupithecia* from Eastern North America. *Can. Ent.* 70: 171-173.
190. — 1938. Some Apparently New Texan *Eupithecia*. *Can. Ent.* 70: 236-242.
191. — 1939. New British Columbian Ephemeroptera. *Can. Ent.* 71: 49-54.
192. — 1939. A New Californian Agrotid. *Bull. S. Calif. Acad. Sci.* 38: 30.
193. — 1939. Pterophorid Descriptions and Notes. *Can. Ent.* 71: 109-112.
194. — 1939. *Papilio brevicauda* in Cape Breton Island, N.S. *Can. Ent.* 71: 153-158.
195. — 1939. New North American Geometridae with Notes, I. *Can. Ent.* 71: 187-192.
196. — 1939. A New Race of *Papilio* Belonging to the machaon Complex. *Can. Ent.* 71: 216-217.
197. — 1939. An Apparently New Epipaschid from Nova Scotia. *Can. Ent.* 71: 221-222.
198. — 1939. New Species of Geometridae with Notes, II. *Can. Ent.* 71: 249-258.
199. — 1939. A New *Coenonympha* Race from Northeastern New Brunswick. *Can. Ent.* 71: 266.
200. — 1940. The Argynnids of the Cariboo Region of British Columbia. *Can. Ent.* 72: 23-25.
201. — 1940. *Eupithecia* Notes. *Can. Ent.* 72: 35-40.
202. — 1940. Notes on the Genus *Peronea* with Description of a New Species. *Can. Ent.* 72: 59-61.
203. — 1940. New North American Geometridae with Notes, III. *Can. Ent.* 72: 93-103.
204. — 1940. A New Race of *Lycaena dorcas* from Northeastern New Brunswick. *Can. Ent.* 72: 130-131.
205. McDunnough, J. 1939. Undescribed Species and Races of Phalaenidae. *Can. Ent.* 72: 191-201.
206. — 1939. Some Maritime Coleophoridae. *Trans. Roy. Soc. Canada*, Section V, 53-68.
207. — 1940. A New *Pseudexentera* from Hickory. *Can. Ent.* 72: 243-244.
208. — 1941. On the Characters of Two Genera Closely Allied to *Eupithecia*. *Can. Ent.* 73: 62-63.
209. — 1941. New Species of Moths, Mostly Californian. *Can. Ent.* 73: 66-76.
210. — 1941. A New Coleophorid of the Metallic-winged Group. *Can. Ent.* 73: 91.
211. — 1941. A New Albertan Olethreutid. *Can. Ent.* 73: 98-99.
212. — 1941. Some Apparently Undescribed Coleophoridae from the Ottawa Region. *Can. Ent.* 73: 160-164.
213. — 1941. *Oncocnemis riparia* Morr. and its Races. *Can. Ent.* 73: 171-174.
214. — 1941. *Eupithecia* Notes, II. *Can. Ent.* 73: 189-193.
215. — 1942. A New Canadian Strymon. *Can. Ent.* 74: 1.

216. — 1942. Tortricid Notes and Descriptions. *Can. Ent.* 74: 63-71.
217. — 1942. Notes on Pantheinae. *Can. Ent.* 74: 93-95.
218. — 1942. An Apparently New *Thraulodes* from Arizona. *Can. Ent.* 74: 117.
219. — 1942. An Apparently Undescribed *Graptolitha* from British Columbia with Notes. *Can. Ent.* 74: 161-163.
220. — 1942. Further Notes on Maritime Coleophoridae. *Can. Ent.* 74: 167-172.
221. — 1942. Notes on the Early Stages of Two *Eupithecia* Species. *Can. Ent.* 74: 202-203.
222. — 1942. Two Undescribed Canadian Microlepidoptera. *Can. Ent.* 74: 224.
223. — 1943. A Note on *Prodenia ornithogalli* Gn. *Can. Ent.* 75: 1.
224. — 1943. A New *Cinygmula* from British Columbia. *Can. Ent.* 75: 3.
225. McDunnough, J. 1943. Notes on the *betulella* group of *Depressaria*, with descriptions of new species. *Can. Ent.* 75: 34-36.
226. — 1943. Hadenine Notes and Descriptions. *Can. Ent.* 75: 43-57.
227. — 1943. Phalaenid Notes and Descriptions. *Can. Ent.* 75: 59-62.
228. — 1943. A Revision of the *obliqua-metata* group of the genus *Zale*. *Can. Ent.* 75: 146-158.
229. — 1943. Notes and Descriptions of North American Geometridae. *Can. Ent.* 75: 211-218.
230. — 1944. Genotype Tangles. *Can. Ent.* 76: 20.
231. — 1944. The *Palpata* Group of the Genus *Eupithecia* with notes and Descriptions. *Can. Ent.* 76: 45-56.
232. — 1944. *Hydriomena* Studies I — The *glaucata-crockeri* Group. *Bull. So. Calif. Acad. Sci.* 43: 23-29.
233. — 1944. Revision of the North American Genera and Species of the Phalaenid Subfamily Plusiinae. *Mem. South Calif. Acad. Sci.* Vol. II, No. 2, 175-232.
234. — 1944. Three Aster-feeding Coleophorids and their Allies. *Can. Ent.* 76: 104-109.
235. — 1944. A Correction regarding the female sex of *Coleophora quadruplex* McD. *Can. Ent.* 76: 110.
236. — 1944. New Microlepidoptera with Notes. *Can. Ent.* 76: 153-156.
237. — 1944. A New Arizona *Hydriomena*. *Can. Ent.* 76: 173-174.
238. — 1944. Two New Races of Theclinae from Southern British Columbia. *Can. Ent.* 76: 190-191.
239. — 1944. *Hydriomena* Studies II. The *Ruberata* Group. *Can. Ent.* 76: 206-210.
240. — 1945. Notes on Chambers' Coleophorid Types in the Museum of Comparative Zoology, Cambridge, Mass. *Can. Ent.* 76: 237-241.
241. McDunnough, J. 1945. New Coleophoridae. *Can. Ent.* 77: 49-52.
242. — 1945. Results from an examination of Geometrid Types in the Cambridge Museum of Comparative Zoology. *Can. Ent.* 77: 62-68.
243. — 1945. New North American Geometridae with Notes, IV. *Can. Ent.* 77: 97-103.
244. — 1945. Concerning certain North American Coleophorids with unicolorous brown wings. *Can. Ent.* 77: 145-150.
245. — 1945. New North American *Eupithecias* I. *Can. Ent.* 77: 168-176.
246. — 1946. A Study of the *caryaefoliella* group of the family Coleophoridae. *Can. Ent.* 78: 1-14.
247. — 1946. New North American Phalaenidae with notes. *Can. Ent.* 78: 28-35.
248. — 1946. Some Coleophoridae of Eastern Ontario and Northwestern Nova Scotia. *Can. Ent.* 78: 54-63.
249. — 1946. Note on certain *Diclororampa* species. *Can. Ent.* 78: 65-67.
250. — 1946. The Species of the *Truncata* group of the genus *Dysstroma*. *Can. Ent.* 78: 71-78.
251. — 1946. New North American *Eupithecias*, II. *Can. Ent.* 78: 86-89.
252. — 1946. Gracillariid Studies. *Can. Ent.* 78: 91-95.
253. — 1946. Notes on Robinia-feeding Phycitid Larvae. *Can. Ent.* 78: 109.
254. — 1947. Notes on the *ericoides-duplicis* group of the genus *Coleophora*. *Can. Ent.* 78: 147-153.
255. — 1947. The Agrotid genus *Agrotiphila* Grt. and its Genotype. (Lepidoptera). *Can. Ent.* 79: 38-39.
256. — 1949. Critical notes on certain *Pero* species (Lepidoptera, Geometridae). *Amer. Mus. Novit.* no. 1393. 11 pp.
257. — 1949. Notes on Phalaeninae (Lepidoptera). *Amer. Mus. Novit.* no. 1394. 14 pp. 7 figs.
258. McDunnough, J. 1949. A study of the species of the genus *Stretchia* (Lepidoptera, Phalaenidae, Hadeninae). *Amer. Mus. Novit.* no. 1436: 29 pp. 4 figs.

259. — 1949. Revision of the North American species of the genus *Eupithecia* (Lepidoptera, Geometridae). *Bull. Amer. Mus. Nat. Hist.* 93: 535-728, 7 pls. 20 figs.
260. — 1950. Species of *Euxoa* of eastern North America, with particular reference to genitalic characters (Lepidoptera, Phalaenidae). *Bull. Amer. Mus. Nat. Hist.* 95: 355-408, 11 figs.
261. — 1951. On the identity of two eastern North American *Hydriomena* species (Lepidoptera, Geometridae). *Amer. Mus. Novit.* no. 1535: 13 pp. 5 figs.
262. — 1952. On the identity of *Euxoa punctigera* Walker (Lepidoptera, Phalaeninae). *Amer. Mus. Novit.* no. 1550: 6 pp. 1 fig.
263. — 1952. New species and subspecies in the genus *Hydriomena*, with notes (Lepidoptera, Geometridae). *Amer. Mus. Novit.* no. 1592: 17 pp. 4 pls.
264. — 1954. New Microlepidoptera from the region of Halifax, Nova Scotia, with notes on other species. *Amer. Mus. Novit.* no. 1686: 1-15. 9 figs.
265. — 1954. The species of the genus *Hydriomena* occurring in America North of Mexico (Geometridae, Larentiinae). *Bull. Amer. Mus. Nat. Hist.* 104: 237-358, 3 pls., 185 figs.
266. — 1955. Critical remarks on the synonymy of certain *Anchylopera* species, with descriptions of new species (Lepidoptera, Eucosmidae). *Amer. Mus. Novit.* no. 1725: 1-16, 1 fig.
267. — 1955. Concerning *Coleophora murinella* Tengstrom and allied species in the Canadian fauna (Lepidoptera, Coleophoridae). *Bull. Brooklyn Ent. Soc.* 50: 29-35, 1 pl.
268. McDunnough, J. 1955. Note on the larva of *Eupithecia russeliata* Swett (Lepidoptera, Geometridae). *Bull. Brooklyn Ent. Soc.* 50: 53.
269. — 1955. New species of Coleophoridae, with notes on other species (Lepidoptera). *Amer. Mus. Novit.* no. 1719: 1-7, 2 figs.
270. — 1956. On the Aster and Solidago feeding species of the genus *Coleophora* in Nova Scotia (Lepidoptera, Coleophoridae). *Amer. Mus. Novit.* no. 1777: 1-20, 7 figs.
271. — 1956. Microlepidoptera notes and new species. *Amer. Mus. Novit.* no. 1789: 1-17, 9 figs.
272. — 1957. Synonymic and biological notes on *Coleophoridae* (Lepidoptera). *Amer. Mus. Novit.* no. 1827: 1-4, 2 figs.
273. — 1957. A study of the apple pistol-case bearer and its allies in Nova Scotia (Lepidoptera, Coleophoridae). *Amer. Mus. Novit.* no. 1840: 1-10, 8 figs.
274. — 1958. Heretofore unpublished illustrations of Coleophorid genitalia, with notes (Lepidoptera). *Amer. Mus. Novit.* no. 1880: 1-11, 15 figs.
275. — 1958. A new species of Coleophora belonging to the *duplicis-bidens* group. *Amer. Mus. Novit.* no. 1905: 1-5, 3 figs.
276. — 1958. New Microlepidoptera, with notes. *Amer. Mus. Novit.* no. 1917: 1-11, 16 figs.
277. — 1959. On some changes in nomenclature of Microlepidoptera, with description of a new species. *Amer. Mus. Novit.* no. 1954: 1-9, 5 figs.
278. — 1961. Two new species of *Coleophora* from Nova Scotia (Lepidoptera, Coleophoridae). *Amer. Mus. Novit.* no. 2030: 1-4, 2 figs.
279. — 1961. Some hitherto undescribed species of Sparganothinae from Nova Scotia, with notes on other indigenous species (Lepidoptera, Tortricidae). *Amer. Mus. Novit.* no. 2040: 1-11, 5 figs.
280. McDunnough, J. 1961. A study of the Blastobasinae of Nova Scotia, with particular reference to genitalic characters (Microlepidoptera, Blastobasidae). *Amer. Mus. Novit.* no. 2045: 1-20, 18 figs.
281. — 1961. A study of some Scopariinae (Lepidoptera) of Nova Scotia, with particular reference to the female genitalia. *Amer. Mus. Novit.* no. 2054: 1-10, 7 figs.
282. — 1962. Notes on the Coleophoridae (Lepidoptera) of the Maritime Provinces of Canada. *Amer. Mus. Novit.* no. 2074: 1-7, 4 figs.

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