Primary Insect Types in the Illinois Natural History Survey Collection, Exclusive of the Collembola and Thysanoptera
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CONTENTS

ACKNOWLEDGMENTS ........................................... 56
THYSANURA ......................................................... 56
EPHEMEROPTERA ..................................................... 56
ODONATA ............................................................ 57
ORTHOPTERA ......................................................... 57
PLECOPTERA .......................................................... 57
MALLOPHAGA ........................................................... 62
HEMIPTERA ........................................................... 62
HOMOPTERA ........................................................... 63
CORRODENTIA ...................................................... 77
NEUROPTERA .......................................................... 77
COLEOPTERA .......................................................... 77
MECOPTERA ............................................................ 81
DIPTERA ............................................................... 81
TRICHOPTERA ......................................................... 92
LEPIDOPTERA ........................................................ 104
HYMENOPTERA ....................................................... 105
ADDENDUM .......................................................... 133
LITERATURE CITED .................................................... 134
PUBLICATIONS REFERRED TO IN THE LIST OF PRIMARY INSECT TYPES. 135
INDEX .................................................................. 137

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(13092 2M 7 80)
Dr. Herbert H. Ross, 1908-1978. A lifetime of work and dedication to the study of systematics and evolu
Primary Insect Types in the Illinois Natural History Survey Collection, Exclusive of the Collembola and Thysanoptera

Donald W. Webb

Since its beginning as the Natural History Society of Illinois in 1858 and its subsequent development as the Illinois Museum of Natural History and the State Laboratory of Natural History, the Illinois Natural History Survey has carried on research pertaining to the systematics and natural history of the fauna and flora of Illinois. Much of the early material and stimulation for the development of a state insect collection within the Natural History Survey during the late 1800's can be attributed to Stephen A. Forbes. His strong interest in the development of the insect collection was continued by subsequent Chiefs of the Natural History Survey and by the heads and staff of the Section of Faunistic Surveys and Insect Identification.

In 1927 T. H. Frison published a list of all the insect types in the collections of the Illinois Natural History Survey and the University of Illinois and the Bolter collection. This list contained 1,067 primary types. Type-specimens in the University of Illinois have subsequently been transferred to the collection of the Illinois Natural History Survey. In the past 50 years 2,113 primary types have been added to the Survey's collection, primarily through the systematic research of T. H. Frison in Plecoptera and Hymenoptera; H. H. Ross in Trichoptera, Plecoptera, Homoptera, and Hymenoptera; H. B. Mills in Collembola; and L. J. Stannard, Jr., in Thysanoptera. The acquisitions of the personal collections of J. W. Folsom in Collembola and C. A. Robertson in Hymenoptera added numerous primary types to the Survey's collections. In addition, several active workers have periodically, or occasionally, deposited their types in the Survey's permanent collection upon completion of specific revisionary studies. Recently, Gerdes (1977) and Mari Mutt (1978) have published lists of all of the types of Thysanoptera and Collembola, respectively, in the Natural History Survey collection.

In this list only primary types currently located in or on loan from the Illinois Natural History Survey collection are listed along with the original citation for each species. The literature citation for the designation of each neotype and lectotype is also cited. To clarify the type-designation within the bees of the Robertson collection, lectotype specimens have been designated by W. E. LaBerge for those species not previously designated in the literature. The genera under which the species are listed are those under which they were originally described. Where possible the sex of each type is given. The term syntype is used in the sense of Article 73c of the International Code of Zoological Nomenclature (1964) and replaces the term cotype used by Frison (1927).

For simplicity, the various families within each order are arranged alphabetically, the genera are arranged alphabetically within each family, and the species are arranged alphabetically within each genus.
ACKNOWLEDGEMENTS

I am indebted to the many specialists who responded to queries about their own designations and to my associates in the Section of Faunistic Surveys and Insect Identification for serving as an editorial committee for this paper. They are J. K. Bouseman, G. L. Godfrey, W. E. LaBerge, P. W. Smith, and J. D. Unzicker. Each conducted a spot check on references within his specialty. The manuscript was typed by Mrs. Lois Webb and Mrs. Bernice P. Sweeney. Technical Editor Robert M. Zewadski edited the manuscript for publication.

COLLEMBOLA

See Mari Mutt 1978

THYSANURA

Lepismatidae

Ctenolepisma urbana Slabaugh 1940
Entomol. News 51:95. Holotype ♀

EPHEMEROPTERA

Ametropodidae

Metreturus pecatonica Burks 1953 Ill.
Holotype nymph.

Baetidae

Baetis anachris Burks 1953 Ill. Nat.
Hist. Surv. Bull. 26:133. Holotype ♂

Baetis baeticatus Burks 1953 Ill. Nat.

Baetis cleptis Burks 1953 Ill. Nat.

Baetis elachistus Burks 1953 Ill. Nat.

Baetis harti McDunnough 1924 Can.
Entomol. 56:7. Holotype ♂

Baetis herodes Burks 1953 Ill. Nat.


Baetis pallidula McDunnough 1924
Can. Entomol. 56:8. Holotype ♂

Surv. Bull. 26:134. Holotype ♂

Pseudocloeon myrsin Burks 1953 Ill.
Holotype ♂

Pseudocloeon vetris McDunnough
1924 Can. Entomol. 56:8. Holotype ♂

Caenidae

Surv. Bull. 26:53. Holotype ♂

Tricorythodes perditius Burks 1953 Ill.

Ephemerellidae

Ephemerella argo Burks 1947 Can.
Entomol. 79:232. Holotype ♂

Ephemerella bereri Allen & Edmunds
Holotype nymph

Entomol. 103:524. Holotype ♂

nymph

Ephemerella crenula Allen & Edmunds
4:277. Holotype nymph

Ephemerella dentica Allen 1971 Can.
Entomol. 103:525. Holotype nymph

Ephemerella frisoni McDunnough 1927

Ephemerella keijoinis Allen 1971 Can.
Entomol. 103:526. Holotype nymph

Entomol. 103:524. Holotype ♂

Ephemerella lita Burks 1947 Can.
Entomol. 79:235. Holotype ♂

Entomol. 103:526. Holotype nymph

Ephemerella ora Burks 1947 Can.
Entomol. 79:235. Holotype ♂

Ephemerella rossi Allen & Edmunds
4:278. Holotype nymph

Ephemerella simil Allen & Edmunds
4:277. Holotype nymph

Ephemeridae

Campcurus primus McDunnough 1924
Can. Entomol. 56:7. Holotype ♂

Heptageniidae

Heptagenia diabasia Burks 1946 Ann.
Entomol. Soc. Am. 39:610. Holotype ♂

Heptagenia integer McDunnough 1924
Can. Entomol. 56:9. Holotype ♂

**Leptophlebiidae**

*Atalophlebia sepias* Thew 1960 Pan-Pac. Entomol. 36:130. Holotype ♀
*Deletatium vitatum* Thew 1960 Pan-Pac. Entomol. 36:130. Holotype ♀

*Thraulodes daidaleus* Thew 1960 Pan-Pac. Entomol. 36:119. Holotype ♀
*Thraulodes traverae* Thew 1960 Pan-Pac. Entomol. 36:120. Holotype ♀
*Ulmerius adustus* Thew 1960 Pan-Pac. Entomol. 36:126. Holotype ♀
*Ulmerius balteatus* Thew 1960 Pan-Pac. Entomol. 36:124. Holotype ♀
*Ulmerius patagiatus* Thew 1960 Pan-Pac. Entomol. 36:128. Holotype ♀

**ODONATA**

**Aeschnidae**

*Gomphus lentulus* Needham 1902 Can. Entomol. 34:275. Holotype ♀

**Libellulidae**


**ORTHOPTERA**

**Acrididae**


**Gryllidae**

*Nemobius funeralis* Hart 1906 Entomol. News 17:159. Holotype ♀

*Oecanthus forbesi* Titus 1903 Can. Entomol. 35:260. Holotype ♀

**PLECOPTERA**

**Capniidae**


*Allocapnia cunninghami* Ross & Ricker 1971 Ill. Biol. Monogr. 45:42. Holotype ♀


Allocapnia perplexa Ross & Ricker 1971 Ill. Biol. Monogr. 45:44. Holotype ©
Allocapnia smithii Ross & Ricker 1971 Ill. Biol. Monogr. 45:46. Holotype ©

Capnia elevata Frison 1942 Pan-Pac. Entomol. 18:64. Holotype ©
Capnia jewetti Frison 1942 Pan-Pac. Entomol. 18:63. Holotype ©
Capnia melia Frison 1942 Pan-Pac. Entomol. 18:61. Holotype ©
Capnia oregona Frison 1942 Pan-Pac. Entomol. 18:63. Holotype ©
Capnia piletata Jewett 1966 Wasmann J. Biol. 24:104. Holotype ©
Capnia umqua Frison 1942 Pan-Pac. Entomol. 18:65. Holotype ©
Capnura venosa Banks 1900 Trans. Am. Entomol. Soc. 26:245. Syntype ©
Isocapnia abbreviata Frison 1942 Pan-Pac. Entomol. 18:71. Holotype ©

Chloroperlidae
Alloperla autumna Hoppe 1938 Univ. Wash. Publ. Biol. 4:152. Holotype ©
Alloperla caudata Frison 1934 Can. Entomol. 66:27. Holotype ♂
Alloperla chloris Frison 1934 Can. Entomol. 66:27. Holotype ♂
Alloperla concolor Ricker 1935 Can. Entomol. 67:256. Holotype ♂
Alloperla lateralis Banks 1911 Trans. Am. Entomol. Soc. 37:337. Synotype 1♂
Alloperla vostoki Ricker 1948 Trans. R. Can. Inst. 26:413. Holotype ♂

Leuctridae
Leuctra grandis Banks 1906 Can. Entomol. 38:338. Synotype 1♂

Megaleuctra kincaidii Frison 1942 Pan-Pac. Entomol. 18:15. Holotype ♀


Nemouridae


Nemoura decepta Frison 1942 Pan-Pac. Entomol. 18:13. Holotype ♀


Nemoura pseudoproducta Frison 1942 Pan-Pac. Entomol. 18:11. Holotype ♂


Nemoura tina Ricker 1952 Indiana Univ. Publ. Sci. Ser. 18:35. Holotype ♀


Peltoperlidae


Perlidae


Perla modesta Banks 1908 Trans. Am. Entomol. Soc. 34:255. Syntype ♀


Perlodidae

Arcynopteryx walkeri Ricker 1948
Indiana Univ. Publ. Sci. Ser. 12:118. Holotype ♂

Arcynopteryx watertonii Ricker 1952
Indiana Univ. Publ. Sci. Ser. 18:75. Holotype ♂

Dictyopterygella knowltoni Frison 1937

Diploperla arina Frison 1942

Diploperla bulbosa Frison 1942

Diploperla fraseri Ricker 1943

Diploperla pilata Frison 1942

Hydroperla dorata Frison 1942

Hydroperla hartii Frison 1935

Hydroperla nalata Frison 1942

Hydroperla parallela Frison 1936

Isogenus hansonii Ricker 1952
Indiana Univ. Publ. Sci. Ser. 18:111. Holotype ♂

Isogenus krumholzi Ricker 1952
Indiana Univ. Publ. Sci. Ser. 18:112. Holotype ♂

Isogenus tostonus Ricker 1952

Isoperla bellona Banks 1911
Trans. Am. Entomol. Soc. 37:335. Syntypes 2♂, 1♀

Isoperla burkisi Frison 1942

Isoperla cascadenensis Hoppe 1938
Univ. Wash. Publ. Biol. 4:158. Holotype ♂

Isoperla chrysannula Hoppe 1938
Univ. Wash. Publ. Biol. 4:156. Holotype ♂

Isoperla confusa Frison 1935

Isoperla conspicua Frison 1935

Isoperla cotta Ricker 1952
Indiana Univ. Publ. Sci. Ser. 18:144. Holotype ♂

Isoperla davisi James 1974

Isoperla decepta Frison 1935

Isoperla dicala Frison 1942

Isoperla fumosa Neave 1933
Can. Entomol. 65:235. Holotype ♀

Isoperla insipida Hoppe 1938

Isoperla jennetti Szczykto & Stewart 1976
Great Basin Nat. 36:215. Holotype ♂

Isoperla laata Frison 1942

Isoperla mohri Frison 1935

Isoperla namata Frison 1942

Isoperla orata Frison 1942

Isoperla patricia Frison 1942

Isoperla pinta Frison 1937

Isoperla richardsoni Frison 1935

Isoperla tokula Hoppe 1938

Isoperla truncata Frison 1937

Isoperla ventralis Banks 1908
Psyche 15:66. Syntype ♂

Pteronarcticidae

Pteronarcy scotti Ricker 1952
Indiana Univ. Publ. Sci. Ser. 18:147. Holotype ♂

Pteronarcy shelfordi Frison 1934
Can. Entomol. 66:25. Holotype ♂

Taeniopygidae

Brachyptera limeata Frison 1942

Brachyptera rossi Frison 1942

Brachyptera zelona Ricker 1965

Strophopteryx appalachia Ricker 1975
Can. J. Zool. 53:149. Holotype ♂

Strophopteryx arkansae Ricker 1975
Can. J. Zool. 53:150. Holotype ♂

Strophopteryx cucullata Frison 1934
Can. Entomol. 66:29. Holotype ♀
Taeniopteryx kincaidi Hoppe 1938 Univ. Wash. Publ. Biol. 4:164. Holotype ♂

MALLOPHAGA


HEMIPTERA

Coreidae


Cynidae


Lygaeidae


Miridae

Bolteria amicta Uhler 1887 Entomol. Am. 3:34. Syntypes 10
Lopidea wisteriae Moore 1956 Entomol. News 67:42. Holotype ♂

Nabidae

Pentatomidae

Phymatidae

HOMOPTERA
Aleyrodidae

Aphididae
Aphis illinoiensis Shimer 1866 Prairie Farmer 18:316. Neotype slide designated by Hottes & Frison (1931:199)
Aphis pseudobrassicae Davis 1914 Can. Entomol. 46:231. Syntype ♂


Capitophorus oestlundii Knowlton 1927 Can. Entomol. 59:235. Syntype 1♀


Chaitophorus salicicola Essig 1911 Pomona Coll. J. Entomol. Zool. 3:532. Syntype 1♀


Fullawaya saliciradicis Essig 1912 Pomona Coll. J. Entomol. Zool. 4:737. Syntype 1♀


Lachnus vanduzei Swain 1919 Univ. Calif. Publ. Entomol. 3:50. Syntype 1♀


Macrosteles cordilii Davis 1914 Can. Entomol. 46:48. Syntype 1♀


Macrosteles packi Knowlton 1928 Pan-Pac. Entomol. 4:169. Syntype 1♀


Macrosteles riviellum Davis 1919 Can. Entomol. 51:231. Syntype 1♀


Macrosiphum venaeformae Davis 1914 Can. Entomol. 46:77. Syntype ♀


Megoura solani Thomas 1879 Rep. State Entomol. Ill. 8:73. Holotype ♀


Minuticornis gravidis Knowlton 1928 Fla. Entomol. 12:60. Syntypes many


Pemphigus fraxini foli Thomas 1879 Rep. State Entomol. Ill. 8:146. Syntypes 3♀

Pemphigus rubi Thomas 1879 Rep. State Entomol. Ill. 8:147. Syntypes 2♀


Perganderidia corni Tissot 1929 Fla. Entomol. 13:2. Syntype ♀


Rhopolaisiphum tulipæ Thomas 1879 Rep. State Entomol. Ill. 8:80. Syntype ♀


Schizoneura pinicola Thomas 1879 Rep. State Entomol. Ill. 8:137. Holotype ♀


Siphonophora heucheræ Thomas 1879 Rep. State Entomol. Ill. 8:66. Syntypes many

Siphonophora salicicola Thomas 1878
Siphonophora setariae Thomas 1878
Siphonophora viticola Thomas 1878
Thoracaphis umbellularias Essig 1932 Univ. Calif. Publ. Entomol. 6:4. Syntype ♀
Thripsaphis hottesi Frison & Ross 1933 Can. Entomol. 65:152. Holotype ♂
immatures

Cicadellidae

designated by Frison (1927:149)
Empoaasca canthella Ross & Cunningham 1960 Ohio J. Sci. 60:311. Holotype ♂
Empoaasca cavera Davidson & DeLong 1938 Ohio J. Sci. 38:93. Holotype ♂
Empoaasca cristella Ross & Cunningham 1960 Ohio J. Sci. 60:311. Holotype ♂
Empoaasca deckeri Ross & Cunningham 1960 Ohio J. Sci. 60:312. Holotype ♂
Empoaasca foxi Ross & Cunningham 1960 Ohio J. Sci. 60:312. Holotype ♂


Empoasca laceiba Ross & Cunningham 1960 Ohio J. Sci. 60:311. Holotype ♂


Empoasca ophiodera Ross & Cunningham 1960 Ohio J. Sci. 60:316. Holotype ♂

Empoasca orthodens Davidson & DeLong 1938 Ohio J. Sci. 38:91. Holotype ♂


Empoasca tepcatana Ross & Cunningham 1960 Ohio J. Sci. 60:316. Holotype ♂


Erythroneura accicurta Hepner 1966 Fla. Entomol. 49:106. Holotype ♂


Erythroneura acutalis Ross & DeLong 1953 Ohio J. Sci. 53:83. Holotype ♂


Erythroneura aesculella Ross & DeLong 1955 Ohio J. Sci. 53:82. Holotype ♂

Erythroneura alveyl Hepner 1972 Fla. Entomol. 55:269. Holotype ♂
Erythroneura ampasa Ross & DeLong 1953 Ohio J. Sci. 53:86. Holotype ♂
Erythroneura andrewsii Hepner 1976 J. Ga. Entomol. Soc. 11:121. Holotype ♂
Erythroneura anser Hepner 1966 Fla. Entomol. 49:103. Holotype ♂
Erythroneura arete Hepner 1972 Fla. Entomol. 55:270. Holotype ♂
Erythroneura beeri Hepner 1972 Fla. Entomol. 55:272. Holotype ♂
Erythroneura brazzelli Hepner 1966 Fla. Entomol. 49:106. Holotype ♂
Erythroneura byersi Hepner 1972 Fla. Entomol. 55:271. Holotype ♂
Erythroneura caddoensis Hepner 1966 Fla. Entomol. 49:100. Holotype ♂
Erythroneura cavipieria Hepner 1967 Entomol. News 78:64. Holotype ♂
Erythroneura cera Hepner 1966 Fla. Entomol. 49:105. Holotype ♂
Erythroneura chandleri Hepner 1976 Fla. Entomol. 59:296. Holotype ♂
Erythroneura cheahawensis Hepner 1966 Fla. Entomol. 49:100. Holotype ♂
Erythroneura clarysae Hepner 1976 Fla. Entomol. 59:299. Holotype ♂
Erythroneura cliffordi Hepner 1976 Fla. Entomol. 59:293. Holotype ♂
Erythroneura colvardi Hepner 1966 Fla. Entomol. 49:95. Holotype ♂
Erythroneura comoides Ross & DeLong 1953 Ohio J. Sci. 53:90. Holotype ♂
Erythroneura cooni Hepner 1976 J. Ga. Entomol. Soc. 11:121. Holotype ♂
Erythroneura douglasi Hepner 1967 Entomol. News 78:60. Holotype ♂
Erythroneura dunni Hepner 1976 Fla. Entomol. 59:295. Holotype ♂
Erythroneura edgari Hepner 1976 Fla. Entomol. 59:300. Holotype ♂
Erythroneura florida Ross & DeLong 1953 Ohio J. Sci. 53:82. Holotype ♀
Erythroneura frisoni Ross & DeLong 1953 Ohio J. Sci. 53:80. Holotype ♀
Erythroneura gilesi Hepner 1966 Fla. Entomol. 49:97. Holotype ♀
Erythroneura guicei Hepner 1972 Fla. Entomol. 55:269. Holotype ♀
Erythroneura hamiltonia Hepner 1977 Fla. Entomol. 60:52. Holotype ♀
Erythroneura haspata Ross & DeLong 1953 Ohio J. Sci. 53:85. Holotype ♀
Erythroneura havana Ross & DeLong 1953 Ohio J. Sci. 53:90. Holotype ♀
Erythroneura hormchunae Hepner 1976 J. Ga. Entomol. Soc. 11:120. Holotype ♀
Erythroneura imbricariae Ross & DeLong 1953 Ohio J. Sci. 53:86. Holotype ♀
Erythroneura isei Hepner 1977 Fla. Entomol. 60:54. Holotype ♀
Erythroneura ivaec Hepner 1976 Fla. Entomol. 59:297. Holotype ♀
Erythroneura jonesi Hepner 1976 Fla. Entomol. 59:294. Holotype ♀
Erythroneura juglandacea Ross & DeLong 1953 Ohio J. Sci. 53:78. Holotype ♀
Erythroneura kennethi Hepner 1976 Fla. Entomol. 59:298. Holotype ♀
Erythroneura kirki Hepner 1967 Entomol. News 78:64. Holotype ♀
Erythroneura leucophylla Hepner 1977 Fla. Entomol. 60:55. Holotype ♀
Erythroneura ligata pupillata McAtee 1924 Bull. Ill. State Nat. Hist. Surv. 15:42. Holotype ♀
Erythroneura loriae Hepner 1967 Entomol. News 78:70. Holotype ♀
Erythroneura lucileae Hepner 1976 Fla. Entomol. 59:299. Holotype ♀
Erythroneura lyrateae Ross & DeLong 1953 Ohio J. Sci. 53:83. Holotype ♀
Erythroneura lyratiphylla Hepner 1977 Fla. Entomol. 60:55. Holotype ♀
Erythroneura maxwellii Hepner 1972 J. Ga. Entomol. Soc. 7:218. Holotype ♀
Erythroneura mecomasi Hepner 1978 J.
Erythroneura meadi Hepner 1966 J.
Kans. Entomol. Soc. 39:79. Holotype ©
Erythroneura meridianae Hepner 1977 Fl.
Entomol. 60:53. Holotype ©
Erythroneura merkli Hepner 1977 J.
Kans. Entomol. Soc. 50:253. Holotype ©
Erythroneura metopia Ross 1957 Ento-
Erythroneura micheneri Hepner 1972 Fl.
Entomol. 55:271. Holotype ©
Erythroneura millsii Ross & DeLong 1950
Ohio J. Sci. 50:291. Holotype ©
Erythroneura mimica Ross 1957 Ento-
mol. News 68:190. Holotype ©
Erythroneura milletii McAtee 1926 Bull.
Holotype ©
Erythroneura mitlini Hepner 1977 J.
Kans. Entomol. Soc. 50:250. Holotype ©
Erythroneura morelandi Hepner 1976
J. Ga. Entomol. Soc. 11:316. Holotype ©
Erythroneura morrisi Hepner 1977 J.
Kans. Entomol. Soc. 50:251. Holotype ©
Erythroneura natchezensis Hepner 1967
Entomol. News 78:70. Holotype ©
Erythroneura navoides Hepner 1977 Fl.
Entomol. 60:50. Holotype ©
Erythroneura nebekeri Hepner 1976 J.
Ga. Entomol. Soc. 11:120. Holotype ©
Erythroneura neeli Hepner 1976 J.
Ga. Entomol. Soc. 11:121 Holotype ©
Erythroneura neutronensis Hepner 1978 J.
Kans. Entomol. Soc. 51:133. Holotype ©
Erythroneura nelsoni Hepner 1967
Erythroneura nigrifrytherylla Hepner 1977
Fla. Entomol. 60:54. Holotype ©
Erythroneura nigriquera Hepner 1967
Entomol. News 78:60. Holotype ©
Erythroneura noevoides Ross & DeLong
1953 Ohio J. Sci. 53:83. Holotype ©
Erythroneura norica Ross 1956 Entomol.
News 67:88. Holotype ©
Erythroneura normanti Hepner 1976
J. Ga. Entomol. Soc. 11:120. Holotype ©
Erythroneura oculata McAtee 1924
Holotype ©
Entomol. Soc. 12:362. Holotype ©
Erythroneura ostryae Hepner 1967 J.
Erythroneura pagodifoliae Hepner 1977
Fla. Entomol. 60:52. Holotype ©
Erythroneura paigeae Hepner 1976 J.
Kans. Entomol. Soc. 49:208. Holotype ©
Erythroneura paluloides Ross 1953
Holotype ©
Erythroneura pamelae Hepner 1967
Entomol. News. 78:67. Holotype ©
Erythroneura paramera Hepner 1978 J.
Kans. Entomol. Soc. 51:137. Holotype ©
Erythroneura parisensis Hepner 1972
J. Kans. Entomol. Soc. 45:431. Holotype ©
Erythroneura parrotti Hepner 1977 J.
Kans. Entomol. Soc. 50:251. Holotype ©
Erythroneura parsonsi Hepner 1976 Fl.
Entomol. 59:295. Holotype ©
Erythroneura patiei Hepner 1967 J.
Erythroneura patriciae Hepner 1966 J.
Kans. Entomol. Soc. 39:88. Holotype ©
Erythroneura patricki Hepner 1976 J.
Kans. Entomol. Soc. 49:208. Holotype ©
Erythroneura patris Ross & DeLong 1953
Ohio J. Sci. 53:89. Holotype ©
Erythroneura paulae Hepner 1966 J.
Kans. Entomol. Soc. 39:81. Holotype ©
Erythroneura pecanae Hepner 1976
Fla. Entomol. 59:297. Holotype ©
Erythroneura penetura Hepner 1978 J.
Kans. Entomol. Soc. 51:135. Holotype ©
Erythroneura pfrimmeri Hepner 1977
Fla. Entomol. 60:49. Holotype ©
Erythroneura phelliphylla Hepner 1977
Fla. Entomol. 60:54. Holotype ♂

Erythroneura phellos Ross & DeLong 1953 Ohio J. Sci. 53:90. Holotype ♂


Erythroneura piniquera Hepner 1967
Entomol. News 78:68. Holotype ♂

Erythroneura protuma Ross 1957
Entomol. News 68:188. Holotype ♀

Erythroneura punicasta Hepner 1967
Entomol. News 78:72. Holotype ♂

Erythroneura quadratooides Hepner 1977
Fla. Entomol. 60:51. Holotype ♂


Erythroneura ratcliffei Hepner 1966
J. Kans. Entomol. Soc. 39:85. Holotype ♂

Erythroneura reedi Hepner 1967
Entomol. News 78:61. Holotype ♂


Erythroneura robinsoni Hepner 1966 J.
Kans. Entomol. Soc. 39:89. Holotype ♂

Erythroneura rolandi Hepner 1977 J.

Erythroneura rosenkranzi Hepner 1977
J. Kans. Entomol. Soc. 50:254. Holotype ♂

Erythroneura rossi Hepner 1966 J. Kans.
Entomol. Soc. 39:85. Holotype ♂

Erythroneura rubiphylia Hepner 1977
Fla. Entomol. 60:52. Holotype ♂

Erythroneura rubrarta Hepner 1967
Entomol. News 78:66. Holotype ♂

Erythroneura rubulina Hepner 1972 J.
Kans. Entomol. Soc. 45:435. Holotype ♂

Erythroneura rugosae Ross & DeLong 1953 Ohio J. Sci. 53:80. Holotype ♂

Erythroneura sadleri Hepner 1969 J.

Erythroneura saleri Hepner 1977 J.
Kans. Entomol. Soc. 50:253. Holotype ♂

Erythroneura salmonoides Ross & DeLong 1953 Ohio J. Sci. 53:83. Holotype ♂

Erythroneura sanctaeroseae Hepner 1967
J. Kans. Entomol. Soc. 40:24. Holotype ♂

Erythroneura sandersoni Ross 1956
Entomol. News 67:90. Holotype ♂

Erythroneura schusteri Hepner 1976 J.
Ga. Entomol. Soc. 11:120. Holotype ♂

Erythroneura scobyensis Hepner 1966
Fla. Entomol. 49:97. Holotype ♂


Erythroneura sebringensis Hepner 1966
Fla. Entomol. 49:97. Holotype ♂

Erythroneura sethi Hepner 1966 Fla.
Entomol. 49:100. Holotype ♂

Erythroneura sexpunctata Malloch 1921
Holotype ♂

Erythroneura shanklandi Hepner 1978
J. Kans. Entomol. Soc. 51:137. Holotype ♂

Erythroneura shumiquera Hepner 1972 J.
Kans. Entomol. Soc. 45:431. Holotype ♂

Erythroneura sikorowskii Hepner 1976 J.

Erythroneura siloamensis Hepner 1967 J.

Erythroneura similalis Ross & DeLong 1953 Ohio J. Sci. 53:82. Holotype ♂

Erythroneura smithii Ross 1956
Entomol. News 67:90. Holotype ♂

Erythroneura solomoni Hepner 1977 J.
Kans. Entomol. Soc. 50:251. Holotype ♂
Erythroneura starkvillensis Hepner 1966 Fla. Entomol. 49:103. Holotype ©
Erythroneura styrae Hepner 1976 Fla. Entomol. 59:300. Holotype ©
Erythroneura teshi Hepner 1972 Fla. Entomol. 55:269. Holotype ©
Erythroneura tietzi Ross & DeLong 1953 Ohio J. Sci. 53:85. Holotype ©
Erythroneura tomentosae Hepner 1976 Fla. Entomol. 59:297. Holotype ©
Erythroneura turna Ross & DeLong 1953 Ohio J. Sci. 53:84. Holotype ©
Erythroneura ulmalatae Ross & DeLong 1953 Ohio J. Sci. 53:50. Holotype ©
Erythroneura vartyi Hepner 1977 Fla. Entomol. 60:51. Holotype ©
Erythroneura velutinae Hepner 1977 Fla. Entomol. 60:51. Holotype ©
Erythroneura wandae Hepner 1976 Fla. Entomol. 59:299. Holotype ©
Erythroneura wilsoni Hepner 1966 Fla. Entomol. 49:106. Holotype ©
Erythroneura wisel Hepner 1966 Fla. Entomol. 49:97. Holotype ©
Erythroneura Wilgyuli Hepner 1966 Fla. Entomol. 49:103. Holotype ©
Erythroneura wysongi Ross & DeLong 1953 Ohio J. Sci. 53:84. Holotype ©
Erythroneura zephyr Ross & DeLong 1953 Ohio J. Sci. 53:84. Holotype ©
Typhlocyba appendiculata Malloch 1920 Can. Entomol. 52:95. Holotype ♀

Coccidae
Aspidiotus hartii Cockerell 1895 Psyche 7(Suppl. 1):7. Syntypes 5
Aspidiotus piceus Sanders 1904 Ohio Nat. 4:96. Syntypes many
Chionaspis gleditsiae Sanders 1903 Ohio Nat. 3:413. Syntypes many


Euscellidae
Auridius xanthus Hamilton & Ross 1972 J. Ga. Entomol. Soc. 7:139. Holotype ♀
Cloanthanus atratus DeLong 1945 Ohio J. Sci. 45:27. Holotype ♀
Cloanthanus hastus DeLong 1945 Ohio J. Sci. 45:24. Holotype ♀
Cloanthanus triangularis DeLong 1945 Ohio J. Sci. 45:27. Holotype ♀
Flexamia prairiana DeLong 1937 Pan-Pac. Entomol. 15:32. Holotype ♀
Hebecephalus cirrus Hamilton & Ross 1972 J. Ga. Entomol. Soc. 7:133. Holotype ♀
Laevicephalus pravus DeLong 1937 Pan-Pac. Entomol. 13:34. Holotype ◊

Fulgoridae
Bruchomorpha decorata Metcalf 1923 J. Elisha Mitchell Sci. Soc. 38:188. Holotype ◊
Microledrida flav a Metcalf 1923 J. Elisha Mitchell Sci. Soc. 38:183. Holotype ◊

Gyponidae
Gypona bipunctulata Woodworth 1887

Gypona nigra Woodworth 1887 Bull.

Idioceridae


Membracidae


Psyllidae


Tettigoniiellidae


Tettigonia hartii Ball 1901 Proc. Iowa Acad. Sci. 8:61. Syntypes ♂, ♀


CORRODENTIA

Caeciliidae


THYSANOPTERA

See Gerdes 1977.

NEUROPTERA

Coniopterygidae


Sialidae


Sisyridae


COLEOPTERA

Alleculidae


Cantharidae

Malthinis georgiensis Fender 1966 Pan-Pac. Entomol. 42:219. Holotype ♀

Malthodes frisoni Fender 1946 Pan-Pac. Entomol. 22:142. Holotype ♀
Malthodes sandersoni Fender 1951 Am. Midl. Nat. 46:300. Holotype Ω
Trypherus frisoni Fender 1960 Pan-Pac. Entomol. 36:110. Holotype Ω
Trypherus pauperculus Fender 1960 Pan-Pac. Entomol. 36:106. Holotype Ω

Carabidae

Cerambycidae

Cerambycidae
Cytinus sandersoni H. Howden 1959 Can. Entomol. 91:374. Holotype Ω

Chrysomelidae
Demotispa coeruleata Sanderson 1967 Caribb. J. Sci. 7:137. Holotype Ω

Cicindelidae

Cleridae

Coccinellidae

Curculionidae
Apion agraticum Kissinger 1974 Apioninae Occurring in the West Indies p. 28. Holotype Ω
Apion analomum Kissinger 1974 Apioninae Occurring in the West Indies p. 6. Holotype Ω
Apion chereum Kissinger 1974 Apioninae Occurring in the West Indies p. 25. Holotype Ω
Apion latrum Kissinger 1974 Apioninae Occurring in the West Indies p. 9. Holotype Ω
Apion nautum Kissinger 1974 Apioninae Occurring in the West Indies p. 10. Holotype Ω
Apion nestum Kissinger 1974 Apioninae Occurring in the West Indies p. 11. Holotype Ω
Apion sandersoni Kissinger 1974 Apioninae Occurring in the West Indies p. 26. Holotype Ω
Apion tributum Kissinger 1974 Apioninae Occurring in the West Indies p. 29. Holotype Ω
Apion valentinei Kissinger 1974 Apioninae Occurring in the West Indies p. 23. Holotype Ω
Caecossonus dentipes Gilbert 1955 Pan-Pac. Entomol. 31:195. Holotype Ω
Cosmobaris squamiger Hayes 1936 J. Kans. Entomol. Soc. 9:27. Holotype Ω

Elateridae

Elmidae
Cylloepus parkeri Sanderson 1953 Coleopt. Bull. 7:38. Holotype ♂

Haliplidae

Heteroceridae

Hydrophilidae

Linnichidae
(See also Addendum, page 133.)

Meloidae

Mordellidae
Mordella longipalpis Ray 1946 Pan-Pac. Entomol. 22:121. Holotype (sex undetermined)
Mordellistena lateralis Ray 1946 Pan-Pac. Entomol. 22:95. Holotype ♀
Mordellistena mixta Ray 1946 Pan-Pac. Entomol. 22:97. Holotype ♀

Pselaphidae


Scarabaeidae


Phyllophaga jonesi Sanderson 1939 J. Kans. Entomol. Soc. 12:5. Holotype ♂


Phyllophaga sylvacica Sanderson 1942 J. Kans. Entomol. Soc. 15:49. Holotype ♂


Scydmaenidae


Staphylinidae

Beyeria pulex Sanderson 1948 J. Kans. Entomol. Soc. 16:137. Holotype $\sigma$

Lathrotopis caseyi Blaisdell 1906 Entomol. News 17:71. Syntype 10


Rimulincola divalis Sanderson 1946 J. Kans. Entomol. Soc. 19:131. Holotype $\sigma$

Stenus rossi Sanderson 1957 Trans. Ill. State Acad. Sci. 50:283. Holotype $\sigma$


Tenebrionidae


MECOPTERA

Bittacidae

Bittacus taraiensis Penny 1969 Orient. Insects 5:161. Holotype $\varphi$

Panorpidae

Neopanorpa byersi Webb & Penny 1979 Pac. Insects 20:63. Holotype $\sigma$

Panorpa setifera Webb 1974 Entomol. News 5-6:171. Holotype $\sigma$


DIPTERA

Acroceridae

Ogicodes porteri Schlinger 1958 Wasmann J. Biol. 11:519. Holotype $\sigma$

Agromyzidae


Agromyza fumicosta Malloch 1914 Entomol. News 25:310. Holotype $\varphi$

Agromyza indecora Malloch 1918 Can. Entomol. 50:132. Lectotype $\sigma$ designated by Frison (1927:193)

Agromyza infumata Malloch 1915 Can. Entomol. 47:15. Holotype $\sigma$

Agromyza nigrisquama Malloch 1916 Psyche 25:53. Holotype $\varphi$


Agromyza similata Malloch 1918 Can. Entomol. 50:178. Holotype $\sigma$

Agromyza subangulata Malloch 1916 Psyche 23:51. Holotype $\sigma$


Ceradontha illinoensis Malloch 1934 Dip- tera of Patagonia and South Chile 6:484. Neotype $\varphi$ designated by Frick (1952:153)

Limnoagromyza diantherae Malloch 1920 Bull. Brooklyn Entomol. Soc. 15:147. Holotype $\varphi$

Anthomyiidae


July 1980  
WEBB: PRIMARY INSECT TYPES  81
Gimnomena fasciventris Malloch 1920

Gimnomena incisurata Malloch 1920


Hydrophoria transversalis Wulp 1903 Biol. Cent-Am., Insecta-Diptera 2:334. Syntype ♂ 1♀


Hylemyia plurialis Malloch 1918 Can. Entomol. 50:310. Holotype ♂

Hylemyia spinilamellata Malloch 1918 Trans. Am. Entomol. Soc. 44:312. Holotype ♂


Orthachaeta dissimilis Malloch 1924 Psyche 31:194. Holotype ♂


Bombylliidae


Anthrax inauratus Coquillett 1887 Trans. Am. Entomol. Soc. 14:170. Syntypes 1♂ 1♀

Cecidomyiidae


Monardia illinoensis Felt 1935 J. N. Y. Entomol. Soc. 43:47. Syntypes 2♂ 449

Ceratopogonidae


Bezzia flavitarsi Malloch 1914 J. N. Y. Entomol. Soc. 22:283. Holotype ♀


Chamaemyiidae


Chironomidae

Chironomus dimorphus Malloch 1915
Lectotype ♂ designated by Frison
(1927:165)

Chironomus dorneri Malloch 1915 Bull.
Holotype ♀

Chironomus fasciventris Malloch 1915
Lectotype ♂ designated by Frison
(1927:165)

Chironomus fuscinicornis Malloch 1915
Holotype ♂

Chironomus fusciventris Malloch 1915
Holotype ♂

Chironomus griseopunctatus Malloch 1915
Holotype ♂

Chironomus griseus Malloch 1915 Bull.
Ill. State Lab. Nat. Hist. 10:468. Lecto-
type ♂ designated by Frison (1927:166)

Chironomus harti Malloch 1915 Bull. Ill.
Holotype ♀

Chironomus illinoensis Malloch 1915 Bull.
Ill. State Lab. Nat. Hist. 10:471. Lecto-
type ♂ designated by Frison
(1927:166)

Chironomus illinoensis decoloratus
Hist. 10:472. Lectotype ♂ designated by
Frison (1927:167)

Chironomus incognitus Malloch 1915
Holotype ♂

Chironomus indistinctus Malloch 1915
Lectotype ♂ designated by Frison
(1927:167)

Chironomus neomodestus Malloch 1915
Lectotype ♂ designated by Frison
(1927:167)

Chironomus nigrohalteralis Malloch 1915
Lectotype ♂ designated by Frison
(1927:167)

Chironomus nigrovittatus Malloch 1915
Lectotype ♂ designated by Frison
(1927:167)

Chironomus obscursus Malloch 1915 Bull.
Lectotype ♂ designated by Frison
(1927:168)

Chironomus parvulamellatus Malloch 1915
Lectotype ♂ designated by Frison
(1927:168)

Chironomus pseudoviridis Malloch 1915
Lectotype ♂ designated by Frison
(1927:168)

Chironomus quadripunctatus Malloch 1915
Holotype ♂

Chironomus serus Malloch 1915 Bull.
Ill. State Lab. Nat. Hist. 10:481. Lecto-
type ♂ designated by Frison (1927:168)

Chironomus subaequalis Malloch 1915
Lectotype ♂ designated by Frison
(1927:169)

Chironomus tentans pallidivittatus
Hist. 10:445. Lectotype ♂ designated by
Frison (1927:169)

Chironomus tenuicaudatus Malloch 1915
Lectotype ♂ designated by Frison
(1927:169)

Corynoneura similis Malloch 1915 Bull.
Holotype ♀

Cricotopus flavibasis Malloch 1915 Bull.
Lectotype ♂ designated by Frison
(1927:170)

Cricotopus slossonae Malloch 1915 Bull.
Holotype ♀

Metriocnemus annuliventris Malloch 1915
♂ designated by Frison (1927:173)

Metriocnemus brachyneura Malloch 1915
Holotype ♂
Orthocladius bifasciatus Malloch 1918 Bull. Brooklyn Entomol. Soc. 15:42. Lectotype♀ designated by Frison (1927:173)
Tanytarsus flavicauda Malloch 1915
Lectotype ♀ designated by Frison
(1927:178)

Tanytarsus neoflavellus Malloch 1915
Lectotype ♀ designated by Frison
(1927:178)

Tanytarsus politus Malloch 1915
Lectotype ♀ designated by Frison
(1927:179)

Tanytarsus similatus Malloch 1915
Lectotype ♀ designated by Frison
(1927:179)

Entomol. Soc. 42:100. Holotype ♀

Chloropidae

Anthracophaga distichliae Malloch 1918
J. Econ. Entomol. 11:386. Syn.
type ♀

Botanobia bispina Malloch 1918 Bull.
Holotype ♀

Botanobia hinkleyi Malloch 1915 Can.
Entomol. 47:12. Holotype ♀

Botanobia spiniger Malloch 1918 Bull.
Holotype ♀

Chloropisca glabra clypeata Malloch
1914 Can. Entomol. 46:119. Lectotype ♀
designated by Frison (1927:190)

Chloropisca obtusa Malloch 1914 Can.
Entomol. 46:118. Holotype ♀

Chloropisca parviceps Malloch 1915
Holotype ♀

Dasypa pleuralis Malloch 1918 Bull.
Lectotype ♀ designated by Frison
(1927:190)

Gaurax apicalis Malloch 1915 Proc.
Entomol. Soc. Wash. 17:160. Holotype ♀

Gaurax flavidulus Malloch 1915 Bull.
Holotype ♀

Gaurax interruptus Malloch 1915 Bull.
Holotype ♀

Gaurax pallidipes Malloch 1915 Bull.
Holotype ♀

Gaurax splendidus Malloch 1915 Proc.
Holotype ♀

Madiza setulosa Malloch 1918 Bull.
Holotype ♀

Meromyza flavipalpis Malloch 1914 Can.
Entomol. 46:117. Lectotype ♀
designated by Frison (1927:191)

Neogaurax fumipennis Malloch 1915
Entomol. News 26:108. Holotype ♀

Oscinoides arpidia Malloch 1916
Holotype ♀

Oscinoides arpidia atra Malloch 1918 Bull.
Holotype ♀

Oscinoides arpidia elegans Malloch 1918
Holotype ♀

Oscinoides arpidia humeralis Malloch
13:19. Holotype ♀

Chyromyidae

Aphaniosoma quadrivittatum Malloch
11:557. Holotype ♀

Chyromyia concolor Malloch 1914 Proc.
Entomol. Soc. Wash. 16:181. Lectotype ♀
designated by Frison (1927:192)

Chyromyia nigrimana Malloch 1914 Proc.
Entomol. Soc. Wash. 16:181. Lectotype ♀
designated by Frison (1927:192)

Clusiidae

Clusia occidentalis Malloch 1918 Proc.
Entomol. Soc. Wash. 20:4. Holotype ♀
Conopidae
Zodion palpalis Robertson 1901 Can. Entomol. 33:284. Holotype ♂

Dolichopodidae


Hydrophorus pilitarsis Malloch 1919 Report of the Canadian Arctic Expedition 3:51c. Syntypes ♂♂, ♀

Hygroceleuthus idahoensis Aldrich 1894 Kans. Univ. Q. 2:154. Syntype ♂


Rhaphium rossi Harmston & Knowlton 1940 J. Kans. Entomol. Soc. 13:60. Holotype ♂

Drosothilidae

Phoricia minor Malloch 1921 Entomol. News 32:312. Holotype ♂

Empididae
Tachydromia harti Malloch 1919 Can. Entomol. 51:248. Holotype ♂

Hilarimorphidae


Lauxaniidae


Sapromyza citrefrons Malloch 1920 Can. Entomol. 52:127. Holotype ♂

Sapromyza fuscibasis Malloch 1920 Can. Entomol. 52:126. Holotype ♂


Sapromyza nubilifera Malloch 1920 Can. Entomol. 52:126. Holotype ♂


Lonchaeidae
Lonchaea aberrans Malloch 1920 Can. Entomol. 52:131. Holotype ♀

Lonchaea ruficornis Malloch 1920 Can. Entomol. 52:130. Holotype ♀


Milichiidae

Muscidae
Charadrella macroxima Wulp 1903 Biol. Cent-Am., Insecta-Diptera 2:341. Syntypes ♀, ♂
Coenosia alicia Malloch 1921 Entomol. News 32:134. Holotype ♀
Coenosia anthracina Malloch 1921 Entomol. News 32:134. Holotype ♀
Melanochelia angulata Malloch 1921 Can. Entomol. 53:63. Lectotype ♀ designated by Frison (1927: 204)
Melanochelia imitatrix Malloch 1921 Can. Entomol. 53:64. Holotype ♀
Muscina tripunctata Wulp 1903 Biol. Cent-Am., Insecta-Diptera 2:305. Syntype ♂
Mydaea concinna Wulp 1903 Biol. Cent-Am., Insecta-Diptera 2:317. Syntype 1♀


Mydaea obscura Wulp 1903 Biol. Cent-Am., Insecta-Diptera 2:317. Syntype 1♂


Phyllogaster littoralis Malloch 1917 Can. Entomol. 49:228. Holotype ♂


Pogonomyia aterrima Wulp 1903 Biol. Cent-Am., Insecta-Diptera 2:335. Syntype 1♂


Spilogaster copiosa Wulp 1903 Biol. Cent-Am., Insecta-Diptera 2:321. Syntypes 1♂, 1♀


Spilogaster rubripalpis Wulp 1903 Biol. Cent-Am., Insecta-Diptera 2:320. Syntype 1♀

Spilogaster signatipennis Wulp 1903 Biol. Cent-Am., Insecta-Diptera 2:322. Syntypes 1♂, 1♀

Tetramerinx brevicornis Malloch 1917 Can. Entomol. 49:226. Holotype ♂


Mycetophilidae

Fungivora comata Laffoon 1956 Iowa State J. Sci. 31:196. Holotype ♂


Periscelididae


Phoridae

Aphiochaeta aristalis Malloch 1914 Bull. Brooklyn Entomol. Soc. 9:57. Holotype ♂


Aphiochaeta plebeia Malloch 1914 Bull. Brooklyn Entomol. Soc. 9:59. Holotype ♂

Aphiochaeta quadripunctata Malloch 1918 Entomol. News 29:147. Holotype ♂

Apocephalus pictus Malloch 1918 Entomol. News 29:146. Holotype ♂

Beckerina luteola Malloch 1919 Can. Entomol. 51:256. Holotype ♂

Rhabdionidae

Chrysopilus kineaidi Hardy 1949 Am. Midl. Nat. 41:156. Holotype ♀


Sarcophagidae

Sarcophaga pivo Roback 1952 J. Wash. Acad. Sci. 42:45. Holotype ♀

Scatopsidae


Scenopinidae


Simulidae


Simulium venustoides Hart 1912 Rep. State Entomol. Ill. 27:42. Lectotype ♀ designated by Frison (1927:181)

Sphaeroceridae

Borborus scriptus Malloch 1915 Bull. Brooklyn Entomol. Soc. 10:64. Holotype ♀

Stratiomyidae


Nemotelus bellulus Melander 1903 Psyche 10:185. Syntype ♀

Nemotelus bruesii Melander 1903 Psyche 10:179. Syntypes 1♂, ♀

Nemotelus trinotatus Melander 1903 Psyche 10:180. Syntypes 2♂, ♀

Nemotelus wheeleri Melander 1903 Psyche 10:182. Syntype ♀


Syrrphidae


Malloca illinoensis Robertson 1901 Can. Entomol. 33:284. Holotype ♀


Sphaerophoria cranbrookensis Curran 1921 Can. Entomol. 53:173. Holotype ♀

Sphégina campanulata Robertson 1901 Can. Entomol. 33:284. Holotype ♀

Syrphus canadensis Curran 1926 Can. Entomol. 58:172. Syntypes 1♂, 1♀


Tabanidae

Chrysops sequax tau Philip 1955 Rev. Bras. Entomol. 3:113. Holotype ♀

Tachinidae


Epigrimyia illinoensis Robertson 1901 Can. Entomol. 33:286. Holotype ♀

Eutheresia interrupta Curran 1929 Can. Entomol. 61:33. Holotype ♀

Hyalomya pruinosa Robertson 1901 Can. Entomol. 33:284. Holotype ♀

Phorantha humeralis Robertson 1901 Can. Entomol. 33:286. Holotype ♀


Winthemia illinoensis Robertson 1901 Can. Entomol. 33:286. Holotype ♀

Tipulidae

Dicranota iowa Alexander 1920 Can. Entomol. 52:78. Holotype φ
Nephotoma sphagnicola Alexander 1920 Can. Entomol. 52:110. Holotype φ

Xylomyidae


Xylophagidae

Glutops rossi Pechuman 1945 Can. Entomol. 77:134. Holotype φ

TRICHOPTERA

Beraeidae


Brachycentridae


Calamoceratidae


Glossosomatidae

Agapetus tomos Ross 1941 Trans. Am. Entomol. Soc. 67:44. Holotype♂
Anagapetus hoodi Ross 1951 Pan-Pac. Entomol. 27:143. Holotype♂
Glossosoma montana Ross 1941 Trans. Am. Entomol. Soc. 67:42. Holotype♂
Glossosoma pyroxum Ross 1941 Trans. Am. Entomol. Soc. 67:42. Holotype♂

Goeridae

Helicopsychidae
Hydropsychidae

Cheumatopsyche pínaca Ross 1941 Trans. Am. Entomol. Soc. 67:82. Holotype ♂


Hydroptilidae

Agraylea castello Ross 1941 Can. Entomol. 73:15. Holotype ♂


Hydroptila ampoda Ross 1941 Can. Entomol. 73:16. Holotype ♂


Hydroptila densa Ross 1948 J. Wash. Acad. Sci. 38:204. Holotype ♂


Hydroptila metoeca Blickle & Morse 1954
Holotype ♂

Brooklyn Entomol. Soc. 56:132.
Holotype ♂

Hydroptila nicoli Ross 1941 Trans. Am.
Entomol. Soc. 67:69. Holotype ♀

Hydroptila novicola Blickle & Morse 1954
Holotype ♂

Hydroptila pecos Ross 1941 Trans. Am.
Entomol. Soc. 67:64. Holotype ♀

Hydroptila proterga Ross 1938 Ill. Nat.

Hydroptila quinola Ross 1947 Trans.
Am. Entomol. Soc. 73:147. Holo-
type ♂

Hydroptila remita Blickle & Morse 1954
Holotype ♂

Hydroptila rono Ross 1941 Trans. Am.
Entomol. Soc. 67:66. Holotype ♂

Hydroptila salmo Ross 1941 Trans. Am.
Entomol. Soc. 67:66. Holotype ♂

Hydroptila scolops Ross 1938 Ill. Nat.

Hydroptila spinata Blickle & Morse 1954
Holotype ♂

Hydroptila strepha Ross 1941 Trans.
Am. Entomol. Soc. 67:68. Holotype ♂

Hydroptila tortosa Ross 1938 Ill. Nat.

Hydroptila tusculum Ross 1947 Trans.
Am. Entomol. Soc. 73:148. Holo-
type ♂

Hydroptila vala Ross 1938 Ill. Nat.

Hydroptila virgata Ross 1938 Ill. Nat.

Hydroptila waskesia Ross 1944 Ill. Nat.

Hydroptila xella Ross 1941 Trans. Am.
Entomol. Soc. 67:65. Holotype ♂

Hydroptila xera Ross 1938 Ill. Nat.

Hydroptila xonella Ross 1941 Can.
Entomol. 73:16. Holotype ♂

Ithytrichia mazon Ross 1944 Ill. Nat.

Leucotrichia limpia Ross 1944 Ill. Nat.

Leucotrichia notosa Ross 1944 Ill. Nat.

Leucotrichia sarita Ross 1944 Ill. Nat.

Loxotrichia glasa Ross 1941 Trans. Am.
Entomol. Soc. 67:70. Holotype ♂

Mayatrichia acuna Ross 1944 Ill. Nat.

Mayatrichia ponta Ross 1944 Ill. Nat.

Neotrichia edalis Ross 1941 Trans. Am.
Entomol. Soc. 67:62. Holotype ♂

Neotrichia eleroi Blickle 1961 Bull.
Brooklyn Entomol. Soc. 56:132.
Holotype ♂

Neotrichia falca Ross 1938 Ill. Nat.

Neotrichia kitaec Ross 1941 Trans. Am.
Entomol. Soc. 67:60. Holotype ♂

Neotrichia numii Ross 1948 J. Wash.
Acad. Sci. 38:205. Holotype ♂

Neotrichia okopa Ross 1939 Ann.
Entomol. Soc. Am. 32:629. Holo-
type ♂

Neotrichia osmena Ross 1944 Ill. Nat.

Neotrichia riegeli Ross 1941 Trans. Am.
Entomol. Soc. 67:61. Holotype ♂

Neotrichia sonora Ross 1944 Ill. Nat.

Neotrichia vibrans Ross 1938 Ill. Nat.

Ochrotrichia capitana Ross 1944 Ill. Nat.

Ochrotrichia felipe Ross 1944 Ill. Nat.

Ochrotrichia phenoa Ross 1947 Trans.
Am. Entomol. Soc. 73:148. Holo-
type ♂

Ochrotrichia riesi Ross 1944 Ill. Nat.

Ochrotrichia trapoza Ross 1947 Trans.
Am. Entomol. Soc. 73:146. Holo-
type ♂

Ochrotrichia weddlae Ross 1944 Ill.
type ♂

Ochrotrichia wojcickyi Blickle 1963 Bull.
Brooklyn Entomol. Soc. 58:20.
Holotype ♂

Orthotrichia baldufi Kingsolver & Ross


Oxyethira lumosa Ross 1948 J. Wash. Acad. Sci. 38:204. Holotype ©


Oxyethira zeronia Ross 1941 Can. Entomol. Soc. 73:15. Holotype ©


Lepidostomatidae


Lepidostoma liba Ross 1941 Trans. Am. Entomol. Soc. 67:120. Holotype ©


Lepidostoma lydia Ross 1939 Proc. Entomol. Soc. Wash. 41:70. Holotype ©

Leptoceridae

Athripsodes saccus Ross 1938 Ann. Entomol. Soc. Am. 31:89. Holotype ©
Athripsodes uvalo Ross 1938 Ann. Entomol. Soc. Am. 31:89. Holotype ©
Triaenodes connata Ross 1959 Entomol. News 70:44. Holotype ©
Triaenodes dipsia Ross 1938 Ann. Entomol. Soc. Am. 31:89. Holotype ©

Trienaodes furcella Ross 1959 Entomol. News 70:44. Holotype ©


Trienaodes smithi Ross 1959 Entomol. News 70:40. Holotype ©


Limnephilidae


Chyranda cordon Ross 1949 Pan-Pac. Entomol. 25:122. Holotype ©

Colaptaulius rheus Milne 1935 Studies in North American Trichoptera 2:42. Holotype ©


Limnephilus ademus Ross 1941 Can. Entomol. 73:18. Holotype ©


Limnephilus aldinus Ross 1941 Can. Entomol. 73:19. Holotype ©


Limnephilus fugus Ross 1941 Can. Entomol. 73:18. Holotype ©
Limnephilus lopho Ross 1949 Pan-Pac. Entomol. 25:119. Holotype ©
Limnephilus santanus Ross 1949 Pan-Pac. Entomol. 25:120. Holotype ©
Philosa coma oron Ross 1949 Pan-Pac. Entomol. 25:124. Holotype ©
Psychoglypha rossi Schmid 1952 Arch. Hydrobiol. 47:126. Holotype ©
Pycnopsyche aglonus Ross 1941 Can. Entomol. 73:18. Holotype ©
Pycnopsyche subfasciata Say 1828 American Entomology, or Descriptions of the Insects of North America 3:pl. 44. Neotype © designated by Ross (1944:195)

Molanniidae


Odontoceridae


Philopotamidae

Chimarra cornuta Ross 1959 Entomol. News 70:175. Holotype ♂
Chimarra hoogstraali Ross 1956 Evolution and Classification of the Mountain Caddisflies p. 70. Holotype ♂
Chimarra patosa Ross 1956 Evolution and Classification of the Mountain Caddisflies p. 71. Holotype ♂
Chimarra setosa Ross 1959 Entomol. News 70:175. Holotype ♂
Chimarra spatulata Ross 1959 Entomol. News 70:176. Holotype ♂
Chimarra tsudai Ross 1956 Evolution and Classification of the Mountain Caddisflies p. 71. Holotype ♂
Paulianodes tsaratanae Ross 1956 Evolution and Classification of the Mountain Caddisflies p. 54. Holotype ♂
Protarra peruviana Ross 1956 Evolution and Classification of the Mountain Caddisflies p. 68. Holotype ♂
Wormaldia dampfi Ross & King in Ross 1956 Evolution and Classification of the Mountain Caddisflies p. 62. Holotype ♂
Wormaldia dorsata Ross & King in Ross 1956 Evolution and Classification of the Mountain Caddisflies p. 62. Holotype ♂
Wormaldia endonima Ross & King in Ross 1956 Evolution and Classification of the Mountain Caddisflies p. 62. Holotype ♂
Wormaldia esperonis Ross & King in Ross 1956 Evolution and Classification of the Mountain Caddisflies p. 63. Holotype ♂
Wormaldia planae Ross & King in Ross 1956 Evolution and Classification of the Mountain Caddisflies p. 64. Holotype ♂

Phryganeidae

Ptelostomis semifasciata Say 1828 American Entomology, or Descriptions of the Insects of North America 3:pl. 44. Neotype ♂ designated by Ross (1944:173)

Polycentropodidae

Cernotina sinosa Ross 1951 Rev. Entomol. 22:346. Holotype ♀
Cernotina stannardi Ross 1951 Rev. Entomol. 22:343. Holotype ♀
Cernotina taeiata Ross 1951 Rev. Entomol. 22:344. Holotype ♀
Cernotina uncirostra Ross 1951 Rev. Entomol. 22:348. Holotype ♀
Cernotina zanchiana Ross 1951 Rev. Entomol. 22:344. Holotype ♀
Polycentropus spicatus Yamamoto 1967

**Polycentropus weedi** Blickle & Morse 1955 Bull. Brooklyn Entomol. Soc. 50:95. Holotype ◀


### Psychomyiidae


#### Rhyacophilidae

**Atopsyche alcunura** Ross 1953 J. Wash. Acad. Sci. 43:292. Holotype ◀


**Atopsyche calopta** Ross & King 1952 Ann. Entomol. Soc. Am. 45:188. Holotype ◀


**Atopsyche explanata** Ross 1953 J. Wash. Acad. Sci. 43:288. Holotype ◀


**Atopsyche kingi** Ross 1953 J. Wash Acad. Sci. 43:289. Holotype ◀


**Atopsyche ulmeri** Ross 1953 J. Wash. Acad. Sci. 43:288. Holotype ◀

**Atopsyche vatuca** Ross 1953 J. Wash. Acad. Sci. 43:290. Holotype ◀

**Rhyacophila amicus** Ross 1956 Evolution and Classification of the Mountain Cadisflies p. 120. Holotype ◀


Rhyacophila rickeri Ross 1956 Evolution and Classification of the Mountain Caddisflies p. 120. Holotype ♂

Sericostomatidae
Sericostoma tetron Ross 1948 Proc. En-
LEPIDOPTERA

Acrolophidae


Arctiidae

Euchaetes bolieri Stretch 1885 Entomol. Am. 1:106. Holotype ♂

Geometridae

Aspilates behrensaria Hulst 1887 Entomol. Am. 2:210. Syntype ♂
Diastictis floridensis Hulst 1898 Can. Entomol. 30:164. Syntype ♂ (?) see Frison (1927:161)

Hepialidae

Hepialus confusus Hy. Edwards 1884 Papilio 4:122. Holotype ♀

Hesperiidae


Noctuidae

Heliobonche indiana Smith 1908 Entomol. News 19:423. Syntype ♂
Pseudalypia crotchii atra Hy. Edwards 1884 Papilio 4:121. Holotype ♂

Noodontidae

Heterocampa superba Hy. Edwards 1884 Papilio 4:121. Holotype ♀
Macrurocampa dorothea Dyar 1896 Can. Entomol. 28:176. Holotype ♀

Phaloniidae

Hysteroisia merrickana Kearfott 1907 Can. Entomol. 39:59. Syntypes ♀

Prodoxidae


Pterophoridae

Oidaematophorus glenni Cashatt 1972 J. Lepid. Soc. 26:11. Holotype ♂

Pyralidae

Zophodia epischneioides Hulst 1900 Can. Entomol. 32:173. Syntype ♂

Satyridae


HYMENOPTERA

Andrenidae

Andrena aliciae Robertson 1891 Trans. Am. Entomol. Soc. 18:57. Holotype ♀
Andrena banksi Malloch 1917 Bull. Brooklyn Entomol. Soc. 12:89. Holotype ♀


Andrena (Nemandrena) crudensi LaBerge 1971 Pan-Pac. Entomol. 47:54. Holotype ♀


Andrena erigeniae Robertson 1891 Trans. Am. Entomol. Soc. 18:52. Lectotype ♀ (Illinois, Carlinville, 4-V-1886, C. A. Robertson, No. 1052) here designated by W. E. LaBerge


Andrena salictaria Robertson 1905 Can. Entomol. 37:236. Holotype ♀


Andrena torulosa LaBerge 1971 Pan-Pac. Entomol. 47:49. Holotype ♀


Andrena trimaculata LaBerge 1967 Bull. Univ. Nebr. State Mus. 7:68. Holotype ♀ (on permanent loan to the Illinois Natural History Survey from the University of Arizona, Tucson)


Parandrena andrenoides bicolor Robertson 1898 Trans. Acad. Sci. St. Louis 8:47. Lectotype ♀ designated by LaBerge & Ribble (1972:318)


Perdita fraternal Timberlake 1929 J. N. Y. Entomol. Soc. 37:123. Holotype ♂


Perdita lasiogaster Timberlake 1929 J. N. Y. Entomol. Soc. 37:115. Holotype ♂

Perdita maculipennis bilinea Timberlake 1929 J. N. Y. Entomol. Soc. 37:121. Holotype ♀


**Apidae**


Epeolus cressonii Robertson 1897 Trans. Acad. Sci. St. Louis 7:344. Lectotype ♀ (No. 3282a) here designated by W. E. LaBerge


Epeolus lectoides Robertson 1901 Can. Entomol. 33:231. Holotype ♀


Gnathias cuneatus Robertson 1903 Can. Entomol. 35:175. Lectotype ♀ (Illinois, Carlinville, 19-IV-1890, C. A. Robertson, No. 9119) here designated by W. E. LaBerge

Gnathias cuneatus decemnotatus Robertson 1903 Can. Entomol. 35:175. Type specimens lost

Gnathias cuneatus octonotatus Robertson 1903 Can. Entomol. 35:175. Lectotype ♀ (Illinois, Carlinville, 17-IV-1888, C. A. Robertson, No. 7355) here designated by W. E. LaBerge

Gnathias cuneatus quadrisignatus Robertson 1903 Can. Entomol. 35:175. Lectotype ♀ (Illinois, Carlinville, 17-IV-1888, C. A. Robertson, No. 7347) here designated by W. E. LaBerge

Gnathias cuneatus sexnotatus Robertson 1903 Can. Entomol. 35:175. Holotype ♀

Gnathias ovatus Robertson 1903 Can. Entomol. 35:175. Lectotype ♀ (Illinois, Carlinville, 17-IV-1888, C. A. Robertson, No. 7350) here designated by W. E. LaBerge

Gnathias ovatus binotatus Robertson 1903 Can. Entomol. 35:175. Lectotype ♀ (Illinois, Carlinville, 17-IV-1888, C. A. Robertson, No. 7349) here designated by W. E. LaBerge


Gnathias ovatus plenus Robertson 1903 Can. Entomol. 35:175. Lectotype ♀ (Illinois, Carlinville, 17-IV-1888, C. A. Robertson, No. 7347) here designated by W. E. LaBerge

Gnathias ovatus quadrimaculatus Robertson 1903 Can. Entomol. 35:175. Lectotype ♀ (Illinois, Carlinville, 21-IV-1897, C. A. Robertson, No. 19091) here designated by W. E. LaBerge

Gnathias ovatus sexmaculatus Robertson 1903 Can. Entomol. 35:175. Lectotype ♀ (Illinois, Carlinville, 18-V-1898, C. A. Robertson, No. 20903) here designated by W. E. LaBerge

Gnathias ovatus unicolor Robertson 1903 Can. Entomol. 35:175. Lectotype ♀ (Illinois, Carlinville, 28-IV-1900, C. A. Robertson, No. 22307) here designated by W. E. LaBerge


Melissodes comptoides Robertson 1898 Trans. Acad. Sci. St. Louis 8:52. Lectotype ♀ designated by LaBerge (1956a:1092)


Melissodes variabilis Robertson 1905
Lectotype ♀ designated by LaBerge
(1956a:1056)

Melissodes vernoniae Robertson 1902 Can.
Entomol. 34:323. Lectotype ♀
designated by LaBerge (1961:519)

Melissodes vernoniana Robertson 1905
Lectotype ♀ designated by LaBerge
(1961:515)

Nomada cressonii Robertson 1893 Trans.
Am. Entomol. Soc. 20:275. Lectotype ♀
(Illinois, Carlinville, 5-IV-1892, C. A.
Robertson, No. 13158) here designated
by W. E. LaBerge

Nomada denticulata Robertson 1902
Can. Entomol. 34:49. Lectotype ♀
(Illinois, Carlinville, 17-IV-1888, C. A.
Robertson, No. 7346) here designated
by W. E. LaBerge

Nomada erigeronis Robertson 1897 Trans.
Acad. Sci. St. Louis 7:341. Holotype ♀

Nomada illinoiensis Robertson 1900
Can. Entomol. 32:294. Lectotype ♀
(Illinois, Carlinville, 17-IV-1888, C. A.
Robertson, No. 7353) here designated
by W. E. LaBerge

Nomada integra Robertson 1893 Trans.
Am. Entomol. Soc. 20:276. Lectotype ♀
(Illinois, Carlinville, 17-IV-1888, C. A.
Robertson, No. 7294) here designated
by W. E. LaBerge

Nomada luteoloides Robertson 1895
Lectotype ♀ (Illinois, Carlinville,
3-V-1888, C. A. Robertson, No. 7511)
here designated by W. E. LaBerge

Nomada parva Robertson 1900 Can.
Entomol. 32:294. Lectotype ♀ (Illinois,
Carlinville, 14-V-1892, C. A.
Robertson, No. 13242) here designated
by W. E. LaBerge

Nomada salcis Robertson 1900 Trans.
Acad. Sci. St. Louis 10:52. Holotype ♀

Nomada sayi Robertson 1893 Trans. Am.
Entomol. Soc. 20:276. Lectotype ♀
(Illinois, Carlinville, 28-IV-1887, C. A.
Robertson, No. 3665) here designated
by W. E. LaBerge

Nomada simplex Robertson 1902
Entomol. News 13:80. Lectotype ♀
(Illinois, Carlinville, 10-IV-1896, C. A.
Robertson, No. 17800) here designated
by W. E. LaBerge

Nomada rubrata Robertson 1897 Trans.
Acad. Sci. St. Louis 7:341. Type
specimens lost

Phileremus illinoiensis Robertson 1891
Trans. Am. Entomol. Soc. 18:64.
Lectotype ♂ (Illinois, Carlinville,
14-VII-1888, C. A. Robertson, No.
8462) here designated by W. E. LaBerge

Synhalonia atriventris fusipes Robertson
Holotype ♀

Synhalonia illinoensis Robertson 1902
Can. Entomol. 34:49. Holotype ♀

Synhalonia rosea Robertson 1900 Trans.
Acad. Sci. St. Louis 10:54. Lectotype ♀
(Illinois, Carlinville, 11-VI-1888, C. A.
Robertson, No. 7813) here designated
by W. E. LaBerge

Triepoeus micropygius Robertson 1903
Can. Entomol. 35:286. Lectotype ♀
(Illinois, Carlinville, 29-IX-1902, C. A.
Robertson, No. 23531) here designated
by W. E. LaBerge

Triepoeus minimus Robertson 1902 Entomol.
News 15:81. Holotype ♀

Triepoeus simplex Robertson 1903
Can. Entomol. 35:285. Lectotype ♀
(Illinois, Carlinville, 14-VIII-1896, C. A.
Robertson, No. 18665) here designated
by W. E. LaBerge

Xanthidium dentariae Robertson 1903
Can. Entomol. 35:178. Lectotype ♀
(Illinois, Carlinville, 12-IV-1887, C. A.
Robertson, No. 3600) here designated
by W. E. LaBerge

Xenoglossa ipomoeae Robertson 1891
Lectotype ♀ (no data) here designated
by W. E. LaBerge

Argidae

Hylotoma onerosa MacGillivray 1923
Psyche 30:80. Holotype ♀

Hylotoma spartia MacGillivray 1923 Bull.
Univ. Ill. 20:18. Holotype ♀

Hylotoma spiculata MacGillivray 1907
Can. Entomol. 39:308. Holotype ♀
Bethylidae

*Apenesia discomphaloides* Evans 1963


Bombidae

*Bombias auricomus* Robertson 1903


*Bombus imuganensis* Hedicke 1926 Dtsch. Entomol. Z. p. 422. Holotype ♀


*Bremus atratus alternans* Frison 1925
Trans. Am. Entomol. Soc. 51:143. Holotype ♀


*Bremus centralis fucatus* Frison 1929

*Bremus centralis stolidus* Frison 1929

*Bremus edwardsii russulus* Frison 1927


*Bremus formosellus derivatus* Frison 1934

*Bremus formosellus gradatus* Frison 1934

*Bremus franklini* Frison 1921 Entomol. News 52:147. Holotype ♀

*Bremus kirbyellus alexanderi* Frison 1923

*Bremus kirbyellus arizonensis* Frison 1923

*Bremus mearnssi deflectus* Frison 1934

*Bremus mearnssi dilutus* Frison 1934

*Bremus melanopygus washingtonensis* Frison 1926


*Bremus niger signatus* Frison 1925
Trans. Am. Entomol. Soc. 51:143. Holotype ♀

*Bremus pleuralis clarus* Frison 1926

*Bremus robustus curiosus* Frison 1925
Trans. Am. Entomol. Soc. 51:139. Holotype ♀

*Bremus rufoctinctus sladeni* Frison 1926


Bremus sylvicola scullenii Frison 1929
Holotype ♂

Bremus terricola severini Frison 1926
Holotype ♀

Bremus vagans helenae Frison 1929 Trans.
Am. Entomol. Soc. 55:110. Holotype ♀

**Braconidae**

Adialytus maidaphidis Garman 1885
Lectotype ♀ designated by Frison (1927:210)

Apanteles canarsiae Ashmead 1897 Proc.
Entomol. Soc. Wash. 4:127. Syntypes 3♂, 2♀

Apanteles crambi Weed 1887 Bull. Ill.
State Lab. Nat. Hist. 3:8. Lectotype ♀
designated by Frison (1927:211)

Apanteles ornigis Weed 1887 Bull. Ill.
designated by Frison (1927:211)

Apanteles orobenae Forbes 1883 Rep.
State Entomol. Ill. 12:104. Lectotype ♀
designated by Frison (1927:211)

Apanteles sarrothripae Weed 1887 Bull.
designated by Frison (1927:211)

Bracon cassifemur Muesebeck 1927 Proc.

Clinocentrus americanus Weed 1887 Bull.
Ill. State Lab. Nat. Hist. 3:43. Lectotype ♀
designated by Frison (1927:211)

Clinocentrus niger Ashmead 1895 Bull.

State Entomol. Ill. 13:26. Lectotype ♀
designated by Frison (1927:212)

Microplitis hyphantriae Ashmead 1897
Syntypes 8♂

Microplitis mamestreae Weed 1887 Bull.
Ill. State Lab. Nat. Hist. 3:2. Lectotype ♀
designated by Frison (1927:212)

Protomicroplitis garmani Ashmead 1900
Syntypes 3♀

**Chalcididae**

Chalcis megalomis Burks 1940 Proc. U. S.
Natl. Mus. 88(3082):250. Holotype ♀

**Dirhinus paoli** Burks 1947 Proc. Entomol.
Soc. Wash. 49:137. Holotype ♂

**Dirhinus perideus** Burks 1947 Proc.

**Spilochalcis melana** Burks 1940 Proc.
U. S. Natl. Mus. 88(3082):316. Holotype ♀

**Cimbicidae**

Cimbex americana nortonii MacGillivray
Bull. 22:104. Holotype ♀

Crabo americana rubrosa Ross 1932 Can.
Entomol. 64:250. Holotype ♀

Trichiosoma confundum MacGillivray

Trichiosoma confusum MacGillivray
Bull. 22:103. Holotype ♀

Trichiosoma spicatum MacGillivray 1916
22:103. Holotype ♀

**Colletidae**

Colletes brevicornis Robertson 1897
Holotype ♀

Colletes eulophi Robertson 1891 Trans.
Am. Entomol. Soc. 18:61. Lectotype ♀
designated by Stephen (1954:269)

Colletes heucherae Robertson 1891 Trans.
Am. Entomol. Soc. 18:61. Lectotype ♀
designated by Stephen (1954:269)

Colletes illinoiensis Robertson 1891 Trans.
Am. Entomol. Soc. 18:62. Holotype ♀

Colletes latitarsis Robertson 1891 Trans.
Am. Entomol. Soc. 18:60. Lectotype ♀
designated by Stephen (1954:232)

Colletes nuddus Robertson 1898 Trans.
Acad. Sci. St. Louis 8:43. Lectotype ♀
designated by Stephen (1954:302)

Colletes producta Robertson 1891 Trans.
Am. Entomol. Soc. 18:62. Holotype ♀

Colletes punctata Robertson 1891 Trans.
Am. Entomol. Soc. 18:62. Holotype ♀

Colletes spinosa Robertson 1891 Trans.
Am. Entomol. Soc. 18:60. Holotype ♀
designated by Stephen (1954:241)

Colletes willistoni Robertson 1891 Trans.
Am. Entomol. Soc. 18:60. Holotype ♀


**Prospis illinoensis** Robertson 1896 Can. Entomol. 28:158. Lectotype ♂ (Illinois, Carlinville, 7-VI-1886, C. A. Robertson, No. 1547) here designated by W. E. LaBerge


**Prospis sayi** Robertson 1904 Can. Entomol. 36:274. Lectotype ♂ (Illinois, Carlinville, 4-VI-1888, C. A. Robertson, No. 7664) here designated by W. E. LaBerge


**Cynipidae**

**Acraspis compressa** Gillette 1891 Bull. Ill. State Lab. Nat. Hist. 3:197. Type-gall 1

**Andricus decidua** Beutenmueller 1913 Insecutor Insct. Menstr. 1:131. Type-galls 4

**Andricus lustrans** Beutenmueller 1913 Trans. Am. Entomol. Soc. 39:244. Type-galls 23

**Andricus pisiformis** Beutenmueller 1911 Entomol. News 22:70. Type-galls 2


**Andricus rugulosus** Beutenmueller 1911 Can. Entomol. 43:211. Type-galls 11


**Aulacidea solidaginis** Girault 1903 Entomol. News. 14:323. Syntypes 1♀


**Callirhytis marginata** Weld 1921 Proc. U. S. Natl. Mus. 59:225. Syntype 1♀


**Cynips floccosa** Bassett 1881 Can. Entomol. 13:111. Type-galls many
Cynips ignota Bassett 1881 Can. Entomol. 13:106. Type-gall 1

Cynips quercus futilis Osten Sacken 1861 Proc. Entomol. Soc. Phila. 1:64. Type-galls 3


Cynips quercus mammula Bassett 1881 Can. Entomol. 13:76. Syntypes 8


Cynips vesicula Bassett 1881 Can. Entomol. 13:97. Type-galls 2


Neuroterus exiguisimus Bassett 1900 Trans. Am. Entomol. Soc. 26:332. Type-galls 2


Diprionidae

Monoeocnus juniperinus MacGillivray 1894 Can. Entomol. 26:328. Holotype ♀


Neodiprion werneri Ross 1955 For. Sci. 1:205. Holotype ♀

Encyrtidae

Aenasioidea laticapillus Girault 1911 Can. Entomol. 43:173. Lectotype ♀ designated by Frison (1927:217)

Anagyrus nubilipennis Girault 1909 Psyche 16:76. Lectotype ♀ designated by Frison (1927:217)

 Aphycus stomachosus Girault 1909 Psyche 16:77. Lectotype ♀ designated by Frison (1927:217)

Cristatithorax pulcher Girault 1911 Can. Entomol. 43:175. Lectotype ♀ designated by Frison (1927:218)

Microterys speciosissimus Girault 1911 Can. Entomol. 43:175. Lectotype ♀ designated by Frison (1927:218)


Eulophidae

Aphelinus varicornis Girault 1909 Psyche 16:29. Lectotype ♀ designated by Frison (1927:221)

Astichus bimaculatipennis Girault 1912 Can. Entomol. 44:8. Holotype ♀

Coccophagus cinguliventris Girault 1909 Psyche 16:79. Lectotype ♀ designated by Frison (1927:222)

Encarsia versicolor Girault 1908 Psyche 15:53. Lectotype ♀ designated by Frison (1927:222)

Mestocharis williamsoni Girault 1911 J. N. Y. Entomol. Soc. 19:179. Lectotype ♀ designated by Frison (1927:222)

Prospaltella fasciatiiventris Girault 1908 Psyche 15:117. Lectotype ♀ designated by Frison (1927:222)

Prospaltella fuscipennis Girault 1908 Psyche 15:120. Lectotype ♀ designated by Frison (1927:223)

Prospaltella perspicuipennis Girault 1910 J. N. Y. Entomol. Soc. 18:234. Lectotype ♀ designated by Frison (1927:223)


Tetrastichus caeruleascens Ashmead 1897 Proc. Entomol. Soc. Wash. 4:130. Holotype ♀


Trichaporus aeneoviridis Girault 1912 Can. Entomol. 44:75. Lectotype ♀ designated by Frison (1927:223)

Zagrammosoma multilineata punicea Girault 1911 Arch. Naturgesch. 77:123. Lectotype ♀ designated by Frison (1927:221)

**Evaniidae**


**Formicidae**

*Lasius parvula* Smith 1934 Psyche 41:213. Syntype 1 worker


*Strumigenys talpa* Weber 1934 Psyche 41:63. Holotype worker

**Halictidae**


*Chloralictus versatus* Robertson 1902 Can. Entomol. 34:249. Lectotype ♀ (Illinois, Carlinville, 8-IV-1886, C. A. Robertson, No. 543) here designated by W. E. LaBerge

Halictus apophensis Robertson 1892 Am. Nat. 26:272. Lectotype ♀ (Florida, Inverness, 12-II-1891, C. A. Robertson, No. 9991) here designated by W. E. LaBerge


Halictus ashmeadii Robertson 1892 Am. Nat. 26:271. Lectotype ♀ (Florida, Inverness, 12-II-1891, C. A. Robertson, No. 9989) here designated by W. E. LaBerge

Halictus cephalicus Robertson 1892 Am. Nat. 26:270. Lectotype ♀ (21-VII-1891) here designated by W. E. LaBerge


Halictus floridanus Robertson 1892 Am. Nat. 26:269. Lectotype ♀ (Florida, Inverness, 7-III-1891, C. A. Robertson, No. 10232) here designated by W. E. LaBerge

Halictus hartii Robertson 1892 Am. Nat. 26:268. Holotype ♀ lost


Halictus longiceps Robertson 1892 Am. Nat. 26:272. Lectotype ♀ (Florida, Inverness, 12-II-1891, C. A. Robertson, No. 9993) here designated by W. E. LaBerge

Halictus obscurus Robertson 1892 Am. Nat. 26:270. Lectotype ♀ (Illinois, Carlinville, 8-V-1891, C. A. Robertson, No. 10959) here designated by W. E. LaBerge


Halictus pruinatus Robertson 1892 Am. Nat. 26:269. Lectotype ♀ (Illinois, Carlinville, 22-V-1891, C. A. Robertson, No. 11121) here designated by W. E. LaBerge

Halictus reticulatus Robertson 1892 Am. Nat. 26:268. Lectotype ♀ (Florida, Inverness, 12-II-1891, C. A. Robertson, No. 9987) here designated by W. E. LaBerge


Ichneumonidae

Cremastus cookii Weed 1888 Entomol. Am. 4:150. Lectotype ♀ designated by Frison (1927:212)

Cremastus cookii rufus Weed 1888 Entomol. Am. 4:150. Lectotype ♀ designated by Frison (1927:212)

Cremastus forbesi Weed 1887 Bull. Ill. State Lab. Nat. Hist. 3:42. Holotype ♀


Glypta phoxopteridis Weed 1888 Entomol. Am. 4:151. Holotype ♀


Megachilidae


Dianthidium boreale Robertson 1902 Can. Entomol. 34:323. Holotype ♀

Heriades floridanus Robertson 1897 Trans. Acad. Sci. St. Louis 7:348. Lectotype ♀ (Florida, Inverness, 4-IV-1892, C. A. Robertson, No. 13022) here designated by W. E. LaBerge


Megachile strophostylis Robertson 1904

Oligotropus campanulae Robertson 1903

Osmia collinsiae Robertson 1905

Osmia conjunctoides Robertson 1893

Osmia cordata Robertson 1902

Osmia illinoensis Robertson 1897

Osmia major Robertson 1902

Stelidium trypetinum Robertson 1902

Trypetes barbatus Robertson 1903

Trypetes productus Robertson 1905

Melittidae

Macropis morsei Robertson 1897

Macropis steironematis Robertson 1891

Mutiillidae

Lomachaeta punctinota Mickel 1936
Ann. Entomol. Soc. Am. 29:293. Holotype Φ

Mymaridae

Alaptus intonsipennis Girault 1910
J.N.Y. Entomol. Soc. 18:244. Lectotype Φ designated by Frison (1927:226)

Anagrus armatus nigriventris Girault 1911

Anagrus delicatus Dozier 1936

Anagrus epos Girault 1911

Anagrus spiritus Girault 1911

Anaphes hercules Girault 1911

Anaphes nigrellus Girault 1911

Anaphoidea pullicrura Girault 1910
J. N. Y. Entomol. Soc. 18:252. Holotype Φ

Anaphoidea sordidata Girault 1909
J. N. Y. Entomol. Soc. 17:169. Holotype Φ

Camptoptera pulla Girault 1911

Gonatocerus fasciatus Girault 1911

Polynema citripes Ashmead 1911

Polynema zetes Girault 1911
Stephanodes psecas Girault 1912 J. N. Y. Entomol. Soc. 20:41. Lectotype ♀ designated by Frison (1927:228)

Pamphilidae
Caenolyda onekama MacGillivray 1923 Bull. Univ. Ill. 20:8. Holotype ♀
Cephalcia criddlei MacGillivray 1912 Can. Entomol. 44:296. Holotype ♀
Cephalcia dissipator MacGillivray 1923 Bull. Univ. Ill. 20:8. Holotype ♀
Cephalcia distincta MacGillivray 1912 Can. Entomol. 44:296. Holotype ♀
Cephalcia jenseni MacGillivray 1912 Can. Entomol. 44:297. Holotype ♀
Itycorsia angulata MacGillivray 1912 Can. Entomol. 44:295. Holotype ♀
Itycorsia balanata MacGillivray 1923 Bull. Univ. Ill. 20:18. Holotype ♀
Itycorsia balata MacGillivray 1923 Bull. Univ. Ill. 20:18. Holotype ♀
Itycorsia ballista MacGillivray 1923 Bull. Univ. Ill. 20:19. Holotype ♀
Pamphilus dentatus MacGillivray 1912 Can. Entomol. 44:297. Holotype ♀
Pamphilus fortuitus MacGillivray 1923 Bull. Univ. Ill. 20:27. Holotype ♀
Pamphilus persicus MacGillivray 1907 Can. Entomol. 39:308. Holotype ♀
Pamphilus transversa MacGillivray 1912 Can. Entomol. 44:297. Holotype ♀

Pergidae
Acordulecera maculata MacGillivray 1908 Can. Entomol. 40:169. Holotype ♀
Acordulecera marina MacGillivray 1908 Can. Entomol. 40:170. Holotype ♀
Acordulecera maura MacGillivray 1908 Can. Entomol. 40:168. Holotype ♀
Acordulecera media MacGillivray 1908 Can. Entomol. 40:168. Holotype ♀

Acordulecera minima MacGillivray 1908 Can. Entomol. 40:168. Holotype ♀
Acordulecera mixta MacGillivray 1908 Can. Entomol. 40:169. Holotype ♀

Platygasteridae

Pompilidae

Pteromalidae
Arthrolytus aeneoviridis Girault 1911 Can. Entomol. 43:372. Lectotype ♀ designated by Frison (1927:219)
Muscidifurax raptor Girault & Sanders 1910 Psyche 17:149. Lectotype ♀ designated by Frison (1927:219)
Trinoptis hemerocampae Girault 1908 Psyche 15:92. Lectotype ♀ designated by Frison (1927:221)
Urios vestali Girault 1911 J. N. Y. Entomol. Soc. 19:176. Holotype ♀
Scelionidae
Hoplogryon bethunei Sanders 1910 Can. Entomol. 42:15. Holotype ♀

Siricidae
Urocerus riparius MacGillivray 1893 Can. Entomol. 25:244. Holotype ♀

Sphicidae
Notoglossa americana Robertson 1901 Trans. Am. Entomol. Soc. 27:204. Syntypes 2♂, 2♀
Notoglossa inornata Robertson 1901 Trans. Am. Entomol. Soc. 27:203. Syntypes 3♂, 1♀
Oxybelus floridanus Robertson 1901 Trans. Am. Entomol. Soc. 27:203. Syntype 1♂

Tenthredinidae
(See also Addendum, page 133.)
Aglasostigma dentatum Ross 1943 Proc. Entomol. Soc. Wash. 45:82. Holotype ♀
Allantus universus MacGillivray 1923 Bull. Univ. Ill. 20:6. Holotype ♀
Amauronematus vaculus MacGillivray 1923 Bull. Univ. Ill. 20:6. Holotype ♀
Amauronematus vacivus MacGillivray 1921 J. N. Y. Entomol. Soc. 29:28. Holotype ♀
Amauronematus valerius MacGillivray 1923 Bull. Univ. Ill. 20:6. Holotype ♀
Amauronematus vanus MacGillivray 1921 J. N. Y. Entomol. Soc. 29:27. Holotype ♀
Amauronematus venaticus MacGillivray 1921 J. N. Y. Entomol. Soc. 29:29. Holotype ♀
Amauronematus veneficus MacGillivray 1923 J. N. Y. Entomol. Soc. 31:169. Holotype ♀
Amauronematus venerandus MacGillivray 1921 J. N. Y. Entomol. Soc. 29:30. Holotype ♀
Amauronematus ventosus MacGillivray 1923 J. N. Y. Entomol. Soc. 31:169. Holotype ♀

Amauronematus verbohus MacGillivray 1921 J. N. Y. Entomol. Soc. 29:29. Holotype ♀
Amauronematus veridicus MacGillivray 1923 J. N. Y. Entomol. Soc. 31:170. Holotype ♀
Amauronematus vesicus MacGillivray 1921 J. N. Y. Entomol. Soc. 29:30. Holotype ♀

Aphanis muricatus MacGillivray 1908 Can. Entomol. 40:296. Holotype ♀
Aphanis nigritus MacGillivray 1908 Can. Entomol. 40:296. Holotype ♀
Aphanis obsitus MacGillivray 1923 Bull. Univ. Ill. 20:7. Holotype ♀
Aphanis occiduus MacGillivray 1923 Bull. Univ. Ill. 20:7. Holotype ♀
Aphanis odoratus MacGillivray 1908 Can. Entomol. 40:296. Holotype ♀
Aphanis parallellus MacGillivray 1923 Bull. Univ. Ill. 20:7. Holotype ♀
Astochus aldrichi MacGillivray 1914 Can. Entomol. 46:137. Holotype ♀
Astochus fletcheri MacGillivray 1914 Can. Entomol. 46:108. Holotype ♀
Blennocampa acuminata MacGillivray 1908 Can. Entomol. 40:297. Holotype ♀
Blennocampa adusta MacGillivray 1908 Can. Entomol. 40:297. Holotype ♀
Blennocampa angulata MacGillivray 1908 Can. Entomol. 40:297. Holotype ♀
Blennocampa antennata MacGillivray 1908 Can. Entomol. 40:296. Holotype ♀
Blennocampa aperta MacGillivray 1908 Can. Entomol. 40:297. Holotype ♀
Blennocampa atrata MacGillivray 1893
Can. Entomol. 25:239. Holotype ♀
Blennocampa typicella MacGillivray 1923 Bull. Univ. Ill. 20:8. Holotype ♂
Calirora labrata MacGillivray 1909 Can. Entomol. 41:360. Holotype ♀
Calirora lacinata MacGillivray 1909 Can. Entomol. 41:357. Holotype ♀
Calirora lata MacGillivray 1909 Can. Entomol. 41:361. Holotype ♀
Calirora laundata MacGillivray 1909 Can. Entomol. 41:356. Holotype ♀
Calirora liturata MacGillivray 1909 Can. Entomol. 41:349. Lectotype ♀ designated by Frison (1927:238)
Calirora lobata MacGillivray 1909 Can. Entomol. 41:355. Holotype ♀
Calirora lorata MacGillivray 1909 Can. Entomol. 41:352. Holotype ♀
Calirora loricata MacGillivray 1909 Can. Entomol. 41:351. Holotype ♀
Calirora lunata MacGillivray 1909 Can. Entomol. 41:353. Holotype ♀
Calirora nortonia MacGillivray 1894 Can. Entomol. 26:324. Holotype ♀
Claremontia typica Rohwer 1909 Can. Entomol. 41:397. Syntypes 1♂, 1♀
Cockerellonis occidentalis MacGillivray 1908 Can. Entomol. 40:365. Holotype ♀ (sex unkown)
Craterocercus cerninus MacGillivray 1923 Bull. Univ. Ill. 20:9. Holotype ♀
Craterocercus circulus MacGillivray 1923 Bull. Univ. Ill. 20:9. Holotype ♀
Craterocercus cordleyi MacGillivray 1923 Bull. Univ. Ill. 20:9. Holotype ♀
Dimorphopteryx desidiosus MacGillivray 1923 Bull. Univ. Ill. 20:10. Holotype ♀
Dimorphopteryx enucleatus MacGillivray 1923 Bull. Univ. Ill. 20:10. Holotype ♀
Dimorphopteryx ithacus MacGillivray 1923 Bull. Univ. Ill. 20:10. Holotype ♀
Dimorphopteryx morsei MacGillivray 1923 Bull. Univ. Ill. 20:11. Holotype ♀
Dimorphopteryx oronis MacGillivray 1923 Bull. Univ. Ill. 20:11. Holotype ♀
Dimorphopteryx salinus MacGillivray 1923 Bull. Univ. Ill. 20:11. Holotype ♀

**Dimorphopteryx scopulusus** MacGillivray 1923 Bull. Univ. Ill. 20:12. Holotype ♀
**Dolerus acritus** MacGillivray 1908 Can. Entomol. 40:130. Holotype ♀
**Dolerus apriloides** MacGillivray 1908 Can. Entomol. 40:126. Holotype ♀
**Dolerus bicolor** Beauvois 1805 Insectes Recueillis en Afrique et en Amerique p. 96. Neotype ♀ designated by Ross (1931:58)
**Dolerus borealis** MacGillivray 1893 Can. Entomol. 25:238. Holotype ♀
**Dolerus clypealis** Ross 1931 Ill. Biol. Monogr. 12(3):50. Holotype ♀
**Dolerus cohaesus** MacGillivray 1908 Can. Entomol. 40:128. Holotype ♀
**Dolerus collaris** Say 1823 West. Q. Rep. 2:720. Neotype ♀ designated by Ross (1931:54)
**Dolerus colosericeus** MacGillivray 1908 Can. Entomol. 40:125. Holotype ♀
**Dolerus conjugatus** MacGillivray 1908 Can. Entomol. 40:128. Holotype ♀
**Dolerus dysporus** MacGillivray 1908 Can. Entomol. 40:128. Holotype ♀
**Dolerus elderi rubicanus** Ross 1931 Ill. Biol. Monogr. 12(3):70. Holotype ♀
**Dolerus eurybis** Ross 1931 Ill. Biol. Monogr. 12(3):65. Holotype ♀
**Dolerus graeniciferi** MacGillivray 1914 Can. Entomol. 46:107. Holotype ♀
**Dolerus icterus** MacGillivray 1908 Can. Entomol. 40:127. Holotype ♀
**Dolerus idahoensis** Ross 1931 Ill. Biol. Monogr. 12(3):63. Holotype ♀
Dolerus illini rufilobus Ross 1931 Ill. Biol. Monogr. 12(3):41. Holotype ♂
Dolerus inspiratus MacGillivray 1914 Can. Entomol. 46:105. Holotype ♀
Dolerus interjectus Ross 1931 Ill. Biol. Monogr. 12(3):63. Holotype ♀
Dolerus konowi MacGillivray 1914 Can. Entomol. 46:106. Holotype ♀
Dolerus lesticus MacGillivray 1914 Can. Entomol. 46:105. Holotype ♂
Dolerus lactatus MacGillivray 1908 Can. Entomol. 40:127. Holotype ♀
Dolerus minusculus MacGillivray 1908 Can. Entomol. 40:126. Holotype ♀
Dolerus monosericeus MacGillivray 1908 Can. Entomol. 40:126. Holotype ♂
Dolerus nativus MacGillivray 1923 Insecutor Inscit. Menstr. 11:32. Holotype ♂
Dolerus nauticus MacGillivray 1923 Insecutor Inscit. Menstr. 11:35. Holotype ♀
Dolerus necessarius MacGillivray 1923 Insecutor Inscit. Menstr. 11:35. Holotype ♀
Dolerus noesericeus MacGillivray 1923 Bull. Univ. Ill. 20:13. Holotype ♀
Dolerus nectarosus MacGillivray 1923 Insecutor Inscit. Menstr. 11:33. Holotype ♂
Dolerus negotiosus MacGillivray 1923 J. N. Y. Entomol. Soc. 31:164. Holotype ♀
Dolerus nemorosus MacGillivray 1923 J. N. Y. Entomol. Soc. 31:164. Holotype ♀

Dolerus neoaprilis MacGillivray 1908 Can. Entomol. 40:126. Holotype ♂
Dolerus neocollaris MacGillivray 1908 Can. Entomol. 40:127. Holotype ♂
Dolerus neosericeus MacGillivray 1908 Can. Entomol. 40:125. Holotype ♀
Dolerus nepotulus MacGillivray 1923 Can. Entomol. 55:68. Holotype ♀
Dolerus nervosus MacGillivray 1923 Insecutor Inscit. Menstr. 11:31. Holotype ♀
Dolerus nescius MacGillivray 1923 Bull. Univ. Ill. 20:12. Holotype ♀
Dolerus nicaeus MacGillivray 1923 Can. Entomol. 55:68. Holotype ♀
Dolerus nidulus MacGillivray 1923 Insecutor Inscit. Menstr. 11:31. Holotype ♀
Dolerus nimbosus MacGillivray 1923 Insecutor Inscit. Menstr. 11:33. Holotype ♀
Dolerus nivatus MacGillivray 1923 J. N. Y. Entomol. Soc. 31:164. Holotype ♀
Dolerus nocivus MacGillivray 1923 Bull. Univ. Ill. 20:12. Holotype ♀
Dolerus nocusus MacGillivray 1923 Insecutor Inscit. Menstr. 11:34. Holotype ♀
Dolerus nominatus MacGillivray 1923 Insecutor Inscit. Menstr. 11:34. Holotype ♀
Dolerus nummarius MacGillivray 1923 Can. Entomol. 55:159. Holotype ♀
Dolerus nummatus MacGillivray 1923 Can. Entomol. 55:159. Holotype ♀
Dolerus nudinus MacGillivray 1923 Can. Entomol. 55:159. Holotype ♀
Dolerus nuntius MacGillivray 1923 Can. Entomol. 55:158. Holotype ♀
Dolerus nutricius MacGillivray 1923 Can. Entomol. 55:159. Holotype ♂
Dolerus nyctelius MacGillivray 1923 J. N. Y. Entomol. Soc. 31:163. Holotype ♀
Dolerus parasericeus MacGillivray 1908 Can. Entomol. 40:125. Holotype ♀
Dolerus plesius MacGillivray 1908 Can. Entomol. 40:129. Holotype ♀
Dolerus polysericeus MacGillivray 1908 Can. Entomol. 40:125. Holotype ♀
Dolerus refugus MacGillivray 1908 Can. Entomol. 40:127. Holotype ♀
Dolerus similis nordanus Ross 1931 Ill. Biol. Monogr. 12(3):80. Holotype ♀
Dolerus stugnus MacGillivray 1908 Can. Entomol. 40:129. Holotype ♀
Dolerus tectus MacGillivray 1914 Can. Entomol. 46:104. Holotype ♀
Dolerus unicolor Beauvois 1805 Insectes Recueillis en Afrique et en Amerique p. 97. Neotype ♂ designated by Ross (1931:37)
Emphytus gemitus MacGillivray 1923 J. N. Y. Entomol. Soc. 31:163. Holotype ♀
Emphytus halesus MacGillivray 1923 Bull. Univ. Ill. 20:13. Holotype ♀
Emphytus haustus MacGillivray 1923 Bull. Univ. Ill. 20:14. Holotype ♀
Emphytus hiatus MacGillivray 1923 Bull. Univ. Ill. 20:15. Holotype ♀
Emphytus hiulcus MacGillivray 1923 Bull. Univ. Ill. 20:15. Holotype ♀
Emphytus hospitus MacGillivray 1923 Bull. Univ. Ill. 20:15. Holotype ♀
Emphytus yuasi MacGillivray 1921 Psyche 28:31. Holotype ♀
Empria caeca MacGillivray 1911 Can. Entomol. 43:308. Holotype ♀
Empria caetrita MacGillivray 1911 Can. Entomol. 43:305. Holotype ♀
Empria calda MacGillivray 1911 Can. Entomol. 43:307. Holotype ♀
Empria callida MacGillivray 1911 Can. Entomol. 43:306. Holotype ♀
Empria callosa MacGillivray 1911 Can. Entomol. 43:305. Holotype ♀
Empria candidula MacGillivray 1911 Can. Entomol. 43:310. Holotype ♀
Empria canora MacGillivray 1911 Can. Entomol. 43:310. Holotype ♀
Empria capillata MacGillivray 1911 Can. Entomol. 43:341. Holotype ♀
Empria caprina MacGillivray 1911 Can. Entomol. 43:307. Holotype ♀
Empria captiosa MacGillivray 1911 Can. Entomol. 43:308. Holotype ♀
Empria carbacea MacGillivray 1911 Can. Entomol. 43:341. Holotype ♀
Empria cariosa MacGillivray 1911 Can. Entomol. 43:309. Holotype ♀
Empria casca MacGillivray 1911 Can. Entomol. 43:310. Holotype ♀
Empria castigata MacGillivray 1911 Can. Entomol. 43:309. Holotype ♀
Empria casta MacGillivray 1911 Can. Entomol. 43:307. Holotype ♀
Empria cauduca MacGillivray 1911 Can. Entomol. 43:309. Holotype ♀
Empria cauta MacGillivray 1911 Can. Entomol. 43:311. Holotype ♀
Empria cava MacGillivray 1911 Can. Entomol. 43:306. Holotype ♀

Empria cavata MacGillivray 1911 Can. Entomol. 43:305. Holotype ♀

Empria celebrata MacGillivray 1911 Can. Entomol. 43:308. Holotype ♀

Empria celsa MacGillivray 1911 Can. Entomol. 43:306. Holotype ♀

Empria cerina MacGillivray 1921 Psyche 28:34. Holotype ♀

Empria cetaria MacGillivray 1921 Psyche 28:33. Holotype ♀


Empria cista MacGillivray 1923 Bull. Univ. Ill. 20:16. Holotype ♀


Empria cithara MacGillivray 1923 Bull. Univ. Ill. 20:17. Holotype ♀

Empria columna MacGillivray 1923 Bull. Brooklyn Entomol. Soc. 18:54. Holotype ♀

Empria conciliata MacGillivray 1911 Can. Entomol. 43:344. Holotype ♀

Empria concisa MacGillivray 1911 Can. Entomol. 43:346. Holotype ♀

Empria concitata MacGillivray 1911 Can. Entomol. 43:342. Holotype ♀

Empria concreta MacGillivray 1911 Can. Entomol. 43:344. Holotype ♀

Empria condensa MacGillivray 1911 Can. Entomol. 43:342. Holotype ♀

Empria condita MacGillivray 1911 Can. Entomol. 43:342. Holotype ♀

Empria conferta MacGillivray 1911 Can. Entomol. 43:344. Holotype ♀

Empria confirmata MacGillivray 1911 Can. Entomol. 43:341. Holotype ♀

Empria contexta MacGillivray 1911 Can. Entomol. 43:345. Holotype ♀

Empria contorta MacGillivray 1911 Can. Entomol. 43:343. Holotype ♀


Empria culpata MacGillivray 1911 Can. Entomol. 43:343. Holotype ♀

Empria cumulata MacGillivray 1911 Can. Entomol. 43:343. Holotype ♀

Empria cuneata MacGillivray 1911 Can. Entomol. 43:345. Holotype ♀

Empria cupida MacGillivray 1911 Can. Entomol. 43:346. Holotype ♀

Empria curata MacGillivray 1911 Can. Entomol. 43:345. Holotype ♀

Empria evecta MacGillivray 1911 Can. Entomol. 43:310. Holotype ♀

Empria nordica Ross 1936 Pan-Pac. Entomol. 12:175. Holotype ♀


Euura moenia MacGillivray 1923 Bull. Univ. Ill. 20:17. Holotype ♀

Euura salicicola Smith 1879 North Am. Entomol. 1:41. Syntypes 1♂, 1♀

Fenusa lucifex Ross 1936 Trans. Ill. State Acad. Sci. 29:266. Holotype ♀

Hemitaxonus dediticus MacGillivray 1923 Psyche 50:77. Holotype ♀


Hoplocampa naleza Ross 1943 Trans. Am. Entomol. Soc. 69:82. Holotype ♀


Hoplocampa padusa MacGillivray 1923 Bull. Univ. Ill. 20:17. Holotype ♀


Hyargyricus infuscatus MacGillivray 1908 Can. Entomol. 40:290. Holotype ♀


Loderus accuratus MacGillivray 1923 Bull. Univ. Ill. 20:19. Holotype ♀

Loderus acerbus MacGillivray 1923 Bull. Univ. Ill. 20:19. Holotype ♀
Loderus acidus MacGillivray 1923 Bull. Univ. Ill. 20:20. Holotype ♀
Loderus aciculus MacGillivray 1923 Bull. Univ. Ill. 20:20. Holotype ♀
Loderus alticinctus MacGillivray 1923 Bull. Univ. Ill. 20:20. Holotype ♀
Loderus nigric Rhower 1910 Can. Entomol. 42:49. Syntype 1♂
Macremphytus loveti MacGillivray 1923 Psyche 30:77. Holotype ♀
Macrophya bellula MacGillivray 1923 Bull. Brooklyn Entomol. Soc. 18:55. Holotype ♀
Macrophya confusa MacGillivray 1914 Can. Entomol. 46:139. Holotype ♀
Macrophya magnifica MacGillivray 1893 Can. Entomol. 25:240. Holotype ♀
Macrophya melanopleura MacGillivray 1914 Can. Entomol. 46:139. Holotype ♀
Macrophya minuta MacGillivray 1895 Can. Entomol. 27:286. Holotype ♀
Macrophya mixta MacGillivray 1895 Can. Entomol. 27:77. Holotype ♀
Macrophya nidonea MacGillivray 1895 Can. Entomol. 27:77. Holotype ♀
Macrophya obaerata MacGillivray 1923 Bull. Univ. Ill. 20:21. Holotype ♀
Macrophya obnata MacGillivray 1923 Bull. Univ. Ill. 20:22. Holotype ♀
Macrophya obrussa MacGillivray 1923 Bull. Univ. Ill. 20:22. Holotype ♀
Macrophya ornata MacGillivray 1914 Can. Entomol. 46:159. Holotype ♀
Macrophya pluricinctella Rohwer 1909 Can. Entomol. 41:332. Syntypes 2♀
Macrophya pulchella alba MacGillivray 1895 Can. Entomol. 27:285. Holotype ♀
Macrophya punctata MacGillivray 1895 Can. Entomol. 27:285. Holotype ♀
Macrophya truncata Rohwer 1909 Can. Entomol. 41:331. Syntypes 1♂, 1♀
Messa alisia MacGillivray 1923 Bull. Univ. Ill. 20:22. Holotype ♀
Messa alumna MacGillivray 1923 Bull. Univ. Ill. 20:23. Holotype ♀
Messa amica MacGillivray 1923 Bull. Univ. Ill. 20:23. Holotype ♀
Messa anita MacGillivray 1923 Bull. Univ. Ill. 20:23. Holotype ♀
Messa appota MacGillivray 1923 Bull. Univ. Ill. 20:24. Holotype ♀
Mogerus emarginatus MacGillivray 1895 Can. Entomol. 27:281. Holotype ♀
Monophadnoides cirecins MacGillivray 1923 Bull. Univ. Ill. 20:24. Holotype ♀
Monophadnoides concessus MacGillivray 1908 Can. Entomol. 40:294. Holotype ♀
Monophadnoides conductus MacGillivray 1923 Bull. Univ. Ill. 20:24. Holotype ♀
Monophadnoides consnnus MacGillivray 1923 Bull. Univ. Ill. 20:25. Holotype ♀

Monophadnoides conspersus MacGillivray 1908 Can. Entomol. 40:294. Holotype ♀

Monophadnoides conspiculata MacGillivray 1908 Can. Entomol. 40:293. Holotype ♀

Monophadnoides conspircus MacGillivray 1908 Can. Entomol. 40:293. Holotype ♀

Monophadnoides constitutus MacGillivray 1923 Bull. Univ. Ill. 20:25. Holotype ♀

Monophadnoides contortus MacGillivray 1923 Psyche 30:78. Holotype ♀


Monophadnoides corytus MacGillivray 1923 Psyche 30:79. Holotype ♂


Monophadnoides curiosus MacGillivray 1923 Bull. Univ. Ill. 20:25. Holotype ♀


Monophadnoides shawi MacGillivray 1923 Bull. Univ. Ill. 20:26. Holotype ♀

Monophadnus æqualis MacGillivray 1908 Can. Entomol. 40:292. Holotype ♀

Monophadnus aeratus MacGillivray 1923 Psyche 30:79. Holotype ♂

Monophadnus assaracus MacGillivray 1923 Bull. Univ. Ill. 20:26. Holotype ♂

Monophadnus atracornus MacGillivray 1895 Can. Entomol. 25:259. Holotype ♀

Monophadnus bipunctatus MacGillivray 1908 Can. Entomol. 40:292. Holotype ♀


Monophadnus plicatus MacGillivray 1908 Can. Entomol. 40:292. Holotype ♀

Monophadnus ruscullus MacGillivray 1923 Psyche 30:80. Holotype ♂

Monophadnus transversus MacGillivray 1908 Can. Entomol. 40:292. Holotype ♀

Monostegia kincadii MacGillivray 1908 Can. Entomol. 25:239. Holotype ♀

Monostegia martini MacGillivray 1908 Can. Entomol. 40:366. Holotype ♀


Neocharactus bakeri MacGillivray 1908 Can. Entomol. 40:293. Holotype ♀

Neopareophora martini MacGillivray 1908 Can. Entomol. 40:289. Holotype ♀

Neopareophora scelestia MacGillivray 1908 Can. Entomol. 40:289. Holotype ♀

Neotomostethus hyalinus MacGillivray 1908 Can. Entomol. 40:290. Holotype ♀

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Tenthredo alphius MacGillivray 1900
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Tenthredo atracostus MacGillivray 1900
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Tenthredo bilineatus MacGillivray 1895
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Tenthredo capitatus MacGillivray 1897
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Tenthredo causatus MacGillivray 1900
Can. Entomol. 32:178. Holotype ♂
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Tenthredo fernaldii MacGillivray 1900
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Tenthredo hyalinus MacGillivray 1897
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Tenthredo lateralis MacGillivray 1897
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Tenthredo linipes MacGillivray 1897
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Tenthredo neoslossoni MacGillivray 1914
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Can. Entomol. 32:181. Holotype ♀
Tenthredo nigritomus MacGillivray 1900
Can. Entomol. 32:184. Holotype ♀
Tenthredo nigritomus MacGillivray 1897
J. N. Y. Entomol. Soc. 5:107. Holotype ♀
Tenthredo novus MacGillivray 1897
J. N. Y. Entomol. Soc. 5:106. Holotype ♀
Tenthredo oblatus MacGillivray 1897
J. N. Y. Entomol. Soc. 5:105. Holotype ♀
Tenthredo olivatipes MacGillivray 1900
Can. Entomol. 32:180. Holotype ♀
Tenthredo pallicola MacGillivray 1895
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Tenthredo pallipectus MacGillivray 1897
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Tenthredo rabula MacGillivray 1923
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Tenthredo racilia MacGillivray 1923
J. N. Y. Entomol. Soc. 31:112. Holotype ♀
Tenthredo ralla MacGillivray 1923
J. N. Y. Entomol. Soc. 31:111. Holotype ♀
Tenthredo redimacula MacGillivray 1895
Can. Entomol. 27:78. Holotype ♀
Tenthredo redunvia MacGillivray 1923
J. N. Y. Entomol. Soc. 31:108. Holotype ♀
Tenthredo reflua MacGillivray 1923
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<table>
<thead>
<tr>
<th>Journal Names and Abbreviations</th>
<th>Florida Entomologist</th>
<th>Florida Entomologist</th>
<th>Forest Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arch. Hydrobiol. — Archiv für Hydrobiologie</td>
<td>J. Econ. Entomol. — Journal of Economic Entomology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Breviora — Breviora</td>
<td>J. Kansas Entomol. Soc. — Journal of the Kansas Entomological Society</td>
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<td></td>
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<tr>
<td>Entomol. Am. — Entomologica Americana</td>
<td>Ohio Nat. — Ohio Naturalist</td>
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</tr>
</tbody>
</table>
Pac. Insects — Pacific Insects
Pan-Pac. Entomol. — Pan-Pacific Entomologist
Papilio — Papilio
Pomona Coll. J. Entomol. Zool. — Pomona College
Journal of Entomology and Zoology
Prairie Farmer — Prairie Farmer
Boston Society of Natural History
California Academy of Sciences
Proc. Entomol. Soc. B. C. — Proceedings of the
Entomological Society of British Columbia
Entomological Society of Philadelphia
Proc. Entomol. Soc. Wash. — Proceedings of the
Entomological Society of Washington
Hawaiian Entomological Society
Proc. Iowa Acad. Sci. — Proceedings of the Iowa Academy of Science
States National Museum
Psyche — Psyche
Rev. Bras. Entomol. — Revista Brasileira de Entomologia
Rev. Entomol. — Revista de Entomologia
Trans. Acad. Sci. St. Louis — Transactions of the
Academy of Science of St. Louis
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INDEX

A

aba Milne, Triaenodes, 98
abbrevia Frison, Isocapnia, 58
abbreviatus Malloch, Chironomus, 84
abdominalis Norton, Dolerus, 121
aberrans Malloch, Lonchaea, 88
abjecta MacGillivray, Blennocampa, 120
abnorma MacGillivray, Blennocampa, 120
abolla lemnisca McAtee, Erythroneura, 67
abruptivus Malloch, Chironomus, 84
absona MacGillivray, Blennocampa, 120
absyrus MacGillivray, Pachynematus, 126
academus MacGillivray, Pachynematus, 126
acadia Ross, Hydroptila, 95
acantha Ross & DeLong, Erythroneura, 67
acanthis Ross, Limnephilus, 99
Acantholyda, 119
modesta MacGillivray, 119
accicurta Hepner, Erythrones, 67
accuratus MacGillivray, Loderus, 124
acerbus MacGillivray, Loderus, 124
acercaulis MacGillivray, Priophorus, 127
aceriola Ross & DeLong, Erythroneura, 67
acerifoliae Thomas, Siphonophora, 65
acis Forbes, Aleurodes, 63
acatabula Weid, Dischokaspis, 114
acidae MacGillivray, Loderus, 125
acenestus Ross, Limnephilus, 99
Acordulecera, 119
maculata MacGillivray, 119
marina MacGillivray, 119
maura MacGillivray, 119
maxima MacGillivray, 119
media MacGillivray, 119
meleca MacGillivray, 119
mellina MacGillivray, 119
minima MacGillivray, 119
minuta MacGillivray, 119
mixta MacGillivray, 119
munda MacGillivray, 119
musta MacGillivray, 119
Acraspsis, 113
compressus Gillette, 113
acriculus MacGillivray, Loderus, 125
Acroridae, 57
acerbus MacGillivray, Dolerus, 120
Acroceridae, 81
Acrolophidae, 105
Acrolophus, 105
sinclairi nelsoni Hasbrouck, 105
Acroneuria, 60
filicis Frison, 60
mela Frison, 60
perplexa Frison, 60
Actium, 79
concavum Becker & Sanderson, 79
acula Ross & Merkley, Limnephilus, 99
aculea Ross, Oxyethira, 97
acuminata MacGillivray, Blennocampa, 120
acuna Ross, Mayatrichia, 96
acuta Malloch, Neotipha, 131
acuta Ross, Chimarra, 100
acuta perrnigra Blaisdell, Elcotes, 81
acutalis Ross & DeLong, Erythroneura, 67
acutiventre Girault, Neotrichogramma, 132
adae Hepner, Erythroneura, 67
adapus Ross, Limnephilus, 99
Adialytus, 112
maidaphidis Carman, 112
Adelemos, 120
cleone Ross, 120
ademus Ross, Limnephilus, 99
adusta MacGillivray, Blennocampa, 120
adustus Thew, Ulmeritus, 57
Aenasioidea, 114
latiscapus Girault, 114
aeneoviridis Girault, Arthrephyta, 119
aeneoviridis Girault, Tricharurus, 115
senecta Ross, Apatelia, 99
aeola Ross, Oxyethira, 97
aequalis MacGillivray, Monophadnus, 126
aequalis MacGillivray, Tenthredo, 129
aequalis Malloch, Johannsenomyia, 83
aequalis Malloch, Sapromyza, 88
aerata Ross, Hydropsyche, 94
aeratus MacGillivray, Monophadnus, 126
Aeschnidae, 57
aesculella Ross & DeLong, Erythroneura, 67
aesculii Johnson, Aspidiotus, 75
affinis Malloch, Tiphia, 131
Agapetus, 92-93
artesus Ross, 92
crasmus Ross, 92
debilis Ross, 92
gelbae Ross, 92
illini Ross, 92
iridis Ross, 92
jafwi Ross, 93
latosus Ross, 93
mario Milne, 93
medicus Ross, 93
ophionis Ross, 93
pinatus Ross, 93
tahoe Ross, 95
tomus Ross, 93
ulmeri Ross, 93
virco Ross, 93
Agapostemon, 115
bicolor Robertson, 115
agassiz Ricker, Isocapnia, 58
agcistus MacGillivray, Dolerus, 121
agcistus maroa Ross, Dolerus, 121
Aglaostigma, 120
dentatum Ross, 120
aglonus Ross, Pycnopsyche, 100
Agnoecoris, 62
rossi Moore, 62
agromatic Kissing, Apion, 78
Agrarlela, 95
costello Ross, 95
saltseca Ross, 95
agrigolfiae Essig, Symdobius, 66

137
Agriotes, 79
sagittus Becker, 79
Agromyza, 81
albidohalterata Malloch, 81
angulicornis Malloch, 81
aprilina Malloch, 81
aristata Malloch, 81
assimilis Malloch, 81
decipectiva Malloch, 81
destructor Malloch, 81
fumicosta Malloch, 81
indecora Malloch, 81
infumata Malloch, 81
nigrisquama Malloch, 81
pleuralis Malloch, 81
riparia Malloch, 81
similata Malloch, 81
subangulata Malloch, 81
subvirens Malloch, 81
Agromyzidae, 81
Agrypnia, 101
dextra Ross, 101
aguanensis Becker & Sanderson, Decarthron, 80
ajax Ross, Hydroptila, 95
alabama James, Leuctra, 59
alagmus Aldein, 59
Alaptus, 118
albibasis Ross, 81
allonagmus alabama Ross, 81
ajax Ross, Hydroptila, 95
alabama James, Leuctra, 59
alagmus Aldein, 59
Alaptus, 118
intonsipennis Girault, 118
albanyensis Hepner, Erythronoea, 67
alberta Ross, Empoasca, 66
albescens Hulst, Selidosema, 105
albibasis Malloch, Johannsenomyia, 83
albidohalteralis Malloch, Orthocladius, 86
albidohalterata Malloch, Agromyza, 81
albidorsata Malloch, Bezia, 83
albimarginata Woodworth, Gypona, 76
albiquera Hepner, Erythronoea, 68
albisetiger Chittenden, Lixus, 78
alboanalis Franklin, Bombus, 111
albopicta Forbes, Empo, 66
albowiridis Malloch, Chironomus, 84
albovittata Malloch, Oxyerca, 91
alceda Ross & Cunningham, Empoasca, 66
alces Ross, Athripsodes, 98
alconura Ross, Atopsyche, 103
alconura Ross & Merkley, Limnephilus, 99
aldinus Ross, Limnephilus, 99
aldrichii MacGilliivray, Asteochus, 120
aldrich MacGilliivray, Paracophora, 127
aldrichii Malloch, Heteromyia, 83
aldrichii Malloch, Oxyerca, 91
aldrichii Malloch, Pogonomyi, 90
aldrichii Ross, Pieroneura, 132
aldrichii MacGilliivray, Tentredo, 129
Aleurodes, 63
aceris Forbes, 63
aleuridis Forbes, Elaptus, 119
aleva Ross, Erythronoea, 68
alexanderi Ross, Prototipila, 95
Aleyrodidae, 65
algonaquin Malloch, Helina, 89
alhedra Ross, Hydropsyche, 94
alicia Ross, Erythronoea, 68
aliciae Robertson, Andrena, 105
aliena Malloch, Coenosia, 89
allagashensis Blickle, Oxyethira, 97
Allantus, 120
universus MacGilliivray, 120
Alleculidae, 77
allegatus MacGilliivray, Pachynemat, 126
allenii Yamamoto, Polycentropus, 102
allisonae Brigham, Haliphus, 79
Allocaopia, 57-58
aurora Ricker, 57
brooksi Ross, 57
cunninghami Ross & Ricker, 57
curiosa Frison, 57
forbesi Frison, 57
forbesi cornuta Frison, 57
frisoni Ross & Ricker 57
fumosa Ross, 57
illinoensis Frison, 57
indianae Ricker, 57
jeaneae Ross, 57
lasheda Ricker, 58
malverna Ross, 58
mohri Ross & Ricker, 58
mysistica Frison, 58
ohioensis Ross & Ricker, 58
ozarkana Ross, 58
pechumani Ross & Ricker, 58
peltoides Ross & Ricker, 58
perplexa Ross & Ricker, 58
polestig Ross & Ricker, 58
rickeri Frison, 58
sandersoni Ricker, 58
smithi Ross & Ricker, 58
stannardi Ross, 58
tennessa Ross, 58
unzickeri Ross & Yamamoto, 58
virginiana Frison, 58
warreni Ross & Yamamoto, 58
wrayi Ross, 58
zekia Ross, 58
zola Ricker, 58
Allognata, 88
seminvittata Malloch, 88
Alloperla, 58-59
autumna Hoppe, 58
banksi Frison, 59
caudata Frison, 59
chloris Frison, 59
concolor Ricker, 59
delacta Frison, 59
diversa Frison, 59
dubia Frison, 59
elevata Frison, 59
exquisita Frison, 59
fraterna Frison, 59
lateralis Banks, 59
lodgei Frison, 59
mediana Banks, 59
medveda Ricker, 59
nanina Banks, 59
neglecta Frison, 59
nimbilis Hoppe, 59
occidens Frison, 59
oregonensis Frison, 59
Illinois Natural History Survey Bulletin

Vol. 32, Art. 2

nigrae Robertson, 107
nothoscordi Robertson, 107
nuda Robertson, 107
perezi Robertson, 107
personata Robertson, 107
platyparia Robertson, 107
polemonii Robertson, 107
pruni Robertson, 107
pulchella Robertson, 107
quintilis Robertson, 107
rudbeckiae Robertson, 107
rugosa Robertson, 107
salicacea Robertson, 107
salici Robertson, 107
salictaria Robertson, 107
sayi Robertson, 107
scutellaris Robertson, 107
serotina Robertson, 107
solidaginis Robertson, 107
spiraeana Robertson, 107
torulosa LaZerte, 107
tridens Robertson, 107
trimaculata LaZerte, 107
viciniformis Robertson, 107
viola Robertson, 107
ziziae Robertson, 107
Andrenidae, 105-108
andrenoides bicolore Robertson, Parandrena, 108
andresia Ross, Empoasca, 66
andrewsii Hepner, Erythronoea, 68
Andricus, 113
decidua Beutenmueller, 113
lustrans Beutenmueller, 113
pisiformis Beutenmueller, 113
rileyi Ashmead, 113
rugulosus Beutenmueller, 113
angata Ross, Dibusa, 95
angulata MacGillivray, Blennocampa, 120
angulata MacGillivray, Iryctoria, 119
angulata Malloch, Melanochelis, 89
angulicornis Malloch, Agromyza, 81
angulosus Becker & Sanderson, Eupsenius, 80
angusta Ross, Hydropsyila, 95
angustata Frison, Brachygaster, 115
angustifolae Ross, Empoasca, 66
anilia Ross, Empoasca, 66
anillus Ross, Dolophilus, 101
aniqua Ross, Neophyax, 100
anisca Ross, Polytrichia, 97
anita MacGillivray, Mosa, 125
anna Coquillett, Anthrax, 82
annulatus MacGillivray, Leucopelmonus, 124
annulicorns Malloch, Johannsenomyia, 83
annuliventris Malloch, Metriocnemus, 85
annulus cinguliscens Ross, Strongylogaster, 128
anobola Blickle, Oxythera, 97
anogis Hottes & Frison, Asiphonaphis, 64
anomalae Hottes & Frison, Macrosiphum, 64
anomalus Malloch, Chrysotus, 88
anomalus Robertson, Halicatus, 116
Anoplius, 119
hispidulus Dreisbach, 119
anseri Hepner, Erythronoea, 68
antennalis Sanderson, Stenelmis, 79
antennariae Robertson, Sphedecodes, 116
antennata MacGillivray, Blennocampa, 120
annatum Patch, Melanoxanthantherium, 65
Anthemurgus, 107
passiflorae Robertson, 107
Anthidium, 117
psoralae Robertson, 117
Anthomyia, 81
dorsimaculata Wulp, 81
Anthomyiidae, 81-82
anthophilus Burks, Tetrastichus, 114
anthracina Malloch, Coenosia, 89
Anthracophaga, 87
distichiae Malloch, 87
Antirax, 82
ana Coquillett, 82
inauratus Coquillett, 82
antigone McAtee, Typhlocyba, 74
antilles Ross & Palmer, Hydropsyche, 94
Antistrophus, 113
bicolar Gillette, 113
laciniatus Gillette, 113
minor Gillette, 113
rufus Gillette, 113
silphii Gillette, 113
apache juniperus DeLong & Hershberger, Idiocerus, 77
Apanetes, 112
canarias Ashmead, 112
crambi Weed, 112
ornigis Weed, 112
orobenae Forbes, 112
sarothripae Weed, 112
Aparephora, 120
rossi Smith, 120
Apateia, 99
aenica Ross, 99
Apensia, 111
discomphalois Evans, 111
exilis Evans, 111
insula Evans, 111
aperta MacGillivray, Blennocampa, 120
Aphaniosoma, 87
quadriptermum Malloch, 87
Aphanisus, 120
lobatus MacGillivray, 120
muricatus MacGillivray, 120
nigritus MacGillivray, 120
obtusus MacGillivray, 120
occiduus MacGillivray, 120
odoratus MacGillivray, 120
parallelus MacGillivray, 120
aphanta Ross, Chrysomaltyphe, 94
aphanta Wong & Ross, Pristiophora, 135
Apharbus, 79
punctatus Becker & Sanderson, 79
Aphelinioidea, 132
plutella Girault, 132
semifuscipennis Girault, 132
Aphelinis, 114
varicornis Girault, 114
Aphididae, 63-66
Aphiochaeta, 90
aristalis Malloch, 90
bisetulata Malloch, 90
nasoni Malloch, 90
pallidiventris Malloch, 90
plebeia Malloch, 90
quadripunctata Malloch, 90
Aphis, 63
bonnevillensis Knowlton, 63
caliginosa Hottes & Frison, 65
carduella Walsh, 63
cari Essig, 63
cephalanthi Thomas, 63
chetansapa Hottes & Frison, 63
cicemeris Forbes, 63
decepta Hottes & Frison, 63
fraternum Strom, 63
funesta Hottes & Frison, 63
gregalis Knowlton, 63
hiltoni Essig, 63
illinoensis Shimer, 63
impatienstis Thomas, 63
knowltoni Hottes & Frison, 65
luridis Hottes & Frison, 63
nyctalis Hottes & Frison, 63
pseudobraassicae Davis, 65
pullchella Hottes & Frison, 63
signatis Hottes & Frison, 63
vernoniae Thomas, 63
zilora Hottes & Frison, 63
Aphropsyche, 94
aprilis Ross, 94
Aphycus, 114
stomachous Girault, 114
apicalis Malloch, Emmesomyia, 81
apicalis Malloch, Gaurax, 87
apicata Malloch, Bezzia, 83
Apidae, 108
Apion, 78
agricicum Kissing, 78
analomum Kissing, 78
chermium Kissing, 78
dereum Kissing, 78
latrum Kissing, 78
naulum Kissing, 78
nesium Kissing, 78
sandersoni Kissing, 78
tributum Kissing, 78
valentini Kissing, 78
apis Ross, Sterictiphora, 111
apis atrescens Ross, Sterictiphora, 111
aplita Ross & King, Atopsyche, 103
Apocophelus, 90
pictus Malloch, 90
apopkensis Robertson, Halictus, 116
apopkensis Robertson, Odynerus, 132
appalachia Ricker, Strophopteryx, 61
appendiculata Malloch, Typhlocyba, 75
appoxa MacGillivray, Messa, 125
approximata Malloch, Oxyera, 91
apricus Norton, Dolerus, 121
aprilina Malloch, Agromyza, 81
aprilis Norton, Dolerus, 121
aprilis Ross, Aphropsyche, 94
apriloides MacGillivray, Dolerus, 121
aquilegiae Essig, Myzus, 65
aquilonius Ross & Hamilton, Diplocolenus, 75
arabis Robertson, Andrena, 105
araya Ross, Oxyethira, 97
archaon Ross, Goera, 93
arctica Ross, Hydroptila, 95
Arctiidae, 105
Artoeoci, 99
ozburni Milne, 99
arcuatus Robertson, Halictus, 116
Arycnopteryx, 61
walkeri Ricker, 61
waternoni Ricker, 61
ardensus Sanderson, Lithocharis, 81
ardia Ross, Oligophlebodes, 100
areion Burks, Stenonema, 57
arenosia Ross & DeLong, Erythronoea, 68
ares Burks, Stenonema, 57
aretto Ross, Limnephilus, 99
Argidae, 110-111
argo Burks, Ephemerella, 56
argosa Ross, Hydroptila, 95
Argyra, 88
similis Harmston & Knowlton, 88
Arianops, 79
sandersoni Barr, 79

Ariciella, 89
flavicorns Malloch, 89
arida Malloch, Tiphia, 131
arina Frison, Diploperla, 61
arinae Ross, Hdyropsyche, 94
aristalis Malloch, Aphiochaeta, 90
aristata Malloch, Agromyza, 81
arizona Ross, Empoasca, 66
arizona Ross, Limnephilus, 99
arizona Ross, Oxyethira, 97
arksansae Ricker, Strophopteryx, 61
arkansana Dawson, Serica, 80
armata Malloch, Mydacea, 89
armata Ross, Hydroptila, 95
armatum Becker & Sanderson, Decarthron, 80
armatus nigriventris Girault, Anagrus, 118
arneri Hepner, Erythronoea, 68
arnoldi Ricker & Ross, Zealeuctra, 60
arpegia Ross, Erythronoea, 68
arpidia Malloch, Oscinoioides, 87
arpidia atra Malloch, Oscinoioides, 87
arpidia elegans Malloch, Oscinoioides, 87
arpidia humerais Malloch, Oscinoioides, 87
arestes Ross, Agapetus, 92

Arthmus, 79
corradus Becker & Sanderson, 79
torcerus Becker & Sanderson, 79

Arthrolytus, 119
aeneovirdis Girault, 119
arundinicolia Knight, Phytocoris, 62
arva Ross, Polytrichia, 97

Ashmeadi Robertson, Halictus, 116

Asiphonaphis, 64
anogis Hottes & Frison, 64
Aspidiotus, 75
aescolii Johnson, 75
comstocki Johnson, 75
forbesi Johnson, 75
harrisi Cockerell, 75
piceus Sanders, 75
ulmi Johnson, 75
Aspilates, 105
behrensaria Hulst, 105
asperulos Ross, Brachycentrus, 92
Aspistes, 91
harrisi Malloch, 91
assaracus MacGillivray, Monophadnus, 126
 assimilis Malloch, Agromyza, 81
astera Ross, Cernotina, 101
asteris Robertson, Andrena, 105
asteris Robertson, Callioptis, 108
asteris Robertson, Melissodes, 109
Astichus, 114
bimaculatipennis Girault, 114
Astochus, 120
aldrichi MacGillivray, 120
fletcheri MacGillivray, 120
asymmetra Hepner, Erythronoeae, 68
Atalophlebia, 57
seph Thew, 57
ater Hopper, Tricyphus, 117
atterrima Malloch, Galgapha, 62
atterrima Malloch, Tiphia, 131
atterrima Wulp, Pogonomyia, 90
athene McAtee, Typhlocyb, 75
Athripsodes, 98
alagmus Ross, 98
alces Ross, 98
brevis Etner, 98
cophus Ross, 98
erraticus Milne, 98
erulus Ross, 98
miscus Ross, 98
neptus Ross, 98
ophioderus Ross, 98
saccus Ross, 98
uvalo Ross, 98
wetzei Ross, 98
atkinsoni Hepner, Erythronoeae, 68
atlanta Ross, Neophasylax, 100
Atopsyche, 103
aconura Ross, 103
aperta Ross & King, 103
boneti Ross & King, 103
calopta Ross & King, 103
cropfi Ross & King, 103
erigia Ross, 103
espala Ross & King, 103
explanata Ross, 103
jaboda Ross & King, 103
kamesa Ross & King, 103
kgingi Ross, 103
majada Ross, 103
ulmeri Ross, 103
vatucra Ross, 103
atra Malloch, Forbesomyia, 82
atracornus MacGillivray, Monophadnus, 126
atracostus MacGillivray, Tenthoredo, 129
atrau MacGillivray, Biennocampa, 121
atratum MacGillivray, Isodiyctium, 124
atratus DeLong, Cloanhanus, 75
atratus alternans Frison, Bremus, 111
atravenus MacGillivray, Tenthoredo, 129
attrifrons Malloch, Gimnamera, 81
attritibialis Knight, Lygus, 62
attriventris fusipes Robertson, Synhalonia, 110
atrum MacGillivray, Phrontosomes, 127
attenuata Malloch, Hylemyia, 82
Augochlora, 115
austrina Robertson, 115
confusa Robertson, 115
matilda Robertson, 115
similis Robertson, 115
Aulacidea, 113
solidaginis, Girault, 113
Aulax, 113
bicolor Gillette, 113
aurora Malloch, Forcipomyia, 83
aureoventris Davis, Dicosmoecus, 99
auricomus Robertson, Bombias, 111
Auridius, 75
xanthus Hamilton & Ross, 75
aurifrons Malloch, Schoenomyza, 90
aurora Ricker, Allocapnia, 57
australis Metcalf, Hierps, 76
australis Robertson, Odynerus, 132
austrina Robertson, Augochlora, 115
autumna Hoppe, Alloperla, 58
autumnalis Robertson, Epeolus, 109
autumnalis Robertson, Mellissodes, 109
autumnalis Robertson, Panurgus, 108
avigo Ross, Glyphopsyche, 99
avigo Ross, Psychoglyphia, 100
ayanus Ross, Neophasylax, 100

B
bactro Ross, Microsoma, 92
bacticus Burks, Baeitis, 56
Baeitae, 56
Baeitis, 56
anachis Burks, 56
bacticus Burks, 56
cleptis Burks, 56
clachistus Burks, 56
harrti McDunnough, 56
herodes Burks, 56
ochris Burks, 56
pallidula McDunnough, 56
physalis Burks, 56
bainterii Hepner, Erythronoeae, 68
bakeri MacGillivray, Neocharactus, 126
balanata MacGillivray, Ilycorisa, 119
balata MacGillivray, Ilycorisa, 119
baldufi Kingsolver & Ross, Orthotrichia, 96
ballista MacGillivray, Ilycorisa, 119
balmorhea Ross, Protoperita, 93
balteatus Thew, Ulmerius, 57
banksi Frison, Alloperla, 59
banksi Malloch, Andrena, 105
banksi Ross, Rhyncophila, 103
Banksiola, 99
selina Betten, 99
bicolor harti Ross, Macroxyela, 132
bicolor nigrata Ross, Dolerus, 121
bicornis MacGillivray, Macremphytus, 125
bicornis Robertson, Odynerus, 132
bicruciata Malloch, Hylemyia, 82
bicurvata Hepner, Erythronoea, 68
bidens Ross, Hydropsyche, 94
bifasciata Ray, Mordellistena, 79
bifasciatus Malloch, Orthocladius, 86
bifosa Ross, Imania, 99
bifurcata Allen, Ephemereuia, 56
bifurcatus Robertson, Odynerus, 132
bilineata MacGillivray, Macrophyia, 125
bilineatus MacGillivray, Tenthredo, 129
billi Hepner, Erythronoea, 68
bimaculata Woodworth, Gypona, 76
bimaculatipennis Girault, Astichus, 114
bipunctatus MacGillivray, Monophasonus, 126
bipunctulata Woodworth, Gypona, 77
bisetulata Malloch, Aphiochaeta, 90
bispina Malloch, Botanobia, 87
bispinosa Malloch, Helina, 89

Biston, 105

ypsilon Forbes, 105

Bittacidae, 81

Bittacus, 81

taraensis Penny, 81

blanda Sanderson, Phyllophaga, 80

blandura Becker & Sanderson, Reichenbachia, 80

blarina Ross, Rhyacophila, 103

Blennocampa, 113

kinseyi Weld, 113

benefici Hepner, Erythronoea, 68

bennetti Ross, Micrasema, 92

bequaerti Dreisbach, Pomphilus, 119

Berea, 92

gorreta Ross, 92

Braeidae, 92

bergi Ross, Molannodes, 100

bernea Ross, Anagapetus, 93

berneri Allen & Edmunds, Ephemereuia, 56

berneri Ross, Hydropsyta, 95

besametta Ricker, Nemoura, 69

betheuthe MacGillivray, Metallus, 125

betheuthe Sanders, Hoplogryon, 120

Bethylidae, 111

betteni Ross, Goerita, 93

betteni Ross, Hydropsyce, 94

betulella Walsh, Calafis, 64

Beyeria, 81

pulex Sanderson, 81

Bezzia, 83

albidorsata Malloch, 83

apicata Malloch, 83

cockerrelli Malloch, 83

dentata Malloch, 83

flavitaris Malloch, 83

bicautudata Malloch, Hylemyia, 82

cicolar Beauvois, Dolerus, 121

cicolar Campbell, Lobopoda, 77

cicolar Gillette, Antistrophus, 113

cicolar Gillette, Aulax, 113

cicolar MacGillivray, Macroxyela, 132

cicolar Metcauf, Bruchomorpha, 76

cicolar Robertson, Agapostemon, 115

biclor harti Ross, Macroxyela, 132
boneti Ross, Chimalara, 101
boneti Ross & King, Atopsyche, 103
boniorum Hepner, Erythronoea, 68
bonita Becker & Sanderson, Rhinoscepsis, 80
bonnevilleiensis Knowlton, Aphis, 63

*Borborus,* 91
scriptus Malloch, 91
boreale Robertson, Dianthidium, 117
borealis MacGillivray, Dolerus, 121
borealis MacGillivray, Taxonius, 128

*Botanobia,* 87
bispina Malloch, 87
binkleyi Malloch, 87
spiniger Malloch, 87

*bowmanorum* Hepner, Erythronoea, 68
*Brachyceridae,* 92

*Brachycercentrus,* 92
asplius Ross, 92
delatus Ross, 92
dimicki Milne, 92
lateralis Say, 92
numerous Say, 92
spinae Ross, 92

*Brachygaster,* 115
angustata Frison, 115
eximia Frison, 115
parishi Frison, 115
peruviana Frison, 115
rubia Frison, 115
brachyneura Malloch, Metriocnemus, 85

*Brachyptera,* 61
limata Frison, 61
rossi Frison, 61
zelona Ricker, 61

*Brand,* 112
crassifemur Muesebeck, 112
*Bracionidae,* 112

*brazzei* Hepner, Erythronoea, 68

*Bremen,* 111-112
atruatus alternans Frison, 111
calignosus Frison, 111
centralis fucatus Frison, 111
centralis stolidus Frison, 111
edwardsii russels Frison, 111
formosselus Frison, 111
formosselus derivatus Frison, 111
formosselus gradatus Frison, 111
franklini Frison, 111
kirbyellus alexanderi Frison, 111
kirbyellus arizonensis Frison, 111
mearnsi deflectus Frison, 111
mearnsi dilutus Frison, 111
melanopygus washingtonensis, Frison, 111
neotropicalis Frison, 111
niger signatus Frison, 111
pleuralis clarus Frison, 111
robustus curiosus Frison, 111
rufocinclus sladeni Frison, 111
sonani Frison, 111
sylvicola luzzi Frison, 111
sylvicola sculleni Frison, 112
terricola severini Frison, 112
vagans helenae Frison, 112
brendae Hepner, Erythronoea, 68

*brevicornis* Hart, Tychea, 66
*brevicornis* Malloch, Tetramerinx, 90
*brevicornis* Robertson, Colletes, 112
*brevidus* DeLong, Chlorotetrix, 75
*brevinervis* Malloch, Orthocladius, 86
*brevior* Ross & Hamilton, Diplocolenus, 75
*brevipilosa* Malloch, Myidea, 89
*brevis* Etner, Athripsodes, 98
*brevis* Knight, Hyaliodes, 62
*brevispinata* Malloch, Phaonia, 90
*bronta* Ross, *Hydropsyche*, 94
*brooki* Hepner, Erythronoea, 68
*brooksi* Ross, Allocapnia, 57
*brower* Bickle, Hydropsyche, 95
*brucensis* Hepner, Erythronoea, 68

*Bruchomorpha,* 76
bicolar Metcalf, 76
decorata Metcalf, 76
*vittata* Metcalf, 76
*bruesii* Milne & Milne, *Rhyacophila*, 103
*bruesii* Melander, *Nemotulus*, 91
*brunduroides* Hepner, Erythronoea, 68
*brunneus* rau Hamilton, *Paraphlepus*, 76
*brustia* Ross, Chimalara, 101
*brustia* Ross, Stactobia, 97
*buccata* Malloch, *Xenomydae*, 90
*bubosa* Frison, *Diploperla*, 61
*burksi* Frison, *Isoperla*, 61
*burksi* Ricker, *Taeniopteryx*, 62
*burksi* Ross, *Cheumatopsyche*, 94
*burksi* Ross & Unzicker, *Micrasema*, 92
*byersi* Hepner, Erythronoea, 68
*byersi* Webb & Penny, Neopanorpa, 81

*Bythinoplectus,* 79
carenoado Becker & Sanderson, 79
*emargo* Becker & Sanderson, 79
*trapezoides* Becker & Sanderson, 79

*C*

*Caborius,* 99
*kaskaskia* Ross, 99
*lyratus* Ross, 99
*caddoensis* Hepner, Erythronoea, 68
cadura MacGillivray, *Empria*, 123
caeca MacGillivray, *Empria*, 123
*Caeciliidae,* 77
*Caecilius,* 77
*manter* Sommerman, 77
*Caecossonus,* 78
dentipes Gilbert, 78
*Caenidae,* 56
*Caenis,* 56
gigas Burks, 56
*Caenolyda,* 119
*onekama* MacGillivray, 119
careruleus Ashmead, *Tetrastichus*, 118
careruleus Malloch, *Medeterus*, 88
catrata MacGillivray, *Empria*, 123
caffrei Flint & Malloch, *Pyrausta*, 105
*Calanoceratidae,* 92
*Calaphis,* 64
*betulella* Walsh, 64
*calcara* Robertson, *Ceratina*, 108
*calca* Ross, *Cernotina*, 101
Webb: Primary Insect Types

145
caldera MacGillivray, Empria, 123
caldwelli Ross, Smicridea, 95
californiae Essig, Monellia, 65
caliginosa Hotte & Frison, Aphis, 63
caliginosus Frison; Brems, 111
Caliroa, 121
labrata MacGillivray, 121
lacinate MacGillivray, 121
jata MacGillivray, 121
lauata MacGillivray, 121
lineata MacGillivray, 121
liturata MacGillivray, 121
lobata MacGillivray, 121
lorata MacGillivray, 121
loricata MacGillivray, 121
lunata MacGillivray, 121
nortonia MacGillivray, 121
Callicera, 91
johnsoni MacGillivray, 91
callicerae MacGillivray, Empria, 123
Calliopsis, 108
asteris Robertson, 108
compositarum Robertson, 108
labrosus Robertson, 108
parvus Robertson, 108
rudbeckiae Robertson, 108
rugosus Robertson, 108
solidaginis Robertson, 108
Calliporus, 64
caryafoleae Davis, 64
Callirhytis, 113
eillospidea Weld, 113
fulva Weld, 113
marginata Weld, 113
maxima Weld, 113
middletomi Weld, 113
calliopea Ross, Erythroneura, 68
callisphaea Ross, Empria, 123
Callophy, 77
pullidula McAtee, 77
caloa Ross & King, Atopsyche, 103
calva Ross, Chiricahua, 101
camirei Hepner, Erythroneura, 68
campanulae Robertson, Oligotopus, 118
campanulata Robertson, Sphagna, 91
Campesus, 56
primus McDunnough, 56
CamplocADIUS, 84
flavens Malloch, 84
flavicans Malloch, 84
lasioptalmus Malloch, 84
lasios Malloch, 84
subaterrimus Malloch, 84
Campoptera, 118
pulla Girault, 118
campyla Ross, Cheumatopsyche, 94
canadensis Curran, Syrphus, 91
canadensis Malloch, Fanni, 89
canarsi Ashmead, Apanteles, 112
canarsi Ashmead, Limneria, 117
canarsi Ashmead, Spilocryptus, 117
canx Ross, Dicosmoecus, 99
canda Ross & Moore, Empoasca, 66
candidula MacGillivray, Empria, 123

canora MacGillivray, Empria, 123
canthera Ross, Lepidostoma, 97
canthera Ross, Protoptila, 93
Cantharidae, 77-78
canthella Ross & Cunningham, Empoasca, 66
capilata MacGillivray, Empria, 123
capitana Ross, Ochrotrotia, 96
capitatus MacGillivray, Tenthredo, 129
Capidophorus, 64
coramus Hotte & Frison, 64
oestlundii Knowlton, 64
pakensis Hotte & Frison, 64
patonius Hotte & Frison, 64
Capnidae, 57-58
Canaria, 58
barbata Frison, 58
distincta Frison, 58
elevata Frison, 58
jewetti Frison, 58
limata Frison, 58
melta Frison, 58
oregona Frison, 58
pileata Jewett, 58
projecta Frison, 58
promota Frison, 58
umpqua Frison, 58
wanica Frison, 58
willametter Jewett, 58
Carabidae, 78
carbasea MacGillivray, Empria, 123
Carborius, 99
lyratus Ross, 99
cardeulla Walsh, Aphis, 63
cardis Ross, Parapsycbe, 95
carenado Becker & Sanderson, Bythinoplectus, 79
cari Essig, Aphis, 68
carinatus Forbes, Tetrastichus, 115
cariosa MacGillivray, Empria, 123
carmiensis Hepner, Erythroneura, 68
carorhizina, 62
flava Fracker, 62
cartwrighti Sanderson, Batrisodes, 79
caryafoleae Davis, Calliopesus, 64
caryafoleae Hepner, Erythroneura, 68
casca MacGillivray, Empria, 123
cascada Ross, Empoasca, 66
cascada Ross, Lepania, 99
cascadensis Hoppe, Isoperla, 61
cascadenis Milne, Jenortha, 97
cascadis Ross, Imania, 99
caseyi Blassel, Lathrotropis, 81
casta MacGillivray, Empria, 123
castaneum Becker & Sanderson, Decarthron, 80
castigata MacGillivray, Empria, 123
caster Ross & Merkley, Limnephilus, 99
cata MacGillivray, Empria, 123
catawba Ross, Hydropsyche, 94
Catopidae, 78
caudata Frison, Alloperla, 59

July 1980
cauduca MacGillivray, Empria, 123
causatus MacGillivray, Tenthredo, 129
cauta MacGillivray, Empria, 123
cautoides Hepner, Erythroneura, 68
cava MacGillivray, Empria, 124
cavata MacGillivray, Empria, 124
caverna Davidson & DeLong, Empoasca, 66
caverna Hepner, Erythroneura, 68
cavipierra Hepner, Erythroneura, 68
Cecidomyiidae, 82
celerbata MacGillivray, Empria, 124
celsa MacGillivray, Empria, 124
celsus Ross, Paragapetus, 93
centra Ross, Hydropsyche, 94
centralis Ross, Chimarra, 101
centralis fucatus Frison, Bremus, 111
centralis stolidus Frison, Bremus, 111
ccephalanthi Thomas, Aphis, 63
Cephalcia, 119
criddei MacGillivray, 119
dissipator MacGillivray, 119
distincta MacGillivray, 119
jenseni MacGillivray, 119
cephalicus Robertson, Halictus, 116
cera Hepner, Erythroneura, 68
Cerambycidae, 78
Ceratina, 108
calcarata Robertson, 108
Ceratophoton, 83
fusinervis Malloch, 83
Ceratophotonidae, 83-84
Cercoceroides, 80
grandis Becker & Sanderson, 80
cerina MacGillivray, Empria, 124
Cernotina, 101-102
astera Ross, 101
calcea Ross, 101
latticula Ross, 101
ohio Ross, 101
oklahoma Ross, 102
sinosa Ross, 102
spicata Ross, 102
stannardi Ross, 102
taeniata Ross, 102
truncona Ross, 102
uncifera Ross, 102
zanclana Ross, 102
Cerodontha, 81
illinoensis Malloch, 81
Cerospina, 64
rubifoli Thomas, 64
cerus Ross & Spencer, Limnephilus, 99
cerviculata Frison, Evania, 115
cervinus MacGillivray, Craterocercus, 121
cetaria MacGillivray, Empria, 124
Chaitophoros, 64
flavus Forbes, 64
neglectus Hottes & Frison, 64
negundinis Thomas, 64
populicola Thomas, 64
puillus Hottes & Frison, 64
salicicola Essig, 64
Chalcididae, 112
Chalcidopterella, 115
macgillivrayi Frison, 115
Chalcis, 112
megalomis Burks, 112
Chalepus, 78
hebalus Sanderson, 78
Chamaemyiidae, 84
chamberisi Hepner, Erythroneura, 68
chandleri Hepner, Erythroneura, 69
chandleri Moore, Lopidea, 62
chapingo Ross, Empoasca, 66
Charadrella, 89
maccrosoma Wulp, 89
charlesi Ross, Polycentropus, 102
charyda Cornell, Eubaeocera, 80
chehawensis Hepner, Erythroneura, 69
cheilonis Ross, Hydropsyche, 94
chelatus Ross, Brachycentrus, 92
chelatus Ross & Yamamoto, Polycentropus, 102
chelus DeLong & Berry, Scaphoideus, 76
chenoides Ross & Yamamoto, Polycentropus, 102
cheremum Kissinger, Apion, 78
chetansapa Hottes & Frison, Aphis, 63
Cheumatopsyche, 94
aphantia Ross, 94
burski Ross, 94
campyla Ross, 94
enonis Ross, 94
etrona Ross, 94
gyra Ross, 94
helma Ross, 94
lasia Ross, 94
mollala Ross, 94
oxa Ross, 94
pasella Ross, 94
pinaca Ross, 94
wrighti Ross, 94
zion Ross, 94
chiapasa Jewett, Anacroneuria, 60
chila Ricker, Nemoura, 60
chilenis Yamamoto, Polycentropus, 102
chiluinala Ricker, Hastaperla, 59
Chimarra, 100-101
acuta Ross, 100
boneti Ross, 101
brustia Ross, 101
calva Ross, 101
centralis Ross, 101
cornuta Ross, 101
curfmami Ross, 101
dentosa Ross, 101
dila Ross, 101
dembia Ross, 101
demina Ross, 101
ferea Ross, 101
florida Ross, 101
hoogstraali Ross, 101
ovalis Ross, 101
patosa Ross, 101
perigusta Ross, 101
schiza Ross, 101
setosa Ross, 101
spatulata Ross, 101
tsudai Ross, 101
utahensis Ross, 101
volenta Ross, 101

Vol. 32, Art. 2
Coniopteryx, 77
  cyphodera Johnson, 77
conjugatus MacGillivray, Dolerus, 121
conjunctoides Robertson, Osinia, 118
 connata Ross, Trienaedus, 98
Conopidae, 88
Conotrachelus, 78
 anaglypticus Say, 78
 hayesi Schoof, 78
 hicroiae Schoof, 78
 connecta Ross, Empoasca, 66
 consimilata Malloch, Helina, 89
 consobrinus MacGillivray, Monophadnoides, 125
 consonus MacGillivray, Monophadnoides, 126
 conspersus MacGillivray, Monophadnoides, 126
 conspicua Frison, Isoperla, 61
 conspiculata MacGillivray, Monophadnoides, 126
 conspicus MacGillivray, Monophadnoides, 126
 constituus MacGillivray, Monophadnoides, 126
 contexta MacGillivray, Empria, 124
 contorta MacGillivray, Empria, 124
 contorta Ross, Polytrichia, 97
 contortus MacGillivray, Monophadnoides, 126
 convexa MacGillivray, Poeциlostoma, 127
 convexula Sanderson, Stenelmis, 79
 cookii Weed, Cremastus, 117
 cookii rufus Weed, Cremastus, 117
 cooni Hepner, Erythronema, 69
 cophus Ross, Athripsodes, 98
 copiosa Wulp, Spilogaster, 90
 Copereucolla, 113
  marginata Gillette, 113
 coracinus MacGillivray, Monophadnoides, 126
 coramus Hottes & Frison, Capitophorus, 64
 cordata Robertson, Osinia, 118
 cordatus MacGillivray, Monophadnoides, 126
 cordleyi MacGillivray, Craterocercus, 121
 cordon Ross, Chyranida, 99
 Coricidae, 62
 coreopsidis Thomas, Siphonophora, 65
 coreopsis Robertson, Chloralictus, 115
 coreopsis Robertson, Mclissodes, 109
 Corimelaena, 62
  harti Malloch, 62
  interrupta Malloch, 62
  minutissima Malloch, 62
  polita Malloch, 62
  cormus Burks, Tetrastichus, 115
  corni Robertson, Andrena, 106
  corni Tissot, Pergandiedia, 65
  cornuta Ross, Chimarra, 101
  cornuta Ross, Hydropsysche, 94
  cornuta Ross, Sialis, 77
  corona Ross, Thelopsysche, 98
  corradus Becker & Sanders, Arthmius, 79
  Corrodenia, 77
  corticosus MacGillivray, Pachynematus, 126
  coryli Davis, Macrosphrus, 64
  Corynoneura, 85
  similis Malloch, 85
  corytus MacGillivray, Monophadnoides, 126
 Cosmoharisi, 78
  sionilli Hayes, 78
  squamiger Hayes, 78
  costalis MacGillivray, Monophadnoides, 126
  costata MacGillivray, Empria, 124
  costello Ross, Agraylea, 95
costa Ricker, Isoperla, 61
  cotafaquilla James, Leuctra, 59
coxi Ross & DeLong, Erythronema, 69
 Crabo, 112
  americana rubrosa Ross, 112
  crambi Weed, Apanteles, 112
  cranbrookensis Curran, Sphaerophoria, 91
  crassmus Ross, Agapetus, 92
  crassicaudatus Malloch, Chironomius, 84
  crassifemorata Malloch, Serromyia, 84
  crassifemur Muesebeck, Bracon, 112
  crassus MacGillivray, Monophadnoides, 126
  crataegi Robertson, Andrena, 106
  Craterocercus, 121
  cervinus MacGillivray, 121
  circulus MacGillivray, 121
  cordleyi MacGillivray, 121
  infuscatus MacGillivray, 121
 Cremastus, 117
  cookii Weed, 117
  cookii rufus Weed, 117
  forbesi Weed, 117
  hartii Ashmead, 117
  crenula Allen & Edmunds, Ephemera, 56
  crenulata Jewett, Anacronemura, 60
  crepuscularis Malloch, Culicoides, 85
  cressonii Robertson, Andrena, 106
  cressonii Robertson, Epeolus, 108
  cressonii Robertson, Nomada, 110
  cressonii Robertson, Sphedodium, 117
  Cricotopus, 85
  flavibasis Malloch, 85
  slossona Malloch, 85
  criddlei MacGillivray, Cephalzea, 119
  cristata Malcomson, Philopterus, 62
  cristata Malloch, Hydrotaea, 89
  Cristatithorax, 114
  pulcher Girault, 114
  cristatum Becker & Sanders, Decarthron, 80
  cristella Ross & Cunningham, Empoasca, 66
  croshi Hepner, Erythronema, 69
  croshi James, Leuctra, 59
  crotchii strata Hy. Edwards, Pseudalypia, 105
  crucis Essig, Thosiasia, 66
  crucenai LaBerge, Andrena, 106
  Cryptomeigenia, 91
  flavibasis Curran, 91
  crytosta Ross, Empoasca, 66
  Cteniceris, 79
  laeuci Becker, 79
  Ctenolepisma, 56
  urbana Slabaugh, 56
  cuenis Ross, Hydropysche, 94
  cubana Kingsolver, Helicopsycha, 95
  cucini Webb, Chironomus, 84
  cucullata Frison, Strophophytryx, 61
  cucumeris Forbes, Aphid, 63
  Culicoides, 83
  crepuscularis Malloch, 83
  haematopotus Malloch, 83
  multipunctatus Malloch, 83
culpata MacGillivray, Empria, 124
cumulata MacGillivray, Empria, 124
cuneata MacGillivray, Empria, 124
cuneatoide Hepner, Erythroneura, 69
cuneatus Robertson, Gnathias, 109
cuneatus decemnotatus Robertson, Gnathias, 109
cuneatus octonotatus Robertson, Gnathias, 109
cuneatus quadrirugatus Robertson, Gnathias, 109
cuneatus sexnotatus Robertson, Gnathias, 109
cunninghami Hepner, Erythroneura, 69

cunninghami Ross, Empoasca, 66

cuminghami Ross & Ricker, Allocapnia, 57
cupida MacGillivray, Empria, 124
curata MacGillivray, Empria, 124

curculionidae, 78-79
curfmani Ross, Chimarla, 101
curiosa Frison, Allocapnia, 57
curious MacGillivray, Monophasoides, 126
cuta Kingsolver & Ross, Orthotrichia, 97
cutaega Hepner, Erythroneura, 69
curricollis Knab, Donacia, 78

curtilamellatus Malloch, Chironomus, 84
curtoide Hepner, Erythroneura, 69

curvarus DeLong & Mohr, Scaphoidea, 76

cyraeus Sanderson, Batrionides, 79
cyripes Malloch, Hylemyia, 82
custeri Hepner, Erythroneura, 69

cydidae, 62

Cypelopus, 79

carperti Sanderson, 79

Cymbindyta, 79

tiecker picta Smetana, 79

cynipidae, 113-114

cynips, 113-114

cyrtocarya Bassett, 113

cynnota Bassett, 114

quercus futilis Osten Sacken, 114

quercus majalis Bassett, 114

quercus mammula Bassett, 114

quercus punctata Bassett, 114

quercus singularis Bassett, 114

vesicula Bassett, 114

cyphodera Johnson, Coniopteryx, 77

cyrtinus, 78

sandersoni H. Howden, 78

cytropeltocoris, 62

illini Knight, 62

daelia MacGillivray, Phrontosoma, 127
daedala MacGillivray, Pontania, 127
daedaleus Thew, Thraulodes, 57
daltonorum Hepner, Erythroneura, 69
dampfi Jewett, Anacroniea, 60
dampfi Ross, Helicopsyche, 93
dampfi Ross & King, Atopsyche, 103
dampfi Ross & King, Wormaldia, 101

dasyopa, 87

pleuralis Malloch, 87

davidi Hepner, Erythroneura, 69
davi James, Isopera, 61

davisi Robertson, Sphoedres, 116

daytona Ross, Oecetes, 98

debilis Ross, Agapetus, 92

decalda Ross, Hydropsyche, 94

decarthon, 80

decanesis Becker & Sanderson, 80

decumatum Becker & Sanderson, 80

decument Hepner & Sanderson, 80

decrustatum Becker & Sanderson, 80

decuratum Becker & Sanderson, 80

yaguele Becker & Sanderson, 80

dectopa Frison, Isoperla, 61

decpta Frison, Nemoura, 60

decpta Hottes & Frison, Aphis, 63

decptiva Malloch, Agromyza, 81

deciuca Beutenmueller, Andricus, 113

deckeri Ross & Cunningham, Empoasca, 66
decoloratus Malloch, Tanypus, 86
decorata Metcalf, Brachomorpha, 76

decrinita MacGillivray, Pontania, 127

dedicitius MacGillivray, Hemitaxonius, 124

dedecora MacGillivray, Pontania, 127

deformata Hepner, Erythroneura, 69
deklei Hepner, Erythroneura, 69

deleatidium, 57

vittatum Thew, 57

delia Wulp, Leucomerina, 89

delicala Frison, Alloperla, 59

delicala Frison, Euvania, 115

delicala Dosier, Anagrus, 118

delira Ross, Stactobia, 97

delongi Ross, Lepidostoma, 118

delongi Ross & Cooley, Flexamina, 75

delosa Ricker, Nemoura, 60

delrio Ross, Hydropsyche, 94

deltoides Yamamoto, Polycentropus, 102

demissa MacGillivray, Pontania, 127

demita Ross, Philocasca, 100

demora Ross, Hydropsyche, 94

demotipa, 78

coculeata Sanderson, 78

denmarki Hepner, Erythroneura, 69

dentariae Robertson, Xanthidium, 110

dentata Kingsolver & Ross, Orthotrichia, 97

dentata Malloch, Bezzia, 85

dentata Ross, Hydrotilla, 95

dentatum Ross, Aglaostigma, 120

dentatus MacGillivray, Pamphilus, 119

denticollis, 79

quadrosa Becker, 79

denticornis Malloch, Coenosia, 89

denticula Allen, Ephemerella, 56

denticulata Robertson, Nomada, 110

dentipes Gilbert, Caecocousus, 78

dentoides Yamamoto, Polycentropus, 102

dentosa Ross, Chimarra, 101

denzi Ross, Hydroptila, 95

deperassa MacGillivray, Strongylgastroidea, 128

depressus Becker & Sanderson, Scalenarthrus, 80

derosa MacGillivray, Pontania, 127

deserti Burdick, Xyela, 129

desidious MacGillivray, Dumorphopteryx, 121

destrica MacGillivray, Pontania, 127

destuctor Malloch, Agromyza, 81

divinta MacGillivray, Pontania, 127

dextra Ross, Agryzenia, 101
Webb: Primary Insect Types

July 1980

diabasia Burks, Heptagenia, 56
diadaleus Thew, Thraulodes, 57
dianae Hepner, Erythronoeura, 69
Dianthidium, 117
  boreale Robertson, 117
  diantherae Malloch, Limnoagromyza, 81
diarna Ross, Leptocella, 98
Diasticis, 105
  floridenensis Hulst, 105
  speciosa Hulst, 105
Diastrophus, 114
  scutellaris Gillette, 114
Dibusa, 95
  angata Ross, 95
dicala Frison, Isoperla, 61
dicantha Ross, Hydropsyche, 94
Dicosmoecus, 99
  aureoventris Davis, 99
dicaxis Ross, 99
Dicranota, 92
  iowa Alexander, 92
Dictyoptergella, 61
  knowlotoni Frison, 61
didactyla Ross, Neothremma, 100
diffilis Hottes & Frison, Cinara, 64
digitatus Malloch, Chironomus, 84
digitus Yellowstone, Polycentropus, 102
Dikraneura, 66
  hamar DeLong & Ross, 66
dimicki Frison, Nemoura, 60
dimicki Milne, Brachycentrus, 92
Dimorphopteryx, 121
  desidiosus MacGillivray, 121
  enculeatus MacGillivray, 121
  ishicus MacGillivray, 121
  morsie MacGillivray, 121
  onrion MacGillivray, 121
  salinus MacGillivray, 121
  scopulosus MacGillivray, 121
dimorphus Malloch, Chironomus, 85
Diplocolenus, 75
  aquilonius Ross & Hamilton, 75
  brevior Ross & Hamilton, 75
Diploperla, 61
  arina Frison, 61
  bulbosa Frison, 61
  fraseri Ricker, 61
  pilata Frison, 61
Dipogon, 131
  femur-aureus Dreisbach, 131
Diprimionidae, 114
dipsia Ross, Triaenodes, 98
Diptera, 81-92
Dirhins, 112
  paoli Burks, 112
  perideus Burks, 112
discimana Malloch, Mydaea, 90
discomphaloides Evans, Apenesia, 111
Discholaspis, 114
  acatabula Weld, 114
  globosa Weld, 114
  lacuna Weld, 114
  dissimilis Malloch, Orthochaeta, 82
  dissipator MacGillivray, Cephalia, 119

Dissomphalus, 111
  singularis Evans, 111
  distichiae Malloch, Anthracophaga, 87
  distincta Frison, Capnia, 58
  distincta MacGillivray, Cephalia, 119
  distincta MacGillivray, Macroxyela, 132
  distinctus MacGillivray, Monopladus, 126
  distinctus Malloch, Orthocladius, 86
  distinctus basilaris Malloch, Orthocladius, 86
  distinctus bicolor Malloch, Orthocladius, 86
diteris Ross, Micrasema, 92
ditissa Ross, Oecetis, 98
divalis Sanderson, Rimulincola, 81
diversa Frison, Alloperla, 59
doeringae Hepner, Erythronoeura, 69
Dolerus, 121-123
  abdominalis Norton, 121
  acritus MacGillivray, 121
  acgistus Ross, maroa Ross, 121
  apricus Norton, 121
  aprillis Norton, 121
  aprioides MacGillivray, 121
  bicolor Beauvois, 121
  bicolor nigrara Ross, 121
  borealis MacGillivray, 121
  clypealis Ross, 121
cohaesus MacGillivray, 121
collaris Say, 121
collaris erebus Ross, 121
colosericeus MacGillivray, 121
coujugat MacGillivray, 121
dysporus MacGillivray, 121
defleri auraneus Ross, 121
defleri rubicanus Ross, 121
eurybis Ross, 121
graenicheri MacGillivray, 121
icterus MacGillivray, 121
idahoensis Ross, 121
illini Ross, 122
illini rufilobus Ross, 122
inspectus MacGillivray, 122
inspiratus MacGillivray, 122
interjectus Ross, 122
kennedyi Ross, 122
konowi MacGillivray, 122
lepticus MacGillivray, 122
luctatus MacGillivray, 122
minuscus MacGillivray, 122
monosericus MacGillivray, 122
moramus Ross, 122
napaeus MacGillivray, 122
narratus MacGillivray, 122
nasutus MacGillivray, 122
nativus MacGillivray, 122
nauticus MacGillivray, 122
necessarius MacGillivray, 122
necosericus MacGillivray, 122
nectarreus MacGillivray, 122
nepastus MacGillivray, 122
negotiosus MacGillivray, 122
nemorosus MacGillivray, 122
neoagarctus MacGillivray, 122
neoaprilis MacGillivray, 122
Illinois Natural History Survey Bulletin
Vol. 32, Art. 2

neocollaris MacGillivray, 122
eosericus MacGillivray, 122
neotugnus MacGillivray, 122
nepotulus MacGillivray, 122
nervosus MacGillivray, 122
necius MacGillivray, 122
nicaeus MacGillivray, 122
nidulus MacGillivray, 122
nimbosus MacGillivray, 122
nivatus MacGillivray, 122
nocius MacGillivray, 122
nocus MacGillivray, 122
nominatus MacGillivray, 122
norton Ross, 122
novellus MacGillivray, 122
novicius MacGillivray, 122
nugatorius MacGillivray, 122
numerosus MacGillivray, 122
nummarius MacGillivray, 122
nummatus MacGillivray, 122
nundinus MacGillivray, 122
nunius MacGillivray, 125
nuntricus MacGillivray, 123
nyctelius MacGillivray, 123
osagensis Ross, 123
parasericus MacGillivray, 123
plesius MacGillivray, 123
polysericus MacGillivray, 123
refugus MacGillivray, 123
salmi Ross, 123
sericus Say, 123
sericus centralis Ross, 123
similis nordanus Ross, 123
stugnus MacGillivray, 125
tectus MacGillivray, 123
unicolor MacGillivray, 123
wanda Ross, 123
Dolichopodidae, 88

Dolophilus, 101
anillus Ross, 101
occideus Ross, 101
shawnee Ross, 101
strotus Ross, 101

Donacia, 78
curciticollis Knab, 78
dorata Frison, Hydroperla, 61
dorci Ross, Philopotamus, 101
doriasae Hepner, Erythronoea, 69
dornere Malloch, Chironomus, 85
dorothea Dyar, Macrurocapma, 105
dorsata Ross & King, Wormaldia, 101
dorsimaculara Wulp, Anthomyia, 81
dorsovittata Malloch, Eulimnophora, 89
dotata MacGillivray, Pontania, 127
douglasii Hepner, Erythronoea, 69

Draculus Ross & Hamilton, Latalus, 76
Drepananthis, 64
keshenae Granovsky, 64
Drosophilidae, 88
Dryophanta, 114
lanata Gillette, 114
dubia Frison, Alloperla, 59
dubia Robertson, Andrena, 106
dubitatus MacGillivray, Tentredo, 129
dubius Malloch, Tanytarsus, 86
dunni Hepner, Erythronoea, 69
Durocapillata, 64
utahensis Knowlton, 64
dysporus MacGillivray, Dolerus, 121

eccia Ross & Moore, Empoasca, 66
Ecclisomyia, 99
scylla Milne, 99
echo Ross, Oligoplectrum, 92
econa Ross, Erythronoea, 69
ecosa Ross, Hydropsyche, 105
ectus Ross, Limnephilus, 100
edalis Ross, Neotrichia, 96
eddestoni Ross, Oecetis, 98
edenji Hepner, Erythronoea, 69
edessa MacGillivray, Pteronidea, 128
edgar Hepner, Erythronoea, 69
edita MacGillivray, Pteronidea, 128
edura MacGillivray, Pteronidea, 128
edwardsii russulus Frison, Bremus, 111
effeta MacGillivray, Pteronidea, 128
effrenatus MacGillivray, Pteronidea, 128
effusa MacGillivray, Pteronidea, 128
egria MacGillivray, Pteronidea, 128
egnatia MacGillivray, Pteronidea, 128

Eichokaiophorus, 64

Electrogapetus, 93

Electrapalus, 81

eclipta Ross, 81
aleurodis Forbes, 119
elarus Ross, Polycentropus, 102
Elateridae, 79
elderi auraneus Ross, Dolerus, 121
elderi rubicanus Ross, Dolerus, 121
electa MacGillivray, Periclista, 127
electra MacGillivray, Pteronidea, 128

Electrotragopus, 93
tsadai Ross, 93
elegans Curran, Plonimia, 84
elegans Malloch, Thyanta, 63
elegans Weed, Limmeria, 117
elegantula Malloch, Fociotomia, 83
elele MacGillivray, Pteronidea, 128

Eleodes, 81
acuta pennisfra Blaisdell, 81
elephantulus Chittenden, Lixus, 78
erelobi Bickle, Neotrichia, 56
elavata Frison, Alloperla, 59
elavata Frison, Capnia, 58
elia Ross, Chimarra, 101
eliga Ross, Polytrichia, 97
elisoma Ross, Hydropsyche, 94

Elliptera, 92
illini Alexander, 92
eptoni Idaho, Callirhytis, 113
ellisi Hepner, Erythronoea, 69
Elmidae, 79
elongatus Hart, Nabis, 65
longogtus Yamamoto, Polycentropus, 102
entis Milne, Parapsyche, 95
emarginatus MacGillivray, Mogerus, 125
eemago Becker & Sanderson, Bythinoplectus, 79
embia Ross, Chimarra, 101
emerita MacGillivray, Pteronidea, 128
emina Ross, Chimarra, 101
emmesia Malloch, Pegomyia, 82
Emnesomyia, 81
apicalis Malloch, 81
unica Malloch, 81

**Empytus, 123**

gemitus MacGillivray, 123
gillettei MacGillivray, 123
halesus MacGillivray, 123
hallartus MacGillivray, 123
halitus MacGillivray, 123
haustus MacGillivray, 123
heroicus MacGillivray, 123
hiatus MacGillivray, 123
hiuicus MacGillivray, 123
hospitus MacGillivray, 123
hyacinthus MacGillivray, 123
yuasi MacGillivray, 123

**Empididae, 88**

**Empoa, 66**
albopicta Forbes, 66

**Empoaeca, 66-67**
alberta Ross, 66
alceda Ross & Cunningham, 66
altmani Cunningham & Ross, 66
ancella Cunningham & Ross, 66
andresia Ross, 66
angustifoliae Ross, 66
anilla Ross, 66
arizona Ross, 66
beckeri Ross, 66
canda Ross & Moore, 66
cathbella Ross & Cunningham, 66
cascada Ross, 66
caverna Davidson & DeLong, 66
chapino Ross, 66
cirsia Cunningham & Ross, 66
clinata Ross, 66
consecta Ross, 66
crisseta Ross & Cunningham, 66
crystola Ross, 66
cunninghami Ross, 66
deckeri Ross & Cunningham, 66
eclla Ross & Moore, 66
eguque Ross, 66
fenestra Ross, 66
fontana Ross, 66
foxi Ross & Cunningham, 66
foxilla Cunningham & Ross, 66
gansella Ross, 66
gibbosa Cunningham & Ross, 66
gibsoni Ross, 66
gribisa Ross, 66
guttiformis Cunningham & Ross, 67
hastosa Ross & Moore, 67
humilis Ross, 67
improcera Ross, 67
inaequiformis Cunningham & Ross, 67
incoata Ross, 67
kraemerii Ross & Moore, 67
laceiba Ross & Cunningham, 67
lucidae Ross, 67
mergata Ross, 67
mexara Ross & Moore, 67
milisi Ross, 67
minetra Cunningham & Ross, 67
nyкла Davidson & DeLong, 67
nodosa Cunningham & Ross, 67
occidua Ross, 67
ophiodera Ross & Cunningham, 67
orthodens Davidson & DeLong, 67
ovalis Ross, 67
panisca Ross & Moore, 67
petaluma Ross, 67
petiolaris Ross, 67
portola Ross, 67
reddina Ross, 67
robacki Ross & Cunningham, 67
saxosa Cunningham & Ross, 67
serrula Davidson & DeLong, 67
sinusina Ross & Cunningham, 67
spinulooides Cunningham & Ross, 67
sprita Ross, 67
styliformis Cunningham & Ross, 67
tepatana Ross & Cunningham, 67
teneris Ross & Cunningham, 67
velutina Ross, 67
verdia Ross & Moore, 67
zaphoides Ross, 67

**Empria, 123-124**
cadurca MacGillivray, 123
cacea MacGillivray, 123
catecra MacGillivray, 123
calda MacGillivray, 123
callida MacGillivray, 123
callosa MacGillivray, 123
candidula MacGillivray, 123
canora MacGillivray, 123
capillata MacGillivray, 123
carpra MacGillivray, 123
captiosa MacGillivray, 123
carbasea MacGillivray, 123
cariosa MacGillivray, 123
casca MacGillivray, 123
casta MacGillivray, 123
castigata MacGillivray, 123
cata MacGillivray, 123
cauducara MacGillivray, 123
cauta MacGillivray, 123
cava MacGillivray, 123
cavata MacGillivray, 123
celastriata MacGillivray, 124
cela MacGillivray, 124
cera MacGillivray, 124
cetaria MacGillivray, 124
critha MacGillivray, 124
cista MacGillivray, 124
cistula MacGillivray, 124
cistula MacGillivray, 124
cithara MacGillivray, 124
columna MacGillivray, 124
coliciata MacGillivray, 124
concisa MacGillivray, 124
cconis MacGillivray, 124
concitata MacGillivray, 124
concreta MacGillivray, 124
condensa MacGillivray, 124

**Webb: Primary Insect Types**
condita MacGillivray, 124
confera MacGillivray, 124
confirmata MacGillivray, 124
contexta MacGillivray, 124
contorta MacGillivray, 124
costata MacGillivray, 124
cupula MacGillivray, 124
cumulata MacGillivray, 124
cuneata MacGillivray, 124
cupida MacGillivray, 124
curata MacGillivray, 124
evecta MacGillivray, 124
ordica Ross, 124
cinquu Ross & DeLong, Erythroneura, 69
enatoides Hepner, Erythroneura, 69
enavata MacGillivray, Pteronidea, 128
Encarsia, 114
versicolor Girault, 114
Encyrtidae, 114
endonima Ross & King, Wormaldia, 101
enfieldensis Hepner, Erythroneura, 69
enigmae Hottes & Frison, Rhopalosiphum, 65
enigmata parvae Hottes & Frison, Rhopalosiphum, 65
tenoinis Ross, Cheumatopsyche, 94
tetella MacGillivray, Periclista, 127
enuleatus MacGillivray, Dimorphopteryx, 121
Epeolus, 108-109
autumnalis Robertson, 108
cressoni Robertson, 108
helianthi Robertson, 108
interruptus Robertson, 108
lectoides Robertson, 108
lunatus concolor Robertson, 108
pectoralis Robertson, 109
cphemeredatus Hottes & Frison, Pemphigus, 65
Ephemera, 56
argo Burks, 56
beneri Allen & Edmunds, 56
bifurcata Allen, 56
crenula Allen & Edmunds, 56
denticula Allen, 56
frisoni McDunnough, 56
kejœnsis Allen, 56
kholoi Allen, 56
lita Burks, 56
maxima Allen, 56
ora Burks, 56
rossi Allen & Edmunds, 56
simla Allen & Edmunds, 56
Ephemerellidae, 56
Ephemeroidea, 56
Ephemeroptera, 56-57
Epigrinimya, 91
illinoensis Robertson, 91
epilone Ross, Thelipopsych, 98
capichnioides Hulst, Zophodia, 105
epos Girault, Anagrus, 118
eroula Sanderson, Phyllophaga, 80
equataia MacGillivray, Pteronidea, 128
equina MacGillivray, Pteronidea, 128
Erebia, 105
rhodia Edwards, 105
Fremomyioïdes, 81
fusicipes Malloch, 81
parkeri Malloch, 81
simulis Malloch, 81
erigeniae Robertson, Andrea, 106
erigeronensis Thomas, Macrosiphum, 64
erigeronensis Thomas, Tychea, 66
erigeronis Robertson, Nomada, 110
erigla Ross, Atopsyche, 103
Eriosoma, 64
mimica Hottes & Frison, 64
erotica Ross, Protoptila, 93
erraticus Milne, Athripsodes, 98
erratus MacGillivray, Pteronidea, 128
erudita MacGillivray, Pteronidea, 128
erullus Ross, Athripsodes, 98
Erythroneura, 67-74
abolla lemnica MtcAtee, 67
acantha Ross & DeLong, 67
acricola Hepner, 67
acricola Ross & DeLong, 67
acutalis Ross & DeLong, 67
dae Hepner, 67
aesculella Ross & DeLong, 67
albanyensis Hepner, 67
albiquera Hepner, 68
aleva Ross, 68
alia Ross, 68
alloplana Ross, 68
alvei Hepner, 68
amboplana Hepner, 68
amethica Ross, 68
ampa Hepner, 68
ampasa Ross & DeLong, 68
andrews Hepner, 68
anseri Hepner, 68
arenosa Ross & DeLong, 68
arneri Hepner, 68
arpelia Ross, 68
asymmetra Hepner, 68
atkisoni Hepner, 68
bainteri Hepner, 68
barbareae Hepner, 68
barnese Hepner, 68
beckiae Hepner, 68
beeri Hepner, 68
belinda Hepner, 68
benedict Hepner, 68
bicuvata Hepner, 68
billi Hepner, 68
blockeri Hepner, 68
boniora Hepner, 68
bowmanorum Hepner, 68
brazzeli Hepner, 68
brendae Hepner, 68
brooki Hepner, 68
brucensis Hepner, 68
brundusoides Hepner, 68
byersi Hepner, 68
caddoensis Hepner, 68
callisoga Ross, 68
camirei Hepner, 68
carnimissenis Hepner, 68
caryglabraceae Hepner, 68
cautoïdes Hepner, 68
caverna Hepner, 68
cavipier Hepner, 68
maxwelli Hepner, 71
mccomasii Hepner, 72
meadi Hepner, 72
meridiana Hepner, 72
merkli Hepner, 72
metopia Ross, 72
micheneri Hepner, 72
millsi Ross & DeLong, 72
microma Hepner, 72
mitella McAtee, 72
mitlina Hepner, 72
morelandi Hepner, 72
morrisi Hepner, 72
natchezensis Hepner, 72
navoides Hepner, 72
nebekei Hepner, 72
neeli Hepner, 72
newtonensis Hepner, 72
nelsoni Hepner, 72
nigripilha Hepner, 72
nigriquera Hepner, 72
noevoides Ross & DeLong, 72
norica Ross, 72
normanti Hepner, 72
oculata McAtee, 72
odetiae Hepner, 72
ostyae Hepner, 72
pagodifolii Hepner, 72
paigeae Hepner, 72
paluloides Ross, 72
pamelae Hepner, 72
paramera Hepner, 72
parisensis Hepner, 72
parrotii Hepner, 72
parsoni Hepner, 72
patel Hepner, 72
patriciae Hepner, 72
patricki Hepner, 72
patris Ross & DeLong, 72
paulae Hepner, 72
pecanae Hepner, 72
penetura Hepner, 72
pfrimmeri Hepner, 72
pflhiphylla Hepner, 73
phellos Ross & DeLong, 73
pietensi Hepner, 73
pitrei Hepner, 73
priniquera Hepner, 73
protumaa Ross, 73
purnicasta Hepner, 73
quadrotoides Hepner, 73
quercalbae Ross & DeLong, 73
rangifer Ross & DeLong, 73
ratcliffiensis Hepner, 73
reedi Hepner, 73
reiteri Hepner, 73
repetita McAtee, 73
rhodendronac Hepner, 73
richardi Ross, 73
robinsoni Hepner, 73
rolandi Hepner, 73
roseenkranzi Hepner, 73
rossi Hepner, 73
rubiphylla Hepner, 73
rubrarta Hepner, 73
rubulna Hepner, 73
rugosae Ross & DeLong, 73
sadleri Hepner, 73
sailer Hepner, 73
salmoidea Ross & DeLong, 73
santaeaeaeaeae Hepner, 73
sandersoni Ross, 73
schusteri Hepner, 73
scobyensis Hepner, 73
scouteris insolita McAtee, 73
sebringenensis Hepner, 73
sethi Hepner, 73
sexpunctata Malloch, 73
shanklandi Hepner, 75
shumiquera Hepner, 73
sikorowskii Hepner, 75
silomensis Hepner, 73
similalis Ross & DeLong, 73
smithi Ross, 73
solomoni Hepner, 73
sorota Hepner, 74
spala Ross & DeLong, 74
spatulata Ross, 74
spininterma Hepner, 74
staffordii Hepner, 74
stannardi Hepner, 74
starkvillensis Hepner, 74
stoveri Ross & DeLong, 74
styraxae Hepner, 74
tammina Ross & DeLong, 74
tenilla Ross & DeLong, 74
teshi Hepner, 74
tietzi Ross & DeLong, 74
tomanekii Hepner, 74
tomentosa Hepner, 74
tredecinnoides Hepner, 74
tura Ross & DeLong, 74
turoides Hepner, 74
ulmalatae Ross & DeLong, 74
ulmarubrae Hepner, 74
ulmosa Ross & DeLong, 74
uniforma Hepner, 74
vartyi Hepner, 74
velox Ross, 74
velutinae Hepner, 74
verae Hepner, 74
verdana Ross & DeLong, 74
vietii Hepner, 74
vinsoni Hepner, 74
vulgaris Hepner, 74
wandae Hepner, 74
weemsi Hepner, 74
whitcombi Hepner, 74
whitti Hepner, 74
wilsoni Hepner, 74
winslowensis Hepner, 74
wisei Hepner, 74
wiyguli Hepner, 74
woolcottensis Hepner, 74
woodruffi Hepner, 74
wysongi Ross & DeLong, 74
youngi Hepner, 74
zephyr Ross & DeLong, 74
erythronii Robertson, Andrena, 106
escana Ross & DeLong, Typhlocyba, 75
espa Ross & King, Atopsych, 103
esperonis Ross & King, Wormaldiana, 101
etrona Ross, Cheumatopsych, 94
Eubaecera, 80
charybda Cornell, 80
Eucapsopus, 58
vedderensis Ricker, 58
Eucauchetes, 105
bolteri Stretch, 105
Eucoilia, 114
septemspinosa Gillette, 114
Eucolilidae, 114
rufipes Gillette, 114
Euforicipomyia, 83
hirtipennis Malloch, 83
longitarisia Malloch, 83
Eulakstus, 76
harti Metcalf, 76
Eulimnichus, 133
rugulosus Woolridge, 133
visenous Woolridge, 133
Eulimnophora, 89
cilifera Malloch, 89
dorsovittata Malloch, 89
euloph Robertson, Coleltes, 112
euloph Robertson, Prosopis, 113
Eulophidae, 114
Eupachygaster, 91
henshawi Malloch, 91
punctor Malloch, 91
euphorbiace Thomas, Siphonophora, 65
euphorbicola Thomas, Siphonophora, 65
Eupsenus, 80
angulosus Becker & Sanderson, 80
eurybis Ross, Dolerus, 121
Euscelidiae, 75-76
Euscissus, 63
subimnolutus Malloch, 63
Eutheresia, 91
interrupta Curran, 91
Euura, 124
maculata MacGillivray, 124
minuta MacGillivray, 124
moenia MacGillivray, 124
salicicola Smith, 124
Evania, 115
barbata Frison, 115
bella Frison, 115
cerviculata Frison, 115
clara Frison, 115
delicata Frison, 115
luculenta Frison, 115
mystica Frison, 115
evanidae MacGillivray, Pteronidea, 128
Evaniidae, 115
avecita MacGillivray, Empria, 124
evresi Ross & DeLong, Erythroleuca, 70
exacta MacGillivray, Pteronidea, 128
excavaus Woolridge, Physemus, 79
excessus MacGillivray, Pteronidea, 128
excita Ross, Glossosoma, 93
exiguus Ross, Empoasca, 66
exiguissimus Bassett, Neuroterus, 114
exilis Evans, Apenesia, 111
eximia Frison, Brachygaster, 115
explanata Ross, Atopsych, 103
exquisita Frison, Alloperla, 59
textusa Ross, Helicopsych, 95
extimoides Hepner, Erythroleuca, 70
extincta Malcomson, Columbicola, 62
extranea h., Edwards, Thia, 105
textimata Malloch, Hylemyia, 82
Evaniidae, 115
Evania, 89
canadensis Malloch, 89
lasiops Malloch, 89
latifrons Malloch, 89
spathiophora Malloch, 89
Farula, 99
malkini Ross, 99
ranieri Milne, 99
fascialis puella Ross, Macropha, 125
fasciiventris Girault, Prospalteilla, 114
fasciatus Girault, Gonatocerus, 118
fasciiventris Malloch, Chironomus, 85
fasciiventris Malloch, Gimnomera, 82
fattigi Ricker, Paragnetina, 60
fattigi Ross, Hydropsych, 94
faunum Girault, Stehynium, 119
fax Girault, Signiphora, 114
felipe Ross, Ochrotrichia, 96
femoralis Becker & Sanderson, Scalarthrus, 80
femoralis Wulp, Coenosis, 89
femur aureus Fenderi, Dipogon, 151
fenderi Ross, Rhyacophila, 103
fenestra Ross, Empoasca, 66
fenestra Ross, Rhyacophila, 103
fenestrata Malloch, Zygoneura, 82
Fenusa, 124
lucifex Ross, 124
fergersoni Hepner, Erythroleuca, 70
feria Ross, Chimarra, 101
fernaldii MacGillivray, Tenithredo, 129
ferrosa Hepner, Erythroleuca, 70
ferruginosa Wong, Melastola, 133
fidala Ross, Kerita, 124
filamenta DeLong, Chlorotetix, 75
filamentus Hamilton & Ross, Hebecepalus, 76
filicis Frison, Acroleuna, 60
fiskei Blickle, Hydroptila, 95
fistual MacGillivray, Macropha, 125
flaccida MacGillivray, Macropha, 125
flammipes Robertson, Prosopis, 113
flava Fracker, Carorhintha, 62
flava Metcalf, Microledrida, 76
flavens Malloch, Camptocladius, 84
flavibasis Curran, Cryptomeigenia, 91
flavibasis Malloch, Camptocladius, 84
flavibasis Malloch, Cricotopus, 85

F
fagiphylia Hepner, Erythroleuca, 70
fagus Ross, Limnephilus, 100
fagusae Hepner, Erythroleuca, 70
falca Ross, Neotrichia, 96
falonus Ross, Pachynematous, 126
falta Sanderson, Phyllophaga, 80
Fannia, 89
engidria Malloch, 89
latifrons Malloch, 89
spathiophora Malloch, 89
Farula, 99
malkini Ross, 99
ranieri Milne, 99
fascialis puella Ross, Macropha, 125
fasciiventris Girault, Prospalteilla, 114
fasciatus Girault, Gonatocerus, 118
fasciiventris Malloch, Chironomus, 85
fasciiventris Malloch, Gimnomera, 82
fattigi Ricker, Paragnetina, 60
fattigi Ross, Hydropsych, 94
faunum Girault, Stehynium, 119
fax Girault, Signiphora, 114
felipe Ross, Ochrotrichia, 96
femoralis Becker & Sanderson, Scalarthrus, 80
femoralis Wulp, Coenosis, 89
femur aureus Fenderi, Dipogon, 151
fenderi Ross, Rhyacophila, 103
fenestra Ross, Empoasca, 66
fenestra Ross, Rhyacophila, 103
fenestrata Malloch, Zygoneura, 82
Fenusa, 124
lucifex Ross, 124
Illinois Natural History Survey Bulletin

Vol. 32, Art. 2

flavicauda Malloch, Tanytarsus, 87
flavicornis Malloch, Ariciella, 89
flavidula Malloch, Johanniella, 83
flavidulus Malloch, Gaurax, 87
flavemoralis Campbell, Lobopoda, 77
flavicornis Malloch, Pogonomyia, 90
flavipalpis Malloch, Meromyza, 87
flavipalpus Wulp, Hydrophora, 82
flavietus Malloch, Chrysotus, 88
flavitaris Malloch, Bezzia, 83
flavofemorata Malloch, Platyphora, 90
flavominuta Jewett, Anacnereum, 60
flavoscutellatus Malloch, Orthocladius, 86
flavus Forbes, Chaitophorus, 64
fletcheri MacGillivray, Astochus, 120
flexa Malloch, Andrena, 106
flexa, 75
delongi Ross & Cooley, 75
prairiana DeLong, 75
rubranura DeLong, 75
flecta MacGillivray, Macrophrya, 125
flinti Malloch, Phorticotoides, 90
floccosa Bassett, Cynips, 113
florida Ross, Chimarra, 101
florida Ross, Triacnides, 99
florida Ross & DeLong, Erythoneura, 70
floridana MacGillivray, Selandria, 128
floridana Robertson, Megachile, 117
floridana Robertson, Tiphia, 151
floridanus Robertson, Halictus, 116
floridanus Robertson, Heriades, 117
floridanus Robertson, Odnerus, 132
floridanus Robertson, Oxybelus, 120
floridanus Robertson, Prospiga, 113
floridensis Hulst, Diastictis, 105
floroides Hepler, Erythoneura, 70
foersteri Ricker, Nemoura, 60
fontana Ross, Empoasca, 66
forbesi, Frison, Allocapnia, 57
forbesi Johnson, Aspidiotus, 75
forbesi Malloch, Simulium, 91
forbesi Titus, Oecanthus, 57
forbesi Weed, Cremastus, 117
forbesi cornuta Frison, Allocapnia, 57
forbesii French, Pseudaglossa, 105
forbesii Robertson, Andrena, 106
Forbesomyia, 82
atra Malloch, 82
Forcipata, 74
anacantha DeLong & Caldwell, 74
forcipata Frison, Leuctra, 59
Forcipomyia, 83
auria Malloch, 83
elegantula Malloch, 83
pergandei concolor Malloch, 83
Forda, 64
occidentalis Hart, 64
Formicidae, 115
formosellus Frison, Bremus, 111
formosellus derivatus Frison, Bremus, 111
formosellus gradatus Frison, Bremus, 111
fortuinus MacGillivray, Pampillius, 119
foveolatus Robertson, Chloralictus, 115
foxi Ross & Cunningham, Empoasca, 66
foxiella Cunningham & Ross, Empoasca, 66
foxi Davis, Phyllophaga, 80
franklini Frison, Bremus, 111
fraseri Ricker, Diploperla, 61
fratema Frison, Alloperla, 59
fratema Timberlake, Perdita, 108
fratema mississippiensis Davis, Phyllophaga, 80
fratens Strom, Aphis, 63
fraudulenta Frison, Hypia, 115
fraxina Ricker & Ross, Zealeuctra, 60
fraxinifolia Thomas, Pemphigus, 65
frazieri Hepner, Erythoneura, 70
fretoides Hepner, Erythoneura, 70
freytagi Hepner, Erythoneura, 70
frijole Ross, Limnephilus, 100
frisoni Alexander, Ormosia, 92
frisoni Barber, Geocoris, 62
frisoni Burks, Iron, 57
frisoni Fender, Malthodes, 77
frisoni Fender, Trypherus, 78
frisoni Knight, Lygus, 62
frisoni Malloch, Coenosia, 89
frisoni McDunnough, Ephemeraella, 56
frisoni Ross, Hydroplutne, 94
frisoni Ross & DeLong, Erythoneura, 70
frisoni Ross & Ricker, Allocapnia, 57
Fulgoridae, 76
Fullaway, 64
salliciradicis Essig, 64
 fulleri Hepner, Erythoneura, 70
fultonae Hepner, Erythoneura, 70
fulva Weld, Callirhys, 113
fulvodor Fosculf, Libinia, 76
fulvipes Forbes, Pteronarv, 119
fulvitorax Malloch, Prohezria, 88
fulvus Metcalf, Pisonotus, 76
fumicosta Malloch, Agromyza, 81
fumipennis Malloch, Neogaurax, 87
fumosa Neave, Isoperla, 61
fumosa Ross, Allocapnia, 57
fundatiformis Robertson, Odnerus, 132
funeralis Hart, Nemobius, 57
funestae Hotte & Frison, Aphis, 63
Fungivora, 90
comata Laffoon, 90
furcella Ross, Triacnides, 99
fuscibasis Malloch, Sapromyza, 88
fusicipennis Malloch, Chironomus, 85
fusicipennis Girault, Prosplalteda, 114
fuscipes Malloch, Eremomyioides, 81
fusiquama Wulp, Phorbia, 90
fuscicipennis Malloch, Chironomus, 85
fuscinervis Malloch, Cetaropoteg, 83

G

Galugpah, 62
aterrima Malloch, 62
gameta Ross, Heteroplecetron, 92
gansella Ross, Empoasca, 66
garmani Ashmead, Protomicroplitis, 112
garretsoni Hepler, Erythoneura, 70
Gatlinia, 101
mohri Ross, 101
Gaurax, 87
apicalis Malloch, 87
flavidulus Malloch, 87
interruptus Malloch, 87
pallidipes Malloch, 87
splendidus Malloch, 87
gelbac Ross, Agapetus, 92
gelcicbia Webster, Pteromalus, 119
geminus Knight, Neodyus, 62
gemitus MacGillivray, Emphytus, 123
gemoides Ross, Erythroneura, 70
gemona Ross, Rhychophila, 103
genota Ross, Goerita, 93
Geoecia, 62
frisoni Barber, 62
Geoica, 64
squamosa Hart, 64
Goeometridae, 105
gorgia Ross, Oecetes, 98
georgiensis Fender, Malthinis, 77
gorgii Huist, Plemyria, 105
garaniis Robertson, Andrena, 106
gerhardi arenicola Timberlake, Perdita, 108
gibbosa Cunningham & Ross, Empoasca, 66
gibbsi Ross, Empoasca, 66
gim Burks, Caenis, 56
gilesi Hepner, Erythroneura, 70
gilletti MacGillivray, Emphytus, 123
Gimnomera, 81-82
strifrons Malloch, 81
casciventris Malloch, 82
insculata Malloch, 82
gibbella Ross, Sialis, 77
glabra glyptea Malloch, Chloropisca, 87
grialis Ross, Holocentropus, 102
grialis Ross, Tenthredella, 129
gladysae Hepner, Erythroneura, 70
glase Ross, Loxotrichia, 96
gleditsiae Sanders, Chionaspis, 75
glenni Cashatt, Oidaematophorus, 105
glicilla Ross, Erythroneura, 70
globosa Weld, Disholcaspis, 114
Glossosoma, 93
excita Ross, 93
idaho Ross, 93
montana Ross, 93
pterna Ross, 93
pyroxum Ross, 93
schuhi Ross, 93
velona Ross, 93
verdana Ross, 93
wenachee Ross, 93
Glossosomatidae, 92-93
Glutops, 92
rossi Pechuman, 92
Glyphopsyche, 99
avigo Ross, 99
missouri Ross, 99
ormiae Ross, 99
Glypta, 117
phoxoperidis Weed, 117
G. maculati Robertson, Andrena, 106
Gnathias, 109
cuneatus Robertson, 109
cuneatus decemnotatus Robertson, 109
cuneatus octonotatus Robertson, 109
cuneatus quadrissignatus Robertson, 109
cuneatus sexnotatus Robertson, 109
ovatus Robertson, 109
ovatus binotatus Robertson, 109
ovatus octomaculatus Robertson, 109
ovatus plenus Robertson, 109
ovatus quadrimaculatus Robertson, 109
ovatus sexmaculatus Robertson, 109
ovatus unicolor Robertson, 109
gnathos Ross, Imania, 99
Goera, 93
archaon Ross, 93
stylata Ross, 93
Goeridae, 93
Goerita, 93
betteni Ross, 93
genota Ross, 93
senata Ross, 93
Gomphus, 57
lentulus Needham, 57
Gonatocerus, 118
fasciatus Girault, 118
gortebo Ross, Beraea, 92
gracilipes Malloch, Hylomyia, 82
graenicheri MacGillivray, Dolerus, 121
Graminella, 75
oquaka DeLong, 75
grandiosa Ross, Hydroptila, 95
grandis Banks, Leuctra, 59
grandis Becker & Sanderson, Cercoceroides, 80
gravidis Knowlton, Minuticornis, 65
greeni Hepner, Erythroneura, 70
gregalis Knowlton, Aphis, 63
gribisa Ross, Empoasca, 66
grisea Malloch, Scatophaga, 82
griseopunctatus Malloch, Chironomus, 85
griseus Malloch, Chironomus, 85
Gryllidae, 57
guana MacGillivray, Parephora, 127
guara MacGillivray, Parephora, 127
guicei Hepner, Erythroneura, 70
guttiformis Cunningham & Ross, Empoasca, 67
Gypona, 76-77
albimarginata Woodworth, 76
bimaculata Woodworth, 76
bipunctulata Woodworth, 77
migra Woodworth, 77
Gyponidae, 76-77
gyra Ross, Cheumatopsyche, 94
H
haematopotus Malloch, Culicoides, 83
hainiensis Campbell, Lobopoda, 77
halesus MacGillivray, Emphytus, 123
haliartus MacGillivray, Emphytus, 123
Halictidae, 115
Halictus, 116
anomalus Robertson, 116
apopkensis Robertson, 116
arcuatus Robertson, 116
ashmeadii Robertson, 116
cephalicus Robertson, 116
coeuleus Robertson, 116
floridaeus Robertson, 116
hartii Robertson, 116
illinoensis Robertson, 116
longiceps Robertson, 116
obscurus Robertson, 116
pectinatus Robertson, 116
platypterus Robertson, 116
pruinus Robertson, 116
reticulosus Robertson, 116
smilacinae Robertson, 116
testaceus Robertson, 116
truncatus Robertson, 116
Halipidae, 79
Haliplus, 79
allisonae Brigham, 79
tortilipennis Brigham & Sanderson, 79
variomaculatus Brigham & Sanderson, 79
Halisiota, 105
significans Hy. Edwards, 105
halitus MacGillivray, Emphytus, 123
halteralis Malloch, Johannsenomyia, 83
hamar DeLong & Ross, Dikraneura, 66
hamata Ross, Sialis, 77
hamiltonia Hepner, Erythroneura, 70
hamlinorum Hepner, Erythroneura, 70
hamneri Hepner, Erythroneura, 70
hanson Ricker, Isoegenus, 61
harei Hepner, Erythroneura, 70
harmstoni Ross, Rhyacocphila, 103
harnedi Hepner, Erythroneura, 70
harrisi Ross & Hamilton, Laevicephalus, 76
harti Fernald, Sphex, 119
harti Frison, Hydroperla, 61
harti Knight, Hyalioidea, 62
harti Malloch, Aspistes, 91
harti Malloch, Chironomus, 85
harti Malloch, Corimelaena, 62
harti Malloch, Phaonia, 90
harti Malloch, Sapromyza, 88
harti Malloch, Tachydomia, 88
harti McDunnough, Baetis, 56
harti Metcalf, Euklastus, 76
hartii Ashmead, Cremastus, 117
hartii Ball, Tettigonia, 77
hartii Cockrell, Aspidiotus, 75
hartii French, Pallachira, 105
hartii Robertson, Halictus, 116
Hartomyia, 83
lutea Malloch, 83
pallidiventris, Malloch, 83
haspata Ross & DeLong, Erythroneura, 70
hasta Ross, Sialis, 77
Hastaperla, 59
chihualna Kiefer, 59
hastosa Ross & Moore, Empoasca, 67
hastus DeLong, Cloanthus, 75
haustus MacGillivray, Emphytus, 123
havana Ross & DeLong, Erythroneura, 70
hayesi Schoof, Conotrachelus, 78
hayensis Hepner, Erythroneura, 70
haysi Ricker, Nemoura, 60
hebalus Sanderson, Chalepus, 78
Hebeccephalus, 75-76
beameri Hamilton & Ross, 75
circus Hamilton & Ross, 75
filamentus Hamilton & Ross, 76
hebetus DeLong & Hershberger. Idiocerus, 77
Heleomyzidae, 88
helianthi Robertson, Andrena, 106
helianthi Robertson, Epeolus, 108
Helicopsyche, 93-94
comosa Kingsolver, 93
cubana Kingsolver, 93
dampfi Ross, 93
extensa Ross, 93
incisa Ross, 93
limnella Ross, 93
piroa Ross, 93
planata Ross, 93
quadrosa Ross, 93
selanderi Ross, 93
truncata Ross, 94
vergelana Ross, 94
woytkowskii Ross, 94
Helicopsychiidae, 93-94
Helina, 89
algonquina Malloch, 89
bispinosa Malloch, 89
consimilata Malloch, 89
linearis Malloch, 89
nasoni Malloch, 89
nigribasis Malloch, 89
nigrita Malloch, 89
spiralamellata Malloch, 89
tuberculata Malloch, 89
Helionolche, 105
indiana Smith, 105
heliopsis Robertson, Ammobates, 117
helma Ross, Cheumatopsyche, 94
hemerocampae Girault, Tritneptis, 119
Hemiptera, 62-63
Hemitauxon, 124
dediticius MacGillivray, 124
hendersoni Hepner, Erythroneura, 70
henshawi Malloch, Eupachygaster, 91
Hepialidae, 105
Hepialus, 105
confusus Hy. Edwards, 105
Heptagenia, 56-57
diabasis Burks, 56
integer McDunnough, 56
patoka Burks, 57
Heptageniidae, 56-57
heraclei Robertson, Andrena, 106
heraclei Robertson, Sphecodes, 117
herberti Hepner, Erythroneura, 70
herida DeLong, Polymia, 76
hereules Girault, Anaphes, 118
Heriades, 117
floridanus Robertson, 117
philadelphi Robertson, 117
herodes Burks, Baetis, 56
heroicus MacGillivray, Emphytus, 123
Herpis, 76
australis Metcalf, 76
Hesperiidae, 105
hesperius Burks, Tettrastichus, 115
Heterocampa, 105
superba Hy. Edwards, 105
Heterocera, 79
Heteromyia, 83
  aldrichii Malloch, 83
  hirta Malloch, 83
  opacitorax Malloch, 83
  tenuicornis Malloch, 83
Heteroplectron, 92
  amerus Ross, 92
  gameta Ross, 92
  heucherae Robertson, Colletes, 112
  heucherae Thomas, Siphonophora, 65
  hiusus MacGillivray, Emphytus, 123
  hibernia Hepner, Erythroneura, 70
  hieroglyphica Schoof, Conotrachelus, 78
  hiemalis Forbes, Platygaster, 119
  hieroglyphica Wulp, Clinoptera, 89
Hilarimorpha, 88
  lantha Webb, 88
  mikii Williston, 88
  modesta Webb, 88
  robertsoni Webb, 88
  sidora Webb, 88
Hilarimorphidae, 88
  hildae Hepner, Erythroneura, 70
  hiltoni Essig, Aphis, 63
  hinkleyi Malloch, Botanobia, 87
  hippotes Robertson, Andrena, 106
  hirta Malloch, Heteromyia, 83
  hirticula comosa Davis, Phyllophaga, 80
  hirtipennis Malloch, Euforciopomyia, 83
  hispundus Dreisbach, Anoplius, 119
  histrionalis Robertson, Odynerus, 132
  histrionicus MacGillivray, Parabates, 127
  hitri Ricker & Ross, Zealeuctra, 60
  hiucus MacGillivray, Emphytus, 123
  hoffmani Ross, Hydropsyche, 94
Holocentropus, 100
  glacialis Ross, 100
  melanae Ross, 100
Homophyax, 99
  andax Ross, 99
Homoplectra, 94
  alseae Ross, 94
Homoptera, 63-77
  hoodi Ross, Anagapetus, 93
  hoodi Ross, Lepidostoma, 97
  hoogstraal Ross, Chimarra, 101
  hoogstraal Ross, Plectropsyche, 95
Hopliscum, 124
  idaho Ross, 124
  makiia Ross, 124
  naima Ross, 124
  oskina Ross, 124
  padusa MacGillivray, 124
  pallipes MacGillivray, 124
  ritcheri Ross, 124
  sialica Ross, 124
  spala Ross, 124
  stricklandi Ross, 124
  texas Ross, 124
Hoplodlongyron, 120
  bethuei Sanders, 120
Horton, 62
  illini Knight, 62
  hormchunae Hepner, Erythroneura, 70
  hospitus MacGillivray, Emphytus, 123
  hottesi Frison & Ross, Thripsaphis, 66
  houghi Malloch, Hydrotaea, 89
  houghi Malloch, Macrophoria, 82
  howellae Ross, Oropsyche, 95
  hucksewa Wong & Ross, Pristiphora, 133
  humeralis Robertson, Phorantha, 91
  humilis Ross, Empoasca, 67
  hutchinsi Hepner, Erythroneura, 70
  hyacinthus MacGillivray, Emphytus, 123
  hyalinus MacGillivray, Neotomostethus, 126
  hyalinus MacGillivray, Tenthredo, 129
Hyalodes, 62
  brevis Knight, 62
  hartii Knight, 62
  hylaltia Ricker, Isocapnia, 58
Hyalomya, 91
  pruinosa Robertson, 91
Hydriomena, 105
  neomexicana Hulst, 105
Hydroperla, 61
  dorata Frison, 61
  hartii Frison, 61
  halata Frison, 61
  parallela Frison, 61
Hydrophilidae, 79
Hydrophoria, 82
  collaris Wulp, 82
  flavipalpis Wulp, 82
  polita Malloch, 82
  transversalis Wulp, 82
  uniformis Malloch, 82
Hydrophorus, 88
  pilitanis Malloch, 88
Hydropsyche, 94-95
  aerata Ross, 94
  alhedra Ross, 94
  antilles Ross & Palmer, 94
  arinale Ross, 94
  betteni Ross, 94
  bidens Ross, 94
  bronta Ross, 94
  catarica Ross, 94
  centra Ross, 94
  cheilonis Ross, 94
  cornuta Ross, 94
  cuanis Ross, 94
  decalda Ross, 94
  delrio Ross, 94
  demora Ross, 94
  dicantha Ross, 94
  elissoma Ross, 94
  fattigi Ross, 94
  frisoni Ross, 94
  hoffmani Ross, 94
  leonardi Ross, 94
  orris Ross, 95
  philo Ross, 95
  piatrix Ross, 95
  placoda Ross, 95
  protis Ross, 95
  rotosa Ross, 95
  simulans Ross, 95
Hydropsychidae, 94-95

Hydropila, 95-96

Hyptia, 95

Hygrocleuthus, 88

Idioceridae, 77

Idiocerus, 77

Idiopterus, 64

Ichneumonidae, 117

Icterus MacGillivray, Dolerus, 121

Idiocerus, Polyceratops, 102

Idiocerus, Glossosoma, 93

Idiocerus, Hoplocampa, 124

Idiohensis Aldrich, Hygrocleuthus, 88

Idiohensis Ross, Dolerus, 121

Illinoenis Ross, Monardia, 82

illinoensis Frison, Allocapnia, 57

innocua Malloch, 82

marginella Malloch, 82

normalis Malloch, 82

occidentalis Malloch, 82

piloseta Malloch, 82

pluvialis Malloch, 82

spinilamella Malloch, 82

subhastata Malloch, 82

Hyptia, 110

Hylotoma, 110

oneosa MacGillivray, 110

sparta MacGillivray, 110

spiculata MacGillivray, 110

Hymenoptera, 105-132, 133

Hyperaspis, 78

congeninata Watson, 78

hyperici Thomas, Myzocallis, 65

Hyphantriae Ashmead, Microphils, 112

Hystria, 115

fraudulenta Frison, 115

jucunda Frison, 115

neglecta Frison, 115

spinifera Frison, 115

Hystresia, 105

merrickana Kearfott, 105

Ichneumonidae, 117

icterus MacGillivray, Dolerus, 121

Idiocerus, Polyceratops, 102

Idiocerus, Glossosoma, 93

Idiocerus, Hoplocampa, 124

Idiohensis Aldrich, Hygrocleuthus, 88

Idiohensis Ross, Dolerus, 121

Idioceridae, 77

Idiocerus, 77

apache juniperus DeLong & Hershberger, 77

hebetus DeLong & Hershberger, 77

incomptus DeLong & Hershberger, 77

rosi Freytag, 77

snowi raphus Freytag, 77

talus DeLong & Hershberger, 77

Idiopterus, 64

nephrolepidis Davis, 64

igella Ross & DeLong, Erythraeona, 70

ignota Bassett, Cynips, 114

ilex Hepner, Erythraeona, 70

illicis Ross, Erythraeona, 70

illini Alexander, Eiliptera, 92

illini Bousman, Andrea, 106

illini Hottes & Frison, Macrosiphum, 64

illini Knight, Cytopeltoconis, 62

illini Knight, Horclas, 62

illini Knight, Illinacora, 62

illini Knight, Polynemus, 63

illini Ross, Agapetus, 92

illini Ross, Dolerus, 122

illini cruda Hottes & Frison, Macrosiphum, 64

illini rufilobus Ross, Dolerus, 122

illini sanguinonensis Hottes & Frison, Macrosiphum, 64

illinoensis Felt, Monardia, 82

illinoensis Frison, Allocapnia, 57
ilinoiensis Malloch, Cerodontha, 81
ilinoiensis Malloch, Chironomus, 85
ilinoiensis Malloch, Palpomyia, 85
ilinoiensis Malloch, Tanytarsus, 86
ilinoiensis Mares, Cicindela, 78
ilinoiensis Robertson, Epigrimyia, 91
ilinoiensis Robertson, Halictus, 116
ilinoiensis Robertson, Machaeris, 116
ilinoiensis Robertson, Mellisodes, 109
ilinoiensis Robertson, Odynerus, 132
ilinoiensis Robertson, Osmia, 118
ilinoiensis Robertson, Pimplus, 119
ilinoiensis Robertson, Synalonia, 110
ilinoiensis Robertson, Tipha, 131
ilinoiensis Robertson, Winthemia, 91
illinoensis decolouratus Malloch, Chironomus, 85
illinoiensis Robertson, Andrena, 106
illinoiensis Robertson, Colletes, 112
illinoiensis Robertson, Phileremus, 110
illinoiensis bicolor Robertson, Andrena, 106
illinoiensis Robertson, Nomada, 110
illinoiensis Robertson, Prosepis, 113
illinoiensis Shimer, Aphid, 65

Illicnora, 62
illini Knight, 62

Imania, 99
acanthis Ross, 99
bifosa Ross, 99
cascadis Ross, 99
gnathos Ross, 99
imbecilla illinoiensis Alexander, Limnophila, 92
imbricariae Ross & DeLong, Erythroneura, 70
imitator Reinhard, Winthemia, 92
imitatrix Malloch, Melanochila, 89
impars Davis, Phyllophaga, 80
impatients deayi Chandler, Bombus, 111
impatientis Thomas, Aphis, 63
improcerca Ross, Empoasca, 67
imuganensis Hedicke, Bombus, 111
inaequalis Malloch, Hylemyia, 82
inaequalis Malloch, Sapromyza, 88
inaequalis Malloch, Tipha, 131
inaequaliformis Cunningham & Ross, Empoasca, 67
inauratus Coquillett, Anthrax, 82
inaya Ricker, Strophopteryx, 62
incaram Franklin, Bombus, 111
incerta Malloch, Procezzia, 83
incisa Ross, Helicopsyche, 93
incurvata Malloch, Gimmomera, 82
inclination Malgillivray, Taxonus, 129
incoata Ross, Empoasca, 67
incognitus Malloch, Chironomus, 85
incomptus DeLong & Hershberger, Idiocerus, 77
inconspicuous Malloch, Tanytarsus, 86
incula Ross & Spencer, Rhacyphila, 103
indecisus Malgillivray, Urocerus, 120
indecora Malloch, Agromyza, 81
indiana Ross, Stenophylax, 100
indiana Smith, Helioclone, 105
indianae Ricker, Allocapnia, 57
indistinctus Malloch, Chironomus, 85
infumata Malloch, Agromyza, 81
infuscata Malloch, Procezzia, 83
infuscatus MacGillivray, Craterocercus, 121
infuscatus MacGillivray, Hypargyrus, 124
infuscatus Malloch, Orthocladus, 86
innoca Malloch, Hylemyia, 82
innominatus Malgillivray, Taxonus, 129
inornata Robertson, Notoglossa, 120
insipida Hoppe, Isoperla, 61
insolita Evans, Apenesia, 111
inspectus Macgillivray, Dolerus, 122
inspiratus Malgillivray, Dolerus, 122
integer McDunnough, Heptagenia, 56
integra Robertson, Nomada, 110
interjectus Ross, Dolerus, 122
intermedius Ross & Hamilton, Latalus, 76
interrupta Curran, Eutheresia, 91
interrupta Malloch, Corimelaena, 62
interrupta Malloch, Zygomys, 90
interruptus Malloch, Gaurax, 87
interruptus Robertson, Epeolus, 108
intonsipennis Girault, Alaput, 118
intrabilis Malgillivray, Xyela, 132
iolia Ross, Sialis, 77
iowa Alexander, Dicranota, 92
ipomoeae Robertson, Xenoglossa, 110
iranda Ross, Rhyacophila, 103
iridis Ross, Agapetus, 92

Iron, 57
frisoni Burks, 57
namats Burks, 57
irregularis Klapalek, Chloroperla, 59
irrorata Goding, Telamon, 77
isei Hepner, Erythroneura, 70

Isodictyum, 124
atrum Malgillivray, 124

Isocapnia, 58
abbreviata Frison, 58
tacassiz Ricker, 58
hyalinata Ricker, 58
missourii Ricker, 58
spenceri Ricker, 58
spenceri thiae Ricker, 58

Isogenus, 61
hansoni Ricker, 61
krumholzi Ricker, 61
tostonus Ricker, 61

Isoperla, 61
bellona Banks, 61
burksi Frison, 61
cascadensis Hoppe, 61
chrysannula Hoppe, 61
dilatata Frison, 61
conspicua Frison, 61
cotta Ricker, 61
davisi James, 61
decepta Frison, 61
dicala Frison, 61
fumosa Neave, 61
insipida Hoppe, 61
jewetti Szczzyko & Stewart, 61
lata Frison, 61
mohri Frison, 61
namata Frison, 61
orata Frison, 61
patria Frison, 61
pinta Frison, 61
richardsoni Frison, 61
tokula Hoppe, 61
truncata Frison, 61
ventralis Banks, 61
itasca Ross, Sialis, 77
ithacus MacGillivray, Dimorphopteryx, 121
Ithyrichis, 96
mazon Ross, 96
Itycorsia, 119
angulata MacGillivray, 119
balanata MacGillivray, 119
balata MacGillivray, 119
ballista MacGillivray, 119
ivae Hepner, Erythronoeula, 71
ivani Hepner, Erythronoeula, 71

J
jackmanni Bickie, Hydroptila, 95
jafwi Ross, Agapetus, 95
jamaicensis Brown, Strumigenys, 115
jamesi Ross, Pachynematus, 126
japoda Ross & King, Atopsyche, 103
jeanae Hepner, Erythronoeula, 71
jeanae Ross, Allocapnia, 57
jeanae Ross, Prototipula, 93
Jenortha, 97
cascadensis Milne, 97
jenseni MacGillivray, Cephaleia, 119
jewetti Frison, Capnia, 58
jewetti Ross, Lepidostoma, 97
jewetti Sczytko & Stewart, Isoperla, 61
jigme Schmid, Rhyacophila, 103
joanneae Hepner, Erythronoeula, 71
johannseni Hart, Simulium, 91
johannseni Malloch, Pseudoculicoides, 84
Johnnensienella, 83
flavidula Malloch, 83
Johannesenomyia, 85
aequalis Malloch, 83
alibasis Malloch, 83
annulicornis Malloch, 83
halteralis Malloch, 83
macroneura Malloch, 83
johnsoni Hepner, Erythronoeula, 71
johnsoni MacGillivray, Schizocerus, 111
johnsoni auripila Metcalf, Calliceria, 91
jonesi Hepner, Erythronoeula, 71
jonesi Sanderson, Phyllophaga, 80
joppa Ross, Sialis, 77
jucunda Frison, Hypia, 115
julglandacea Ross & DeLong, Erythronoeula, 71
julia Hult, Simperta, 105
junghannsi MacGillivray, Tenthredo, 129
juniperinus MacGillivray, Monocotenus, 114
jussiaeae Moore & Ross, Macroteles, 76

K
kamesi Ross & King, Atopsyche, 103
kanensis Hepner, Erythronoeula, 71
kaskasia Ross, Caborius, 99
keijoensis Allen, Epheremera, 56
kennedyi Ross, Dolerus, 122
kennethi Hepner, Erythronoeula, 71
keratus Ross, Limnephilus, 100
kera Ross, 124
kifidala Ross, 124
keshenae Granovsky, Drepananthis, 64
kiamichi Ross, Rhyacophila, 103
kickapoo Hotte's & Frison, Macrosiphum, 64
kincaida Frison, Megaleuctra, 60
kincaidi Hardy, Chrysolispi, 91
kincaid Hoppe, Taenioptrayx, 62
kincaidii MacGillivray, Monophadnoides, 126
kincaidia MacGillivray, Perineura, 127
kingi Ross, Atopsyche, 105
kingstoniensis Hepner, Erythronoeula, 71
kinseyi Weld, Belonoecma, 113
kirbyellus alexanderi Frison, Brems, 111
kirybuthus arizonensis Frison, Brems, 111
kirk Hepner, Erythronoeula, 71
kitae Ross, Neotrichia, 96
knobeli Sanderson, Stenelmis, 79
knowltoni Ross, Dictyopteryxella, 61
knowltoni Hotte's & Frison, Aphis, 63
knowltoni Ross, Lepidostoma, 97
knulac Ross, Erythronoeula, 71
knulii Ross, Lepidostoma, 97
kohnoi Allen, Epheremera, 56
konowi Allen, MacGillivray, Dolerus, 122
kraemer Ross & Moore, Empoasca, 67
kramer Hepner, Erythronoeula, 71
krijana Robertson, Andrena, 106
krumholzi Ricker, Isonogenus, 61
kuiteri Hepner, Erythronoeula, 71

L
labida Ross, Psilotreta, 100
labradorensis Malloch, Pegomyia, 82
labrata MacGillivray, Caliroa, 121
labrosiformis Robertson, Panurginus, 108
labrosus Robertson, Callioptis, 108
labus Ross, Limnephilus, 100
laceiba Ross & Cunningham, Empoasca, 67
Lachnus, 64
taxifolia Swain, 64
vanduzei Swain, 64
lacinata MacGillivray, Caliroa, 121
laciniata Gillette, Antistrophus, 113
lacteipennis Malloch, Orthocladius, 86
lacuna Weld, Disholcaispis, 114
Laevicephalus, 76
harrisi Ross & Hamilton, 76
opalinus Ross & Hamilton, 76
peronatus Ross & Hamilton, 76
pravus DeLong, 76
laminatus Yamamoto, Polycyntopus, 102
lamucata Ross & DeLong, Erythronoeula, 71
lanata Gillette, Dryophanta, 114
lanei Becker, Gtenicera, 79
langstoni Ross, Megaxyla, 132
lantha Webb, Hilarimorpha, 88
laricata Malloch, Coenosia, 89
larryi Hepner, Erythronoeula, 71
lasia Ross, Chematopsyche, 94
lasiosgaster Timberlake, Perdita, 108
Webb: Primary Insect Types

76

lasioptalmus Malloch, Camptocladius, 84
laslops Malloch, Camptocladius, 84
lasios Malloch, Fannia, 89
Lasiorhynchus Malloch, 82
muhlenbergiae Marten, 82
Lasius, 115
parvula Smith, 115
lateri Hepner, Erythroneura, 71
lata Frison, Isoperla, 61
lata MacGillivray, Caliroa, 121
Latalus, 76
draculus Ross & Hamilton, 76
intermedius Ross & Hamilton, 76
lateralis MacGillivray, Tenthredo, 129
lateralis Banks, Alloperla, 59
lateralis Ray, Mordellistena, 79
lateralis Say, Brachycerans, 92
Lathrotropis, 81
caseyi Blaisdell, 81
laticinctus Franklin, Bombus, 111
laticornis Malloch, Phaonia, 90
laticula Ross, Cernotina, 101
latifrons Malloch, Fannia, 89
latifrons Malloch, Pogonomyia, 90
laticapillus Girault, Aenasioidae, 114
latitarsis Robertson, Colletes, 112
lattergum Davis, Rhyacophila, 105
latosa Ross, Hydropsyche, 95
latosus Ross, Agapetus, 93
latrum Kissing, Apiion, 78
laudata MacGillivray, Caliroa, 121
laracea Robertson, Andrena, 106
larrie Ricker, Peltoperla, 60
lauriphylly Hepner, Erythroneura, 71
lauter Metcalf, Megamelandus, 76
Lauxiidae, 88
lecontei Wolcott, Priocera, 78
lectoides Robertson, Epeolus, 108
ledra Ross, Rhyacophila, 103
lefororsum Hepner, Erythroneura, 71
lega Ross, Propotilus, 93
lentulus Needham, Gomphus, 57
leontarsis Robertson, Colletes, 112
leonardi Ross, Hydropsyche, 94
Lepania, 99
cascada Ross, 99
Lepidoptera, 105
Lepidostoma, 97-98
canthar Ross, 97
delonji Ross, 97
hoodi Ross, 97
jewetti Ross, 97
knowltoni Ross, 97
knuli Ross, 97
liba Ross, 97
litor Ob, 97
lydia Ross, 97
ontario Ross, 98
ormea Ross, 98
pleca Ross, 98
quercina Ross, 98
rayneri Ross, 98
rhino Ross, 98
sommermanae Ross, 98
stoepis Ross, 98
swannanoa Ross, 98
veroda Ross, 98
Lepidostomatidae, 97-98
Lepismatidae, 56
Leptocella, 98
diarina Ross, 98
spiloma Ross, 98
tavara Ross, 98
leptocelloides Webb, Stempellina, 86
Leptoceridae, 98-99
Leptocerus, 98
oligius Ross, 98
oxapius Ross, 98
stchri Ross, 98
lepton Burks, Stenonema, 57
Leptotephriidae, 57
lesticus MacGillivray, Dolerus, 122
Leucomelina, 89
deleta Wulp, 89
minuscula Wulp, 89
Leucopelmonus, 124
annulatus MacGillivray, 124
leucophylla Hepner, Erythroneura, 71
Leucopis, 84
americana Malloch, 84
major Malloch, 84
minor Malloch, 84
orbitalis Malloch, 84
parallela Malloch, 84
pemphigae Malloch, 84
piniperda Malloch, 84
leucostoma Rohwer, Periclista, 127
Leuctra, 59
alabama James, 59
alta James, 59
classeni Frison, 59
coattaquila James, 59
crossi James, 59
forcipata Frison, 59
grandis Banks, 59
moha Ricker, 59
projecta Frison, 59
rickeri James, 59
Leucotrichia, 96
limpia Ross, 96
notosa Ross, 96
sarita Ross, 96
Leuctridae, 59-60
levecki Hepner, Erythroneura, 71
linae Hepner, Erythroneura, 71
liba Ross, Lepidostoma, 97
Libellulidae, 57
Liburnia, 76
fulvidorum Metcalf, 76
ligata pupillata McAtte, Erythroneura, 71
llitianae Hepner, Erythroneura, 71
limata Frison, Brachyptera, 61
limata Frison, Capnia, 58
limnella Ross, Helicopsyche, 93
Limnephilidae, 99-100
Limnephilus, 99-100
acnestus Ross, 99
acula Ross & Merkley, 99
adapusi Ross, 99
ademenus Ross, 99
alconura Ross & Merkley, 99
aldinus Ross, 99
aretto Ross, 99
arizona Ross, 99
castor Ross & Merkley, 99
cerus Ross & Spencer, 99
circope Ross & Merkley, 99
conerus Ross, 99
eetus Ross, 100
fagus Ross, 100
frijole Ross, 100
keratus Ross, 100
labus Ross, 100
lophos Ross, 100
merinthus Ross, 100
nogus Ross, 100
oreus Milne, 100
santanus Ross, 100
sericeps Say, 100
taloga Ross, 100
thorus Ross, 100

Limnoria, 117
canariasiae Ashmead, 117
elegans Weed, 117
teratis Weed, 117
Linichidae, 79, 133
Linichites, 133
rudis Wooldridge, 133
Linnaegromyza, 81
diantherae Malloch, 81
Limnophila, 92
imbecilla illusionensis Alexander, 92
Limnophora, 89
clivicola Malloch, 89
socia Wulp, 89
tetrachaeta Malloch, 89
limpia Ross, Leucotrichia, 96
linda Ricker, Nemoura, 60
lindleyi Hepner, Erythronera, 71
linea Stannard, Periclista, 127
linearis Malloch, Helina, 89
lineata MacGillivray, Caliroa, 121
liniges MacGillivray, Tenthredo, 129

Linsleya, 79
compressicornis neglecta Selander, 79
linsleyi Burdick, Xyela, 132
lita Burks, Ephemeraella, 56
lita Frison, Taeniopyteryx, 62

Litbocharis, 81
ardenus Sanderson, 81
littoralis Malloch, Phyllogaster, 90
littoralis Malloch, Sapromyza, 88
liturata MacGillivray, Caliroa, 121
livida LaBerge, Andrena, 106

Lixus, 78
albisetiger Chittenden, 78
elephantulus Chittenden, 78
lloganae Blickle, Hydropilta, 95
lloydii Hepner, Erythronera, 71
lobata Frison, Nemoura, 60
lobata MacGillivray, Caliroa, 121
lobatus MacGillivray, Aphanius, 120

Lobopoda, 77
bicolor Campbell, 77
flavifemoralis Campbell, 77
haitiensis Campbell, 77

Loderus, 124-125
accuratus MacGillivray, 124
acerbus MacGillivray, 124
acidus MacGillivray, 125
acriculus MacGillivray, 125
acticinclus MacGillivray, 125
ancius MacGillivray, 125
niger Rohwer, 125

lodgei Frison, Alloperla, 59
dodingi Sanderson, Phyllophaga, 80
logana Ross, Polytrichia, 97
loisae Hepner, Erythronera, 71

Lomacheta, 118
punctinota Mickel, 118

lometa Ross, Polytrichia, 97

Lonchaes, 88
aberrans Malloch, 88
ruficornis Malloch, 88
vibrissata Malloch, 88

Lonchaeidae, 88
lonchera Blickle, Hydropsyche, 95
longiceps Robertson, Halicus, 116
longifurca Hepner, Erythronera, 71
longipalpis Ray, Mordella, 79
longitarsis Malloch, Eucercopina, 83
loncer a Ricker & Ross, Taeniopyteryx, 62
lopho Ross, Limnephilus, 100

Lopidea, 62
chandleri Moore, 62
wisteriae Moore, 62

lorata MacGillivray, Caliroa, 121
loriae Hepner, Erythronera, 71
loricata MacGillivray, Caliroa, 121
loshada Ricker, Allocapnia, 58
loot Ross, Lepidostoma, 97
lovetti MacGillivray, Macremphytus, 125
Loxotrichia, 96
glasa Ross, 96
luciae Ross, Empoasca, 67
ciucifex Ross, Fenusa, 124
lucileae Hepner, Erythronera, 71
lucora Hepner, Erythronera, 71
luctatus MacGillivray, Dolerus, 122
luculenta Frison, Evaria, 115
lucyae Hepner, Erythronera, 71
lumina Ross, Psychomyiella, 105
lumosa Ross, Oxyethira, 97

lunata MacGillivray, Caliroa, 121
lunata MacAtee, Erythronera, 71
lunatus MacGillivray, Tenthredo, 129
lunatus concolor Robertson, Epeolus, 108
lundi Hepner, Erythronera, 71
lunonus Ross, Limnephilus, 100
lupalus Hamilton, Paraphlepsius, 76
luridis Hottes & Frison, Aphis, 63
lustrans Beutenmueller, Andricus, 113
lutea Malloch, Hartomyia, 83
luteola Malloch, Beckerina, 90
luteoloides Robertson, Nomada, 110
lydia Ross, Lepidostoma, 97
Lygaeidae, 62
Lygyus, 62
artribialis Knight, 62
frisoni Knight, 62
lyratae Ross & DeLong, Erythroneura, 71
lyrithylla Hepner, Erythroneura, 71
lyratus Ross, Carborius, 99
lyriquera Hepner, Erythroneura, 71

MacGillivray Frison, Chalcidopterella, 115
Macrhaerilaenus, 62
complexus Malcomson, 62
MacNeilli Hart, Melanoplus, 57
maccoupinensis Robertson, Andrena, 106
Macremphyus, 125
bicornis MacGillivray, 125
lovetti MacGillivray, 125
Macrocera Wulp, Coenosis, 89
macroneura Malloch, Johannsenomyia, 83
Macrobrachia, 82
houghii Malloch, 82
Macrophya, 125
bellula MacGillivray, 125
bilineata MacGillivray, 125
confusa MacGillivray, 125
fascialis puella Ross, 125
fistula MacGillivray, 125
flaccida MacGillivray, 125
flicta MacGillivray, 125
Magnifica MacGillivray, 125
melanopleura MacGillivray, 125
minuta MacGillivray, 125
mixta MacGillivray, 125
nidonea MacGillivray, 125
obaerata MacGillivray, 125
obnata MacGillivray, 125
obruusa MacGillivray, 125
oregona dukiue Ross, 125
ornata MacGillivray, 125
pluricinctella Rohwer, 125
pulchella alba MacGillivray, 125
punctata MacGillivray, 125
trisylabus sinnunula Ross, 125
truncata Rohwer, 125
varius festana Ross, 125
varius nordicola Ross, 125

Macropsis, 118
morsii Robertson, 118
steinorennatis Robertson, 118

Macrosiphum, 64-65
anomalae Hottes & Frison, 64
coryli Davis, 64
ergeronensis Thomas, 64
illini Hottes & Frison, 64
illini crudae Hottes & Frison, 64
illini sanguomonensis Hottes & Frison, 64
kickapoo Hottes & Frison, 64
packi Knowlton, 64
pallens Hottes & Frison, 64
ribiullum Davis, 64
ruralis Hottes & Frison, 64
sanguinarium Hottes & Frison, 65
tapuskae Hottes & Frison, 65
tardae Hottes & Frison, 65
venaefuscae Davis, 65
zinaleae Hottes & Frison, 65
macrosoma Wulp, Charadrella, 89

Macrosteles, 76
jussiaeae Moore & Ross, 76
urticae Moore & Ross, 76
macronia Williamson, Somatochitra, 57

Macroxyela, 132
bicolar MacGillivray, 132
bicolar harti Ross, 132
distincta MacGillivray, 132
obsolenta MacGillivray, 132

Macurocampia, 105
dorothea Dyar, 105

Macuellass, 76
capillus Ross & Hamilton, 76
strictus Ross & Hamilton, 76
maculata MacGillivray, Acordulecera, 119
maculata MacGillivray, Euura, 124
maculipennis bilineata Timberlake, Perdita, 108

Madiza, 87
setulosa Malloch, 87
magnatus MacGillivray, Tenthredo, 129
magnifica MacGillivray, Macrophya, 125
magnus Gillette, Synerus, 114
maidaphidis Garman, Adalaltus, 112
majada Ross, Atopsyche, 105
major Malloch, Leucopis, 84
major Malloch, Pseudocalicoides, 84
major Robertson, Osmia, 118
makila Ross, Hoplocampa, 124
malkini Ross, Farula, 99
malkini Ross, Rhyacophila, 103
mallochi Alexander, Tipula, 92
mallochi McCone, Erythroneura, 71
mallochi Sublette, Thienemanniana, 87
Mallophaga, 62

Mallota, 91
illinoensis Robertson, 91

Malvini, 77
georgiensis Fender, 77

Malthodes, 77-78
frisoni Fender, 77
sandersoni Fender, 78
whittakeri Fender, 78

malverna Ross, Allocapnia, 58
mamestrae Weed, Microplitis, 112
mandibularis Robertson, Andrena, 106
maniste Ross, Rhyacophila, 103
mantecada Sanderson, Sceletonopa, 78
manteri Sommerman, Caeclitus, 77
marginata Gillette, Coptercucollia, 113
marginata Weld, Callirhytis, 113
marginella Malloch, Hylemyia, 82
marginellus Malloch, Tanytopus, 86
mariae Robertson, Andrena, 106
mariae concolor Robertson, Andrena, 106
mariana Ross, Pontania, 127
marilandiae Ross, Erythroneura, 71
Marilia, 100

nobsca Milne, 100

marina MacGillivray, Acordulecera, 119

marina Ricker, Pelopera, 60

mariquera Hepner, Erythronoea, 71

marlo Milne, Agapetus, 93

martini Hepner, Erythronoea, 71

martini MacGillivray, Monostegia, 126

martini MacGillivray, Neoparephora, 126

marvae Hepner, Erythronoea, 71

mathesoni MacGillivray, Phlebatrophia, 127

matilda Robertson, Augochlora, 115

maura MacGillivray, Acordulecera, 119

maxima Allen, Ephemerella, 56

maxima MacGillivray, Acordulecera, 119

maxima Weld, Callirhytis, 115

maxwelli Hepner, Erythronoea, 71

Mayatrixica, 96

acuna Ross, 96

ponta Ross, 96

mazon Ross, Ithytrieica, 96

mccomas Hepner, Erythronoea, 72

meadi Hepner, Erythronoea, 72

meardi deflectus Frison, Bremus, 111

meardi dillatus Frison, Bremus, 111

Mecoptera, 81

Medeterus, 88

ceralescens Malloch, 88

media MacGillivray, Acordulecera, 119

mediana Banks, Alloperla, 59

medicus Ross, Agapetus, 93

medveda Ricker, Alloperla, 59

Megachile, 117-118

florida Robertson, 117

rufimanus Robertson, 117

sexdentata Robertson, 117

strophostylis Robertson, 118

Megachilidae, 117-118

Megaleuropa, 60

kincaid Frison, 60

meatolomis Burks, Chalcis, 112

Megamelanys, 76

laetus Metcalf, 76

Megasyrphus, 132

langstoni Ross, 132

Megoura, 65

solani Thomas, 65

mela Frison, Acroneuria, 60

melaca Ross, Trietendodes, 99

melana Burks, Spiochalcis, 112

melanace Ross, Holocentropus, 102

Melanochila, 89

angulata Malloch, 89

imitatrix Malloch, 89

melanopiae MacGillivray, Macropbya, 125

Melanoplus, 57

macneilli Hart, 57

scudder texensis Hart, 57

melanopygus washingonensis Frison, Bremus, 111

Melcxanthemum, 65

annatum Patch, 65

Melastola, 133

terruginosa Wong, 135

melco Ross, Neureclipsis, 102

meleca MacGillivray, Acordulecera, 119

mela Frison, Capnia, 58

mela Ross, Hydrotuila, 95

Mellisodes, 109-110

asteris Robertson, 109

autumnalis Robertson, 109

boitoniae Robertson, 109

enici Robertson, 109

comptoides Robertson, 109

coreopsis Robertson, 109

illinoensis Robertson, 109

nivea Robertson, 109

pallida Robertson, 109

petalostemonis Robertson, 109

simillima Robertson, 109

trinodis Robertson, 109

versoniae Robertson, 110

versoniana Robertson, 110

melita Ross, Rhysophila, 103

Meliitidae, 118

dellina MacGillivray, Acordulecera, 119

Meloloth, 79

Membacidae, 77

memorialis Hottes & Frison, Neosmydobi, 65

Meoneura, 88

nigrifrons Malloch, 88

mergata Ross, Empoasca, 67

meridiana Hepner, Erythronoea, 72

merinthus Ross, Limnephilus, 100

merkli Hepner, Erythronoea, 72

Meromyyza, 87

flavipalpis Malloch, 87

meromyzae Forbes, Coelinius, 112

merrickana Kearsott, Hysterosia, 105

Mesochlora, 57

unicolor Hart, 57

Messa, 125

alista MacGillivray, 125

alumna MacGillivray, 125

amica MacGillivray, 125

anita MacGillivray, 125

appota MacGillivray, 125

tessica MacGillivray, Tenthredo, 129

Mestocharaxis, 114

williamsoi Girault, 114

Metallus, 125

bethunei MacGillivray, 125

tohweri MacGillivray, 125

rubii Forbes, 125

Metasyrphus, 91

metcali Fruke, 91

metcali Fruke, Metasyrphus, 91

metephi Ricker & Ross, Taenioptrax, 62

metoeca Bickel & Morse, Hydroptila, 96

metopia Ross, Erythronoea, 72

Metreutus, 56

pecatonica Burks, 56

Metriocnemus, 85

annuliventris Malloch, 85

brachyora Malloch, 85

metriotes Burks, Stenomena, 57

mexara Ross & Moore, Empoasca, 67

mexicenesis Franklin, Bombus, 111
mexico Ross, Xiphocentron, 103
micheneri Hepner, Erythroneura, 72
Micrasema, 92
bactro Ross, 92
bennetti Ross, 92
burksi Ross & Unzicker, 92
diteris Ross, 92
onisca Ross, 92
okarkanai Ross & Unzicker, 92
rickeri Ross & Unzicker, 92
scotti Ross, 92
sprulesi Ross, 92
wataga Ross, 92
Microledrida, 76
flava Metcalf, 76
Micropeltis, 112
hyphantriae Ashmead, 112
mamestrae Weed, 112
mictopygius Robertson, Triepoeus, 110
Microtery, 114
speciosissimus Girault, 114
middenleti Weed, Callirhytis, 113
miki Williston, Hilarimorpha, 88
milaca Etnier, Polycentropus, 102
Millichidae, 88
millsi Ross, Empoasca, 67
millisi Ross & DeLong, Erythroneura, 72
milnei Ross, Rhycaphila, 103
mimica Hottes & Frison, Eriosoma, 64
mimica Ross, Erythroneura, 72
minetra Cunningham & Ross, Empoasca, 67
minima MacGillivray, Acordulecera, 119
minimus Hart, Sphenophorus, 79
minimus Robertson, Triepoeus, 110
minor Forbes, Siphonophora, 65
minor Gillette, Antastrophus, 113
minor Malloch, Leucopis, 84
minor Malloch, Phortica, 88
minor Robertson, Specodes, 117
minuscula Wulp, Leucomeleina, 89
minusculus MacGillivray, Dolerus, 122
minuta MacGillivray, Acordulecera, 119
minuta MacGillivray, Euura, 124
minuta MacGillivray, Macrophyra, 125
minuta Weed, Pimpla, 117
Minutilicornis, 65
gravidis Knowlton, 65
minutilissima Malloch, Corimelaena, 62
minutus MacGillivray, Monophadnus, 126
Miridae, 62-63
mics Ross, Athripsodes, 98
micus Ross, Pachynematulus, 126
missouri Ross, Glyrophysche, 99
missouriii Ricker, Isocapnia, 58
mitella McAtee, Erythroneura, 72
mitilini Hepner, Erythroneura, 72
mixta MacGillivray, Acordulecera, 119
mixta MacGillivray, Macrophyra, 125
mixta Ray, Mordellistena, 79
mockfordi Ricker, Nemoura, 60
modesta Banks, Perla, 60
modesta MacGillivray, Acantholyda, 119
modesta Webb, Hilarimorpha, 88
modestius MacGillivray, Priophorus, 127
moenia MacGillivray, Euura, 124
Mogerus, 125
emarginatus MacGillivray, 125
mohai Ricker, Leuctra, 59
mohri Frison, Isoperla, 61
mohri Knight, Strongylocoris, 63
mohri Ross & Ricker, Allocaopia, 58
mohri Ross, Gallinella, 101
mohri Ross, Sialis, 77
Molannidae, 100
Molannodes, 100
bergi Ross, 100
mollala Ross, Cheumatopsyche, 94
molsonae Blickle, Hydropitila, 95
Monardia, 82
illinoensis Felt, 82
Monardis, 125
pulla Smith, 125
monellia Davis, Phytopsitumus, 65
Monellia, 65
californicus Essig, 65
nigropunctata Granovsky, 65
mono Ross, Polythricia, 97
Monoctenus, 114
juniperinus MacGillivray, 114
Monophadnoides, 125-126
circinus MacGillivray, 125
collaris MacGillivray, 125
concessus MacGillivray, 125
ductatus MacGillivray, 125
consobrinus MacGillivray, 125
consus MacGillivray, 126
conspersus MacGillivray, 126
conspiculata MacGillivray, 126
conspicuus MacGillivray, 126
conspitus MacGillivray, 126
tormentus MacGillivray, 126
coracinus MacGillivray, 126
cordatus MacGillivray, 126
costalis MacGillivray, 126
corythus MacGillivray, 126
costatus MacGillivray, 126
crucatus MacGillivray, 126
curiosus MacGillivray, 126
kincaidii MacGillivray, 126
shawi MacGillivray, 126
Monophadnus, 126
eaqualis MacGillivray, 126
aeratus MacGillivray, 126
assaracus MacGillivray, 126
atracornus MacGillivray, 126
bipunctatus MacGillivray, 126
distinctus MacGillivray, 126
minutus MacGillivray, 126
planus MacGillivray, 126
prickatus MacGillivray, 126
ruscullus MacGillivray, 126
transversus MacGillivray, 126
monerisicus MacGillivray, Dolerus, 122
Monostigia, 126
kincaidii MacGillivray, 126
martini MacGillivray, 126
montana Ross, Glossosoma, 93
moramini Ross, Dolerus, 122
moratus MacGillivray, Priophorus, 127
Mordella, 79
longipalpis Ray, 79
Mordelles, 79
Mordellistena, 79
bifasciata Ray, 79
lateralis Ray, 79
mixta Ray, 79
Mordwilkoja, 170
muricatus, 89
mundulus Muscidifurax, 89
Muscidae, 89
mycta Muscina, 89
Mydaea, 89
Mycetophilidae, 89
Mutillidae, 89
Mystica, 89
myrsum Mystacides, 89
Nabalata, 89
Nabidae, 89
Nabis, 89
elongatus Hart, 89
nalata Frison, Hydroperla, 89

Mordwilkaja, 65
vagabunda Walsh, 65
morelandi Hepner, Erythronoe, 72
mormonorum Franklin, Bombus, 111
morrisi Hepner, Erythronoe, 72
morsei MacGillivray, Dimorphopteryx, 121
morsei Robertson, Macropis, 118
muhlenbergiae Marten, Lasiopera, 82
multilineata punicea Girault,
Zagmomsomosa, 115
multipunctatus Malloch, Culicoides, 83
multispinosa Schmid, Tinodes, 103
munda MacGillivray, Acordulecera, 119
mundius MacGillivray, Priophorus, 127
mundulus Sanderson, Xenochalepbus, 78
muricatus, MacGillivray, Aphanisius, 120
Muscidia, 88-90
Muscidifurax, 119
raptor Girault & Sanders, 119
Muscin, 89
tripunctata Wulp, 89
musta MacGillivray, Acordulecera, 119
Mytilulidae, 118
Myctophidae, 90
mycta Ross, Rhycaphilus, 103
Mydacea, 89-90
armata Malloch, 89
brevipilosa Malloch, 89
concina Wulp, 90
discimana Malloch, 90
neglecta Malloch, 90
obscura Wulp, 90
persimilis Malloch, 90
Myimaridae, 118-119
Myndus, 76
truncatus Metcalf, 76
Myrmoa, 131
nocturna rufigaster Krombein, 131
Myrsidea, 62
bonariensis Malcomson, 62
myrsom Burks, Pseudoclocon, 56
Myxaceidae, 98
sandersoni Yamamoto & Ross, 98
mystica Evans, Phymata, 63
mystica Frison, Allocapnia, 58
mystica Frison, Evania, 115
Myzocallis, 65
hyperici Thomas, 65
Myzus, 65
aquilegiae Essig, 65
thomasi Hotte & Frison, 65

N

Nabidae, 63
Nabis, 63
longipalpis Ray, 63
nalata Frison, Hydroperla, 63
nalema Ross, Hoplocampa, 124
namata Frison, Isoperla, 61
namatus Burks, Iren, 57
nanina Banks, Alloperla, 59
napaeus MacGillivray, Dolerus, 122
naranga Stannard, Periclista, 127
nari Ricker & Ross, Zaleuctra, 60
narratus MacGillivray, Dolerus, 122
nascitius Ross, Polycentropus, 102
nasoni Malloch, Aphiochaeta, 90
nasoni Malloch, Helina, 89
nasonii Robertson, Andrena, 106
natusus MacGillivray, Dolerus, 122
natchezensis Hepner, Erythronoe, 72
nativus MacGillivray, Dolerus, 122
naulum Kissinger, Apion, 78
nauticus MacGillivray, Dolerus, 122
navigoides Hepner, Erythronoe, 72
nearctica Ross, Xyelecia, 132
nebekeri Hepner, Erythronoe, 72
nebulousa Hotte & Frison, Amphorophora, 63
nebulosa Malloch, Palpomvia, 83
necassarius MacGillivray, Dolerus, 122
necosericus MacGillivray, Dolerus, 122
nectarceus MacGillivray, Dolerus, 122
nectyra Davidson & DeLong, Empoasa, 67
neeli Hepner, Erythronoe, 72
nepastus MacGillivray, Dolerus, 122
neglecta Frison, Alloperla, 59
neglecta Frison, Hyptia, 115
neglecta Malloch, Mydacea, 90
neglectus Hotte & Frison, Chaitophorus, 64
negotiosus MacGillivray, Dolerus, 122
negundinus Thomas, Chaitophorus, 64
neiswanderi Ross, Polycentropus, 102
nelumbonis Robertson, Prosopis, 115
Nematus, 126
robiniae Forbes, 126
Nemobius, 57
funeralis Hart, 57
Nemognatha, 79
seioa Selander, 79
nemorous MacGillivray, Dolerus, 122
Nemotelus, 91
bellulus Melander, 91
bruessi Melander, 91
trinotatus Melander, 91
wheeleri Melander, 91
Nemoura, 60
besametsa Ricker, 60
chila Ricker, 60
decepta Frison, 60
delosa Ricker, 60
dimicki Frison, 60
foersteri Ricker, 60
haysi Ricker, 60
lobata Frison, 60
mockfogdi Ricker, 60
obscura Frison, 60
perplexa Frison, 60
pseudoproduc Frison, 60
rossi Ricker, 60
stylata Banks, 60
Webb; 171
July

Webb: Primary Insect Types

vibrans Ross, 96
Neotrichogramma, 132
acutiventris Girault, 132
neotropicalis Frison, Bremus, 111
nephrolepis Davis, Idiopterus, 64
Nephotoma, 92
spaghnicola Alexander, 92
nephus Ross, Athripsodes, 98
nepotulus MacGillivray, Dolerus, 122
nervosus MacGillivray, Dolerus, 122
nescius MacGillivray, Dolerus, 122
nesium Kissing, Apion, 78
Neureclipsis, 102
melco Ross, 102
Neuroptera, 77
Neuroterus, 114
exiguissimus Bassett, 114
nevadensis aztecus Cockerell, Bombus, 111
newtonensis Hepner, Erythronoea, 72
nicaeus MacGillivray, Dolerus, 122
nicarette McAtee, Tephrocya, 75
nicoli Ross, Hydroptila, 96
nidonea MacGillivray, Macrotypha, 125
nidulus MacGillivray, Dolerus, 122
nielsoni Hepner, Erythronoea, 72
niger Ashmead, Clinoecetina, 112
niger Rohwer, Loderus, 125
niger signatus Frison, Bremus, 111
nigra Woodworth, Gypona, 77
nigrae Robertson, Andrena, 107
nigrellus DeLong & Mohr, Scaphoidea, 76
nigrellus Girault, Anaphes, 118
nigribasis Malloch, Helina, 89
nigrisius MacGillivray, Tenthredo, 129
nigrifascia MacGillivray, Tenthredo, 129
nigrifrons Forbes, Cicaula, 75
nigrifrons Malloch, Meoneura, 88
nigritina Malloch, Chyromya, 87
nigriphyla Hepner, Erythronoea, 72
nigriguera Hepner, Erythronoea, 72
nigrisquama Malloch, Agromyza, 81
nigrita Malloch, Helina, 89
nigrivibales MacGillivray, Tenthredo, 129
nigrivitus MacGillivray, Aphanisus, 120
nigrohalteralis Malloch, Chloronoea, 85
nigrolineata Jewett, Anacronoea, 60
nigropunctatus Granovsky, Monellia, 65
nigrovittatus Malloch, Chloronoea, 85
nimibinis Hoppe, Alloperla, 59
nimboeus MacGillivray, Dolerus, 122
nitudelus Malloch, Orthocladiina, 86
nitudus Malloch, Orthocladiina, 86
nivatus MacGillivray, Dolerus, 122
nivea Robertson, Melissodes, 109
nobsca Milne, Marilia, 100
nocivus MacGillivray, Dolerus, 122
Noctuidae, 105
noturna Ross, Oecetis, 98
noturna rufigaster Krombein, Myrmossa, 131
nocuus MacGillivray, Dolerus, 122
nodosa Cunningham & Ross, Empoasca, 67
noevoides Ross & DeLong, Erythronoea, 72
nogus Ross, Limnephilus, 100

tina Ricker, 60
tuberculata Frison, 60
tumana Ricker, 60
varshava Ricker, 60
weberi Ricker, 60
Nemouridae, 60
neagestius MacGillivray, Dolerus, 122
neaprilis MacGillivray, Dolerus, 122
Neocharactus, 126
bakeri MacGillivray, 126
Neochirothis, 82
setiger Malloch, 82
neocollaris MacGillivray, Dolerus, 122
Neodiprion, 114
warreni Ross, 114
werner Ross, 114
neoflavellus Malloch, Tanytarsus, 87
Neogaurax, 87
fumipennis Malloch, 87
Neoheterocerus, 79
pallidus Say, 79
sandersoni Pacheco, 79
Neohylemyia, 82
Probosciscialis Malloch, 82
Neoleucopis, 84
pinicola Malloch, 84
Neoelymus, 62
geminus Knight, 62
neocomoxia Hulst, Hydriomena, 105
neomodesus Malloch, Chironomus, 85
Neopanorpoida, 81
byersi Webb & Penny, 81
Neopareophora, 126
martini MacGillivray, 126
scelesa MacGillivray, 126
Neophylax, 100
aniqua Ross, 100
atlanta Ross, 100
ayanus Ross, 100
oliggis Ross, 100
rickeri Milne, 100
stolus Ross, 100
neopunctipennis Sublette, Tanypus, 86
neosericus MacGillivray, Dolerus, 122
neoslossoni MacGillivray, Tenthredo, 129
neostagnus MacGillivray, Dolerus, 122
Neosymmyodobius, 65
memorialis Hotte & Frison, 65
Neothemis, 100
didactyla Ross, 100
Neotanypus, 131
acuta Malloch, 131
Neotanypus, 126
hyalinus MacGillivray, 126
Neotrichia, 96
edalis Ross, 96
elerobi Bickel, 96
falca Ross, 96
kitei Ross, 96
numii Ross, 96
okopa Ross, 96
osmena Ross, 96
riegei Ross, 96
sonora Ross, 96
Nomada, 110
cressoni Robertson, 110
crescensita Robertson, 110
derigeronis Robertson, 110
dilinoisensis Robertson, 110
integra Robertson, 110
luteoloides Robertson, 110
parva Robertson, 110
salicis Robertson, 110
sany Robertson, 110
simplex Robertson, 110
viburni Robertson, 110
nomada Ross, Psychomyiella, 103
ominatus MacGillivray, Dolerus, 122
norcuta Ross, Rhyncophila, 104
norda Ross, Empria, 124
norica Ross, Erythronoea, 72
normalis Malloch, Hylemyia, 82
normanti Hepner, Erythronoea, 72
nornoni Ross, Dolerus, 122
nortonii Malagillivray, Caliooa, 121
nortonii Malagillivray, Tomostethus, 131
notosordi Robertson, Andrena, 107
Notobia, 104
pele Ross, 104
Notodontidae, 105
Notoglossa, 120
americana Robertson, 120
inornata Robertson, 120
notosa Ross, Leuctrichia, 96
novae-angiae Robertson, Panurgus, 108
novasota Ross, Oxyethira, 97
novellus MacGillivray, Dolerus, 122
novicius MacGillivray, Dolerus, 122
novicola Blickle & Morse, Hydroptila, 96
novus MacGillivray, Tenthredo, 129
nox Ross, Triadenodes, 99
nubilifera Malloch, Sapromyza, 88
nubilipes Girault, Anagyrus, 114
nubilipes Say, Scenopinus, 91
nuda Robertson, Andrena, 107
nudus Robertson, Colletes, 112
nugatorius MacGillivray, Dolerus, 122
numerous MacGillivray, Dolerus, 122
numerous Say, Brachycerentus, 92
numii Ross, Neorichia, 96
nummarius MacGillivray, Dolerus, 122
nummatus MacGillivray, Dolerus, 122
nundinus MacGillivray, Dolerus, 122
nundius MacGillivray, Dolerus, 122
nuntius MacGillivray, Dolerus, 123
nutricia MacGillivray, Dolerus, 123
nycalis Hottes & Frison, Aphid, 63
nyciellus MacGillivray, Dolerus, 123
Nyctiophylas, 102
uncus Ross, 102

obarea MacGillivray, Macrophyia, 125
obanata MacGillivray, Macrophyia, 125
obiquatus MacGillivray, Tenthredo, 129
obrussa MacGillivray, Macrophyia, 125
obscura Frison, Nemoura, 60
obscura Malloch, Probezzia, 84
obscura Robertson, Trachandrena, 108

obscura Wulp, Mydaea, 90
obscuratus MacGillivray, Paracharactus, 127
obscuratus Malloch, Chironomus, 85
obscurus Robertson, Halictus, 116
obsenus DeLong, Chlorotettix, 75
obsesus Webb, Orthocladias, 86
obtius MacGillivray, Aphanisus, 120
obsoleta MacGillivray, Macroxyela, 132
obtens MacGillivray, Paracharactus, 127
obtusa Malloch, Chloropisca, 87
obversus MacGillivray, Paracharactus, 127
occidens Frison, Alloperla, 59
occidentalis Hart, Forda, 64
occidentalis MacGillivray, Cockerellonis, 121
occidentalis Malloch, Clusia, 87
occidentalis Malloch, Hylemyia, 82
occidentalis Rohwer, Perclista, 127
occideus Ross, Dolophilus, 101
occidia Ross, Empoasca, 67
occidius MacGillivray, Aphanisus, 120
ochris Burks, Baetis, 56

Ochtrichia, 96
capitana Ross, 96
felipe Ross, 96
phenosa Ross, 96
riesi Ross, 96
trapeza Ross, 96
weddelae Ross, 96
wouijcky Blickle, 96
oculata McAttee, Erythronoea, 72
oculeus Robertson, Odynerus, 132
odetae Hepner, Erythronoea, 72
Odonata, 57
Odontoceridae, 100

Odontomyia, 91
snowi Hart, 91
odoratus MacGillivray, Aphanisus, 120

Odynerus, 132
apopkenis Robertson, 132
australis Robertson, 132
bicornis Robertson, 132
bifurcatus Robertson, 132
clypeatus Robertson, 132
floridanus Robertson, 132
fundatiformis Robertson, 132
histrionalis Robertson, 132
illinoensis Robertson, 132
oculeus Robertson, 132
zendalooides Robertson, 132

Oecanthus, 57
forbesi Titus, 57

Oecetis, 98
daytona Ross, 98
ditissa Ross, 98
eddlestoni Ross, 98
georgia Ross, 98
nocturna Ross, 98
porter Ross, 98
sphyla Ross, 98

Oecleus, 76
productus Metcalf, 76
oestlundii Knowlton, Capiophorus, 64
offensus MacGillivray, Paracharactus, 127
Ogodes, 81
porter Schlinger, 81
ohio Ross, Cernotina, 101
ohionsis Ross & Ricker, Allocapnia, 58
Oidaematophorus, 105
genni Cashatt, 105
oklahoma Ross, Cernotina, 102
okopa Ross, Neotrichia, 96
olanchitus Becker & Sanderson, Scalaranthus, 80
Oliarus, 76
texanus Metcalf, 76
vittatus Metcalf, 76
oligi Ross, Leptocerus, 98
oligi Ross, Neophylax, 100
Oligophilebodes, 100
ardis Ross, 100
ruthae Ross, 100
sierra Ross, 100
Oligospectrwm, 92
echo Ross, 92
Oligosita, 132
america Ashmead, 132
Oligotropus, 118
campanae Robertson, 118
olativipes MacGillivray, Tenthredo, 129
onekama MacGillivray, Caenolyda, 119
onerosa MacGillivray, Hylotoma, 110
onisca Ross, Micrasema, 92
ontario Ross, Lepidostoma, 98
Onychylis, 78
secundus Burke, 78
Ophthora, 132
semblis Aurivilius, 132
opacitorhex Malloch, Heteromyia, 88
opatius Ross & Hamilton, Laevicephalus, 76
ophiodera Ross & Cunningham, Empoasca, 67
ophioderus Ross, Athripsodes, 98
ophionis Ross, Agapetus, 95
ophrys Ross, Rhyacophila, 104
oquaka DeLong, Graminella, 75
ora Burks, Ephemerella, 56
orata Frison, Isoperla, 61
orbitalis Malloch, Leucopis, 84
oregona Frison, Capnia, 58
oregona Ross, Polytrichia, 97
oregona dukiare Ross, Macrophyia, 125
oregonensis Frison, Alloperla, 59
oreia Ross, Rhyacophila, 104
oretia Ross, Rhyacophila, 104
oreus Milne, Limnephilus, 100
ormea Ross, Lepidostoma, 98
ormiae Ross, Glyphopsyche, 99
Oromia, 92
frisoni Alexander, 92
ornata MacGillivray, Macrophyia, 125
ornigis Weed, Apanteles, 112
orobenae Forbes, Apanteles, 112
Orocastus, 76
pinnipenis Ross & Hamilton, 76
oron Ross, Philocasca, 100
oronis MacGillivray, Dimorphoptyeryx, 121
oroneosis Metcalf, Syrphus, 91
Oropsyche, 95
howellae Ross, 95
orpha Frison, Chloroperla, 59
orris Ross, Hydropsyche, 95
Orthachaeta, 82
dissimilis Malloch, 82
Orthocladus, 86
albidohalteralis Malloch, 86
bifasciatus Malloch, 86
breweris Malloch, 86
distinctus Malloch, 86
distinctus basilaris Malloch, 86
distinctus bicolor Malloch, 86
flavoavellatus Malloch, 86
infuscatus Malloch, 86
lacteipennis Malloch, 86
nfitellus Malloch, 86
nitudeus Malloch, 86
obseptus Webb, 86
pilipes Malloch, 86
pleuralis Malloch, 86
striacus Malloch, 86
subparallelicus Malloch, 86
orthocnys Davidson & DeLong, Empoasca, 67
Orthoptera, 57
Orthotrichia, 96-97
baldus Kingsolver & Ross, 96
curta Kingsolver & Ross, 97
dentata Kingsolver & Ross, 97
Orthotylus, 62
rossi Knight, 62
taxodii Knight, 62
osagentis Ross, Dolerus, 123
Oscinoides, 87
arpidia Malloch, 87
arpidia atra Malloch, 87
arpidia elegans Malloch, 87
arpidia humeralis Malloch, 87
oskina Ross, Hoplocampa, 124
osmena Ross, Neotrichia, 96
Osmia, 118
collinsiae Robertson, 118
cunjunctoides Robertson, 118
cordata Robertson, 118
illinoensis Robertson, 118
major Robertson, 118
Ossiannilssonia, 74
rossi Christian, 74
ostansa Webb, Paralaubertoriella, 86
ostiaria MacGillivray, Pristiphora, 127
osta Ricker, Strophotepxy, 62
ostyae Hepner, Erythronoea, 72
Otiocerus, 76
wolfii nubilus McAtee, 76
ovalis Ross, Chimarra, 101
ovalis Ross, Empoasca, 67
ovatus Robertson, Gnathias, 109
ovatus binotatus Robertson, Gnathias, 109
ovatus octomaculatus Robertson, Gnathias, 109
ovatus plenus Robertson, Gnathias, 109
ovatus quadriraculaus Robertson, Gnathias, 109
ovatus sexmaculatus Robertson, Gnathias, 109
ovatus unicolor Robertson, Gnathias, 109
oxa Ross, Cheumatopsyche, 94
oxalata MacGillivray, Pseudoselandria, 128
oxapius Ross, Leptocerus, 98
Oxybelus, 120
floridanus Robertson, 120

Oxyera, 91
albovittata Malloch, 91
aldrichi Malloch, 91
approximata Malloch, 91

Oxyethira, 97
aculea Ross, 97
eaola Ross, 97
allagashensis Blickle, 97
anobola Blickle, 97
araya Ross, 97
arizona Ross, 97
lumosa Ross, 97
novasota Ross, 97
rivicola Blickle & Morse, 97
rossi Blickle & Morse, 97
serra Ross, 97
sida Blickle & Morse, 97
sodalis Ross & Spencer, 97
verna Ross, 97
zeronia Ross, 97
ozarkana Ross, Allocapnia, 58
ozarkana Ross & Unzicker, Micrasema, 92
ozarkensis Sanderson & Miller, Rhadine, 78
ozburni Milne, Arctoeia, 99

Pacatus MacGillivray, Trichiocampus, 131

Pachynematus, 126–127
abyrtus MacGillivray, 126
academus MacGillivray, 126
allegatus MacGillivray, 126
corticosus MacGillivray, 126
falonus Ross, 126
jamesi Ross, 126
mirus Ross, 126
paineri Ross, 126
rarus MacGillivray, 126
retractarius MacGillivray, 126
remissus MacGillivray, 126
repertus MacGillivray, 126
rosicus MacGillivray, 126
rufocinctus MacGillivray, 127
setator Ross, 127
smithae Ross, 127
sporax Ross, 127
uvator Ross, 127

Pacificus MacGillivray, Simplemphytus, 128
Pacificus MacGillivray, Strongylogaster, 128
packi Knowlton, Macrosiphum, 64
padusa MacGillivray, Hoplocampa, 124

Paederus, 81
zayasi Sanderson, 81
paetulus MacGillivray, Trichiocampus, 131
pagodofilaie Hepner, Erythroneura, 72
pagaeae Hepner, Erythroneura, 72
paineri Ross, Pachynematus, 126
pakanus Hotte & Frison, Capitophorus, 64
palina Ross, Protopilta, 93
Pallachira, 105
hartii French, 105
pallens Hotte & Frison, Macrosiphum, 64
pallicola MacGillivray, Tenthredo, 129

Pallidula Malloch, Probezzia, 84
pallida Robertson, Melissodes, 109
pallidifemur Malloch, Xylophila, 92
pallidipes Malloch, Gaurax, 87
pallidivertis Malloch, Aphiochaeta, 90
pallidivertis Malloch, Hartomyia, 83
pallidula McAtee, Calophya, 77
pallidula McDonough, Baetis, 56
pallidus Say, Neoheterocerus, 79
palliolatus MacGillivray, Trichiocampus, 131
pallipictis MacGillivray, Tenthredo, 129
pallipes Forbes, Pteromalus, 119
pallipes MacGillivray, Hoplocampa, 124
pallipunctus MacGillivray, Tenthredo, 129
palmata Ross, Stactobia, 97
paloma Wong & Ross, Pristiphora, 153
palpalis Robertson, Zodion, 88

Palpomyia, 83
illinoensis Malloch, 83
nebulosa Malloch, 85
paluloides Ross, Erythroneura, 72
pamelae Hepner, Erythroneura, 72

Pamphilidae, 119

Pamphilius, 119
dentatus MacGillivray, 119
fortitus MacGillivray, 119
persicum MacGillivray, 119
transversa MacGillivray, 119
unalatus MacGillivray, 119

Panica Thomas, Schizophora, 65
panica Ross & Moore, Empoasca, 67

Panorpa, 81
setifera Webb, 81
sigmaeides Carpenter, 81

Panorpidae, 81

Panurginus, 108
labrosiformis Robertson, 108

Panurgus, 108
autumnalis Robertson, 108
nove-angliae Robertson, 108
paolis Burks, Dirhinus, 112

Parabates, 127
histrionicus MacGillivray, 127

Parabezzia, 83
petiolata Malloch, 83

Paracharactus, 127
obscuratus MacGillivray, 127
obtenus MacGillivray, 127
obversus MacGillivray, 127
defensus MacGillivray, 127

Paragapetus, 93
cules Ross, 93

Paragnathina, 60
fattigii Ricker, 60
Paralaeterborniella, 86
ostansa Webb, 86

Paraleptophlebia, 57
sticta Burks, 57

Paralictus, 116
simplex Robertson, 116
parallela Frison, Hydroptera, 61
parallela Malloch, Leucopis, 84
parallelus MacGillivray, Aphanisus, 120
paramera Hepner, Erythroneura, 72
Parandrena, 108
andrenoides bicolor Robertson, 108
wellesleyana Robertson, 108
pantra Ross, Rhycophila, 104
Paraphlepsius, 76
brunneus rarus Hamilton, 76
lupalus Hamilton, 76
umbellatus Hamilton, 76
Parapsycha, 95
alma Ross, 95
cardis Ross, 95
elsis Milne, 95
parasericus MacGillivray, Dolerus, 123
Pareophora, 127
aldrichi MacGillivray, 127
guana MacGillivray, 127
guara MacGillivray, 127
parisensis Hepner, Erythronoeura, 72
parisi Frison, Brachygaster, 115
parkeri Malloch, Eremomyiooides, 81
parkeri Sanderson, Cyloelopus, 79
parki Becker & Sanderson, Reichenbachia, 80
parki Wagner, Pycnoplectus, 80
parroti Hepner, Erythronoeura, 72
parsoni Hepner, Erythronoeura, 72
Parthenicus, 127
parsoni MacGillivray, 127
parvula MacGillivray, 127
parvulamellatus Malloch, Chironomus, 85
parvula Smith, Lasius, 115
parvula Wulp, Spilogaster, 90
parus Robertson, Calliopis, 108
pasella Ross, Cheumatopsyche, 94
passiflorae Robertson, Anthemurgus, 107
patagiatus Thew, Ulmeritus, 57
patchi MacGillivray, Percista, 127
patchiae MacGillivray, Trichiocampus, 131
patei Hepner, Erythronoeura, 72
pataoka Burks, Heptagenia, 57
patonkus Hottes & Frison, Capitophorus, 64
patosa Ross, Chimarra, 101
patricia Frison, Isoperla, 61
patriciae Hepner, Erythronoeura, 72
patricki Hepner, Erythronoeura, 72
patris Ross & DeLong, Erythronoeura, 72
paulae Hepner, Erythronoeura, 72
Paulinodes, 101
tsaratanae Ross, 101
pauperculus Fender, Tryphtm, 78
pearliae Davis, Phyllophaga, 80
pecanae Hepner, Erythronoeura, 72
pecatonica Burks, Metreturus, 56
pechumani Ross & Ricker, Allocapnia, 58
pecos Ross, Hydroptila, 96
pentinatus Robertson, Halictus, 116
pectoralis Robertson, Epeolus, 109
Pedomerococclus, 100
sierra Ross, 100
Pegomyia, 82
emmesia Malloch, 82
labradorensis Malloch, 82
quadrispinosa Malloch, 82
spinigerellus Malloch, 82
subgrisea Malloch, 82
pele Ross, Notidobia, 104
pellisa Ross, Rhycophila, 104
peltoide Ross & Ricker, Allocapnia, 58
Peltoperla, 60
laurie Ricker, 60
marianna Ricker, 60
zipha Frison, 60
Peltoperlidæ, 60
pemphigæ Malloch, Leucopsis, 84
Pempbighus, 65
ephemeratus Hottes & Frison, 65
fraxinifoli Thomæs, 65
rubi Thomas, 65
tartareus Hottes & Frison, 65
penetura Hepner, Erythronoeura, 72
Pentatomidæ, 63
pentus Ross, Polycentropus, 102
pepli Ross, Pontania, 127
perda Ross, Rhycophila, 104
Perleta, 108
fraterna Timberlake, 108
gerhardi arenicola Timberlake, 108
lasioraster Timberlake, 108
maculipennis bilineata Timberlake, 108
Peridiælla, 108
boltoniae Robertson, 108
perezi Robertson, Arenæa, 107
pergandæi concolor Malloch, Forcipomyia, 83
Perignandæida, 65
corni Tissot, 65
Pergidæ, 119
Periclistæa, 127
confusa MacGillivray, 127
electa MacGillivray, 127
entella MacGillivray, 127
leucostoma Rohwer, 127
linea Stannard, 127
naranga Stannard, 127
occidentalis Rohwer, 127
patchi Malgillivray, 127
sulfurana Stannard, 127
perideus Burks, Dirhinus, 112
peridius Burks, Tricorythodes, 56
perigua Ross, Chimarra, 101
Perineuræa, 127
kinciaida MacGillivray, 127
Perisclidææ, 90
Perla, 60
modesta Banks, 60
subvarians Banks, 60
trichta Hoppe, 60
yakimae Hoppe, 60
Perlidææ, 60
Perlodidææ, 61
Perlongomyia, 60
sobrina Frison, 60
solitaria Frison, 60
perlonga Davis, Phyllophaga, 80
perna Ross, Triænoidæ, 99
pernotata Malloch, Sapromyza, 88
peronatus Ross & Hamilton, Laevicephalus, 76
perplana Ross & Spencer, Rhyacophila, 104
perplexa Frison, Acronuria, 60
perplexa Frison, Nemoura, 60
perplexus Ross & Ricker, Allocapnia, 58
persicum MacGillivray, Tenthredo, 129
persicum MacGillivray, Pamphilius, 119
perisimilis Malloch, Mydrea, 90
personata Robertson, Andrena, 107
perspicuipennis Girault, Prospaltella, 114
peruviana Frison, Brachygaster, 115
peruviana Ross, Protarrha, 101
petaloestomnis Robertson, Melissodes, 109
petaluma Ross, Empoasca, 67
petersoni Malloch, Anarostomoides, 88
petiolaris Ross, Empoasca, 67
petiolata Malloch, Parabezzia, 83
pfirmeri Hepner, Erythroneura, 72
phalacris Ross, Triadenodes, 99
Phalloniidae, 105
Phanurus, 120

Phanonia, 90
tabanius Ross, Ashmead, 120
basista Malloch, 90
brevispina Malloch, 90
harti Malloch, 90
laticornis Malloch, 90
subfusica Malloch, 90
texensis Malloch, 90
phelliphylla Hepner, Erythroneura, 75
phellos Ross & DeLong, Erythroneura, 75
phenosa Ross, Ochrotichia, 96
philadelphia Robertson, Heriades, 117
Phileremus, 110
illinoensis Robertson, 110
phil Malloch, Hydrometra, 95
Philoscasca, 100
demita Ross, 100
oron Ross, 101
Philopomatidae, 100-101
Philopomatrus, 101
dorcas Ross, 101
Philoperus, 62
cristata Malcolmson, 62
Phlebotrophus, 127
mathesoni MacGillivray, 127
Phoranta, 91
humeralis Robertson, 91
pruinosa Robertson, 91
Phorbia, 82, 90
fusciquisma Wulp, 90
prisca Wulp, 82
Phoridae, 90
Phortica, 88
minor Malloch, 88
Phorticoides, 90
flinti Malloch, 90
phoxopterisides Weed, Glypta, 117
Phrontosoma, 127
atro Malloch, MacGillivray, 127
collaris MacGillivray, 127
daeciei MacGillivray, 127
phryganea Ross, Rhyacophila, 104
Phryganeidae, 101
phryne McAtee, Typhlocyba, 75
philis Burks, Bactis, 56

Phyllogaster, 90
littoralis Malloch, 90
Phylophaga, 80
blanda Sanderson, 80
epulata Sanderson, 80
falta Sanderson, 80
foxi Davis, 80
fraterna mississippiensis Davis, 80
hirticola cornosa Davis, 80
impar Davis, 80
jonesi Sanderson, 80
lodgingi Sanderson, 80
parvidens hystropygus Davis, 80
pearliae Davis, 80
perlonga Davis, 80
saylori Sanderson, 80
soror Davis, 80
Phylocentropus, 102
rabilis Milne, 102
Phymata, 63
mystica Evans, 63
Phymatidae, 63
Phymatosiphum, 65
monell Davis, 65
Physemus, 79
excavatus Wooldridge, 79
Phytocoris, 62
arundinicola Knight, 62
piatrix Ross, Hydropsyche, 95
picana Ross, Polycentropus, 102
piceus Sanders, Aspidiotus, 75
pictus Malloch, Apoccephalus, 90
pietersi Hepner, Erythroneura, 75
pidata Frison, Diploperla, 61
pileata Jewett, Capnia, 58
pilipes Malloch, Orthocladius, 86
piliiarisis Malloch, Hydrophyrodes, 88
Pilophorus, 62
taxodi Knight, 62
pilosa Malloch, Hylemyia, 82
pilosus Leonard, Chrysopilus, 91
pimpinellae Robertson, Sphecodes, 117
Pimpla, 117
minuta Weed, 117
pinaca Ross, Cheumatopsyche, 94
pinatus Ross, Agapetus, 95
pinicola Malloch, Neoleucopis, 84
pinicola Thomas, Schizoneura, 65
pinipera Malloch, Leucopis, 84
pinipennis Ross, Orocatus, 76
pinta Frison, Isoperla, 61
pintada Ricker, Alloperla, 59
pita Ross, Helicopsyche, 93
piscator McAtee, Typhlocyba, 75
pisiformis Beutenmueller, Andricus, 113
Pisonotus, 76
fulvescent Metcalf, 76
pitrei Hepner, Erythroneura, 73
piva Roback, Sarcophaga, 91
pixi Ross, Polycnemus, 102
placoda Ross, Hydropsyche, 95
Plagiozathus, 62
syrtylocides Knight, 62
Polycentropus, 102-103
  alleni Yamamoto, 102
  altmani Yamamoto, 102
  barri Ross & Yamamoto, 102
  blickei Ross & Yamamoto, 102
  charlesi Ross, 102
  chelatus Ross & Yamamoto, 102
  chenoide Ross & Yamamoto, 102
  chilenis Yamamoto, 102
  clinei Milne, 102
  colei Ross, 102
  deltoides Yamamoto, 102
  dentoides Yamamoto, 102
  digitus Yamamoto, 102
  elarus Ross, 102
  elongatus Yamamoto, 102
  iculus Ross, 102
  laminatus Yamamoto, 102
  milaca Et nier, 102
  nascotius Ross, 102
  neiswanderi Ross, 102
  pentus Ross, 102
  picana Ross, 102
  pixi Ross, 102
  recurvatus Yamamoto, 102
  rickeri Yamamoto, 102
  robacki Yamamoto, 102
  rosarius Kingsolver, 102
  santiago Ross, 102
  spicatus Yamamoto, 102
  weedi Blickle & Morse, 103

Polygramma Halust, Coenocalpe, 105

Polymerus, 63
  illini Knight, 63

Polyneuma, 118
  citripes Ashmead, 118
  zetes Girault, 118

Polysericeus MacGillivray, Dolerus, 123

Polytrichia, 97
  anisca Ross, 97
  arva Ross, 97
  contorta Ross, 97
  eliaga Ross, 97
  logana Ross, 97
  lometa Ross, 97
  mono Ross, 97
  oregona Ross, 97
  shawnee Ross, 97
  spinosa Ross, 97
  stylata Ross, 97
  unio Ross, 97
  xena Ross, 97

Pomphilidae, 119

Pomphius, 119
  bequaerti Dreisbach, 119

Pomphilus, 119
  illinoensis Robertson, 119
  ponta Ross, Mayatrichia, 96

Pontania, 127
  daedala MacGillivray, 127
  decrepita MacGillivray, 127
  dedecora MacGillivray, 127
  demissa MacGillivray, 127
  derosa MacGillivray, 127
  destrica MacGillivray, 127

Polycentropodidae, 101-103

Platynotus, 102-103
  alleni Yamamoto, 102
  altmani Yamamoto, 102
  barri Ross & Yamamoto, 102
  blickei Ross & Yamamoto, 102
  charlesi Ross, 102
  chelatus Ross & Yamamoto, 102
  chenoide Ross & Yamamoto, 102
  chilenis Yamamoto, 102
  clinei Milne, 102
  colei Ross, 102
  deltoides Yamamoto, 102
  dentoides Yamamoto, 102
  digitus Yamamoto, 102
  elarus Ross, 102
  elongatus Yamamoto, 102
  iculus Ross, 102
  laminatus Yamamoto, 102
  milaca Et nier, 102
  nascotius Ross, 102
  neiswanderi Ross, 102
  pentus Ross, 102
  picana Ross, 102
  pixi Ross, 102
  recurvatus Yamamoto, 102
  rickeri Yamamoto, 102
  robacki Yamamoto, 102
  rosarius Kingsolver, 102
  santiago Ross, 102
  spicatus Yamamoto, 102
  weedi Blickle & Morse, 103

Polygramma Halust, Coenocalpe, 105

Polymerus, 63
  illini Knight, 63

Polyneuma, 118
  citripes Ashmead, 118
  zetes Girault, 118

Polysericeus MacGillivray, Dolerus, 123

Polytrichia, 97
  anisca Ross, 97
  arva Ross, 97
  contorta Ross, 97
  eliaga Ross, 97
  logana Ross, 97
  lometa Ross, 97
  mono Ross, 97
  oregona Ross, 97
  shawnee Ross, 97
  spinosa Ross, 97
  stylata Ross, 97
  unio Ross, 97
  xena Ross, 97

Pomphilidae, 119

Pomphius, 119
  bequaerti Dreisbach, 119

Pomphilus, 119
  illinoensis Robertson, 119
  ponta Ross, Mayatrichia, 96

Pontania, 127
  daedala MacGillivray, 127
  decrepita MacGillivray, 127
  dedecora MacGillivray, 127
  demissa MacGillivray, 127
  derosa MacGillivray, 127
  destrica MacGillivray, 127

Polycentropodidae, 101-103

Platynotus, 102-103
  alleni Yamamoto, 102
  altmani Yamamoto, 102
  barri Ross & Yamamoto, 102
  blickei Ross & Yamamoto, 102
  charlesi Ross, 102
  chelatus Ross & Yamamoto, 102
  chenoide Ross & Yamamoto, 102
  chilenis Yamamoto, 102
  clinei Milne, 102
  colei Ross, 102
  deltoides Yamamoto, 102
  dentoides Yamamoto, 102
  digitus Yamamoto, 102
  elarus Ross, 102
  elongatus Yamamoto, 102
  iculus Ross, 102
  laminatus Yamamoto, 102
  milaca Et nier, 102
  nascotius Ross, 102
  neiswanderi Ross, 102
  pentus Ross, 102
  picana Ross, 102
  pixi Ross, 102
  recurvatus Yamamoto, 102
  rickeri Yamamoto, 102
  robacki Yamamoto, 102
  rosarius Kingsolver, 102
  santiago Ross, 102
  spicatus Yamamoto, 102
  weedi Blickle & Morse, 103

Polygramma Halust, Coenocalpe, 105
devincta MacGillivray, 127
dotata MacGillivray, 121
mariana Ross, 127
peipiz Ross, 127
populicola Thomas, Chaitophorus, 64
populifoli Essig, Eichhoaitophorus, 64
porteri Ross, Oecetis, 98
porteri Schlinger, Ogcodes, 81
portola Ross, Empoasca, 67
potuentala MacGillivray, Strongylogastroidea, 128
prairiana DeLong, Flexamia, 75
pravus DeLong, Laevicephalus, 76
primativus MacGillivray, Strongylogastcer, 128
primus McDunnough, Campsaurus, 56
priniuqua Hepner, Erythoneura, 73
Proceca, 78
lecontei Wolcott, 78
Proiphorus, 127
acericalus MacGillivray, 127
modestius MacGillivray, 127
moratus MacGillivray, 127
munditus MacGillivray, 127
prisca Wulp, Phorbia, 82
Pristiphora, 127, 135
aphanta Wong & Ross, 133
hucksera Wong & Ross, 133
ostiaria MacGillivray, 127
paloma Wong & Ross, 135
valvangula Wong & Ross, 135
venetta Wong & Ross, 135
Pristola, 127
macnabi Ross, 127
Probezzia, 83-84
fulvithorax Malloch, 83
incerta Malloch, 83
infuscata Malloch, 83
obscura Malloch, 84
pallida Malloch, 84
proboscidalis Malloch, Neohylemyia, 82
Prodoxidae, 105
producta Robertson, Colletes, 112
productus Metcalf, Oceclus, 76
productus Robertson, Trypetes, 118
Profenua, 128
collaris MacGillivray, 128
projecta Frison, Capnia, 58
projecta Frison, Leuctra, 59
promota Frison, Capnia, 58
prosopa Stannard, Tenthredo, 129
Proopis, 113
eulophi Robertson, 113
flamipipes Robertson, 113
floridanus Robertson, 113
illinoisensis Robertson, 113
nelumbonis Robertson, 113
saniculae Robertson, 113
sayi Robertson, 113
thaspii Robertson, 113
ziae Robertson, 113
Prospalatella, 114
fasciativentris Girault, 114
fuscipennis Girault, 114
perspicuipennis Girault, 114
Protarrha, 101
peruviana Ross, 101
Protenthes, 86
claripennis Malloch, 86
riparius Malloch, 86
protera Ross, Hydroptila, 96
protis Ross, Hydroptyle, 95
Protomicroplitis, 112
garmani Ashmead, 112
Protopila, 93
alexanderi Ross, 93
balmorhea Ross, 93
cantha Ross, 93
coloma Ross, 93
erota Ross, 93
jeanea Ross, 93
lega Ross, 93
palina Ross, 93
thoracica Ross, 93
Prototaxus, 128
typicus Rohwer, 128
protuma Ross, Erythoneura, 73
provo Ross & Merkley, Tinodes, 105
pruniosa Robertson, Hyalomyia, 91
pruniosa Robertson, Phorantha, 91
pruninosus Robertson, Halictus, 116
pruni Robertson, Andrena, 107
Psamnotetix, 76
viridinervis Ross & Hamilton, 76
pseca Girault, Stephanodes, 119
Psectrocladius 86
vernalis Malloch, 86
Pselaphidae, 79-80
Pseudaglaura, 105
forbesi French, 105
Pseudalypia, 105
crotchii atrata Hy, Edwards, 105
Pseudisobrachium, 111
pusillum Evans, 111
psodobrassicae Davis, Aphis, 63
Pseudochironomus, 86
rex Hauber, 86
richardsoni Malloch, 86
Pseudoeleon, 56
myrms Burks, 56
veteris McDunnough, 56
Pseudoculicoides, 84
johanni Malloch, 84
major Malloch, 84
Pseudodineura, 128
rileda Smith, 128
Pseudodinia, 84
polita Malloch, 84
pseudoproducta Frison, Nemoura, 60
Pseudoselandria, 128
oxalata MacGillivray, 128
psodoviridis Malloch, Chironomus, 85
Psilotreia, 100
labida Ross, 100
psoralae Robertson, Anthidium, 117
Psychoglypha, 100
avage Ross, 100
ross Schmid, 100
Psychomyiella, 103
lumina Ross, 103
nomada Ross, 103
Psychomyiidae, 103
July 1980

WEBB: PRIMARY INSECT TYPES

Psyllidae, 77
Pteromalidae, 119
Pteromalus, 119
fulwipes Forbes, 119
gleichia Webser, 119
pallipes Forbes, 119
Pteronaricinae, 61
Pteronarcy s, 61
scotti Ricker, 61
shelfordi Frison, 61
Pteronidea, 128
esessa MacGillivray, 128
edita MacGillivray, 128
edura MacGillivray, 128
effeta MacGillivray, 128
effrenatus MacGillivray, 128
effusa MacGillivray, 128
geria MacGillivray, 128
eugatia MacGillivray, 128
elettra MacGillivray, 128
elecia MacGillivray, 128
emerita MacGillivray, 128
enavata MacGillivray, 128
equatia MacGillivray, 128
equina MacGillivray, 128
erratus MacGillivray, 128
erudita MacGillivray, 128
evanida MacGillivray, 128
exacta MacGillivray, 128
excessus MacGillivray, 128
Pterophoridae, 105
Ptilostomis, 101
semisata MacGillivray, 101
Ptoinagapus, 78
shapardi Sanderson, 78
Ptoiotaxonus, 128
typic MacRohwer, 128
puebla Baumann & Gaufin, Amphinemura, 60
puichella Hottes & Frison, Aphis, 63
puichella Robertson, Andrena, 107
puichella alba MacGillivray, Macrophya, 125
puichera Girault, Cristatithorax, 114
pulex Sanderson, Beyeria, 81
pulla Girault, Camptopoter, 118
pulla Smith, Monardis, 125
pullatus MacGillivray, Thrinax, 131
pulliciru Girault, Anaphoidea, 118
purnicasta Hepner, Erythroneura, 73
punctata MacGillivray, Macrophya, 125
punctata Robertson, Colletes, 112
punctata Robertson, Tiphia, 131
punctata intermedia Malloch, Tiphia, 131
punctatus Becker & Sanderson, Aphanis, 79
punctifere Malloch, Eupachea, 91
punctinota Michel, Lomachae, 118
punctulata Wulp, Coenosia, 89
pusillium Evans, Pseudosobrachium, 111
pusillus Hottes & Frison, Chaitophorus, 64
pynchantemi Robertson, Sphecodes, 117
Pycnolepces, 80
parki Wagner, 80
Pycnopsce, 100
agbonus Ross, 100
rossi Betten, 100
subfasciata Say, 100
Pyralidac, 105
Pyrausta, 105
caffreig Flint & Malloch, 105
pyroliac Forbes, Triozia, 77
pyrosum Ross, Glossosoma, 95
Q
quadratoides Hepner, Erythroneura, 73
quadrilineatus Forbes, Cicadaula, 75
quadripunctata Malloch, Aphiochaeta, 90
quadripunctatus Malloch, Chironomus, 85
quadruplicosa Malloch, Pegomyia, 82
quadrivittatum Malloch, Aphanosoma, 87
quadrosa Becker, Denticollis, 79
quadroasa Ross, Helicopsyche, 95
quercalbae Ross & DeLong, Erythroneura, 73
quercina Ross, Lepidostoma, 98
quercus futilis Osten Sacken, Cynips, 114
quercus majalis Basset, Cynips, 114
quercus mammula Basset, Cynips, 114
quercus punctata Basset, Cynips, 114
quercus singularis Basset, Cynips, 114
quinola Ross, Hydropsila, 96
quintii Robertson, Andrena, 107
R
rabida MacGillivray, Tenthredo, 129
rabils Milne, T ylocentropus, 102
rabiosa MacGillivray, Tenthredo, 129
rabula MacGillivray, Tenthredo, 129
racilia MacGillivray, Tenthredo, 129
Radema, 100
sorex Ross, 100
radiatus Say, Platycentropus, 100
radix DeLong & Mohr, Scaphioidea, 76
rallia MacGillivray, Tenthredo, 129
rangifer Ross & DeLong, Erythroneura, 73
ranier Milne, Farula, 99
ranota Webb, Stempellina, 86
ranunculi Robertson, Sphecodes, 117
raptor Girault, Muscidifurax, 119
rarius MacGillivray, Pachynematus, 126
ratclifficas Hepner, Erythroneura, 73
rayneri Ross, Lepidostoma, 98
rayneri Ross, Rhacophila, 104
recurvatus Yamamoto, Polycentropus, 102
reddina Ross, Empoasca, 67
redimaculata MacGillivray, Tenthredo, 129
reduvia MacGillivray, Tenthredo, 129
reedi Hepner, Erythroneura, 73
reflua MacGillivray, Tenthredo, 129
refractaria MacGillivray, Tenthredo, 130
refractarius MacGillivray, Pachynematus, 126
regula MacGillivray, Tenthredo, 130
Reichenbachia, 80
blandura Becker & Sanderson, 80
parki Becker & Sanderson, 80
reiteri Hepner, Erythroneura, 73
reliquia MacGillivray, Tenthredo, 130
remea MacGillivray, Tenthredo, 130
remissa MacGillivray, Tenthredo, 130
remissus MacGillivray, Pachynematus, 126
remita Bliickle, Hydroptila, 96
remora MacGillivray, Tenthredo, 130
remota MacGillivray, Tenthredo, 130
repanda hoosieri Mares, Cicindela, 78
repentinus MacGillivray, Unitaxonus, 131
reperta MacGillivray, Tenthredo, 130
repertus MacGillivray, Pachynematus, 126
repettita McAtee, Erythronoea, 75
replata MacGillivray, Tenthredo, 130
repieta MacGillivray, Tenthredo, 103
repoista MacGillivray, Tenthredo, 130
reputina MacGillivray, Tenthredo, 130
reputinella MacGillivray, Tenthredo, 130
requieta MacGillivray, Tenthredo, 130
resegnina MacGillivray, Tenthredo, 130
respectus MacGillivray, Rhogogastera, 128
respersus MacGillivray, Rhogogastera, 128
resticula MacGillivray, Tenthredo, 130
ristricata MacGillivray, Tenthredo, 130
resupina MacGillivray, Tenthredo, 130
reticientia MacGillivray, Tenthredo, 130
reticulatus Robertson, Halictus, 116
retenineta MacGillivray, Tenthredo, 130
retocta MacGillivray, Tenthredo, 130
retroversa MacGillivray, Tenthredo, 130
Reutneria, 63
platani Knight, 63
rex Hauber, Pseudechironomus, 86
Rhadine, 78
ozarkensis Sanderson & Miller, 78
Rhadinoceracea, 128
similata MacGillivray, 128
rhautoe Milne, Colpotaullius, 99
Rhagionidae, 91
rhamnisa MacGillivray, Tenthredo, 130
Rhapsium, 88
rossi Harmston & Knowlton, 88
rhino Ross, Lepidostoma, 98
Rhinoscopis, 80
bonita Becker & Sanderson, 80
Rhizobius, 65
spicatus Hart, 65
rhodedendronae Hepner, Erythronoea, 73
rhodia Edwards, Erebia, 105
Rhogogastera, 128
respectus MacGillivray, 128
respersus MacGillivray, 128
ruga MacGillivray, 128
Rhopalosiphum, 65
enigmata Hottes & Frison, 65
enigmata parvae Hottes & Frison, 65
tulipaem Thomas, 65
Rhyacophila, 103-104
amicis Ross, 103
banksi Ross, 103
belona Ross, 103
biarina Ross, 103
bruesi Milne & Milne, 103
ecosa Ross, 103
fenderi Ross, 103
fenestra Ross, 103
gemona Ross, 103
harmoni Ross, 103
inculta Ross & Spencer, 103
iranda Ross, 103
jigme Schmid, 103
kiamichi Ross, 103
laitiergum Davis, 103
ledra Ross, 103
malkini Ross, 103
manistee Ross, 103
melita Ross, 103
milnei Ross, 103
mycta Ross, 103
necratura Ross, 104
ophrys Ross, 104
oreia Ross, 104
oreta Ross, 104
panartra Ross, 104
pellisa Ross, 104
perda Ross, 104
perplana Ross, 104
phyrganea Ross, 104
rayneri Ross, 104
rickeri Ross, 104
teddyi Ross, 104
tucula Ross, 104
vacua Milne, 104
vaefes Milne, 104
vagrita Milne, 104
valuma Milne, 104
vao Milne, 104
vedra Milne, 104
vemna Milne, 104
vepulsa Milne, 104
verrula Milne, 104
vetina Milne, 104
vobo Milne, 104
viquaea Milne, 104
visora Milne, 104
voheara Milne, 104
vocala Milne, 104
volixa Milne, 104
vohnra Milne, 104
vu Milne, 104
vujuna Milne, 104
vuphipes Milne, 104
vuzana Milne, 104
willametta Ross, 104
Rhyacophilidae, 103-104
ribeiliam Davis, Macrosiphum, 64
richardsi Ross, Erythronoea, 73
richardsi Frison, Isoperla, 61
richardsi Malloch, Pseudechironomus, 86
rickeri Frison, Allocapnia, 58
rickeri James, Leuctra, 60
rickeri Milne, Neophylax, 100
rickeri Ross, Rhyacophila, 104
rickeri Ross & Unzicker, Micrasema, 92
rickeri Yarnamoto, Polycentropus, 102
riegeli Ross, Neorichia, 96
riesi Ross, Ochrotrichia, 96
rieda Smith, Pseudechironomus, 128
rileyi Ashmead, Andricus, 113
rima MacGillivray, Tenthredo, 130
Rimulincola, 81
divalis Sanderson, 81
Illinois Natural History Survey Bulletin
Vol. 32, Art 2

SANDERSONI, PARK, BATRISODAE, 79
SANDERSONI RICKER, ALLOCAPNIA, 58
SANDERSONI RICKER, ERYTHRONEURA, 73
SANDERSONI SMETANA, ANCYLOPHORUS, 80
SANDERSONI YAMAMOTO & RICKER, MYSTACIDAE, 98
SANGUINEARIUM HOTTS & FRISON, MACROSIPHUM, 65
SANGUINEA GIRAULT, WESTWOODELLA, 132
SANICULAE ROBERTSON, PROSOPIS, 113
SANTANUS RICKER, LIMNIPHILUS, 100
SANTIAGO RICKER, POLYCENTROPUS, 102
SAPLADORA RICKER, UTAPERLA, 59
SAPROMYZA, 88
AQUEALIS MALLOCH, 88
CILIIFERA MALLOCH, 88
CITREIFRONS MALLOCH, 88
FUSCIBASIS MALLOCH, 88
HARTI MALLOCH, 88
INAEQUALIS MALLOCH, 88
LITTORALIS MALLOCH, 88
NUBILIFERA MALLOCH, 88
SETICALA MALLOCH, 88
SIMILATA MALLOCH, 88
SARCOPHAGA, 91
PIVA ROBACK, 91
SARCOPHAGIDAE, 91
SARITI RICKER, LEUCOTRICHIA, 96
SARROTHRIPAWEED, APANTELES, 112
SATIRIDAE, 105
SAVAGE MCGILLIVRAY, TENTREDHO, 151
SAXATILE MORSER, SPHARAGEMON, 57
SAXATILIS MCNEILL, TRIMEROTROPIS, 57
SAXOSA CUNNINGHAM & RICKER, EMPHOASCA, 67
SAXOSA DELONG, POLYAMIA, 76
SAYI ROBERTSON, ANDRENA, 107
SAYI ROBERTSON, COELIOXYX, 117
SAYI ROBERTSON, NOMADA, 110
SAYI ROBERTSON, PROSOPIS, 113
SAYLOR SANDERSON, PHYLLOPHAGA, 80
SCALENARTHUS, 80
DEPRESSUS BECKER & SANDERSON, 80
FEMORALIS BECKER & SANDERSON, 80
OLANCHITUS BECKER & SANDERSON, 80
TURRUS BECKER & SANDERSON, 80
SCAMBOIDES CURRAN, PLATYCHEIRUS, 91
SCAPHOIDIUS, 76
CHELUS DELONG & BERRY, 76
CURVATUS DELONG & MOHR, 76
NIGRELLUS DELONG & MOHR, 76
RADIX DELONG & MOHR, 76
SCARABAEIDAE, 80
SCATOPHAGA, 82
GRIGEALIS MALLOCH, 82
SCATOPSIDAE, 91
SCELESTA MCGILLIVRAY, NEOPAREOPHORA, 126
SCHELIONIDAE, 120
SCLOEONOPHILA, 78
MANTECACADA SANDERSON, 78
SCENOPINIDAE, 91
SCENOPINUS, 91
NUBILIPES SAY, 91
SCHIZA RICKER, CHIMARRA, 101
SCHIZOCERUS, 111
JOHNSONI MCGILLIVRAY, 111

SCHIZONEURA, 65
PANICOLA THOMAS, 65
PINICOLA THOMAS, 65
SCHOENOMYZA, 90
AURIFRONS MCGILLIVRAY, 90
SCHUHI RICKER, GLOSSOSOMA, 93
SCHUSTER HEPNER, ERYTHRONEURA, 73
SCOBYENISIS HEPNER, ERYTHRONEURA, 73
SCOPULOS RICKER, HYDROPTILA, 96
SCOPULOSA MACGILLIVRAY, DIMORPHOPTERYX, 121
SCOTTI RICKER, PTERONYXARCYS, 61
SCOTTI RICKER, MICRASOMA, 92
SCRIPTUS MALLOCH, BORBORUS, 91
SCUDERI TEIXENSI HART, MELANPLUS, 57
SCUTELLARIS HEPNER, DIASTROPHUS, 114
SCUTELLARIS ROBERTSON, ANDRENA, 107
SCUTELLERIS INSOLITA MCATEE, ERYTHRONEURA, 75
SCYDMAENIDAE, 80
SYLLA MILNE, ECCLOISOMYA, 99
SEBRINGENISIS HEPNER, ERYTHRONEURA, 73
SECUNDUS BURKE, ONYCHYLIS, 78
SECUNDUS MCGILLIVRAY, TENTREDHO, 131
SCELERANDERI RICKER, HELICOSPYCHE, 93
SELANDRIA, 128
FLORIDANA MACGILLIVRAY, 128
URBIS RICKER, 128
SELIDOMESA, 105
ALBESCENS HULST, 105
SELINA BETTEN, BANKSIOI, 99
S ELOA SELANDER, NEMOGNATHA, 79
SEMATA RICKER, GOERTA, 93
SEMBLIDIS AURIVILLIUS, OPHRUTHORA, 132
SEMI FistASCA SAY, PILOSTOMIS, 101
SEMIFUSCIPENNIS GIRAULT, APHELINOIDEA, 132
SEMIVITTA MALLOCH, ALLOGNOTI, 88
SENSORIATA MASON, AMPHOROPHORA, 63
SEPIA THEW, ATALOPHLEBIA, 57
SEPTEMSPINOSA GILLETTE, EUCOILA, 114
SEQUAX TAU PHILIP, CHRYSPHYS, 91
SERICA, 80
ARKANSANA DAWSON, 80
SERICEUS SAY, DOLERUS, 123
SERICEUS SAY, LIMNIPHILUS, 100
SERICEUS CENTRALIS RICKER, DOLERUS, 123
SERICOSTOMA, 104
STANNARDI RICKER, 105
TETRON RICKER, 104
SERICOSTOMATIDAE, 104-105
SEROITHA RICKER, ANDRENA, 107
SERRATA RICKER, OXYTHaira, 97
SERRATUS DELONG, CHLOROTETTIX, 75
SERROMYZA, 84
CRASSIFEMORATA MALLOCH, 84
SERRULA DAVIDSON & DELONG, EMPOASCA, 67
SERUS MALLOCH, CHIRONOMUS, 85
SETARIA THOMAS, SIPHONOPHORA, 65
SECTOR RICKER, PACHYMENATUS, 127
SETHI HEPNER, ERYTHRONEURA, 73
SETICALA MALLOCH, SAPROMYZA, 88
SEIFERA WEBB, PANORPA, 81
SEITGER MALLOCH, NEOCIRIOISA, 82
SEITGERA MALLOCH, AMIOTA, 88
SETOSA RICKER, CHIMARRA, 101
SETULOSA MALLOCH, MADIRA, 87
venustoides Hart, 91
sinclaii neboni Hasbrouck, Acrolophus, 105
singularis Evans, Dissoiphalus, 111
singularis Hedges & Frison, Amphiophora, 63
sinosia Ross, Cerrotina, 102
sinusina Ross & Cunningham, Empoasca, 67
sionillii Hayes, Cosmocharis, 78
Siphenopora, 65-66
acerifoliae Thomas, 65
ambrosiae Thomas, 65
coreopsis Thomas, 65
euphorbiae Thomas, 65
euphorbicola Thomas, 65
heucherae Thomas, 65
minor Forbes, 65
salicicola Thomas, 66
setariae Thomas, 66
viticola Thomas, 66
Siricidae, 120
sisko Ross, Wormaldia, 101
Sisyridae, 77
slossonae MacGillivray, Polybates, 127
slossonii MacGillivray, Cricotopus, 85
slossonii MacGillivray, Tenthredo, 131
smeectica MacGillivray, Tenthredo, 131
Smicridae, 95
caldwelli Ross, 95
utico Ross, 95
smilacinae Robertson, Halictus, 116
smilacinae Robertson, Sphecodes, 117
smithae Ross, Pachymeratus, 127
smithi Ross, Erythoneura, 73
smithii Ross, Triaenodes, 99
smithii Ross & Ricker, Allocapnia, 58
snowi Hart, Odonomyma, 91
snowi raphus Freytag, Idiocerus, 77
sobrina Frison, Perloymia, 60
socia Wulp, Limnophora, 89
sodalia Ross & Spencer, Oxythreia, 97
solani Thomas, Megoura, 65
solex Ross, Hydropsyche, 95
solidaginis Girault, Aulacidea, 113
solidaginis Robertson, Andrea, 107
solidaginis Robertson, Calliopsis, 108
solitaria Frison, Perloymia, 60
sollisa Ross & DeLong, Typhlocyba, 75
solomoni Hepner, Erythoneura, 73
Somatichloria, 57
macrotoma Williamson, 57
sommermannae Ross, Lepidostoma, 98
sonani Frison, Bremus, 111
sonora Ross, Neotricia, 96
soliadora Ricker, Utaperla, 59
sordidata Girault, Anaphoidea, 118
sorex Ross, Radema, 100
sorghiiellus Forbes, Cocculus, 75
soror Davis, Phyllophaga, 80
sorota Hepner, Erythoneura, 74
spala Ross, Hoplocampa, 124
spala Ross & DeLong, Erythoneura, 74
sparna Ross, Hydropsyche, 95
sparsus Robertson, Chloralictus, 115
sparta MacGillivray, Hylotoma, 110
spathiophora Malloch, Fannia, 89
spatulata Ross, Chimarra, 101
spatulata Ross, Erythrones, 74
speciosa Hulst, Diasictis, 105
speciosa Robertson, Colletes, 112
speciosissimus Girault, Microterys, 114
spenceri Ricker, Isocapnia, 58
spenceri thujae Ricker, Isocapnia, 58
Sphecodes, 120
Sphecodes, 116-117
antennariae Robertson, 116
clematisis Robertson, 116
davissi Robertson, 116
heraclei Robertson, 117
minor Robertson, 117
pimpellaeae Robertson, 117
pycanthemi Robertson, 117
ranunculi Robertson, 117
smilacinae Robertson, 117
stegius Robertson, 117
Sphecodes, 117
cressonii Robertson, 117
Sphegina, 91
campanulata Robertson, 91
Sphenoporus, 79
minimus Hart, 79
Sphex, 119
harti Fernald, 119
sphyra Ross, Ecetis, 98
spicata Ross, Cernotina, 102
spicatum MacGillivray, Trichosoma, 112
spicatus Hart, Rhizobius, 65
spicatus Yamamoto, Polycentropus, 102
spiculata MacGillivray, Hylotoma, 110
spiculatus MacGillivray, Strongylogastroidea, 128
Spilocryptus, 112
melana Burks, 112
Spilocryptus, 117
canastiae Ashmead, 117
Spilogaster, 90
copiosa Wulp, 90
parvula Wulp, 90
rubripalpis Wulp, 90
signatipennis Wulp, 90
spiloma Ross, Leptocella, 98
spinae Ross, Brachycentrus, 92
spinata Blickle & Morse, Hydroptila, 96
spinifer Malloch, Chrysotus, 88
spinifera Frison, Hypcia, 115
spiniger Malloch, Botanobia, 87
spinigerellus Malloch, Pegomyia, 82
spinilamellata Malloch, Helina, 89
spinilamellata Malloch, Hylemyia, 82
spiniterma Hepner, Erythrones, 74
spinosa Robertson, Colletes, 112
spinosa Ross, Polytrichia, 97
spinuloides Cunningham & Ross, Empoasca, 67
spiraeana Robertson, Andrena, 107
spiritus Girault, Anagras, 118
splendidus Malloch, Gaurax, 87
sporax Ross, Pachynematus, 127
sprita Ross, Empoasca, 67
sprulesi Ross, Microterys, 92
squariger Hayes, Cosmobaris, 78
squamosa Hart, Geoica, 64
Stactobia, 97
brustria Ross, 97
delira Ross, 97
palmata Ross, 97
staffordi Hepner, Erythrones, 74
stannardi Hepner, Erythrones, 74
stannardi Ross, Allocaapnia, 58
stannardi Ross, Cernotina, 102
stannardi Ross, Sericostoma, 104
Staphylinidae, 80-81
starkvillensis Hepner, Erythrones, 74
stehri Ross, Leptocerus, 98
steinonematis Robertson, Macropis, 118
Stelidium, 118
trypetinum Robertson, 118
Stembellina, 86
leptocelloides Webb, 86
ranota Webb, 86
rodestia Webb, 86
Stenelmis, 79
antennalis Sanderson, 79
convexus Sanderson, 79
knobeli Sanderson, 79
parva Sanderson, 79
Stenonema, 57
areon Burks, 57
ares Burks, 57
lepton Burks, 57
meinti Burks, 57
Stenophylax, 100
indiana Ross, 100
Stenus, 81
rossi Sanderson, 81
vista Sanderson, 81
Stephanodes, 119
pscas Girault, 119
Sterictiphora, 111
apios Ross, 111
apios atrescens Ross, 111
Stethynium, 119
faunum Girault, 119
sicta Burks, Paraleptoleibicia, 57
stigmatus MacGillivray, Tenthredo, 151
stulus Ross, Neophylax, 100
stomachos Girault, Aphycus, 114
stoveri Ross & DeLong, Erythrones, 74
Stratiomyidae, 91
strepha Ross, Hydroptila, 96
striatus Malloch, Orthocladius, 86
stricklandi Ross, Hoplocampa, 124
stricklandi Ross, Tenthredella, 129
strictus Ross & Hamilton, Macuellus, 76
Strongylogaster, 128
annulosus cingelescens Ross, 128
pacificus MacGillivray, 128
primativus MacGillivray, 128
rufoculus MacGillivray, 128
Strongylogastroidea, 128
confusa MacGillivray, 128
depressata MacGillivray, 128
potulenta MacGillivray, 128
rufinerv MacGillivray, 128
rufocintana MacGillivray, 128
rufocinctella MacGillivray, 128
rufula MacGillivray, 128
shermanni MacGillivray, 128
spiculatus MacGillivray, 128
unicinctella MacGillivray, 128
Strongylocoris, 63
mohri Knight, 63
strophiis Ross, Lepidostoma, 98
Strobpopteryx, 61-62
appalachia Ricker, 61
arkanae Ricker, 61
cucullata Frison, 61
inaya Ricker, 62
osta Ricker, 62
strophicylis Robertson, Megachile, 118
strotus Ross, Dolophilus, 101
stgnus MacGillivray, Dolerus, 123
Strumigenys, 115
jamaicensis Brown, 115
talpa Weber, 115
stygias Robertson, Sphecodes, 117
stylata Banks Nemoura, 60
stylata Ross, Goera, 93
stylata Ross, Polythricia, 97
styloformis Cunningham & Ross, Empoasca, 67
styraxae Hepner, Erythoneura, 74
subaequalis Malloch, Chironomus, 85
subangulata Malloch, Agromyzza, 81
subdistensus Malloch, Campptocladius, 84
subfasciata Say, Pycnopsyche, 100
subfuscus Malloch, Phaonius, 90
subgrisea Malloch, Pegomyia, 82
subimpunctatus Malloch, Euschistus, 63
subparallellus, Orthocladius, 86
substriatella Malloch, Hylemyia, 82
subvarians Banks, Perla, 60
subvires Malloch, Agromyzza, 81
sulfurana Stannard, Periclista, 127
superba Hy. Edwards, Heterocampa, 105
swannanoa Ross, Lepidostoma, 98
sylvatica Sanderson, Phyllophaga, 80
sylvicola lutzi Frison, Bremus, 111
sylvicola sculleni Frison, Bremus, 112
syrticolae Knight, Plagiognathus, 62
Syndobius, 66
salicicorricis Essig, 66
Sympherta, 105
julia Hulst, 105
Symydoebius, 66
agrophirole Essig, 66
Syneragrus, 114
magnum Gillette, 114
villolus Gillette, 114
Synhalonia, 110
attriventris fuscipes Robertson, 110
illinoensis Robertson, 110
rosae Robertson, 110
Syphidae, 91
Syrophus, 91
canadensis Curran, 91
oronoensis Metcalf, 91
syrticola Knight, Plagiognathus, 62

Tabanidae, 91
tabanivirus Ashmead, Phanurus, 120
Tachinidae, 91-92
Tachydromia, 88
harti Malloch, 88
tenia Ross, Triaenodes, 99
teniata Ross, Cernotina, 102
Taeniopyrgyridae, 61-62
Teneiropertyx, 62
burski Ricker & Ross, 62
kincatid Hoppe, 62
lita Frison, 62
ionicera Ricker & Ross, 62
metequi Ricker & Ross, 62
ugola Ricker & Ross, 62
taho Ross, Agapetus, 95
taloga Ross, Linnephiulus, 100
talpa Weber, Strumigenys, 115
tamalpa Ricker, Alloperla, 59
tammina Ross & DeLong, Erythoneura, 74
tana Ross, Hydropsyche, 95
Tanytarsus, 86-87
decoloratus Malloch, 86
illinoensis Malloch, 86
inconspicuus Malloch, 86
marginellus Malloch, 86
neopunctipennis Sublette, 86
Tanytarsus, 86-87
confusus Malloch, 86
dubius Malloch, 86
flavicauda Malloch, 87
neoflavelulus Malloch, 87
politus Malloch, 87
similatus Malloch, 87
tibialis Webb, 87
trilobus Webb, 87
viridiventris Malloch, 87
tapuske Hottes & Frison, Macrosiphum, 65
taraeniensis Penny, Bittacus, 81
tardae Hottes & Frison, Macrosiphum, 65
tartareus Hottes & Frison, Pemphigus, 65
tavara Ross, Leptocella, 98
taxifolia Swain, Lachnus, 64
taxodii Knight, Orthotylus, 62
taxodii Knight, Parthenicus, 62
taxodii Knight, Pilophorus, 62
Taxonurus, 128-129
borealis MacGillivray, 128
inclinatus MacGillivray, 129
innominitas MacGillivray, 129
tecpatana Ross & Cunningham, Empoasca, 67
tectus MacGillivray, Dolerus, 123
teddyi Ross, Rhyacophilus, 104
Telamona, 77
irotrata Goding, 77
telus DeLong & Hershberger, Idiocerus, 77
Tennemstoma, 91
 trifasciata Robertson, 91
tenebra Parfin & Gurney, Climacia, 77
Tenebrionidae, 81
teneris Ross & Cunningham, Empoasca, 67
tenilla Ross & DeLong, Erythoneura, 74
tenessa Ross & Ricker, Allocapnia, 58
tentans pallidivittatus Malloch, Chironomus, 85

Tenthredella, 129
glacialis Ross, 129
stricklandi Ross, 129
tricolor savanna Ross, 129

Tenthredinidae, 120-131, 133

Tenthredo, 129-131

eaqualis MacGillivray, 129
aldrichii MacGillivray, 129
alphius MacGillivray, 129
ataracostus MacGillivray, 129
atrvavenus MacGillivray, 129
bilineatus MacGillivray, 129
capitatus MacGillivray, 129
causatus MacGillivray, 129
dubitatus MacGillivray, 129
fernaldii MacGillivray, 129
hyalinus MacGillivray, 129
junghanssi MacGillivray, 129
lateralibus MacGillivray, 129
limipes MacGillivray, 129
lunatus MacGillivray, 129
magnatus MacGillivray, 129
mexica MacGillivray, 129
neoslossoni MacGillivray, 129
nigricoxi MacGillivray, 129
nigritestac MacGillivray, 129
nigrofuscida MacGillivray, 129
nigrifascia MacGillivray, 129
nigritibiules MacGillivray, 129
novus MacGillivray, 129
obliquatus MacGillivray, 129
olivipes MacGillivray, 129
pallicola MacGillivray, 129
pellipictus MacGillivray, 129
pellipunctus MacGillivray, 129
perplexus MacGillivray, 129
protopa Stannard, 129
rabida MacGillivray, 129
rabiosa MacGillivray, 129
rabula MacGillivray, 129
racilia MacGillivray, 129
ralla MacGillivray, 129
redimacula MacGillivray, 129
reduvia MacGillivray, 129
reflu MacGillivray, 129
retractaria MacGillivray, 130
refuga MacGillivray, 130
regula MacGillivray, 130
reliquia MacGillivray, 130
remea MacGillivray, 130
remissa MacGillivray, 130
remora MacGillivray, 130
remota MacGillivray, 130
reperta MacGillivray, 130
replata MacGillivray, 130
repleta MacGillivray, 130
reposita MacGillivray, 130
reputina MacGillivray, 130
reputinella MacGillivray, 130
requieta MacGillivray, 130
resegenina MacGillivray, 130
resima MacGillivray, 130
resticula MacGillivray, 130
restricta MacGillivray, 130
resupina MacGillivray, 130
reticentia MacGillivray, 130
retentia MacGillivray, 130
retosta MacGillivray, 130
retroversa MacGillivray, 130
rhamnista MacGillivray, 130
rima MacGillivray, 130
ripula MacGillivray, 130
rota MacGillivray, 130
rubicunda MacGillivray, 130
rubrica MacGillivray, 130
rubricosa MacGillivray, 130
rubripes MacGillivray, 130
rubrisomnus MacGillivray, 130
rudicula MacGillivray, 130
rufignagmus MacGillivray, 130
ruina MacGillivray, 130
ruinoso MacGillivray, 130
ruma MacGillivray, 130
rumina MacGillivray, 130
rugicosta MacGillivray, 131
russa MacGillivray, 131
rusta MacGillivray, 131
rusticana MacGillivray, 131
rusticula MacGillivray, 131
ruta MacGillivray, 131
rutata MacGillivray, 131
rutila MacGillivray, 131
savage MacGillivray, 131
secundus MacGillivray, 131
sicatus MacGillivray, 131
simulatus MacGillivray, 131
slossonii MacGillivray, 131
smectic MacGillivray, 131
stigmaticus MacGillivray, 131
terminatus MacGillivray, 131
ventricus MacGillivray, 131
yuasi MacGillivray, 131

Tenthredopsis, 131

ruficorn MacGillivray, 131
tenuiacaudatus Malloch, Chironomus, 85
tenuicornis Malloch, Heteromyia, 85
teratis Weed, Limnetria, 117
teratina MacGillivray, Tenthredo, 131
terna Frison, Chloroperla, 59
terrella Hottes & Frison, Plocamaphis, 65
terrella severini Frison, Bremus, 112
teshi Hepner, Erythronura, 74
testaceus Robertson, Halicuts, 116
tetraharda Malloch, Limnothora, 89

Tetrameris, 90

brevicornis Malloch, 90
Tetristichus, 114-115
anthophilius Burks, 114
caeulescens Ashmead, 114
carinatus Forbes, 115
cormus Burks, 115
hesperius Burks, 115
tetron Ross, Sericostoma, 104

Tettigonia, 77

hartii Ball, 77
similis Woodworth, 77

Tettigoniiellidae, 77

texanus Metcalf, Oliarius, 76
Webb: Primary Insect Types

July 1980

texas Ross, Hoplocampa, 124
texensis Malloch, Phaonia, 90
texensis Malloch, Tiphia, 132
thalia Ricker, Alloperla, 59
thaspis Robertson, Prosopis, 113
Thioppyche, 98
corona Ross, 98
epine Ross, 98
Thia, 105
extranea Hy. Edwards, 105
Thienemanniella, 87
mallochi Sublette, 87
thomasi Hotte & Frison, Myzus, 65
Thomasia, 66
crucus Essig, 66
Thoracapsis, 66
umbellariae Essig, 66
thoracica Ross, Protoptila, 93
thorus Ross, Limnephilus, 100
Thraulodes, 57
daidaleus Thew, 57
traverae Thew, 57
Thrinax, 131
pullatus MacGillivray, 151
Thripsaphis, 96
hottesi Frison & Ross, 66
Thyanta, 63
elegana Malloch, 63
Thysanoptera, 77
Thysanura, 56
tribalis Webb, Tanytarsus, 87
tietzi Ross & DeLong, Erythroneura, 74
thia*Ricker, Nemoura, 60
Tinodes, 103
multispinosa Schmid, 103
provo Ross & Merkley, 103
sigidona Ross & Merkley, 103
Tiphia, 131-132
affinis Malloch, 131
arida Malloch, 151
atterrima Malloch, 151
clypeata Robertson, 131
conformis Malloch, 131
floridana Robertson, 131
ilinoensis Robertson, 131
inaequinata Malloch, 131
punctata Robertson, 131
punctata intermedia Malloch, 131
robertsoni Malloch, 131
rugulosa Malloch, 132
similis Malloch, 132
texensis Malloch, 132
tuberculata Malloch, 132
vulgaris Robertson, 132
Tiphidae, 131-132
Tipula, 92
mallochi Alexander, 92
Tipuidae, 92
tokula Hoppe, Isoperla, 61
tomanekii Hepner, Erythroneura, 74
tomentosae Hepner, Erythroneura, 74
Tomostethus, 131
nortonii MacGillivray, 131
tomus Ross, Agapetus, 95
torcerus Becker & Sanderson, Arthmius, 79
torus Becker & Sanderson, Scalenarthrus, 80
tortilipennis Brigham, Haliplus, 79
tortosa Ross, Hydrotila, 96
tortosa Ross & DeLong, Typhlocyba, 75
torulos LaBerge, Andrena, 107
tostonus Ricker, Isogenus, 61
townesi Ricker, Alloperla, 59
Trachandrena, 108
obscura Robertson, 108
transversa MacGillivray, Pamphilius, 119
transversalis Wulp, Hydrophoria, 82
transversus MacGillivray, Monophasmus, 126
trapezodes Becker & Sanderson, Bythinoplectus, 79
trapoiza Ross, Ochrotrichia, 96
traverae Thew, Thraulodes, 57
Triaenodes, 98-99
aba Milne, 98
baris Ross, 98
connata Ross, 98
dipsia Ross, 98
florida Ross, 99
furcella Ross, 99
melaca Ross, 99
nox Ross, 99
perna Ross, 99
phalacris Ross, 99
smithi Ross, 99
tenia Ross, 99
tridonta Ross, 99
triangularis DeLong, Cloanthanus, 75
tribatum Kissinger, Apion, 78
Trichaporus, 115
aeneoviridis Girault, 115
Trichiocampus, 131
pacificus MacGillivray, 131
paetulus MacGillivray, 131
palliolatus MacGillivray, 131
patchiae MacGillivray, 131
Trichiosoma, 112
confundum MacGillivray, 112
confusum MacGillivray, 112
spicatum MacGillivray, 112
Trichogrammatidae, 132
Trichoptera, 92-105
ticolor savanna Ross, Tenthredella, 129
Tricorythodes, 56
peridius Burks, 56
trictura Hoppe, Perla, 60
Tricyphus, 117
ater Hopper, 117
tridentiformis Hepner, Erythroneura, 74
tridens Robertson, Andrena, 107
tridonta Ross, Triaenodes, 99
Triepoeus, 110
micropygius Robertson, 110
minimum Robertson, 110
simplex Robertson, 110
trifasciata Robertson, Temnostoma, 91
trifoli Forbes, Coccus, 75
trilobus Webb, Tanytarsus, 87
trimaculata LaBerge, Andrena, 107
Trimerotropis, 57
saxatilis McNeill, 57
trinodis Robertson, Melissodes, 109
trinotatus Melander, Nemotetis, 91
Triozoa, 77
\textit{pyrificoliae} Forbes, 77
\textit{tripunctata} Wulp, Muscina, 89
\textit{trisyliubus} sinannula Ross, Macrophyia, 125
\textit{Triinertiis}, 119
hemerocampae Girault, 119
trochateratus Malloch, Cnemedon, 91
Trogas, 117
\textit{bolteri} Cresson, 117
troza Ross & DeLong, Typhlocyba, 75
truncata Frison, Isoperla, 61
truncata Rohwer, Macrophyia, 125
\textit{truncata} Ros, Helicopsychae, 94
\textit{truncatum} Becker & Sanderson, Decarthron, 80
\textit{truncatus Metcalf, Myndus, 76}
\textit{truncatus} Robertson, Haliclus, 116
\textit{truncona Ross, Cernotina, 102}
\textit{truncatum} Robertson, Hetridium, 118
Trypetes, 118
\textit{barbatus} Robertson, 118
\textit{productus} Robertson, 118
Trypherus, 78
frisoni Fender, 78
\textit{pauperculus} Fender, 78
tsaratanae Ross, Paulianodes, 101
tsucia Ross, Chimarra, 101
tsudia Ross, Electragapetus, 93
tuberculata Frison, Nemoura, 60
tuberculata Malloch, Helina, 89
tuberculata Malloch, Tiphia, 132
tucula Ross, Rhyacophila, 104
tulipae Thomas, Rholoposisphum, 65
tumana Ricker, Nemoura, 60
tura Ross & DeLong, Erythroneura, 74
turoides Hepner, Erythroneura, 74
tusculum Ross, Hydroptila, 96
Tychea, 66
\textit{brevicornis} Hart, 66
\textit{trigerconensis} Thomas, 66
Typhlocyba, 74-75
\textit{antigone} McAtee, 74
\textit{appendiculata} Malloch, 75
athene McAtee, 75
escana Ross & DeLong, 75
nicaretce McAtee, 75
\textit{phryne} McAtee, 75
\textit{piscator} McAtee, 75
\textit{rubriocellata} Malloch, 75
\textit{rubriocellata clara} McAtee, 75
\textit{sollisa} Ross & DeLong, 75
tortosa Ross & DeLong, 75
troza Ross & DeLong, 75
typica Rohwer, Claremontia, 121
\textit{typicella} MacGillivray, Blennocampa, 121
\textit{typicus} Rohwer, Prototaxonias, 128

\textbf{U}
ugola Ricker & Ross, Taeniopteryx, 62
\textit{ulmalatae} Ross & DeLong, Erythroneura, 74
\textit{ulmarubrae} Hepner, Erythroneura, 74
ulmeri Ross, Agapetus, 93
ulmeri Ross, Atopsychae, 103
Ulmeritus, 57
\textit{adustus} Thew, 57
\textit{balteatus} Thew, 57
\textit{patagiatus} Thew, 57
ulmi Johnson, Aspidiotus, 75
ulmosa Ross & DeLong, Erythroneura, 74
umbellatus Hamilton, Paraphlepsius, 76
umbellulariae Essig, Thoracaphie, 66
umpqua Frison, Capnia, 58
unatalus MacGillivray, Pamphilius, 119
unciera Ross, Cernotina, 102
uncus Ross, Nyctiophylas, 102
unica Malloch, Emnesomyia, 81
unicinctella MacGillivray, Strongylogastroidea, 128
unicolor Beauvois, Dolerus, 123
unicolor Hart, Mesochlora, 57
uniforma Hepner, Erythroneura, 74
uniformis Malloch, Hydrophoria, 82
unio Ross, Polytrichia, 97
Unitaxonus, 151
\textit{repentinus} MacGillivray, 151
\textit{rumicis} MacGillivray, 151
\textit{universus} MacGillivray, Allantus, 120
unzickeri Ross & Yamamoto, Alloperla, 58
urbana Slabaugh, Cenolepsia, 56
urbis Ross, Selandria, 128
Urios, 119
\textit{vestali} Girault, 119
Urocerus, 120
\textit{indecisus} MacGillivray, 120
\textit{riparius} MacGillivray, 120
uricae Moore & Ross, Macrosteles, 76
uricae Ricker, Alloperla, 59
usa Ricker, Alloperla, 59
utahensis Knowlton, Durocapillata, 64
utahensis Ross, Chimarra, 101
Utaperlia, 59
\textit{soplodara} Ricker, 59
\textit{utinae} Ross, Smicridea, 95
\textit{uvalo} Ross, Atripinodes, 98
\textit{uvator} Ross, Pachynematus, 127

\textbf{V}
vacalus MacGillivray, Amauronematus, 120
vaccius MacGillivray, Amauronematus, 120
vaccua Milne, Rhyacophila, 104
vaefes Milne, Rhyacophila, 104
vagabunda Walsh, Mordwilkoja, 65
vagans Ross, Sialis, 77
vagans helenae Frison, Bremus, 112
vagrina Milne, Rhyacophila, 104
vala Ross, Hydroptila, 96
valanis Ross, Hydropsyce, 95
valentinei Kissinger, Apion, 78
valerius MacGillivray, Amauronematus, 120
valuma Milne, Rhyacophila, 104
valvangula Wong & Ross, Pristiphora, 155
vanduzi Schauber, Lachnis, 64
vanus MacGillivray, Amauronematus, 120
vao Milne, Rhyacophila, 104
variabilis Robertson, Melissodes, 110
varicornis Girault, Apophilus, 114
variomaculatus Brigham, Hallplus, 79
varius DeLong, Cloanthus, 75
varius festa Ross, Macrophya, 125
varius nordica Ross, Macrophya, 125
varshava Ricker, Nemoura, 60
vartyi Hepner, Erythronoea, 74
vateria Ross, Atopsyche, 105
vedderensis Ricker, Eucapnpopsis, 58
vedra Milne, Rhycapholia, 104
velata Ross, Sialis, 77
velona Ross, Glossosoma, 93
velox Ross, Erythronoea, 74
velutina Ross, Empoasca, 67
velutinae Hepner, Erythronoea, 74
evna Milne, Rhycapholia, 104
venada Ross, Hydropsyche, 95
venaeuscae Davis, Macrosiphum, 65
venatta Wong & Ross, Pristiphora, 133
veneficus MacGillivray, Amauronematus, 120
venerandus MacGillivray, Amauronematus, 120
venosa Banks, Capnura, 58
ventosus MacGillivray, Amauronematus, 120
ventralis Banks, Isoperla, 61
ventricus MacGillivray, Tenthredo, 151
ventura Ross, Hydropsyche, 95
venustoides Hart, Simulium, 91
vepsula Milne, Rhycapholia, 104
vera Hepner, Erythronoea, 74
verbosus MacGillivray, Amauronematus, 120
verdana Ross & DeLong, Erythronoea, 74
verdia Ross & Moore, Empoasca, 67
verdona Ross, Glossosoma, 93
vergelana Ross, Helicopsyche, 94
veridicus MacGillivray, Amauronematus, 120
verna Ross, Oxyethira, 97
veranis Malloch, Psectrocladius, 86
vernoniae Robertson, Melissodes, 110
vernoniae Thomas, Aphis, 63
vernomana Robertson, Melissodes, 110
verosa Ross, Lepidostoma, 98
verula Milne, Rhycapholia, 104
versatus Robertson, Chloralictus, 115
versicolor Girault, Encarsia, 114
vescus MacGillivray, Amauronematus, 120
vescula Bassett, Cynips, 114
vespidae, 132
vestalis Girault, Urios, 119
vetesri 'McDunnough, Pseudocloeon, 56
vetina Milne, Rhycapholia, 104
vexa Ross, Hydropsyche, 95
viator Edwards, Poanes, 105
vibox Milne, Rhycapholia, 104
vibrans Ross, Neotrichia, 96
vibrissata Malloch, Lonchaea, 88
viburni Robertson, Nomada, 110
viciformis Robertson, Andrena, 107
viercki MacGillivray, Platyccampus, 127
vierii Hepner, Erythronoea, 74
villosus Gillette, Synergus, 114
vinsoni Hepner Erythronoea, 74
volae Robertson, Andrena, 107
viqua Milne, Rhycapholia, 104
vireo Ross, Agapetus, 93
virgata Ross, Hydropsyta, 96
virginiana Frison, Allocapnia, 58
viridinervis Ross & Hamilton, Psammotettix, 76
viridiventris Malloch, Tanytarsus, 87
visendus MacGillivray, Amauronematus, 120
visendus Woolridge, Eulimnichus, 133
visor Milne, Rhycapholia, 104
vista Sanderson, Stenus, 81
viticola Thomas, Siphonophora, 66
vittata Metcalfe, Bruchomorpha, 76
vittatum Thew, Deleatidium, 57
velatus Metcalfe, Oltars, 76
vobara Milne, Rhycapholia, 104
vocala Milne, Rhycapholia, 104
vofika Milne, Rhycapholia, 104
voibra Milne, Rhycapholia, 104
volenta Ross, Chimarra, 101
vostoki Ricker, Alloperla, 59
vu Milne, Rhycapholia, 104
vujiana Milne, Rhycapholia, 104
vulgaris Hepner, Erythronoea, 74
vulgaris Robertson, Tiphia, 132
vuphipes Milne, Rhycapholia, 104
vuzana Milne, Rhycapholia, 104

W

wachita Ricker & Ross, Zealeuctra, 60
dalkerii Ricker, Arcynopteryx, 61
wandia Ross, Dolerus, 125
wandae Hepner, Erythronoea, 74
wanica Frison, Capnina, 58
wanica Hottes & Frison, Saltus aphus, 65
warreni Ricker & Ross, Zealeuctra, 60
warreni Ross, Neodiprion, 114
warreni Ross, & Yamamoto, Allocapnia, 58
waskesia Ross, Hydrophil, 96
wataca Ross, Micrasema, 92
watertoni Ricker, Arcynopteryx, 61
weberi Ricker, Nemoura, 60
weedleae Ross, Orthotrictia, 96
weedi Bickle & Morse, Polycentropus, 105
weemsi Hepner, Erythronoea, 74
wellesleynana Robertson, Parandrena, 108
wenatche Ross & Spencer, Glossosoma, 93
werneri Ross, Neodiprion, 114
westwoodella, 132
clarimaculosa Girault, 132
sanguinea Girault, 132
wetzelii Ross, Athripsodes, 98
wheeleri Melander, Nemotelus, 91
whitcombi Hepner, Erythronoea, 74
whittakeri Fender, Malthodes, 78
whitii Hepner, Erythronoea, 74
willamette Hepner, Erythronoea, 74
willamette Robertson, Mesochorus, 114
willistoni Robertson, Colletes, 112
wilsoni Hepner, Erythronoea, 74
winslowensis Hepner, Erythronoea, 74

Winthemia, 91-92
 illinoensis Robertson, 91
imitator Reinhard, 92
visei Hepner, Erythronoea, 74
wisteriae Moore, Lopidea, 62
wiyguli Hepner, Erythronoea, 74
wojcickyi Blickle, Ochrotrichia, 96  
wolcottensis Hepner, Erythroneura, 74  
wolffi nubilus McAtee, Otiocerus, 76  
woodruffi Hepner, Erythroneura, 74

Wormaldia, 101  
  dampfi Ross & King, 101  
  dorsata Ross & King, 101  
  endonima Ross & King, 101  
  esperonis Ross & King, 101  
  planae Ross & King, 101  
  sisko Ross, 101  
  planae Ross & King, 101  
  sisko Ross, 101

woytkowskii Ross, Helicopsyche, 94

Xanthidium, 110  
  dentariae Robertson, 110  
  xanthus Hamilton & Ross, Auridius, 75  
  xella Ross, Hydroptila, 96  
  xena Ross, Polytrichia, 97  

Xenochalepus, 78  
  mundulus Sanderson, 78

Xenoglossa, 110  
  ipomoeae Robertson, 110

Xenomydidae, 90  
  buccata Malloch, 90  
  xera Ross, Hydroptila, 96  
  xiphocentreon, 103  
  mexico Ross, 103

Xiphopinidae, 132  
  polia Smith, 132  
  xiphidridae, 132  
  xonclia Ross, Hydroptila, 96

Xyela, 132  
  deserti Burdick, 132  
  intrabilis MacGillivray, 152  
  linsleyi Burdick, 132

Xylecia, 132  
  nearctica Ross, 132

Xyelidae, 132

Xylomyia, 92  
  pallidifemur Malloch, 92  
  Xylomyidae, 92  
  Xylophagidae, 92

Y

yagualae Becker & Sanderson, Decarthron, 80  
yakimae Hoppe, Perla, 60  
youngi Hepner, Erythroneura, 74  
ypsilone Forbes, Biston, 105  
yuasi MacGillivray, Emphyus, 123  
yuasi MacGillivray, Tenthredo, 151

Z

Zagrommosoma, 115  
  multinieata punicea Girault, 115  
zanclana Ross, Cerotina, 102  
zapoides Ross, Empoasca, 67  
zayasi Sanderson, Paederus, 81

Zeauleuctra, 60  
  arnoldi Ricker & Ross, 60  
  fraxina Ricker & Ross, 60  
  hitei Ricker & Ross, 60  
  warreni Ricker & Ross, 60  
  zekia Ross, Allocapnia, 58  
  zelona Ricker, Brachyptera, 61  
  zendalooides Robertson, Odynerus, 132  
  zephyr Ross & DeLong, Erythroneura, 74  
  zerania Ross, Oxyethira, 97  
  zeta Girault, Polynmea, 118  
  zilora Hottes & Frison, Aphis, 63  
  zincla Hottes & Frison, Macrosiphum, 65  
  zion Ross, Cheumatopsycha, 94  
  zipha Frison, Peltoperla, 60  
  ziziae Robertson, Andrena, 107  
  ziziae Robertson, Prosopis, 113  
  Zion, 88  
  palpalis Robertson, 88  
  zola Ricker, Allocapnia, 58  
  Zophodia, 105  
  epischnioides Hulst, 105  
  Zygomyia, 90  
  interrupta Malloch, 90  
  Zygoneura, 82  
  fenestrata Malloch, 82
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