

STATE OF ILLINOIS
DEPARTMENT OF REGISTRATION AND EDUCATION
DIVISION OF THE
NATURAL HISTORY SURVEY
STEPHEN A. FORBES, *Chief*

Vol. XVI.

BULLETIN

Article IV.

A List of the Insect Types in the Collections
of the Illinois State Natural History
Survey and the University of Illinois

BY

THEODORE H. FRISON



PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS

URBANA, ILLINOIS

February, 1927

BULLETIN OF THE ILLINOIS STATE NATURAL
HISTORY SURVEY,

VOL. XVI, ART. IV.

ERRATA

Page 138, line 10 and line 14 from bottom, for *Dane* read *Dann*.

Page 139, line 5, for *Dane* read *Dann*.

Page 180, line 5 from bottom, delete *D*.

Page 198, line 19 from bottom, for *March* read *March 16, 1918*.

Page 221, line 22, for *data* read *date*.

Page 278, lines 17 and 18 from bottom in right-hand column, for *150* read *158*.

Page 285, line 24 in left-hand column, for *Franch* read *French*.

STATE OF ILLINOIS
DEPARTMENT OF REGISTRATION AND EDUCATION
A. M. SHELTON, *Director*

BOARD OF
NATURAL RESOURCES AND CONSERVATION

A. M. SHELTON, *Chairman*

WILLIAM TRELEASE, *Biology*
HENRY C. COWLES, *Forestry*
EDSON S. BASTIN, *Geology*
WILLIAM A. NOYES, *Chemistry*

JOHN W. ALVORD, *Engineering*
KENDRIC C. BABCOCK, *Representing the
President of the University of Illi-
nois*

THE NATURAL HISTORY SURVEY DIVISION

STEPHEN A. FORBES, *Chief*



SCHNEPP & BARNES, PRINTERS
SPRINGFIELD, ILL.

1927

59061—800

CONTENTS

	PAGE
Introduction	137
Types in the Collection of the Illinois State Natural History Survey.....	142
Types in the Andreas Bolter Collection of Insects (Natural History Museum, University of Illinois).....	232
Types in the A. D. MacGillivray Collection of Tenthredinoidea (Depart- ment of Entomology, University of Illinois).....	234
Appendix	269
Index	271

ARTICLE IV.—*A List of the Insect Types in the Collections of the Illinois State Natural History Survey and the University of Illinois.* BY THEODORE H. FRISON, Illinois State Natural History Survey.

INTRODUCTION

The ever-increasing requests by technical workers in the field of entomology for information concerning the insect types in the collections of the Illinois State Natural History Survey and the University of Illinois have led to the preparation of this paper. The reasons for such requests are readily apparent to any one acquainted with the problems and difficulties today confronting the scientific investigator in the fields of taxonomy and nomenclature. The enormous number of insects already described, comprising a total far in excess of the number of all other known kinds of animals, is augmented each year by the recognition and description of hundreds of species new to science. This multiplicity of kinds of insects has greatly increased the difficulty of their classification and brought to light many problems whose best solution rests upon a restudy of the actual type specimens—the specimens used by the author of a species in formulating the original description.

Thus it happens that at the present time the types of insects have come to possess a great practical value as well as a historical significance. A complete realization of the value of exacting type-designations and the proper labeling and preservation of the types did not come to most of the earlier entomologists. In fact, it is only within comparatively recent years that much emphasis has been placed upon exacting type-designations, disposition of types, full data concerning locality, date of capture of specimens and the many other facts now commonly added to the original description of a new species.

It was but natural, then, that when the task was undertaken of listing, locating, labeling and isolating the types in the collections here to insure their safety, no uniformity of type designations was found in the material. Various workers can be accredited for the numerous types, some described at an early date and others comparatively recently. To meet this situation the writer undertook the selection of lectotypes wherever this was deemed necessary or advisable. This procedure is in line, although not specifically covered, by that recommendation of the International Rules of Zoological Nomenclature suggesting that "only one specimen be designated and labeled as *type*". Furthermore, it makes paratypic material available for exchange and for loan to specialists, as well as eliminating certain undesirable situations that may arise from the exchanging of cotypes.

The insect collection of the Illinois State Natural History Survey contains the most complete collection of Illinois insects in existence and ranks high among the best general collections in this country. Its possession is a valuable asset to the state and an aid to all lines of research conducted by the Survey. The collection is the result of a wise policy of many years' accumulation and direct collection of insect material. For the benefit of those interested in the historical phase of the insect collection of the Illinois State Natural History Survey a short sketch of its origin and development is given. The State Entomologist's Office of Illinois was established in 1867 with Benjamin Dane Walsh as Acting State Entomologist. William LeBaron, soon after the accidental death of Walsh, was appointed to the position of State Entomologist in 1870 and held this office until 1875. Then Cyrus Thomas succeeded William LeBaron as State Entomologist and continued in office until the appointment of Stephen Alfred Forbes in 1882. The appointment of Stephen Alfred Forbes brought about, in a sense, the merger of the Office of the State Entomologist and the State Laboratory of Natural History, since he was Director of the latter institution. In 1917, the State Entomologist's Office was definitely merged by law with the State Laboratory of Natural History to form the Illinois State Natural History Survey Division of the State Department of Registration and Education, and Stephen Alfred Forbes was appointed as its Chief.

During the period of 1867 to the present time many descriptions of new species have been published in the twenty-nine reports of the State Entomologist's Office, the Bulletin of the State Laboratory of Natural History, and its successor, the Bulletin of the Illinois State Natural History Survey. Concerning these publications I quote from an introduction written for a list of exchange and available publications and published in 1924 by Stephen Alfred Forbes.

"Twenty-nine reports of the State Entomologist were published between 1868 and 1916, the first by Benjamin Dane Walsh, the second to the fifth by William LeBaron, the sixth to the eleventh by Cyrus Thomas, and the twelfth to the twenty-ninth by Stephen Alfred Forbes. Later articles of like object and character to those in these reports are published as bulletins and circulars of the State Natural History Survey.

"The State Laboratory of Natural History began publication of its Bulletin in 1876, the first number of what became Volume 1 of this series being issued as a bulletin of the Illinois Museum of Natural History. All subsequent numbers were issued as bulletins of the above Laboratory until 1917, after which the series was continued as the Bulletin of the Illinois State Natural History Survey. Volumes 1 to 12 have been published under the first of these titles, and 13 and 14, together with Articles 1-3 of Volume 15, under the second.* The State Laboratory of Natural History has also published three volumes and an atlas of final reports on

* Now Volume 16, Article 3.

the ornithology and ichthyology of the state, all reprinted in a second edition, as were also the First, Eighteenth, and Twenty-third reports of the State Entomologist's Office."

The insect collection of the Natural History Survey now contains no material definitely known to have been collected by Benjamin Dane Walsh and only a few specimens from the LeBaron collection. Of the Thomas material, almost nothing now remains except his collection of Aphididae which was acquired in very poor condition as reported by J. J. Davis in *Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. II, 1913, pp. 97-121*. The present collection, then, consists almost entirely of specimens collected since 1883 and to Stephen Alfred Forbes and Charles H. Hart belong the main credit for its development and present importance. In addition to the material acquired by the direct collecting of members of the staff of the Survey and its forerunners, considerable material has been added by the acquisition of several private collections. The most notable of these is the first W. A. Nason collection acquired in 1908. The Survey is also the recipient of much material generously donated by specialists and amateurs and has profited through the medium of exchange.

At the conclusion of the list of types in the insect collection of the Illinois State Natural History Survey, there is added a list of the types in the insect collections belonging to the University of Illinois. These collections are available for study by members of the Survey Staff in keeping with the cooperative policy which also places the facilities and insect collection of the Survey at the service of the University. The Natural History Museum of the University of Illinois possesses the Andreas Bolter and second W. A. Nason collections of insects. Both of these collections were gifts to the University, the former in 1900 and the latter in 1920. The Bolter collection is the only one of the two which contains any types. The Department of Entomology of the University acquired the A. D. MacGillivray collection of Tenthredinoidea in 1924. This is one of the most important collections of sawflies in North America and is exceedingly rich in types. The Bolter and second Nason collections are now housed in the Natural History Museum of the University, and the A. D. MacGillivray collection is with the types of the Natural History Survey.

Some special comments are necessary concerning the contents and preparation of this article. Attention has already been directed to the selection of lectotypes to stand for single types in the case of cotypic series. The designation of lectoallotype has been given to a single specimen of the opposite sex from the lectotype of a cotypic series. The remainder of the cotypic series, after the selection of single types, have been regarded as paratypes. Where the describer of a new species has clearly indicated the selection of a type and an allotype no selections have been necessary. In cases where the describer of a new species based his description upon a unique, that specimen is considered as the type without the presence of such a statement in the literature. Where both sexes

are specifically described in the original description, based in each case upon single specimens, those specimens have been considered as the type and the allotype. No transposition of original designations of type to holotype, or *vice versa*, have been made. They are listed here as given in the original description, since from the standpoint of taxonomy they are the same.

In some instances no single types have been selected from cotypic material. This is because of either the extremely poor condition of the cotypes or because the selection of the lectotype rightfully belongs to some other institution. Where it has been deemed advisable to select a lectotype of a species mounted in balsam on a slide with other specimens of the same or different species, the specimen so selected has been surrounded by a circular cut on the cover glass. A few specimens have been considered as allotypes that furnished the basis for the description of a previously undescribed or unknown sex of a species already known. This is not in conformity with the use of this term as employed by some (where the allotype must be one of the paratypes), but has the sanction of others. The International Rules of Zoological Nomenclature do not specifically cover this point.

The type series of A. A. Girault in the Survey collection require still further comment. Girault, *in litt.*, has occasionally used terms in an entirely different sense from their accepted use at the present time. In this paper his use of cotype is construed to be equivalent to paratype. Specimens listed by him in his original description, but not specifically listed by him as "type" or "cotypes", are considered as paratypes. When more than one specimen in a type series was designated as "type" by Girault, a single specimen has been selected as the lectotype and the remaining specimens as paratypes, depending as in all other cases upon the priority rights of this institution to the single type.

All type specimens listed in this paper have been labeled and isolated from the general reference collection to insure their continued preservation. It is oftentimes the case that some structural part of an insect is mounted in balsam on a slide and the remaining portion on an insect pin or a card-point mount. Note is made of this fact in the labeling of all specimens so mounted so that they are securely linked together.

The abbreviations used for citations to places of original descriptions are those commonly used in entomological publications. The references have been given in full because of the character of this article. The letter-files of the Survey have been critically searched for information regarding the precise dates of publication of the Reports of the State Entomologists. These dates, with one exception, have never been determined previously. Their significance lies in their bearing upon questions of priority as evidenced by a recent paper of P. R. Myers published in the *Proc. Ent. Soc. Wash., Vol. 26, No. 9, December, 1924, pp. 222-224*. The dates assigned to them are based upon the first definite acknowledgments of these Reports contained in our letter-files or other letters bearing upon their publication or distribution.

The abbreviation "Acc. No." refers to the Accession Catalogue of the Survey and "Hart Acc. No." to a small Accession Catalogue of the late Mr. C. A. Hart. The "Slide No." refers to the Survey collection of slides. The data pertaining to the places and dates of types, as well as full information regarding other matters of importance or interest, are given with each type, allotype, and paratype. Much of this information has never been published and in some cases even the locality of a type has not been heretofore recorded. A few errors in the literature regarding the localities of types, etc., have been corrected. Collectors' names, where known, are given in parentheses following each record. For the sake of completeness and usefulness, notes on synonymy have been added and genotype designations indicated. No new synonymy, however, is herein published. The sequence of orders and families of the Natural History Survey and the Bolter collections is arranged in a purely arbitrary manner. The family arrangement of the A. D. MacGillivray collection of Tenthredinoidea is in accord with his published classifications of 1906 and 1916. Generic and specific names in all cases are arranged alphabetically under family and order groupings.

Since most of the species of sawflies described by MacGillivray are represented by types in his collection, Mr. S. A. Rohwer has suggested the desirability of publishing a list of the species the types of which are not in the collection here, place of their description, and their present location if known. This list is published as an appendix to this article. It is probable that several species, the types of which have not been located, are in the MacGillivray collection without identifying labels or a present clue as to their identity.

The following persons have greatly aided in the preparation of this list by furnishing me with references, notes on synonymy, and other information and favors of a varied character: E. T. Cresson, Jr., L. H. Weld, F. C. Baker, C. L. Metcalf, F. H. Benjamin, H. Morrison, C. W. Johnson, J. J. Davis, R. A. Cushman, J. R. Malloch, J. M. Aldrich, A. B. Gahan, and particularly S. A. Rohwer.

TYPES IN THE COLLECTION OF THE ILLINOIS STATE
NATURAL HISTORY SURVEY

ORDER ORTHOPTERA

Family TETTIGONIIDAE

Insara sinaloae Hebard

Trans. Amer. Ent. Soc., Vol. LI, December 18, 1925, p. 293.

Paratype.—♂: Venvidio, Sinaloa, Mexico, August 18, 1918 (J. A. Kusche).
Right hind leg is missing.

Montezumina sinaloae Hebard

Trans. Amer. Ent. Soc., Vol. LI, December 18, 1925, p. 297.

Paratypes.—♂: Venvidio, Sinaloa, Mexico, August 11-12 and 21, 1918 (J. A. Kusche).

Right hind leg of one male is missing.

Family GRYLLIDAE

Nemobius funeralis Hart

Ent. News, Vol. XVII, No. 5, May, 1906, p. 159.

Type.—♀: College Station, Texas, December 26, 1905 (C. A. Hart).

Now considered as a southern race of *Nemobius griseus* Walker.

Oecanthus forbesi Titus

Can. Ent., Vol. XXXV, No. 9, September, 1903, p. 260.

Type.—♂: Urbana, Illinois, September 6, 1891 (C. A. Hart). Acc. No. 17424.

According to Blatchley this is synonymous with *Oecanthus nigricornis quadripunctatus* (Beutenmüller), the latter having priority.

Family LOCUSTIDAE

Amblytropidia insignis Hebard

Trans. Amer. Ent. Soc., Vol. XLIX, November 21, 1923, p. 198.

Paratypes.—♂: Gatun, Canal Zone, Panama, July 12-15, 1916 (D. E. Harrower).

Conalcaea coyoteræ Hebard

Trans. Amer. Ent. Soc., Vol. XLVIII, July 25, 1922, p. 55.

Paratypes.—♀: Prescott, Arizona, August 5 and 14, 1917 (O. C. Poling).

Cyclocercus gracilis Bruner

Biol. Centrali-Americana, Insecta-Orthoptera, Vol. II, February, 1909, p. 307.

Paratype.—♂: Tampico, Mexico, December, 1906.

Melanoplus calapooyæ Hebard

Trans. Amer. Ent. Soc., Vol. XLVI, December 14, 1920, p. 185.

Paratypes.—♂ and ♀: Calapooia Mountains, Lake County, Oregon, August 11, 1909 (M. Hebard).

Melanoplus macneilli Hart

Bull. Ill. State Lab. Nat. Hist., Vol. VII, Art. VII, January, 1907, p. 261.

Lectotype.—♂: Moline, Illinois, on sand hill, September 9, 1905 (C. A. Hart and F. Shobe).

Lectoallotype.—♀: Moline, Illinois, on sand hill, September 9, 1905 (C. A. Hart and F. Shobe).

Paratypes.—♂ and ♀: Moline, Illinois, on sand hill, September 9, 1905 (C. A. Hart and F. Shobe).

According to Blatchley this species is synonymous with *Melanoplus flavatilis* Bruner, the latter having priority.

Melanoplus microtatus Hebard

Trans. Amer. Ent. Soc., Vol. XLV, September 25, 1919, p. 285.

Paratypes.—♂ and ♀: Del Monte, Monterey County, California, September 9-10, 1910 (M. Hebard).

Melanoplus oreophilus Hebard

Trans. Amer. Ent. Soc., Vol. XLVI, December 14, 1920, p. 382.

Paratypes.—♂ and ♀: Cloud Cap Trail, Mt. Hood, Oregon, August 13-10, 1910 (M. Hebard).

Melanoplus scudderi var. *texensis* Hart

Ent. News, Vol. XVII, No. 5, May, 1906, p. 158.

Lectotype.—♂: College Station, Texas, December 26, 1905 (C. A. Hart).

Lectoallotype.—♀: College Station, Texas, December 26, 1905 (C. A. Hart).

Paratypes.—♂ and ♀: College Station, Texas, December 24-27, 1905 (C. A. Hart); Houston, Texas, January 6, 1906 (C. A. Hart).

Melanoplus viridipes euryercus Hebard

Trans. Amer. Ent. Soc., Vol. XLVI, December 14, 1920, p. 392.

Paratypes.—♂ and ♀: Derrick City, McKean County, Pennsylvania, June 6, 1915 (M. Hebard).

Mesochlora unicolor Hart

Ent. News, Vol. XVII, No. 5, May, 1906, p. 157.

Lectotype.—♂: College Station, Texas, December 23, 1905 (C. A. Hart).

Lectoallotype.—♀: College Station, Texas, December 26, 1905 (C. A. Hart).

Paratypes.—♂ and ♀: College Station, Texas, December 23-27, 1905 (C. A. Hart).

Oedaleonotus phryneicus Hebard

Trans. Amer. Ent. Soc., Vol. XLV, September 25, 1919, p. 266.

Paratypes.—♂ and ♀: Del Monte, Monterey County, California, September 9-10, 1910 (M. Hebard).

Sinaloa pulchella Hebard

Trans. Amer. Ent. Soc., Vol. LI, December 18, 1925, p. 288.

Paratypes.—♂ and ♀: Venvidio, Sinaloa, Mexico, September 2, 1918 (J. A. Kusche); Villa Union, Sinaloa, Mexico, September 27, 1918 (J. A. Kusche).

Spharagemon saxatile Morse

Proc. Boston Soc. Nat. Hist., Vol. XXVI, February 21, 1894, p. 229.

Paratype.—♂: Wellesley, Massachusetts, July 29, 1892 (A. P. Morse).

Trimerotropis saxatilis McNeill

Proc. U. S. Nat. Museum, Vol. XXVIII, No. 1215, 1901, p. 440.

Lectotype.—♂: Union County, Illinois, July 23, 1884 (G. H. French).

Paratype.—♂: Union County, Illinois, July 23, 1884 (G. H. French).

Left hind leg of lectotype is missing.

Family TETRIGIDAE

Telmatettix minutus Hancock

The Tettigidae of North America, R. R. Donnelley and Sons Co., Chicago, Illinois, 1902, p. 134.

Paratype.—♂: Cordova, V. C., Mexico, 1-1899.

Family BLATTIDAE

Panchlora cahita Hebard

Trans. Amer. Ent. Soc., Vol. XLVIII, January 2, 1923, p. 174.

Paratypes.—♂: Venvidio, Sinaloa, Mexico, August and August 11-12, 1918 (J. A. Kusche).

ORDER ODONATA

Family AESCHNIDAE

Gomphus lentulus Needham

Can. Ent., Vol. XXXIV, No. 10, October, 1902, p. 275.

Type.—♂: Flora, Illinois, June, 1898 (J. F. Garber).

In fair condition. Genitalia mounted on card point on separate pin.

Family LIBELLULIDAE

Somatochlora macrotana Williamson

Ent. News, Vol. XX, No. 2, February, 1909, p. 78.

Type.—♂: Duluth, Minnesota.

Allotype.—♀: Duluth, Minnesota.

Paratypes.—♂: Duluth, Minnesota.

ORDER EPHEMERIDA

Family EPHEMERIDAE

Baetis harti McDunnough

Can. Ent., Vol. LVI, No. 1, January, 1924, p. 7.

Holotype.—♂: Urbana, Illinois, July 11, 1878 (C. A. Hart). Acc. No. 24491.

Paratype.—♂: Urbana, Illinois, July 11, 1878 (C. A. Hart). Acc. No. 24491.

Baetis pallidula McDunnough

Can. Ent., Vol. LVI, No. 1, January, 1924, p. 8.

Holotype.—♂: Muncie, Illinois, Stony Creek, May 24, 1914.

Paratype.—♂: Muncie, Illinois, Stony Creek, May 24, 1914.

Campsurus primus McDunnough

Can. Ent., Vol. LVI, No. 1, January, 1924, p. 7.

Holotype.—♂: Grand Tower, Illinois, August 14, 1898 (C. A. Hart). Acc. No. 24529.

Paratype.—♂: Grand Tower, Illinois, August 14, 1898 (C. A. Hart). Acc. No. 24529.

Heptagenia integer McDunnough

Can. Ent., Vol. LVI, No. 1, January, 1924, p. 9.

Holotype.—♂: Alton, Illinois, at light, August 27, 1913 (C. A. Hart).

Paratype.—♂: Alton, Illinois, at light, August 27, 1913 (C. A. Hart); Urbana, Illinois, at light, June 14, 1887 (C. A. Hart). Acc. No. 12092.

Pseudocloeon veteris McDunnough

Can. Ent., Vol. LVI, No. 1, January, 1924, p. 8.

Holotype.—♂: Urbana, Illinois, near Salt Fork Creek, May 13, 1898 (C. A. Hart). Acc. No. 24400.

Allotype.—♀: Urbana, Illinois, near Salt Fork Creek, May 13, 1898 (C. A. Hart). Acc. No. 24400.

ORDER THYSANOPTERA

Family HETEROTHRIPIDAE

Heterothrips arisaemae Hood

Bull. Ill. State Lab. Nat. Hist., Vol. VIII, Art. II, August 22, 1908, p. 362.

Paratype.—♀: Urbana, Illinois, Brownfield Woods (Augerville), in flowers of Jack-in-the-pulpit—(*Arisaema triphyllum* Torr.), May 18, 1907 (F. C. Gates). Slide No. 3265.

The genotype of *Heterothrips* Hood (Monobasic).

Family PHLOETHRIPIDAE

Allothrips megacephalus Hood

Bull. Ill. State Lab. Nat. Hist., Vol. VIII, Art. II, August 22, 1908, p. 373.

Paratype.—♀: Urbana, Illinois, under bark of cottonwood tree, November 19, 1907 (R. D. Glasgow). Slide No. 3266.

The genotype of *Allothrips* Hood (Monobasic).

Lissothrips muscorum Hood

Bull. Ill. State Lab. Nat. Hist., Vol. VIII, Art. II, August 22, 1908, p. 365.

Paratype.—♀: Muncie, Illinois, in moss, June 16, 1908 (J. D. Hood). Slide No. 3267.

The genotype of *Lissothrips* Hood (Monobasic).

Neothrips corticis Hood

Bull. Ill. State Lab. Nat. Hist., Vol. VIII, Art. II, August 22, 1908, p. 372.

Paratype.—♂: Urbana, Illinois, under bark of soft maple trees, January 19, 1908 (J. D. Hood). Slide No. 3268.

The genotype of *Neothrips* Hood (Monobasic).

Plectrothrips antennatus Hood

Bull. Ill. State Lab. Nat. Hist., Vol. VIII, Art. II, August 22, 1908, p. 370.

Paratype.—♂: Urbana, Illinois, on window, June 23, 1908 (J. D. Hood). Slide No. 3269.

The genotype of *Plectrothrips* Hood (Monobasic).

Trichothrips americanus Hood

Bull. Ill. State Lab. Nat. Hist., Vol. VIII, Art. II, August 22, 1908, p. 366.

Paratypes.—♂ and ♀: Urbana, Illinois, under bark of rotten maple stump, March 24, 1907 (J. D. Hood). Slide No. 3270.

Trichothrips angusticeps Hood

Bull. Ill. State Lab. Nat. Hist., Vol. VIII, Art. II, August 22, 1908, p. 367.

Paratype.—♀: Urbana, Illinois, under bark of rotten box-elder stump, April 23, 1907 (J. D. Hood). Slide No. 3271.

Trichothrips buffae Hood

Bull. Ill. State Lab. Nat. Hist., Vol. VIII, Art. II, August 22, 1908, p. 369.

Paratype.—♀: Urbana, Illinois, under bark of soft maple tree, February 22, 1908 (J. Zetek and F. C. Gates). Slide No. 3272.

This species was transferred by Hood in 1912 to the genus *Rhynchothrips* Hood.

Trichothrips longitubus Hood

Bull. Ill. State Lab. Nat. Hist., Vol. VIII, Art. II, August 22, 1908, p. 368.

Paratype.—♀: Carbondale, Illinois, sweepings, May 19, 1908 (C. A. Hart). Slide No. 3273.

Family IDOLOTHRIPIDAE

Idolothrips flavipes Hood

Bull. Ill. State Lab. Nat. Hist., Vol. VIII, Art. 2, August 22, 1908, p. 377.

Paratype.—♂: Dubois, Illinois, sifted from fallen oak leaves, April 28, 1908 (C. A. Hart and L. M. Smith). Slide No. 3274.

This species has been transferred to the genus *Gigantothrips* Zimmerman by Watson (Florida Agr. Exp. Station Tech. Bull. 168, December, 1923, p. 71).

ORDER HEMIPTERA

Family GERRIDAE

- Gerris comatus** Drake and Hottes
Ohio Journ. Sc., Vol. XXV, January, 1925, p. 48.
Paratype.—♂: Ames, Iowa, July 24, 1924 (C. J. Drake).
- Gerris incurvatus** Drake and Hottes
Proc. Biol. Soc. Wash., Vol. 38, 1925, p. 72.
Paratype.—♂: Illinois River, Hennepin, Illinois, September 13, 1912.
- Gerris nebularis** Drake and Hottes
Proc. Biol. Soc. Wash., Vol. 38, May 26, 1925, p. 70.
Paratypes.—♀ and ♂: Big Muddy River, Waltonville, Illinois, July 20, 1913.
- Gerris notabilis** Drake and Hottes
Ohio Journ. Sc., Vol. XXV, No. 1, January, 1925, p. 46.
Paratype.—♀: Pingree Park, Colorado, August 18, 1924 (C. J. Drake and F. C. Hottes).
Paramorphotype.—♀: Oaktown, Illinois, along railroad in swamp, August 15, 1905.
- Gerris pingreensis** Drake and Hottes
Ohio Journ. Sc., Vol. XXV, No. 1, January, 1925, p. 49.
Paratypes.—♂: Pingree Park, Colorado, August 16 and 22, 1924 (C. J. Drake and F. C. Hottes).

Family MIRIDAE

- Deraeocoris aphidiphagus** Knight
Eighteenth Rep. State Ent. Minn., December 1, 1920, p. 134.
Paratypes.—♂: Augerville (Brownfield Woods, Urbana), Illinois, June 6, 1915 (J. R. Malloch); Urbana, Illinois, June 16, 1885 (C. A. Hart); Northern Illinois (A. Bolter). Acc. No. 6050.
- Deraeocoris quercicola** Knight
Eighteenth Rep. State Ent. Minn., December 1, 1920, p. 138.
Paratypes.—♂ and ♀: Champaign, Illinois, June 12-15, 1888 (C. A. Hart); Elizabeth, Illinois, July 6, 1917 (J. R. Malloch). Hart Acc. Nos. 322 and 328.
- Plagiognathus flavicornis** Knight
State Geol. Nat. Hist. Sur. Conn., Bull. 34, 1923, p. 436.
Paratypes.—♀: Sun Lake, Lake County, Illinois, bog August 9, 1906 (C. A. Hart); Cedar Lake, Lake County, Illinois, bog, August 4, 1906 (C. A. Hart).
- Plagiognathus nigronitens** Knight
State Geol. Nat. Hist. Sur. Conn., Bull. 34, 1923, p. 435
Paratypes.—♂: Hennepin County, Minnesota, August 12, 1919 (H. H. Knight); Little Bear Lake, Grand Junction, Michigan, July 15, 1914.
- Plagiognathus politus** var. *flaveolus* Knight
State Geol. Nat. Hist. Sur. Conn., Bull. 34, 1923, p. 434.
Paratypes.—♀: Urbana, Illinois, September 13, 1909; Algonquin, Illinois, August 30, 1894 (W. A. Nason).
- Plagiognathus punctatipes** var. *dispar* Knight
State Geol. Nat. Hist. Sur. Conn., Bull. 34, 1923, p. 451.
Paratype.—♂: Dixon, Illinois, May 31, 1914.

Family NABIDAE

Nabis elongatus Hart

Bull. Ill. State Lab. Nat. Hist., Vol. VII, Art. VII, January, 1907, p. 262.

Type.—♂: Havana, Illinois, along sandy shore of Illinois River, June 9, 1906 (C. A. Hart).

Now considered a synonym of *Nabis propinquus* Reuter. The name *elongatus* is also preoccupied.

Family REDUVIIDAE

Stenolemus spiniger McAtee and Malloch

Proc. U. S. Nat. Mus., Vol. 67, No. 2573, 1925, p. 33.

Paratype.—♀: Brownsville, Texas (Dorner).

Family TINGIDAE

Corythucha aesculi Osborn and Drake

Ohio Biol. Surv. Bull. 8, Vol. 11, No. 4, June, 1916, p. 232.

Paratype.—♀: Columbus, Ohio, May 2, 1915 (C. J. Drake).

Corythucha padi Drake

Ohio Journ. Sc., Vol. XVII, No. 6, April 16, 1917, p. 215.

Paratype.—♀: Missoula, Montana, May 20, 1916 (J. R. Parker).

Corythucha salicata Gibson

Trans. Amer. Ent. Soc., Vol. XLIV, April 14, 1918, p. 90.

Paratype.—♂: Hood River, Oregon, on willow, August 4, 1908 (J. C. Bridwell).

Merragata foveata Drake

Ohio Journ. Sc., Vol. XVII, No. 4, February 17, 1917, p. 103.

Paratype.—♀: Summit, Ohio, August 31, 1916 (C. J. Drake).

Piesma cinerea var. *inornata* McAtee

Bull. Brook. Ent. Soc., Vol. XIV, No. 3 (7), June, 1919, p. 87.

Paratypes.—♂ and ♀: Algonquin, Illinois, August 23-24, 1895 (W. A. Nason).

Family ANTHOCORIDAE

Lasiochilus hirtellus Drake and Harris

Proc. Biol. Soc. Wash., Vol. 39, July 30, 1926, p. 33.

Paratypes.—♂ and ♀: Brownsville, Texas, South Texan Garden, at light, June 23, 1908; Brownsville, Texas, April 11 (G. Dorner).

Family LYGAEIDAE

Geocoris frisoni Barber

Bull. Brook. Ent. Soc., Vol. XXI, Nos. 1-2, February-April, 1926, pp. 38-39.

Holotype.—♂: Havana, Illinois, Devil's Hole, August 30, 1917.

Allotype.—♀: Havana, Devil's Hole, August 15, 1907.

Paratypes.—♂ and ♀: Arenzville, Illinois, bluff sand, August 14, 1913; Bishop, Illinois, June 22, 1906, Meredosia, Illinois, sand pit, August 22, 1917, Havana, Illinois, Devil's Hole, September 11, 1910 and September 28, 1913; Havana, Illinois, Devil's Neck, June 7, 1905 (C. A. Hart).

Family ARADIDAE

Aradus implanus Parshley

Trans. Amer. Ent. Soc., Vol. XLVII, April 9, 1921, p. 45.

Paratype.—♂: Funk's Grove, Illinois, April 30, 1884 (C. A. Hart). Acc. No. 1511.

Aradus robustus var. *insignis* Parshley

Trans. Amer. Ent. Soc., Vol. XLVII, April 9, 1921, p. 42.

Paratype.—♀: Brownsville, Texas, under board, December 16, 1911 (C. A. Hart).

Family COREIDAE

Catorhintha flava Fracker

Ann. Ent. Soc. Amer., Vol. XVI, No. 2, June, 1923, p. 171.

Holotype.—♂: Brownsville, Texas, December 9, 1910 (C. A. Hart).

Allotype.—♀: Lake Lomalta, Texas, November 27, 1910 (C. A. Hart)

Family PENTATOMIDAE

Euschistus subimpunctatus Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. VII, June, 1919, p. 191.

Type.—♀: Anna, Illinois, July 22, 1883. Acc. No. 3791.

Thyanta elegans Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. VII, June, 1919, p. 218.

Type.—♂: Loma, Texas, July 7, 1908.

Allotype.—♀: Lake Lomalta, Texas, November 27, 1910.

Family CYDNIDAE

Corimelaena agrella McAtee

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. VII, June, 1919, p. 216.

Paratypes.—♂ and ♀: Kentucky; Plummers Island, Maryland, May 18, 1913 (W. L. McAtee).

Corimelaena harti Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. VII, June, 1919, p. 215.

Type.—♂: Makanda, Illinois, by sweeping, June 26, 1909 (C. A. Hart).

Allotype.—♀: Makanda, Illinois, by sweeping, June 26, 1909 (C. A. Hart)

Corimelaena interrupta Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. XIII, Art. VII, June, 1919, p. 214.

Type.—♂: Brownsville, Texas, November 23, 1911, swept from pastures in South Texas Garden (C. A. Hart).

Paratype.—♂: Brownsville, Texas, November 23, 1911, swept from pastures in South Texas Garden (C. A. Hart).

Corimelaena minutissima Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. VII, June, 1919, p. 214.

Type.—♂: Sarita, Texas, on sand hills, December 1, 1911 (C. A. Hart).

Corimelaena polita Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. VII, June, 1919, p. 213.

Type.—♀: Brownsville, Texas, July 10, 1908 (C. A. Hart).

Galgupha aterrima Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. VII, June, 1919, p. 211.

Type.—♂: Odin, Illinois, on pink sorrel, May 12, 1902 (E. G. Titus).
Acc. No. 31440.

Lectoallotype.—♀: White Heath, Illinois, June 18, 1906.

Paratypes.—♂ and ♀: Havana, Illinois, along road to Devil's Hole, August 15, 1907; Dongola, Illinois, May 10, 1917; Grand Tower, Illinois, June 27, 1906; Northern Illinois; Southern Illinois; Normal, Illinois, June 14, 1882; Urbana, Illinois, June 30, 1883 (J. Martin and C. A. Hart); Cobden, Illinois, April 12, 1883; two without data. Acc. Nos. 3057, 14585 and 3198.

ORDER HOMOPTERA

Family CICADIDAE

Tibicen semicincta Davis

Journ. N. Y. Ent. Soc., Vol. XXXIII, No. 1, March, 1925, p. 41.

Paratype.—♂: Baboquivari Mountains, Pima County, Arizona, June, 1924 (O. C. Poling).

Family MEMBRACIDAE

Ceresa turbida Goding

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. XIV, January, 1894, p. 406.

Paratype.—♂: Colorado (Gillette).

Now considered as a synonym of *Ceresa basalis* Walker.

Telamona irrorata Goding

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. XIV, January, 1894, p. 418.

Cotype.—♂: Galesburg, Illinois (C. W. Stromberg).

Now listed as *Telamona dubiosa* Van Duzee, *irrorata* being preoccupied.

Family CICAPELLIDAE

Cicadula nigrifrons Forbes

Fourteenth Rep. State Ent. Ill., September 2, 1885, p. 67.

Lectotype.—♂: Anna, Illinois, on corn, July 14, 1884 (S. A. Forbes).

Acc. No. 4427.

Lectoallotype.—♀: Anna, Illinois, on corn, July 14, 1884 (S. A. Forbes).

Acc. No. 4427.

Paratypes.—♂ and ♀: Anna, Illinois, on corn, July 14, 1884 (S. A. Forbes); Mt. Carmel, Illinois, on oats, May 28, 1884 (H. Garman).

Acc. Nos. 4427 and 1793.

This species is now placed in the genus *Thamnotettix* Zetterstedt.

Cicadula quadrilineatus Forbes

Fourteenth Rep. State Ent. Ill., September 2, 1885, p. 68.

Lectotype.—♂: Marshall, Illinois, from wheat, May 22, 1884. Acc. No. 1871.

Lectoallotype.—♀: Marshall, Illinois, from wheat, May 22, 1884. Acc. No. 1871.

Paratypes.—♂ and ♀: Marshall, Illinois, from wheat, May 22, 1884; West Union, Illinois, on wheat, May 24, 1884. Acc. Nos. 1871 and 1883.

Lectotype, Lectoallotype and 14 paratypes mounted on card points, remainder of type series in alcohol. This species is now considered as a synonym of *Cicadula sernotata* (Fallen), the latter having priority.

Dikraneura cockerelli Gillette

Psyche, Vol. VII, Suppl. 1, December, 1895, p. 14.

Paratypes.—♀: New Mexico (1890).

Dikraneura communis Gillette

Proc. U. S. Nat. Mus., Vol. 20, No. 1138, April 20, 1898, p. 718.

Paratype.—♂: Urbana, Illinois, May 14, 1889 (J. Marten). Acc. No. 14873.

This species is now considered as a synonym of *Dikraneura mali* (Provancher). In fair condition.

Empoa albopicta Forbes

Thirteenth Rep. State Ent. Ill., May 31, 1884, p. 181.

Lectotype.—♂: Centralia, Illinois, on apple leaves, August 6, 1883. Acc. No. 3706.

Lectoallotype.—♀: Centralia, Illinois, on apple leaves, August 6, 1883. Acc. No. 3706.

Paratypes.—♂ and ♀: Centralia, Illinois, on apple leaves, August 6, 1883. Acc. No. 3706.

Lectotype, lectoallotype and 8 paratypes mounted on card points, remainder of paratypes in alcohol. This species is now considered synonymous with *Empoasca mali* (LeBaron), the latter having priority.

Erythroneura abolla var. *lemnisca* McAtee

Bull. Ill. State Nat. Hist. Surv., Vol. XVI, Art. III, July, 1926, p. 131.

Holotype.—♀: Urbana, Illinois, Cottonwoods (University Woods), July 12, 1920 (C. P. Alexander).

Paratype.—♀: Urbana, Illinois, Brownfield Woods, April 29, 1920.

- Erythroneura comes* var. *palimpsesta* McAtee
 Bull. Ill. State Nat. Hist. Surv., Vol. XV, Art. II, April, 1921, p. 43.
 Holotype.—♂: Forest City, Illinois, April 3, 1917.
 Allotype.—♀: Forest City, Illinois, April 3, 1917.
- Erythroneura comes* var. *pontifex* McAtee
 Bull. Ill. State Nat. Hist. Surv., Vol. XVI, Art. III, July, 1926, p. 136.
 Holotype.—♀: Dubois, Illinois, May 24, 1917.
- Erythroneura comes* var. *reflecta* McAtee
 Bull. Ill. State Nat. Hist. Surv., Vol. XV, Art. II, April, 1924, p. 43.
 Paratype.—♀: Centerville (Monticello-Mahomet), Illinois, along Sangamon River, August 16, 1914.
- Erythroneura comes* var. *rufomaculata* McAtee
 Bull. Ill. State Nat. Hist. Surv., Vol. XV, Art. II, April, 1924, p. 43.
 Holotype.—♀: Clay City, Illinois, August 17, 1911.
 Paratype.—♀: Clay City, Illinois, August 17, 1911; Urbana, Illinois, on grape, November 23, 1914; Illinois, No. 1992.
- Erythroneura ligata* var. *pupillata* McAtee
 Bull. Ill. State Nat. Hist. Surv., Vol. XV, Art. II, April, 1924, p. 42.
 Holotype.—♂: Urbana, Illinois, hibernating, February 21, 1900 (H. O. Woodworth). Acc. No. 25069.
 Paratype.—♂: Urbana, Illinois, on window, July 7, 1915; Urbana, Illinois, in moss and bark, March 4, 1888 (C. A. Hart). Hart Acc. No. 152.
- Erythroneura lunata* McAtee
 Bull. Ill. State Nat. Hist. Surv., Vol. XV, Art. II, April, 1924, p. 41.
 Holotype.—♂: Urbana, Illinois, on tree trunk, November 11, 1915.
 Allotype.—♀: White Heath, Illinois, May 7, 1909.
- Erythroneura mallochi* McAtee
 Bull. Ill. State Nat. Hist. Surv., Vol. XV, Art. II, April, 1924, p. 41.
 Holotype.—♂: Meredosia, Illinois, May 30, 1917.
- Erythroneura mitella* McAtee
 Bull. Ill. State Nat. Hist. Surv., Vol. XVI, Art. III, July, 1926, p. 132.
 Holotype.—♂: White Heath, Illinois, April 30, 1916.
 Allotype.—♀: Urbana, Illinois, November 3, 1916.
 Paratypes.—♂ and ♀: White Heath, Illinois, April 30, 1916; Dongola, Illinois, May 10, 1916; Alto Pass, Illinois, May 7, 1917; DuBois, Illinois, May 23 and August 8, 1917.
- Erythroneura oculata* McAtee
 Bull. Ill. State Nat. Hist. Surv., Vol. XV, Art. II, April, 1924, p. 39.
 Holotype.—♀: Brownsville, Texas, in sweepings from weeds, November 30, 1910 (C. A. Hart).
- Erythroneura repetita* McAtee
 Bull. Ill. State Nat. Hist. Surv., Vol. XVI, Art. III, July 1926, p. 131.
 Holotype.—♀: Illinois.
- Erythroneura scutelleris* var. *insolita* McAtee
 Bull. Ill. State Nat. Hist. Surv., Vol. XVI, Art. III, July, 1926, p. 133.
 Holotype.—♀: Muncie, Illinois, along Stony Creek, July 5, 1914.
 Allotype.—♂: Dongola, Illinois, August 23, 1916.
- Erythroneura sexpunctata* Malloch
 Bull. Brook. Ent. Soc., Vol. XVI, No. 1, February, 1921, p. 25.
 Type.—♂: Muncie, Illinois, along Salt Fork, December 13, 1913 (C. A. Hart and J. R. Malloch).
 According to McAtee (Bull. Ill. Nat. Hist. Surv., Vol. XV, Art. II, p. 40, April, 1924), this is synonymous with *E. tecta* McAtee.
- Gypona albimarginata* Woodworth
 Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. II, October, 1887, p. 31.
 Type.—♂: Urbana, Illinois, July 15, 1887 (C. A. Hart). Acc. No. 12915.
 Now considered as a synonym of *Gypona scariatina* var. *limbatipennis* Spangberg.

***Gypona bimaculata* Woodworth**

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. II, October, 1887, p. 32.

Type.—♂: Urbana, Illinois, July 31, 1886 (C. A. Hart). Acc. No. 10726.

The specific name of *woodworthi* was proposed by Van Duzee because *bimaculata* was preoccupied. This species is now considered as a synonym of *Gypona scarlatina* var. *pectoralis* Spangberg.

***Gypona bipunctulata* Woodworth**

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. II, October, 1887, p. 30.

Type.—♀: No data.

Now considered as a synonym of *Gypona melanota* Spangberg.

***Gypona nigra* Woodworth**

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. II, October, 1887, p. 31.

Lectotype.—♂: Champaign, Illinois, on weeds, July 24, 1885. Acc. No. 6814.

Paratype.—♂: Normal, Illinois, on wild plum, August, 1883; one paratype with no data. Acc. No. 3531.

Now considered as a synonym of *Gypona melanota* Spangberg.

***Tettigonia similis* Woodworth**

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. II, October, 1887, p. 25.

Type.—♀: Bloomington, Illinois, May 9, 1884. Acc. No. 1687.

Now considered as a synonym of *Cicadella gothica* (Signoret).

***Typhlocyba antigone* McAtee**

Proc. U. S. Nat. Mus., Vol. 68, Art. 18, June 10, 1926, p. 35.

Holotype.—♂: White Heath, Illinois, on oak, June 24, 1916.

***Typhlocyba appendiculata* Malloch**

Can. Ent., Vol. LII, No. 4, April, 1920, p. 95.

Type.—♂: Elizabethtown, Illinois, July 8, 1917.

Allotype.—♀: Elizabethtown, Illinois, July 8, 1917.

Paratype.—♂: Urbana, Illinois, on oak, July 17, 1916 (J. R. Malloch).

***Typhlocyba athene* McAtee**

Proc. U. S. Nat. Mus., Vol. 68, Art. 18, June 10, 1926, p. 31.

Holotype.—♂: Urbana, Illinois, on tree-trunk, June 7, 1916 (J. R. Malloch).

***Typhlocyba gillettei* var. *apicata* McAtee**

Proc. U. S. Nat. Mus., Vol. 68, Art. 18, June 10, 1926, p. 25.

Paratypes.—♂ and ♀: Urbana, Illinois, tree-trunks and forestry, June 7, 9, 17, 1916; White Heath, Illinois, on oak, June 24, 1916; Elizabeth, Illinois, July 7, 1917.

***Typhlocyba gillettei* var. *casta* McAtee**

Proc. U. S. Nat. Mus., Vol. 68, Art. 18, June 10, 1926, p. 26.

Paratypes.—♂ and ♀: Urbana, Illinois, tree-trunks, June 8-9, October 23, 1916, July 9, 13, 14, 1920; White Heath, Illinois, on oak, June 24, July 5, 1916; Elizabeth, Illinois, July 6, 1917; Algonquin, Illinois, June 10, 1896, October 13, 1895; Crystal Lake, Illinois, July 21, 1916; Monticello, Illinois, along Sangamon River, June 28, 1914.

***Typhlocyba gillettei* var. *saffrana* McAtee**

Proc. U. S. Nat. Mus., Vol. 68, Art. 18, June 10, 1926, p. 26.

Paratype.—♀: White Heath, Illinois, July 5, 1916.

***Typhlocyba hartii* Gillette**

Proc. U. S. Nat. Mus., Vol. 20, April 20, 1898, p. 754.

Paratype.—♀: Urbana, Illinois, swept from rye, May 14, 1889 (J. Marten) Acc. No. 14873.

Now placed in the genus *Erythroncura* Fitch.

***Typhlocyba lancifer* McAtee**

Proc. U. S. Nat. Mus., Vol. 68, Art. 18, June 10, 1926, p. 19.

Paratype.—♂: Urbana, Illinois, June 4, 1916.

- Typhlocyba nicarete** McAtee
 Proc. U. S. Nat. Mus., Vol. 68, Art. 18, June 10, 1926, p. 36.
 Holotype.—♂: White Heath, Illinois, on oak, June 24, 1916.
 Paratypes.—♂ and ♀: White Heath, Illinois, on oak, June 24, 1916;
 Urbana, Illinois, forestry, June 17, 1916.
- Typhlocyba phryne** McAtee
 Proc. U. S. Nat. Mus., Vol. 68, Art. 18, June 10, 1926, p. 34.
 Holotype.—♀: Urbana, Illinois, July 9, 1920.
- Typhlocyba piscator** McAtee
 Proc. U. S. Nat. Mus., Vol. 68, Art. 18, June 10, 1926, p. 7.
 Holotype.—♂: Elizabeth, Illinois, July 8, 1917.
- Typhlocyba pomaria** McAtee
 Proc. U. S. Nat. Mus., Vol. 68, Art. 18, June 10, 1926, p. 29.
 Paratypes.—♀: Clayton, Illinois, September 30, 1916; Urbana, Illinois,
 September 20, 1916; Olney, Illinois, on apple, September 21, 1916.
- Typhlocyba rubriocellata** Malloch
 Bull. Brook. Ent. Soc. Vol. XV, Nos. 2 and 3, April-June, 1920, p. 48.
 Type.—♀: Augerville Grove (Brownfield Woods), Urbana, Illinois, June
 20, 1919 (J. R. Malloch).
- Typhlocyba rubriocellata** var. **clara** McAtee
 Proc. U. S. Nat. Mus., Vol. 68, Art. 18, June 10, 1926, p. 21.
 Holotype.—♀: Urbana, Illinois, Cottonwoods (University Woods), on
Aesculus, July 30, 1920.

Family FULGORIDAE

- Bruchomorpha bicolor** Metcalf
 Journ. Elisha Mitchell Sc. Soc., Vol. XXXVIII, Nos. 3 and 4, May, 1923, p.
 186.
 Holotype.—♂: Brownsville, Texas, palm jungle sweepings, November 21,
 1911 (C. A. Hart).
 Allotype.—♀: Brownsville, Texas, palm jungle sweepings, November 21,
 1911 (C. A. Hart).
 Paratype.—♀: Brownsville, Texas, palm jungle sweepings, November 21,
 1911 (C. A. Hart).
- Bruchomorpha decorata** Metcalf
 Journ. Elisha Mitchell Sc. Soc., Vol. XXXVIII, Nos. 3 and 4, May, 1923,
 p. 188.
 Holotype.—♂: Brownsville, Texas, palm jungle sweepings, November 21,
 1911 (C. A. Hart).
 Allotype.—♀: Brownsville, Texas, palm Jungle sweepings, November 21,
 1911 (C. A. Hart).
 Paratype.—♀: Brownsville, Texas, palm jungle sweepings, November 21,
 1911 (C. A. Hart).
- Bruchomorpha vittata** Metcalf
 Journ. Elisha Mitchell Sc. Soc., Vol. XXXVIII, Nos. 3 and 4, May, 1923, p.
 185.
 Holotype.—♀: Brownsville, Texas, palm jungle sweepings, November 21,
 1911 (C. A. Hart).
 Paratype.—♀: Brownsville, Texas, palm jungle sweepings, November 21,
 1911 (C. A. Hart).
- Euklastus harti** Metcalf
 Journ. Elisha Mitchell Sc. Soc., Vol. XXXVIII, Nos. 3 and 4, May, 1923,
 p. 195.
 Holotype.—♂: Grand Tower, Illinois, August 8, 1891 (C. A. Hart and
 Shiga). Acc. No. 17202.
 The locality of this type was erroneously recorded in the original descrip-
 tion by Z. P. Metcalf as Alto Pass, Illinois, August 13, 1891.

Herpis australis Metcalf

Journ. Elisha Mitchell Sc. Soc., Vol. XXXVIII, Nos. 3 and 4, May, 1923, p. 196.

Holotype.—♂: Brownsville, Texas, November 4 (G. Dorner).

In the original description the date is November 11. Now considered as a synonym of *Cedusa praecox* Van Duzee.

Liburnia alexanderi Metcalf

Journ. Elisha Mitchell Sc. Soc., Vol. XXXVIII, Nos. 3 and 4, May, 1923, p. 209.

Paratypes.—♂: Dongola, Illinois, meadow, August 24, 1916; Metropolis, Illinois, August 18, 1891 (C. A. Hart). Acc. No. 17232.

Original description gives Urbana, Illinois, instead of Metropolis for latter record. Now placed in the genus *Delphacodes* Fieber.

Liburnia fulvidorsum Metcalf

Journ. Elisha Mitchell Sc. Soc., Vol. XXXVIII, Nos. 3 and 4, May, 1923, p. 210.

Holotype.—♂: Brownsville, Texas, South Texas Garden, December 19, 1910 (C. A. Hart).

Paratype.—♂: Brownsville, Texas, South Texas Garden, December 19, 1910 (C. A. Hart).

Now placed in the genus *Delphacodes* Fieber. Erroneously recorded in original description as collected on December 10.

Megamelanus lautus Metcalf

Journ. Elisha Mitchell Sc. Soc., Vol. XXXVIII, Nos. 3 and 4, May, 1923, p. 200.

Holotype.—♂: Loma, Texas, sweepings, December 11, 1910 (C. A. Hart).

Allotype.—♀: Loma, Texas, sweepings, December 11, 1910 (C. A. Hart).

Paratype.—♂: Loma, Texas, sweepings, December 11, 1910 (C. A. Hart).

Microledrida flava Metcalf

Journ. Elisha Mitchell Sc. Soc., Vol. XXXVIII, Nos. 3 and 4, May, 1923, p. 183.

Holotype.—♂: Brownsville, Texas, palm jungle sweepings, November 21, 1911 (C. A. Hart).

Myndus truncatus Metcalf

Journ. Elisha Mitchell Sc. Soc., Vol. XXXVIII, Nos. 3 and 4, May, 1923, p. 184.

Holotype.—♂: Elizabeth, Illinois, July 6, 1917.

Oecleus productus Metcalf

Journ. Elisha Mitchell Sc. Soc., Vol. XXXVIII, Nos. 3 and 4, May, 1923, p. 184.

Holotype.—♂: Dongola, Illinois, August 23, 1916.

Paratype.—♂: Metropolis, Illinois, August 19, 1916.

Oliarus texanus Metcalf

Journ. Elisha Mitchell Sc. Soc., Vol. XXXVIII, Nos. 3 and 4, May, 1923, p. 181.

Holotype.—♂: Brownsville, Texas, palm jungle sweepings, November 21, 1911 (C. A. Hart).

Allotype.—♀: Brownsville, Texas, palm jungle sweepings, November 21, 1911 (C. A. Hart).

Paratypes.—♂ and ♀: Brownsville, Texas, in pasture, South Texas Garden, November 23, 1911 (C. A. Hart), December 9, 1911, sweepings (C. A. Hart).

Oliarus vittatus Metcalf

Journ. Elisha Mitchell Sc. Soc., Vol. XXXVIII, Nos. 3 and 4, May, 1923, p. 181.

Holotype.—♂: Brownsville, Texas, in pasture, South Texas Garden, November 19, 1911 (C. A. Hart).

Allotype.—♀: Brownsville, Texas, in pasture, South Texas Garden, December 8, 1911 (C. A. Hart).

Otiocerus wolfii var. **nubilus** McAtee

Bull. Ill. State Nat. Hist. Surv., Vol. XVI, Art. III, July, 1926, p. 128.

Type.—♀: Metropolis, Illinois, September 3, 1924 (T. H. Frison).

Pissonotus fulvus Metcalf

Journ. Elisha Mitchell Sc. Soc., Vol. XXXVIII, Nos. 3 and 4, May, 1923, p. 206.

Holotype.—♂: Paxton, Illinois, July 30, 1916.

Allotype.—♀: Paxton, Illinois, July 30, 1916.

Traxus fulvus Metcalf

Journ. Elisha Mitchell Sc. Soc., Vol. XXXVIII, Nos. 3 and 4, May, 1923, p. 189.

Allotype.—♀: Brownsville, Texas, November 21, 1910 (C. A. Hart).

Paratypes.—♀: Brownsville, Texas, sweepings from weeds, November 24, 1910 (C. A. Hart), palm jungle sweepings, November 21, 1911 (C. A. Hart), November 26, 1910 (C. A. Hart).

Family CHERMIDAE

Calophya pallidula McAtee

Bull. Ill. State Nat. Hist. Surv., Vol. XVI, Art. III, July, 1926, p. 127.

Holotype.—♀: Meredosia, Illinois, May 29, 1917.

Paratype.—♀: Meredosia, Illinois, May 29, 1917.

Trioxa pyrifoliae Forbes

Fourteenth Rep. State Ent. Ill., September 2, 1885, p. 98.

Lectotype.—♂: Normal, Illinois, on pear leaves, May 7, 1884. Acc. No. 1624.

Lectoallotype.—♀: Normal, Illinois, on pear leaves, May 7, 1884. Acc. No. 1624.

Paratypes.—♀: Normal, Illinois, on pear leaves, May 7, 1884. Acc. No. 1624.

Family APIIIDIDAE

Aphis cucumeris Forbes

Twelfth Rep. State Ent. Ill., November 20, 1883, p. 83.

Type.—♀: Normal, Illinois, on muskmelons, July 19, 1882 (S. A. Forbes). Slide No. 1557.

Wingless. In fair condition. Mounted in balsam.

Now considered to be synonymous with *Aphis gossypii* Glover.**Callipterus caryaefoliae** Davis

Ent. News, Vol. XXI, No. 5, May, 1910, p. 198.

Lectotypic slide.—Winged viviparous females: Lake Forest, Illinois, on hickory, June 24, 1909 (J. J. Davis). Acc. No. 43266. Slide No. 1838.

In fair condition. Mounted in balsam.

Callipterus quercifolii Thomas

Eighth Rep. State Ent. Ill., 1879, p. 112.

Cotypes.—♀: Sauk City, Wisconsin, on red oak leaves, June (Bundy). Acc. No. 47317.

Several specimens in alcohol in vial. In poor condition. Stated by Davis (1913) to be synonymous with *Chaitophorus quercicola* Monell.**Callipterus ulmicola** Thomas

Eighth Rep. State Ent. Ill., 1879, p. 111.

Cotypes.—♀: Sauk City, Wisconsin, on elm, June (Bundy). Acc. No. 47318.

Several specimens in alcohol in vial. In poor condition. Now considered as synonymous with *Callipterus ulmifolii* Monell (Davis, 1913).

Chaitophorus flavus Forbes

Thirteenth Rep. State Ent. Ill., May 31, 1884, p. 42.

Lectotype.—Winged ♀: Champaign, Illinois, on sorghum, July 25, 1883 (S. A. Forbes). Acc. No. 4968. Slide No. 3152.

Paratypes.—Adults and nymphs: Champaign, Illinois, on sorghum, July 25, 1883 (S. A. Forbes). Acc. No. 4968. Slides No. 3151, 3153—3156.

In poor condition. Lectotype and nineteen paratypes mounted in balsam on six slides, remainder of paratypes in alcohol in two vials. Now placed in the genus *Sipha* Passerini.

Chaitophorus negundinis Thomas

Bull. Ill. State Lab. Nat. Hist., Vol. I, No. 2, June, 1878, p. 10.

Cotypes.—Winged and wingless ♀: Peoria, Illinois, on *Negundo aceroides*, June (Miss E. A. Smith). Slide No. 2775.

In poor condition. Mounted in balsam.

Forda occidentalis Hart

Eighteenth Rep. State Ent. Ill., March 4, 1895, p. 96. (Reprint, 1920, p. 84).

Lectotype.—Wingless viviparous ♀: Champaign, Illinois, in blue-grass sod, attended by *Lasius niger*. April 28, 1894 (McElfresh). Acc. No. 19910.

Paratypes.—Wingless viviparous ♀: Urbana, Illinois, April 4, 1894 (J. Marten); Urbana, Illinois, April 10, 1894, on *Capsella bursa-pastoris*, attended by *Formica fusca gagates* (Surface). Acc. Nos. 19840 and 19807.

Lectotype in alcohol and paratypes in balsam on slide and in alcohol. In very poor condition.

Geocica squamosa Hart

Eighteenth Rep. State Ent. Ill., March 4, 1895, p. 102. (Reprint, 1920, p. 90).

Lectotype.—Wingless viviparous ♀: Champaign, Illinois, on roots of corn, October 20, 1887 (C. M. Weed). Acc. No. 14197. Slide No. 3164.

Paratypes.—♂ (?) and ♀: Normal and Champaign, Illinois, on various grasses and often associated with ants, February to November, 1883 to 1890. Acc. Nos. 1204, 1421, 2203, 3240, 3246, 4583, 5356, 5752, 6528, 7226, 7290, 8164, 10118, 10144, 10154, 10159, 10238, 10983, 12321, 12322, 12486, 12665, 12666, 12667, 12706, 14197, 14358, 16013, 17772, 19758, 19807, 19840, 19911. Slide Nos. 3161-3163, 3165-3169, 3172 and 3173.

In very poor condition. Paratyptic material in various stages of development mounted in balsam on ten slides and in alcohol in vials.

Idiopterus nephrolepidis Davis

Ann. Ent. Soc. Amer., Vol. II, No. 3, September, 1909, p. 199.

Lectotypic slide.—Winged and wingless viviparous ♀: Chicago, Illinois, May 2, 1908, on sword fern in greenhouse (J. J. Davis). Acc. No. 42533. Slide No. 3117.

The genotype of *Idiopterus* Davis (Monobasic).

Megoura solani Thomas

Eighth Rep. State Ent. Ill., 1879, p. 73.

Type.—Winged ♀: Carbondale, Illinois, on tomato, May 26, 1878 (C. Thomas). Slide 2772.

In poor condition.

Pemphigus fraxinifolii Thomas

Eighth Rep. State Ent. Ill., 1879, p. 146.

Cotypes.—Winged viviparous ♀ and immature forms: Sauk City, Wisconsin, on *Fraxinus quadrangulata* June (Bundy). Slide 2762.

In very poor condition. Several specimens in alcohol in a vial. Now placed in the genus *Prociphilus* Koch.

Pemphigus rubi Thomas

Eighth Rep. State Ent. Ill., 1879, p. 147.

Cotypes.—Winged ♀: Carbondale, Illinois, on raspberry, April 12, 1878 (G. H. French). Slides Nos. 2767 and 2768.

Mounted on balsam on two slides. In poor condition.

Phymatosiphum monelli Davis

Ann. Ent. Soc. Amer., Vol. 11, No. 3, September, 1909, p. 197.

Lectotype slide.—Winged viviparous females and pupae: St. Louis, Missouri, on buckeye, May 15, 1908 (J. T. Monell). Acc. No. 40469. Slide No. 3119.

Paratypic slide.—Winged viviparous females: St. Louis, Missouri, on buckeye, June 30, 1908 (J. T. Monell). Acc. No. 40469. Slide No. 3120. Mounted in balsam on two slides.

Rhizobius spicatus Hart

Eighteenth Rep. State Ent. Ill., March 4, 1895, p. 105. (Reprint, 1920, p. 92).

Cotypes.—Wingless viviparous females and nymphs: Normal, Illinois, from corn, December 5, 1883 (S. A. Forbes); Tamaroa, Illinois, on corn roots, October 5, 1893 (J. Marten); Urbana, Illinois, from corn and grass roots, April 10, 1886 (C. M. Weed) and July 20, 1886 (S. A. Forbes). Acc. Nos. 1223, 8602, 10641, 19678 and 19679.

In very poor condition. In alcohol in vials.

Rhopalosiphum tulipae Thomas

Eighth Rep. State Ent. Ill., 1879, p. 80.

Cotypes.—Winged and wingless ♀: Sauk City, Wisconsin, on *Tulipa gesneriana* (Bundy). Acc. No. 47320.

Specimens in alcohol in vial associated with specimens of *Macrosiphum tulipae* Monell. In very poor condition. Stated by Davis (1913) to be identical with *Myzus persicac* Sulzer.

Schizoneura panicola Thomas

Eighth Rep. State Ent. Ill., 1879, p. 138.

Cotypic slide.—Winged and wingless ♀: St. Louis, Missouri, from roots of *Panicum glabrum*, November 30, 1877 (H. Pergande). Slide No. 2770.

In very poor condition. Mounted in balsam.

Schizoneura pinicola Thomas

Eighth Rep. State Ent. Ill., 1879, p. 137.

Type.—Winged ♀: Carbondale, Illinois, on tender shoots of young white pines, April 20, 1878 (C. Thomas). Slide No. 2774.

In very poor condition. Mounted in balsam. Now considered as a synonym of *Mindarus abietinus* Koch.

Siphonophora acerifoliae Thomas

Bull. Ill. State Lab. Nat. Hist., Vol. 1, No. 2, June, 1878, p. 4.

Cotypes?: Sauk City, Wisconsin, on *Acer rubrum* (Bundy). Slide 2764.

Two winged viviparous females and one immature form mounted in balsam on a slide; several additional cotypic (?) specimens in alcohol in vial.

In very poor condition. Mr. Davis, in Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. 11, p. 99, says that "these may be the types". Material received from Bundy is not mentioned in original description. The host record of *Acer rubrum* indicates that these specimens are probably not the type. Now placed in the genus *Drepanaphis* Del Guercio.

Siphonophora heucherae Thomas

Eighth Rep. State Ent. Ill., 1879, p. 66.

Cotypes.—Immature and winged ♀: Sauk City, Wisconsin, on *Heuchera hispida*, June (Bundy). Slide Nos. 3174 and 3175.

Two balsam slide mounts and numerous specimens in alcohol in vial. In very poor condition. Now placed in the genus *Macrosiphum* Passerini.

Siphonophora minor Forbes

Thirteenth Rep. State Ent. Ill., May 31, 1884, p. 101.

Lectotype.—Winged ♀: Normal, Illinois, on strawberry, June 19, 1883 (S. A. Forbes). Acc. No. 3397. Slide No. 3157.

Paratype.—Nymphs: Normal, Illinois, on strawberry, June 21, 1883 (S. A. Forbes). Acc. No. 3399. Slide No. 3158.

Mounted in balsam on two slides. In poor condition. Now placed in the genus *Macrosiphum* Passerini.

***Tychea brevicornis* Hart**

Eighteenth Rep. State Ent. Ill., March 4, 1895, p. 97. (Reprint, 1920, p. 86).

Cotypes.—Wingless viviparous ♀: Normal, Illinois, on corn roots, July 28, 1884 (S. A. Forbes); Champaign, Illinois, in ants' nest in pasture, October 25, 1886 (C. M. Weed). Acc. Nos. 4583 and 10947. Slide No. 3171.

One balsam slide mount and several specimens in alcohol in two vials. Now placed in the genus *Pemphigus* Hartig. In very poor condition.

***Tychea erigeronensis* Thomas**

Eighth Rep. State Ent. Ill., 1879, p. 168.

Cotypes ?—Immature: Champaign, Illinois, on "roots of Endive and *Erigeron canadense*" (T. J. Burrill). Slide No. 2769.

In poor condition. Mounted in balsam. Now placed in the genus *Trama* Heyden. Stated by Davis (1913) as "probably types".

Family ALEYRODIDAE

***Aleurodes aceris* Forbes**

Fourteenth Rep. State Ent. Ill., September 2, 1885, p. 110.

Cotypes.—♀: Tamaroa, Illinois, April 10, 1884 (S. A. Forbes). Acc. No. 1368.

Remains of three cotypic adults in very poor condition preserved in alcohol. Because of the condition of these specimens no lectotype has been selected. Now known as *Aleurochiton forbesii* (Ashmead). The specific name of *forbesii* was proposed for this species by Ashmead because *aceris* was preoccupied.

Family COCCIDAE

***Aspidiotus aesculi* Johnson**

Bull. Ill. State Lab. Nat. Hist., Vol. IV, Art. XIII, October 1896, p. 386.

Cotypes.—♂ and ♀: Stanford University, California, on *Aesculus californica*, 1892 (W. G. Johnson). Acc. No. 29423.

Cotypic material on sections of small branches sealed in five glass tubes. Placed by MacGillivray in the genus *Diaspidiotus* Leonardi.

***Aspidiotus comstocki* Johnson**

Bull. Ill. State Lab. Nat. Hist., Vol. IV, Art. XIII, October, 1896, p. 383.

Lectotypic slide.—Adult ♀: Mt. Carmel, Illinois, on leaves of *Acer saccharinum* Wang, August 2, 1895 (Dr. J. Schneck). Acc. No. 21412. Slide No. 2201.

Paratypic slides.—Immature forms and adult ♀: Mt. Carmel, Illinois, on leaves of *Acer saccharinum* Wang, April-August, 1895 (Dr. J. Schneck). Acc. Nos. 21244, 21366, 21412 and 21413. Slides 2200, 2202-2204 and 2199.

Also numerous paratypic scales on leaves in six sealed test tubes. In fair condition. MacGillivray has placed this species in the genus *Aspidiella* Leonardi.

***Aspidiotus forbesi* Johnson**

Bull. Ill. State Lab. Nat. Hist., Vol. IV, Art. XIII, October, 1896, p. 380.

Lectotypic slide.—Adult ♀: Champaign, Illinois, on cherry trees, September 25, 1895 (W. G. Johnson). Acc. No. 21547. Slide 2163.

Lectoallotypic slide.—Adult ♂: Champaign, Illinois, on cherry trees, July 25, 1895 (W. G. Johnson). Acc. No. 21391. Slide No. 2161.

Paratypic slides.—Immature forms and adult ♀: Champaign, Illinois, on cherry trees, December, 1894, to April, 1896 (W. G. Johnson). Acc. Nos. 21056, 21342, 21360, 21472, 21547 and 29434. Slide Nos. 2160, 2162, 2164, 2173 and 2174.

Also numerous paratypic scales on sections of branches of cherry in ten sealed test tubes. In fair condition. MacGillivray (1921) has placed this species in the genus *Aspidiella* Leonardi.

Aspidiotus hartii Cockerell

Psyche, Supplement, Vol. VII, September, 1895, p. 7.

Cotypes.—♂ and ♀: Trinidad, British West Indies, Royal Botanical Garden (Hart). Acc. No. 20323.

Cotypic material on small pieces of yams sealed in five glass tubes. Placed by MacGillivray in the genus *Aspidiella* Leonardi.

Aspidiotus piccus Sanders

Ohio Naturalist, Vol. IV, No. 4, February, 1904, p. 96.

Cotypes.—♂ and ♀: Painesville, Lake County, Ohio, on *Liriodendron tulipifera*, July 7, 1903 (J. G. Sanders).

Numerous cotypic scales on pieces of bark sealed in four glass tubes. MacGillivray (1921) has placed this species in his genus *Diaspidiotus*.

Aspidiotus ulmi Johnson

Bull. Ill. State Lab. Nat. Hist., Vol. IV, Art. XIII, October, 1896, p. 388.

Lectotypic slide.—♀: Urbana, Illinois, on *Ulmus americana* Linn., September 25, 1895 (W. G. Johnson). Acc. No. 21546. Slide No. 2176.

Paratypic slide.—♀: Urbana, Illinois, on *Ulmus americana* Linn., June 6, 1895 (W. G. Johnson). Acc. No. 21359. Slide No. 2175.

Numerous paratypic scales on pieces of bark of white elm sealed in four glass tubes. Acc. No. 21261. In fair condition. MacGillivray (1921) has placed this species in his genus *Hendaspidiotus*.

Chionaspis americana Johnson

Bull. Ill. State Lab. Nat. Hist., Vol. IV, Art. XIII, October, 1896, p. 390.

Lectotypic slide.—Adult ♀: Champaign-Urbana, Illinois, April-September, 1895, on *Ulmus americana* Linn. (W. G. Johnson). Acc. No. 21536. Slide No. 2180.

Lectoallotypic slide.—Winged ♂: Champaign-Urbana, Illinois, April-September, 1895, on *Ulmus americana* Linn. (W. G. Johnson). Acc. No. 21481. Slide No. 2195.

Paratypic slides.—Adults and immature forms: Champaign-Urbana, Illinois, April-September, 1895, on *Ulmus americana* Linn. (W. G. Johnson). Acc. Nos. 21258, 21271, 21481, 21502, 21522, 21528 and 21536. Slide Nos. 2177-2179, 2180-2194 and 2196-2198.

Also numerous paratypic scales on leaves and sections of branches of elm in thirteen sealed glass tubes. In fair condition. MacGillivray (1921) has placed this species in the genus *Fundaspis*.

Chionaspis gleditsiae Sanders

Ohio Naturalist, Vol. III, No. 6, April, 1903, p. 413.

Cotypes.—♂ and ♀: Columbus, Ohio, on *Gleditsia triacanthos*, March 11, 1903 (J. G. Sanders).

Numerous cotypic scales on pieces of bark sealed in five glass tubes.

Coccus sorghiellus Forbes

Fourteenth Rep. State Ent. Ill., September 2, 1885, p. 71.

Cotypes.—Wingless ♀: Champaign, Illinois, from sorghum roots, August 4, 1884 (S. A. Forbes). Acc. No. 4667. Slide Nos. 3124 and 3125.

Two slides with cotypes mounted in balsam and one vial with several cotypes in alcohol. Because of poor condition of specimens no lectotype has been selected. Now placed in genus *Pseudococcus* Westwood.

Coccus trifolii Forbes

Fourteenth Rep. State Ent. Ill., September 2, 1885, p. 72.

Cotypes.—Wingless ♀: Normal, Illinois, on roots of white clover, May 3, 1884 (S. A. Forbes). Acc. No. 1533. Slide No. 3150.

In poor condition in vial in alcohol and one cotype mounted in balsam on slide in 1917. Because of condition of specimens no lectotype has been selected. Now placed in genus *Trionymus* Berg.

ORDER COLEOPTERA

Family CLERIDAE

***Enoclerus liljebladi* Wolcott**

Trans. Amer. Ent. Soc., Vol. XLVIII, July 25, 1922, p. 73.

Paratype.—♂: Pentwater, Michigan, dead pine trees, July 14, 1920 (E. Liljeblad).

Family MORDELLIDAE

***Mordella albosuturalis* Liljeblad**

Can. Ent., Vol. LIV, No. 3, March, 1922, p. 54.

Paratypes.—♂ and ♀: Callistoga, near Mt. St. Helena, California, July 14, 1918 (C. L. Hubbs).

***Mordella hubbsi* Liljeblad**

Can. Ent., Vol. LIV, No. 3, March, 1922, p. 55.

Paratype.—♂: Switzer's Trail, St. Gabriel Mt., California, June 10, 1910 (F. Grinnell, Jr.).

***Mordellistena pulchra* Liljeblad**

Can. Ent., Vol. XLIX, No. 1, January, 1917, p. 12, ♀.

Can. Ent., Vol. LIII, No. 8, August, 1921, p. 185, ♂.

Paratype.—♂: Edgebrook, Illinois, on flowers of *Helianthus*, September 6, 1917 (E. Liljeblad).

Family SCARABAEIDAE

***Anomala kansana* Hayes and McColloch**

Ent. News, Vol. XXXV, No. 4, April, 1924, p. 139.

Paratype.—♂: Manhattan, Kansas.

***Phyllophaga fraterna* var. *mississippiensis* Davis**

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. XII, August, 1920, p. 330.

Type.—♂: Agricultural College, Mississippi, April 17, 1917 (R. H. Bush).

Allotype.—♀: Agricultural College, Mississippi, on pecan, April 24, 1915.

Paratypes.—♂ and ♀: Agricultural College, Mississippi, April 2-3, 1918 (C. M. Griffiu), April 14, 1917.

***Phyllophaga hirticula* var. *comosa* Davis**

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. XII, August, 1920, p. 337.

Type.—♂: Manhattan, Kansas, at electric light, June 16-21, 1917 (J. W. McColloch).

Allotype.—♀: Manhattan, Kansas, at electric light, June 16-21, 1917 (J. W. McColloch).

Paratypes.—♂ and ♀: Manhattan, Kansas, at electric light, June 16-21, 1917 (J. W. McColloch).

***Phyllophaga impar* Davis**

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. XII, August, 1920, p. 335.

Type.—♂: Southeru Pines, North Carolina, April, 1910 (A. H. Manee).

***Phyllophaga parvidens* var. *hysteropyga* Davis**

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. XII, August, 1920, p. 336.

Type.—♂: Victoria, Texas, at light, April 6-June 26 (J. D. Mitchell).

***Phyllophaga pearliae* Davis**

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. XII, August, 1920, p. 332.

Type.—♂: Clarksville, Tennessee, May 15, 1918 (H. Fox).

Allotype.—♀: Clarksville, Tennessee, April 29, 1918 (H. Fox and M. Kieliuk).

Paratypes.—♂ and ♀: Clarksville, Tennessee, May 24, 1917 (H. Fox and Wyatt); Louisville, Kentucky, on honey locust, May 21, 1913 (J. J. Davis).

Phyllophaga perlonga Davis

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. XII, August, 1920, p. 329
 Type.—♂: Agricultural College, Mississippi, at electric light, March 31, 1916 (C. C. Greer).

Allotype.—♀: Agricultural College, Mississippi, March 31, 1916 (H. M. K.).
 Paratypes.—♂ and ♀: Agricultural College, Mississippi, at electric light, March 31, 1916 (C. C. Greer and H. M. K.).

Phyllophaga soror Davis

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. XII, August, 1920, p. 333.
 Type.—♂: Raleigh, North Carolina, July 13-25, 1916 (R. W. Leiby).

Allotype.—♀: Raleigh, North Carolina, July 13-25, 1916 (R. W. Leiby).
 Paratype.—♀: Raleigh, North Carolina, July 13-25, 1916 (R. W. Leiby).

Phyllophaga foxii Davis

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. XII, August, 1920, p. 334.
 Type.—♂: Tappahannock, Virginia, from locust, April 26, 1915 (H. Fox).

Allotype.—♀: Tappahannock, Virginia, from locust, April 26, 1915 (H. Fox).

Paratype.—♀: Tappahannock, Virginia, from locust, April 26, 1915 (H. Fox).

Serica mystaca Dawson

Journ. N. Y. Ent. Soc., Vol. XXX, No. 3, September, 1922, p. 160.

Paratypes.—♂ and ♀: Carbondale, Illinois, on oak at night, May 26, 1910; Northern Illinois; Illinois.

Family CERAMBYCIDAE

Oberea ulmicola Chittenden

Bull. Ill. State Lab. Nat. Hist., Vol. VII, Art. I, February 20, 1904, p. 4.

Paratypes.—♂ and ♀: Decatur, Illinois, breeding in elms, May 26, 1902, and July 1, 1903 (E. S. G. Titus and F. M. Webster).

Eggs, larvae, pupae and some of the adults of type series are in alcohol.

Family CHRYSOMELIDAE

Donacia curticolis Knab

Proc. Ent. Soc. Wash., Vol. VII, Nos. 2 and 3, October, 1905, p. 122.

Lectotype.—♀: Fourth Lake, Lake County, Illinois, on bulrushes, August 2, 1887 (H. Garman and C. A. Hart). Acc. No. 14046.

Paratype.—♀: Fourth Lake, Lake County, Illinois, on bulrushes, August 2, 1887 (H. Garman and C. A. Hart); Fourth Lake, Lake County, Illinois, on bulrushes, August 5, 1887 (H. Garman); Normal, Illinois, September, 1880. Acc. Nos. 265, 14046 and 14057.

Family CURCULIONIDAE

Sphenophorus minimus Hart

Sixteenth Rep. State Ent. Ill., April 28, 1890, p. 65.

Lectotype.—♀: Urbana, Illinois, from driftwood, July 30, 1888 (C. A. Hart and J. Marten). Acc. No. 14585.

Lectoallotype.—♂: Urbana, Illinois, from driftwood, July 30, 1888 (C. A. Hart and J. Marten). Acc. No. 14585.

Paratype.—♂: Urbana, Illinois, from driftwood, July 30, 1888 (C. A. Hart and J. Marten). Acc. No. 14585.

ORDER LEPIDOPTERA

Family PHALONIIDAE

Hysterosia merrickana Kearfott

Can. Ent., Vol. XXXIX, No. 2, February, 1907, p. 59.

Cotypes.—♀: Algonquin, Illinois, August 4-5, 1904 (W. A. Nason).

This species has been sunk as a synonym of *Hysterosia terminana* Busck. Though labeled by Kearfott as cotypes these specimens presumably have the status of paratypes.

Family PYRALIDIDAE

Pyrausta caffreii Flint and Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. X, June, 1920, p. 304.

Type.—♂: Bloomington, Illinois, September 30, 1919 (J. R. Malloch).

Allotype.—♀: No data.

In very poor condition. Genitalia of types in alcohol. According to Heinrich (1921) the male is synonymous with *Lorostege similalis* Guenée and according to Barnes and Benjamin (1925) the female with *Lorostege oblitalis* Walker (authors, Walker query) (= *marculenta* G. and R.).

Family GEOMETRIDAE

Aspilates behrensaria Hulst

Ent. Amer., Vol. II, No. 11, February, 1887, p. 210.

Cotype.—♀: Soda Springs, Siskiyou, California, July 21 (J. Behrens).

In poor condition. This is now considered as synonymous with *Drepanulatrix unicalcararia* Guenée.

Biston ypsilon Forbes

Fourteenth Rep. State Ent. Ill., September 2, 1885, p. 95.

Type.—♂: Warsaw, Illinois, April 8, 1884 (S. A. Forbes). Acc. No. 4172.

Reared by Professor S. A. Forbes from a larva found feeding on apple June 26, 1883.

Coenocalpe polygrammata Hulst

Trans. Amer. Ent. Soc., Vol. XXIII, 1896, p. 288.

Cotype (?).—♀: Montana.

In fair condition. This locality is not given in original description, but specimen bears a "Type" label in the handwriting of Hulst. Now placed in genus *Perizoma* Hübner.

Diastictis floridensis Hulst

Can. Ent., Vol. XXX, No. 6, June, 1898, p. 164.

Cotype (?).—♂: Enterprise, Florida, April, 1897.

In fair condition. This specimen is labeled "Type" in the handwriting of Hulst, but this locality is not given in original description and Hulst distinctly states that he did not have the male and his generic assignment therefore doubtful. This is now considered as synonymous with *Melilla inextricata* Walker.

Family NOCTUIDAE

Helionelche indiana Smith

Ent. News, Vol. XIX, No. 9, November, 1908, p. 423.

Cotype.—♀: Hessville, Indiana, May 30, 1908 (E. Beer).

Pallachira hartii French

Bull. Ill. State Lab. Nat. Hist., Vol. IV, Art. II, March, 1894, p. 9.

Lectotype.—♂: Urbana, Illinois, at light, August 20, 1886 (C. A. Hart).

Acc. No. 18739.

- Lectoallotype.—♀: Champaign, Illinois, at light, July 27, 1886 (C. A. Hart). Acc. No. 18739.
 Paratypes.—♀: Urbana, Illinois, at light, August 17, 1892 (C. A. Hart). Acc. Nos. 10712 and 10773.
 In poor condition. Now placed in genus *Hormisa* Walker. *Hartii* has been synonymized as *pupillaris* Grote, which appears to be a northern form of *orciferalis* Walker.
- Papaipema beeriana** Bird
 Can. Ent., Vol. LV, No. 5, May, 1923, p. 106.
 Paratypes.—♂: Chicago, Illinois, reared from larva in *Lacinaria*, September 21, 1922 (A. K. Wyatt); Riverside, Illinois, reared from larva in *Lacinaria*, September 7, 1922 (E. Beer).
- Pseudaglossa forbesi** French
 Bull. Ill. State Lab. Nat. Hist., Vol. IV, Art. II, March, 1894, p. 8.
 Lectotype.—♀: Savanna, Illinois, July 21, 1892 (McElfresh). Acc. No. 18510
 Paratype.—♀: Savanna, Illinois, July 21, 1892 (McElfresh). Acc. No. 18510.
 Now placed in the genus *Camptylochila* Stephens. In fair condition.
- Rhizagrotis polingi** Barnes and Benjamin
 Contrib. Nat. Hist. Lepidoptera, Vol. 5, June 24, 1922, p. 41.
 Paratypes.—♂ and ♀: Dixieland, Imperial County, California, March 1-15, 1922 (O. C. Poling).

ORDER DIPTERA

Family TIPULIDAE

- Dicranota iowa** Alexander
 Can. Ent., Vol. LII, No. 4, April, 1920, p. 78.
 Holotype.—♀: Sioux City, Iowa, April 17, 1916 (A. W. Lindsey).
- Elliptera illini** Alexander
 Pomona Coll. Journ. Ent. and Zool., Vol. XII, No. 4, December, 1920, p. 86.
 Holotype.—♂: Makanda, Illinois, June 4, 1919 (C. P. Alexander).
 In fair condition.
- Limnophila imbecilla illinoiensis** Alexander
 Can. Ent., Vol. LII, No. 8, October, 1920, p. 226.
 Holotype.—♂: Homer Park, Illinois, June 13, 1920 (T. H. Frison).
- Nephrotoma sphagnicola** Alexander
 Can. Ent., Vol. LII, No. 5, May, 1920, p. 110.
 Holotype.—♀: Antioch, Lake County, Illinois, in tamarack-sphagnum bog, June 5, 1919 (T. H. Frison).
- Ormosia frisoni** Alexander
 Can. Ent., Vol. LII, No. 8, October, 1920, p. 224.
 Holotype.—♂: Muncie, Illinois, margin of prairie cat-tail swamp, May 15, 1920 (C. P. Alexander).
 Paratypes.—♂ and ♀: Muncie, Illinois, margin of prairie cat-tail swamp, May 15, 1920 (C. P. Alexander and T. H. Frison).
- Tipula flavibasis** Alexander
 Can. Ent., Vol. L, No. 12, December, 1918, p. 414.
 Paratopotype.—♂: Lawrence, Douglas County, Kansas, June 28, 1918 (C. P. Alexander).
- Tipula mallochi** Alexander
 Pomona Coll. Journ. Ent. and Zool., Vol. XII, No. 4, 1920, p. 90.
 Holotype.—♂: Alto Pass, Illinois, June 5, 1919 (C. P. Alexander).
 Allotopotypes.—♀: Alto Pass, Illinois, June 5, 1919 (C. P. Alexander).
 Paratypes.—♂ and ♀: Dubois, Illinois, June 3, 1919 (C. P. Alexander).

Family CHIRONOMIDAE

Bezzia albidorsata Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 349.

Type.—♀: Algonquin, Illinois, July 12, 1895 (W. A. Nason).

Bezzia apicata Malloch

Journ. N. Y. Ent. Soc., Vol. XXII, No. 4, December, 1914, p. 284.

Type.—♂: Muncie, Illinois, along Stony Creek, May 24, 1914 (J. R. Malloch).

Bezzia cockerelli Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 346.

Type.—♀: Modern, Colorado, May 28 (T. D. A. Cockerell).

Bezzia dentata Malloch

Journ. N. Y. Ent. Soc., Vol. XXII, No. 4, December, 1914, p. 284.

Lectotype.—♀: Monticello, Illinois, along Sangamon River, June 21, 1914 (J. R. Malloch).

Lectoallotype.—♂: Monticello, Illinois, along Sangamon River, June 28, 1914 (J. R. Malloch).

Paratypes.—♀: Monticello, Illinois, along Sangamon River, June 28, 1914 (J. R. Malloch).

Bezzia flavitarsis Malloch

Journ. N. Y. Ent. Soc., Vol. XXII, No. 4, December, 1914, p. 283.

Type.—♀: Monticello, Illinois, bank of Sangamon River, June 21, 1914 (J. R. Malloch).

Allotype.—♂: Little Bear Lake, Grand Junction, Michigan, July 15, 1914 (C. A. Hart).

Camptocladius flavens Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 511.

Lectotype.—♂: Havana, Illinois, Chautauqua Park, along Illinois River, April 29, 1914 (C. A. Hart and J. R. Malloch).

Lectoallotype.—♀: Havana, Illinois, Chautauqua Park, along Illinois River, April 29, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: Havana, Illinois, Chautauqua Park, along Illinois River, April 29, 1914 (C. A. Hart and J. R. Malloch); St. Joseph, Illinois, along Salt Fork, May 17, 1914 (C. A. Hart and J. R. Malloch); South Haven, Michigan, shore of Lake Michigan, July 14, 1914 (C. A. Hart). Slide Nos. 3014 and 3015.

In good to poor condition. Genitalia of one male paratype and one entire female paratype mounted in balsam on slides.

Camptocladius flavibasis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 511.

Type.—♀: Urbana, Illinois, on window, August 23, 1914 (C. A. Hart and J. R. Malloch).

Camptocladius lasiophthalmus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 509.

Lectotype.—♀: Dubois, Illinois, along creek valley, April 24, 1914 (C. A. Hart and J. R. Malloch).

Paratype.—♀: Dubois, Illinois, along creek valley, April 24, 1914 (C. A. Hart and J. R. Malloch). Slide No. 3023.

Abdomen of paratype mounted in balsam on a slide.

Camptocladius subaterrimus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 512.

Type.—♂: Grand Tower, Illinois, along Mississippi River, April 21, 1914 (C. A. Hart and J. R. Malloch). Slide No. 3022.

Abdomen and genitalia mounted in balsam on a slide.

Camptocladius lasiops Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 508.

Lectotype.—♂: Urbana, Illinois, about garbage near house, November 29, 1913 (C. A. Hart and J. R. Malloch). Slide No. 3017.

Lectoallotype.—♀: Urbana, Illinois, about garbage near house, November 29, 1913 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: Urbana, Illinois, about garbage near house, November 29, 1913 (C. A. Hart and J. R. Malloch), in yard, September 6-7, 1914 (C. A. Hart and J. R. Malloch); March 29, 1914, October 5-6, 18, 1914, at light (C. A. Hart and J. R. Malloch). Slide Nos. 3018-3020.

Abdomen and genitalia of lectotype, one male paratype, one female paratype and heads of two paratypes (male and female) mounted in balsam on slides.

Chironomus abbreviatus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 451.

Lectotype.—♂: Havana, Illinois, September 10, 1910. Slide No. 2522.

Paratype.—♂: Havana, Illinois, August 18, 1896 (C. A. Hart). Acc. No. 24046. Slide No. 2523.

Genitalia of both type specimens mounted in balsam on slides.

Chironomus abortivus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 465.

Lectotype.—♂: Urbana, Illinois, at light, September 5, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2553.

Lectoallotype.—♀: Urbana, Illinois, at light, September 5, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: Urbana, Illinois, at light, September 5, 1914 (C. A. Hart and J. R. Malloch); Havana, Illinois, along Illinois River, April 27-28, 1914 (C. A. Hart and J. R. Malloch); South Haven, Michigan, at light, July 15, 1914 (C. A. Hart). Slide No. 2571.

Genitalia of lectotype and one male paratype mounted in balsam on slides.

Chironomus albovidis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 482.

Type.—♀: Urbana, Illinois, at light, June 6, 1914 (C. A. Hart and J. R. Malloch).

Type specimen bears date label of June 6, instead of July 6 as given in original description.

Chironomus basalis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 441.

Lectotype.—♂: Dubois, Illinois, on vegetation along bank of creek valley, April 24, 1914 (C. A. Hart and J. R. Malloch).

Lectoallotype.—♀: Dubois, Illinois, on vegetation along bank of creek valley, April 24, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: Dubois, Illinois, on vegetation along bank of creek valley, April 24, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2555.

Genitalia of one male paratype mounted in balsam on a slide.

Chironomus claripennis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 439.

Lectotype.—♂: South Haven, Michigan, along shore of Lake Michigan, at light, July 14, 1914 (C. A. Hart). Slide No. 2580.

Lectoallotype.—♀: South Haven, Michigan, along shore of Lake Michigan, at light, July 14, 1914 (C. A. Hart).

Paratypes.—♂ and ♀: South Haven, Michigan, along shore of Lake Michigan, at light, July 14-15, 1914 (C. A. Hart); Grand Tower, Illinois, on bank of Mississippi River, April 21, 1914 (C. A. Hart).

Genitalia of lectotype male mounted in balsam on a slide.

Chironomus coleii Malloch

Proc. Calif. Acad. Sc. (Fourth Series), Vol. IX, August 26, 1919, p. 255.

Paratype.—♂: Forest Grove, Oregon, at light, June 3, 1918 (F. R. Cole).

Chironomus crassicaudatus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 453.

Type.—♂: Peoria, Illinois, at light, October 22, 1914 (C. A. Hart). Slide No. 2980.

Paratype.—♂: Lake Lomalta, Texas, November 27, 1910 (C. A. Hart); Katherine, Texas, sweeping, December 3, 1911 (C. A. Hart). Slide Nos. 2516 and 2517.

Genitalia of all types mounted in balsam on slides.

Chironomus curtislamellatus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 471.

Type.—♂: South Haven, Michigan, at light, July 15, 1914 (C. A. Hart). Slide No. 2981.

Genitalia mounted in balsam on a slide.

Chironomus digitatus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 483.

Lectotype.—♀: Thompson's Lake, Havana, Illinois, reared from larva, May 14, 1914 (C. A. Hart and J. R. Malloch). Acc. No. 45797.

Paratypes.—♀: Havana, Illinois, flying over surface of Illinois River, May 4, 1895 (C. A. Hart). Acc. No. 13289.

Pupal exuvia, from which lectotype was reared and from which pupal description was made, is mounted in balsam on slide No. 2567. In fair condition.

Chironomus dimorphus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 464.

Lectotype.—♂: Carbondale, Illinois, creek valley, April 23, 1914 (C. A. Hart and J. R. Malloch).

Lectoallotype.—♀: Carbondale, Illinois, creek valley, April 23, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: Carbondale, Illinois, creek valley, April 23, 1914 (C. A. Hart and J. R. Malloch); Dubois, Illinois, creek valley, April 24, 1914 (C. A. Hart and J. R. Malloch); Muncie, Illinois, along Stony Creek, May 24, 1914 (C. A. Hart and J. R. Malloch); Monticello, Illinois, along Sangamon River, June 30, 1914 (C. A. Hart and J. R. Malloch).

Genitalia of two male paratypes mounted in balsam on slides.

Chironomus dorneri Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 471.

Type.—♂: Brownsville, Texas, "3-11" (G. Dorner).

Abdomen, except basal segments, missing as stated in original description.

Chironomus fallax Johannsen

N. Y. State Museum, Bull. 86, June, 1905, p. 210. ♀

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 435. ♂ and ♀.

Allotypes.—♂: Monticello, Illinois, along Sangamon River, June 28, 1914 (C. A. Hart and J. R. Malloch); Momence, Illinois, at light, July 17, 1914 (C. A. Hart and J. R. Malloch); Centerville [White Heath], Illinois, along Sangamon River, August 16, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2536.

Genitalia of one male mounted in balsam on a slide. Momence specimens collected July 17 and not July 14 as stated in original description of male. Description of male is by J. R. Malloch.

Chironomus fasciventris Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 438.

Lectotype.—♂: Dubois, Illinois, at light, April 24, 1914 (C. A. Hart and J. R. Malloch).

Lectoallotype.—♀: Dubois, Illinois, at light, April 24, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: Dubois, Illinois, at light and on vegetation along creek valley, April 24, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2976.

Genitalia of one male paratype mounted in balsam on a slide.

Chironomus fulvus Johanssen.

N. Y. State Museum, Bull. 86, June, 1905, p. 224. ♀

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 478. ♂ and ♀ Allotypes.—♂: St. Joseph, Illinois, along Salt Fork, May 3, 1914 (C. A. Hart and J. R. Malloch); Muncie, Illinois, along Stony Creek, May 24, 1914 (C. A. Hart and J. R. Malloch); South Haven, Michigan, lake shore, July 14, 1914 (C. A. Hart); Cedar Lake, Indiana, July 17, 1914 (C. A. Hart); Havana, Illinois, in slough and at lights, September 20-21, 1895 (A. Hempel); Havana, Illinois, along Illinois River, May 1, 1896, and September 18, 1895 (C. A. Hart). Acc. Nos. 13705, 13709, 13711 and 13818. Slide Nos. 2570 and 2599.

Description of male is by J. R. Malloch. Genitalia of two males mounted in balsam on slides.

Chironomus fuscicornis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 466.

Type.—♂: Havana, Illinois, on house-boat, June 15, 1914 (J. R. Malloch). Slide No. 2547.

Allotype.—♀: Havana, Illinois, on house-boat, June 15, 1914 (J. R. Malloch).

Paratypes.—♂ and ♀: Berrien Springs, Michigan, St. Joseph River, July 16, 1914 (C. A. Hart); Plummers Island, Maryland, July 6, 14, August 17, 1912 (W. L. McAtee). Slide No. 2548.

Genitalia of type and one male paratype mounted in balsam on slides.

Chironomus fusciventris Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 465.

Type.—♂: Delavan Lake, Wisconsin, September 7, 1892 (C. A. Hart). Acc. No. 18810. Slide No. 2584.

Genitalia mounted in balsam on a slide. In the original description September 9 is given, whereas date of unique type is September 7.

Chironomus griseopunctatus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 428.

Type.—♀: Momence, Illinois, at light, July 17, 1914 (C. A. Hart). In fair condition.

Chironomus griseus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 468.

Lectotype.—♂: South Haven, Michigan, along lake shore, July 14, 1914 (C. A. Hart). Slide No. 2579.

Paratype.—♂: South Haven, Michigan, along lake shore, July 15, 1914 (C. A. Hart).

Abdomen and genitalia of type mounted in balsam on a slide.

Chironomus harti Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 457.

Type.—♀: Urbana, Illinois, at light, September 5, 1914 (C. A. Hart and J. R. Malloch).

Chironomus illinoensis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 471.

Lectotype.—♂: Carbondale, Illinois, creek valley, April 23, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2545.

Lectoallotype.—♀: Carbondale, Illinois, creek valley, April 23, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: Carbondale, Illinois, creek valley, April 23, 1914 (C. A. Hart and J. R. Malloch); Golconda, Illinois, in depot, April 19, 1914.

In good condition, except abdomen of one male paratype is missing. Genitalia of lectotype mounted in balsam on a slide.

Chironomus illinoensis var. decoloratus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 472.

Lectotype.—♂: Havana, Illinois, Spoon River, September 18, 1895 (C. A. Hart). Acc. No. 13705.

Paratype.—♂: Havana, Illinois, Spoon River, September 18, 1895 (C. A. Hart). Acc. No. 13705. Slide No. 2546.

One slide mount of the genitalia (all that remains) of the paratypic male. In fair condition. Date of capture is erroneously given as September 19 in original description.

Chironomus incognitus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 480.

Type.—♂: Muncie, Illinois, along Stony Creek, May 24, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2581.

Genitalia of type mounted in balsam on a slide.

Chironomus indistinctus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 477.

Lectotype.—♂: St. Joseph, Illinois, along Salt Fork, May 3, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2593.

Paratypes.—♂: St. Joseph, Illinois, along Salt Fork, May 3, 1914 (C. A. Hart and J. R. Malloch); Havana, Illinois, Matanzas Lake, May 2, 1914. Slide Nos. 2563-2565.

In fair to poor condition. Abdomen and genitalia of lectotype and those of three paratypes mounted in balsam on slides.

Chironomus macateei Malloch

Proc. Biol. Soc. Wash., Vol. 28, March 12, 1915, p. 45.

Paratypes.—♂ and ♀: Plummers Island, Maryland, August 10-17, 1912, and June 28, 1914 (W. L. McAtee). Slide No. 2595.

Genitalia (all that remains) of a paratype mounted in balsam on a slide.

Chironomus neomodestus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 475.

Lectotype.—♂: St. Joseph, Illinois, along Salt Fork, May 3, 1914 (J. R. Malloch). Slide No. 2592.

Paratypes.—♂: St. Joseph, Illinois, along Salt Fork, May 3, 1914 (J. R. Malloch). Slide No. 2591.

Genitalia of lectotype and of one male paratype mounted in balsam on a slide.

Chironomus nigrohalteralis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 440.

Lectotype.—♂: Havana, Illinois, along river, April 28, 1914 (C. A. Hart and J. R. Malloch).

Lectoallotype.—♀: Havana, Illinois, along river, April 28, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂: Havana, Illinois, along river, April 28, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2538.

Genitalia of one male paratype mounted in balsam on a slide.

Chironomus nigrovittatus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 456.

Lectotype.—♂: Berrien Springs, Michigan, St. Joseph River, July 16, 1914 (C. A. Hart). Slide No. 2574.

Lectoallotype.—♀: St. Joseph, Illinois, along Salt Fork, May 3, 1914 (J. R. Malloch).

Paratypes.—♂ and ♀: St. Joseph, Illinois, along Salt Fork, May 3, 1914 (J. R. Malloch); South Haven, Michigan, at light, July 15, 1914 (C. A. Hart). Slide No. 2594.

The lectotype has been selected from a male listed as a paratype by Malloch. This is because the description of the species is based mainly upon a male, and no males are to be found among the St. Joseph, Illinois, specimens. In contradiction with the original description the male selected as lectotype was labeled as the type by Malloch and also the slide with its genitalia.

Chironomus nitidellus Coquillett

Proc. U. S. Nat. Mus., Vol. 23, No. 1225, March 27, 1901, p. 608. ♂

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 468. ♂ and ♀.

Allotypes.—♀: Berrien Springs, Michigan, along St. Joseph River, July 16, 1914 (C. A. Hart).

Description of the female is by J. R. Malloch.

Chironomus obscuratus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 479.

Lectotype.—♂: Dubois, Illinois, in creek valley, April 24, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2552.

Lectoallotype.—♀: Dubois, Illinois, in creek valley, April 24, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: Dubois, Illinois, in creek valley, April 24, 1914 (C. A. Hart and J. R. Malloch); Lily, Illinois, along Mackinaw River, June 11, 1914 (C. A. Hart).

In fair condition. Genitalia of lectotypic male mounted in balsam on a slide.

Chironomus parvilamellatus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 479.

Lectotype.—♂: Grand Tower, Illinois, on bank of Big Muddy River, April 22, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2600.

Paratypes.—♂: Grand Tower, Illinois, on bank of Big Muddy River, April 22, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2982.

Abdomen and genitalia of lectotypic male and one paratypic male mounted in balsam on slides.

Chironomus pseudoviridis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 450.

Lectotype.—♂: Urbana, Illinois, at light, September 5, 1914 (C. A. Hart and J. R. Malloch).

Lectoallotype.—♀: Urbana, Illinois, at light, September 5, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: Urbana, Illinois, at light, September 5, 1914 (C. A. Hart and J. R. Malloch); South Haven, Michigan, lake shore, July 14, 1914 (C. A. Hart). Slide No. 2534.

Genitalia of one paratypic male mounted in balsam on a slide. Malloch in original description lists month of collection of Urbana, Illinois, specimens as August, whereas specimens were collected in September.

Chironomus quadripunctatus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 437.

Type.—♂: Lake Delavan, Wisconsin, September 7, 1892 (C. A. Hart). Acc. No. 18810.

In fair condition.

Chironomus serus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 481.

Lectotype.—♂: Urbana, Illinois, at light, October 2, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2585.

Lectoallotype.—♀: Urbana, Illinois, on window, September 27, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: Urbana, Illinois, at light, October 2-3, 1914, on window, September 27, 1914 (C. A. Hart and J. R. Malloch); Urbana, Illinois, May 22, 1906; Havana, Illinois, at light, September 13, 1895 (C. A. Hart). Acc. No. 13572. Slide No. 2590.

Genitalia of lectotype and of one male paratype mounted in balsam on two slides.

Chironomus subaequalis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI., May, 1915, p. 440.

Lectotype.—♂: Muncie, Illinois, along Stony Creek, May 24, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2539.

Lectoallotype.—♀: Muncie, Illinois, along Stony Creek, May 24, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: Muncie, Illinois, along Stony Creek, May 24, 1914 (C. A. Hart and J. R. Malloch).

Genitalia of lectotype mounted in balsam on a slide.

Chironomus tentans var. **pallidivittatus** Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 445.

Lectotype.—♂: Havana, Illinois, August 7, 1895 (E. B. Forbes). Acc. No. 13519.

Paratype.—♂: Havana, Illinois, August 8, 1896 (C. A. Hart and C. C. Adams). Acc. No. 24022. Slide No. 2583.

Genitalia of paratypic male mounted in balsam on a slide.

Chironomus tenuicaudatus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 475.

Lectotype.—♂: Havana, Illinois, along river, April 28, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂: Havana, Illinois, along river, April 27-28, 1914 (C. A. Hart and J. R. Malloch); St. Joseph, Illinois, along Salt Fork, May 3, 1914 (C. A. Hart and J. R. Malloch); Urbana, Illinois, fair grounds, May 20, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2569.

Genitalia of one male paratype mounted in balsam on a slide.

Chironomus utahensis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 438.

Paratype.—♂: Kaysville, Utah, April 7, 1912 (E. R. Kalmbach). Slide No. 2508.

In fair condition. Genitalia mounted in balsam on a slide.

Chironomus varipennis Coquillett

Proc. U. S. Nat. Mus., Vol. 25, No. 1280, September 12, 1902, p. 94. ♂

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 427. ♂ and ♀.

Allotypes.—♀: Urbana, Illinois, in an aquarium, May 6, 1890 (C. A. Hart). Acc. No. 15661.

Description of the female is by J. R. Malloch.

Ceratopogon fusinervis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 308.

Lectotype.—♂: Grand Tower, Illinois, along river, April 21, 1914 (C. A. Hart and J. R. Malloch).

Lectoallotype.—♀: Grand Tower, Illinois, along river, April 21, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: St. Joseph, Illinois, along Salt Fork, May 3, 1914 (C. A. Hart and J. R. Malloch); Urbana, Illinois, fair grounds, May 20, 1914 (C. A. Hart and J. R. Malloch); Havana, Illinois, Matanzas Lake, May 2, 1914 (C. A. Hart and J. R. Malloch); Monticello, Illinois, along Sangamon River, June 28, 1914 (C. A. Hart and J. R. Malloch); Dubois, Illinois, April 24, 1914 (J. R. Malloch). Slide No. 2952.

One paratypic male mounted in balsam on a slide.

Corynoneura similis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 413.

Type.—♀: Havana, Illinois, along river, April 30, 1914 (J. R. Malloch).

Allotype.—♂: Havana, Illinois, along river, April 30, 1914 (J. R. Malloch). Slide No. 2876.

- Paratype.—♀: Brownsville, Texas, South Texas Garden sweepings, November 18, 1911 (C. A. Hart).
Allotype mounted in balsam on a slide.
- Cricotopus flavibasis** Malloch
Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 502.
Lectotype.—♂: Urbana, Illinois, at light, October 6, 1914 (C. A. Hart and J. R. Malloch). Slide No. 3054.
Allotype.—♀: Urbana, Illinois, at light, October 9, 1914 (C. A. Hart and J. R. Malloch).
Paratype.—♂: Urbana, Illinois, at light, October 5, 1914 (C. A. Hart and J. R. Malloch).
Genitalia of lectotype mounted in balsam on a slide.
- Cricotopus slossonae** Malloch
Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 506.
Type.—♀: Algonquin, Illinois, June 4, 1894 (W. A. Nason).
Paratype.—♀: Mt. Washington, New Hampshire (Mrs. A. T. Slosson). In fair condition.
- Culicoides crepuscularis** Malloch
Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 303.
Type.—♂: Dubois, Illinois, April 24, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2923.
Lectoallotype.—♀: Urbana, Illinois, on window, May 18, 1914 (C. A. Hart and J. R. Malloch).
Paratypes.—♂ and ♀: South Haven, Michigan, at lights, July 15, 1914 (C. A. Hart and J. R. Malloch); St. Joseph, Illinois, along Salt Fork, May 3, 1914 (C. A. Hart and J. R. Malloch).
Type male mounted in balsam on a slide.
- Culicoides haematopodus** Malloch
Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 302.
Lectotype.—♂: Urbana, Illinois, at light, May 24, 1914 (J. R. Malloch).
Lectoallotype.—♀: Urbana, Illinois, biting hands, May 24, 1914 (J. R. Malloch).
Paratypes.—♂ and ♀: Urbana, Illinois, at light, May 24, 1914 (J. R. Malloch); Urbana, Illinois, on window, June 30, 1914 (J. R. Malloch); Muncie, Illinois, bank of Stony Creek, May 24, 1914 (J. R. Malloch). Slide No. 2924.
One paratypic male mounted in balsam.
- Culicoides hierglyphicus** Malloch
Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 297.
Paratype.—♀: Ash Creek, Graham Mountain, Arizona, altitude 3200 feet, May 30, 1914 (E. G. Holt).
- Culicoides multipunctatus** Malloch
Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 296.
Lectotype.—♀: Urbana, Illinois, at light, October 2, 1914 (C. A. Hart and J. R. Malloch).
Paratype.—♀: Urbana, Illinois, at light, October 3, 1914 (C. A. Hart and J. R. Malloch).
- Diamesa borealis** Garrett
Seventy New Diptera (Privately published), Cranbrook, British Columbia, December 31, 1925, p. 6.
Paratypes.—♂ and ♀: Cranbrook, British Columbia, May 10 and October 9 (C. Garrett).
- Euforcipomyia hirtipennis** Malloch
Bull. Ill. State Lab. Nat. Hist., Vol. XI, Art. IV, December, 1915, p. 313.
Lectotype.—♀: Urbana, Illinois, on window, June 30, 1915 (J. R. Malloch).
Paratype.—♀: Urbana, Illinois, on window, June 30, 1915 (J. R. Malloch).
The genotype of *Euforcipomyia* Malloch (original designation).

Euforcipomyia longitarsis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. XI, Art. IV, December, 1915, p. 314.

Type.—♀: Urbana, Illinois, on window, August 24, 1915 (J. R. Malloch).

Forcipomyia aurea Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 318.

Lectotype.—♀: Momence, Illinois, at light, July 17, 1914 (C. A. Hart).

Lectoallotype.—♂: Momence, Illinois, at light, July 17, 1914 (C. A. Hart).
Slide No. 2921.

Paratype.—♂: Centerville [White Heath], Illinois, along Sangamon River, August 17, 1914 (J. R. Malloch).

Lectoallotype mounted in balsam on a slide.

Forcipomyia elegantula Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. XI, Art. IV, December, 1915, p. 311.

Lectotype.—♀: Urbana, Illinois, on window, June 28, 1915 (J. R. Malloch).

Lectoallotype.—♂: Urbana, Illinois, on window, August 13, 1915 (J. R. Malloch).

Paratype.—♀: Urbana, Illinois, on window, August 5, 1915 (J. R. Malloch).

Forcipomyia pergandei var. **concolor** Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 319.

Lectotype.—♀: Grand Tower, Illinois, at light, April 22, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♀: Grand Tower Illinois, along river, April 21, 1914 (C. A. Hart and J. R. Malloch); Urbana, Illinois, on window, July 4, 7, 1914 (C. A. Hart and J. R. Malloch).

The dates of April 21 and July 4 should have been listed in original description.

Hartomyia antennalis (Coquillett)

Proc. U. S. Nat. Mus., Vol. 23, No. 1225, March 27, 1901, p. 606. ♀

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 343. ♂ and ♀.

Allotypes.—♂: Monticello, Illinois, along Sangamon River, June 30, 1914 (C. A. Hart and J. R. Malloch); Urbana, Illinois, fair ground, near Salt Fork, May 23, 1915 (C. A. Hart and J. R. Malloch).

The description of the male is by J. R. Malloch.

Hartomyia lutea Malloch

Bull. Brook. Ent. Soc., Vol. XIII, No. 1, February, 1918, p. 18.

Type.—♀: Elizabeth, Illinois, July 7, 1917 (J. R. Malloch).

Hartomyia pallidiventris Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 344.

Lectotype.—♀: Urbana, Illinois, fair grounds, near Salt Fork, May 20, 1914 (J. R. Malloch).

Paratype.—♀: Lafayette, Indiana, July 25, 1914 (J. M. Aldrich).

The paratype differs from type in having the dorsum of the abdomen darkened.

Hartomyia picta (Coquillett)

Journ. N. Y. Ent. Soc., Vol. XIII, No. 2, June, 1905, p. 60. ♀

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 341. ♂ and ♀

Allotypes.—♂: Urbana, Illinois, fair grounds, near Salt Fork, May 20, July 4, 1914 (J. R. Malloch).

The description of the allotypes is by J. R. Malloch. The genotype of *Hartomyia* Malloch (original designation).

Heteromyia aldrichi Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 326.

Type.—♀: Moscow, Idaho (J. M. Aldrich).

Heteromyia hirta Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 330.

Lectotype.—♀: Muncie, Illinois, along Stony Creek, May 21, 1914 (J. R. Malloch).

- Lectoallotype.—♂: Muncie, Illinois, along Stony Creek, May 24, 1914 (J. R. Malloch).
 Paratype.—♀: Muncie, Illinois, along Stony Creek, July 5, 1914 (J. R. Malloch).
- Heteromyia opacithorax** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 329.
 Type.—♀: St. Joseph, Illinois, along bank of Salt Fork, May 17, 1914 (J. R. Malloch).
 Paratype.—♀: Dubois, Illinois, creek valley, April 24, 1914 (J. R. Malloch).
- Heteromyia tenuicornis** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 328.
 Type.—♀: Polk County, Wisconsin, July (Baker).
- Johannseniella flavidula** (Malloch)
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. IV, June, 1914, p. 230.
 Lectotype.—♀: Havana, Illinois, Illinois River, reared from pupa, May 3, 1895 (C. A. Hart).
 Lectoallotype.—♂: Havana, Illinois, Illinois River, reared from pupa, May 3, 1895 (C. A. Hart).
 Paratypes.—♂ and ♀: Havana, Illinois, Illinois River, reared from pupae, May 2-25, 1895 (C. A. Hart); Algonquin, Illinois, May 11, 1894 (W. A. Nason). Slide Nos. 2940 and 2941.
 One paratype mounted in balsam on two slides. Now placed in the genus *Johannsenomyia* Malloch.
- Johannsenomyia aequalis** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 336.
 Type.—♂: Muncie, Illinois, along Stony Creek, July 5, 1914 (J. R. Malloch).
 Paratype.—♂: Centerville [White Heath], Illinois, along Sangamon River, August 16, 1914 (J. R. Malloch).
- Johannsenomyia albibasis** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. XI, Art. IV, December, 1915, p. 315.
 Lectotype.—♀: White Heath, Illinois, along Sangamon River, May 8, 1915 (J. R. Malloch).
 Lectoallotype.—♂: White Heath, Illinois, along Sangamon River, May 8, 1915 (J. R. Malloch).
 Paratypes.—♂ and ♀: White Heath, Illinois, along Sangamon River, May 8, 9, 16, 30, 1915 (J. R. Malloch).
- Johannsenomyia annulicornis** Malloch
 Ent. News, Vol. XXIX, No. 6, June, 1918, p. 230.
 Type.—♀: Lake Villa, Illinois, lake shore, July 21, 1916 (C. A. Hart).
- Johannsenomyia argentata** (Loew)
 Berl. Ent. Zeitschr., 1861, p. 310. ♀
 Bull. Ill. State Lab. Nat. Hist., Vol. XI, Art. IV, December, 1915, p. 317.
 ♂ and ♀
 Allotypes.—♂: White Heath, Illinois, May 30 and July 11, 1915 (C. A. Hart and J. R. Malloch).
 The description of the male is by J. R. Malloch.
- Johannsenomyia caudelli** (Coquillett)
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 333.
 Allotypes.—♂: Lafayette, Indiana, May 2, 1914 (J. M. Aldrich); Grand Tower, Illinois, Big Muddy River, May 5, 1914; St. Joseph, Illinois, Salt Fork, May 10, 1914; Carmi, Illinois, Little Wabash River, April 18, 1914. Acc. Nos. 45775 and 45781.
 Allotypes described by J. R. Malloch for first time in key.

Johannsenomyia halteralis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 338.

Lectotype.—♂: Monticello, Illinois, along Sangamon River, June 21, 1914 (J. R. Malloch).

Lectoallotype.—♀: Monticello, Illinois, along Sangamon River, June 21, 1914 (J. R. Malloch).

Paratypes.—♂: Monticello, Illinois, along Sangamon River, June 30, 1914 (J. R. Malloch); Muncie, Illinois, along Stony Creek, July 5, 1914 (J. R. Malloch); Lilly, Illinois, along Mackinaw River, June 11, 1914 (C. A. Hart).

Johannsenomyia macroneura Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 337.

Type.—♀: Lawrence, Kansas.

Metricnemus annuliventris Malloch

Proc. Biol. Soc. Wash., Vol. XXVIII, March 12, 1915, p. 46.

Lectotype.—♂: Stanford University, California, March 18, 1906 (J. M. Aldrich). Slide No. 3093.

Paratype.—♂: Stanford University, California, March 18, 1906 (J. M. Aldrich).

Genitalia of lectotype mounted in balsam on a slide.

Metricnemus brachyneura Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 498.

Type.—♂: Muncie, Illinois, along Stony Creek, May 24, 1914 (C. A. Hart and J. R. Malloch). Slide No. 3094.

Allotype.—♀: Madison, Wisconsin, at light, August 26, 1913 (A. C. Burrill).

Paratypes.—♂ and ♀: Madison, Wisconsin, at light, August 26, 1913 (A. C. Burrill). Slide Nos. 3095.

Genitalia of type and one paratypic male mounted in balsam on two slides.

Orthocladus bifasciatus Malloch

Bull. Brook. Ent. Soc., Vol. XIII, No. 2, April, 1918, p. 42.

Lectotype.—♀: Stratford, Illinois, June 22, 1917 (J. R. Malloch).

Paratypes.—♀: Stratford, Illinois, June 22, 1917 (J. R. Malloch).

Orthocladus (Dactylocladius) albidohalteralis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 528.

Type.—♀: Monticello, Illinois, along Sangamon River, June 30, 1914 (C. A. Hart and J. R. Malloch).

Orthocladus (Dactylocladius) brevinervis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 526.

Type.—♂: Muncie, Illinois, along Stony Creek, May 24, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2989.

Paratypes.—♂: East Peoria, Illinois, along farm creek, April 10, 1912 (C. A. Hart); Havana, Illinois, mouth of Spoon River, at light, April 22, 1898 (C. A. Hart). Acc. No. 24353. Slide No. 2988.

Genitalia of type and one male paratype mounted in balsam on two slides.

Orthocladus (Dactylocladius) pleuralis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 527.

Type.—♂: St. Joseph, Illinois, along Salt Fork, May 17, 1914 (J. R. Malloch). Slide No. 2999.

Genitalia mounted in balsam on a slide.

Orthocladus (Orthocladus) flavoscutellatus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 523.

Type.—♂: Muncie, Illinois, along Stony Creek, May 24, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2991.

In poor condition. Genitalia mounted in balsam on a slide.

- Orthocladius (Orthocladius) lacteipennis** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 524.
 Type.—♂: South Haven, Michigan, shore of Lake Michigan, July 14, 1914 (C. A. Hart). Slide No. 2992.
 Genitalia mounted in balsam on a slide.
- Orthocladius (Orthocladius) nigratus** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 225.
 Paratypes.—♂: Cabin John Run, Maryland, February 16, 1913 (W. D. Appel). Slide Nos. 2993 and 2994.
 Portion of abdomen and genitalia of both specimens mounted in balsam on slides.
- Orthocladius (Orthocladius) pilipes** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 522.
 Lectotype.—♂: Urbana, Illinois, swarming about evergreens, March 21, 1889 (John Marten). Acc. No. 14781. Slide No. 2997.
 Paratypes.—♂: Urbana, Illinois, swarming about evergreens, March 21, 1889 (John Marten). Acc. No. 14781. Slide Nos. 2996 and 2998.
 In good to poor condition. Abdomen and genitalia of lectotype and of two paratypes mounted in balsam on three slides.
- Orthocladius (Orthocladius) subparallelus** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 522.
 Lectotype.—♂: Grand Tower, Illinois, along Mississippi River, April 21, 1914 (C. A. Hart and J. R. Malloch). Slide No. 3000.
 Paratypes.—♂: Grand Tower, Illinois, along Mississippi River, April 21, 1914 (C. A. Hart and J. R. Malloch).
 Abdomen and genitalia of lectotype mounted in balsam on a slide.
- Orthocladius (Trichocladius) distinctus** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 518.
 Lectotype.—♂: Havana, Illinois, Chautauqua Park, April 29, 1914 (C. A. Hart and J. R. Malloch).
 Lectoallotype.—♀: Havana, Illinois, Chautauqua Park, April 29, 1914 (C. A. Hart and J. R. Malloch).
 Paratypes.—♂ and ♀: Havana, Illinois, Chautauqua Park, April 29, 1914 (C. A. Hart and J. R. Malloch). Slide No. 3058.
 Genitalia of one paratype male mounted in balsam on a slide.
- Orthocladius (Trichocladius) distinctus** var. **basalis** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 519.
 Lectotype.—♂: Havana, Illinois, along shore of Illinois River, April 28, 1914 (C. A. Hart and J. R. Malloch).
 Lectoallotype.—♀: Havana, Illinois, along shore of Illinois River, April 28, 1914 (C. A. Hart and J. R. Malloch).
 Paratypes.—♂ and ♀: Havana, Illinois, along shore of Illinois River, April 28-30, 1914 (C. A. Hart and J. R. Malloch); Grand Tower, Illinois, along Big Muddy River, April 22, 1914 (C. A. Hart and J. R. Malloch); Muncie, Illinois, along Stony Creek, May 24, 1914 (C. A. Hart and J. R. Malloch); Rock Island, Illinois, at light, October 21, 1914 (C. A. Hart and J. R. Malloch); Peoria, Illinois, at light, October 22, 1914 (C. A. Hart and J. R. Malloch); St. Joseph, Illinois, along Salt Fork, May 3 (not May 30 as stated in original description), 1914 (C. A. Hart and J. R. Malloch). Slides Nos. 3025-3027.
 Genitalia of two male paratypes, and one male and two female adult paratypes, mounted in balsam on three slides.
- Orthocladius (Trichocladius) distinctus** var. **bicolor** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 519.
 Lectotype.—♂: St. Joseph, Illinois, along Salt Fork, May 3, 1914 (J. R. Malloch).
 Paratype.—♂: St. Joseph, Illinois, along Salt Fork, May 3, 1914 (J. R. Malloch).

- Orthocladius (Trichocladius) infuscatus** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 517.
 Type.—♂: Peoria, Illinois, at light, October 22, 1914 (C. A. Hart). Slide No. 3059.
 Genitalia mounted in balsam on a slide.
- Orthocladius (Trichocladius) nitidellus** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 515.
 Type.—♂: St. Joseph, Illinois, along Salt Fork, May 17, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2990.
 Abdomen and genitalia mounted in balsam on a slide.
- Orthocladius (Trichocladius) nitidus** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 515.
 Type.—♂: Monticello, Illinois, along Sangamon River, June 28, 1914 (C. A. Hart and J. R. Malloch). Slide No. 3060.
 Abdomen and genitalia mounted in balsam on a slide.
- Orthocladius (Trichocladius) striatus** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 517.
 Type.—♂: Dubois, Illinois, creek valley, April 24, 1914 (C. A. Hart and J. R. Malloch). Slide No. 3061.
 Abdomen and genitalia mounted in balsam on a slide.
- Orthocladius (Psectrocladius) vernalis** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 520.
 Type.—♂: Dubois, Illinois, creek valley, April 24, 1914 (C. A. Hart and J. R. Malloch). Slide No. 3057.
 Genitalia mounted in balsam on a slide.
- Palpomyia illinoensis** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. IV, June, 1914, p. 219.
 Type.—♀: Algonquin, Illinois, May 25, 1894 (W. A. Nason).
 Originally assigned specific name of *illinoensis*, but later emended by author to *illinoensis*.
- Palpomyia nebulosa** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 322.
 Type.—♀: Grand Junction, (Columbia) Michigan, Little Bear Lake, July 15, 1914 (C. A. Hart).
 Paratype.—♀: Polk County, Wisconsin, July (Baker).
- Parabezzia petiolata** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 359.
 Lectotype.—♂: Muncie, Illinois, along Stony Creek, July 5, 1914 (C. A. Hart and J. R. Malloch).
 Paratypes.—♂: Muncie, Illinois, along Stony Creek, July 5, 1914, and May 24, 1914 (C. A. Hart and J. R. Malloch).
 The genotype of *Parabezzia* Malloch (original designation).
- Probezzia fulvithorax** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 354.
 Lectotype.—♀: Urbana, Illinois, at light on windows, July 7, 1914 (C. A. Hart and J. R. Malloch).
 Lectotype.—♂: Urbana, Illinois, at light on windows, July 7, 1914 (C. A. Hart and J. R. Malloch).
 Paratypes.—♀: Urbana, Illinois, at light on windows, July 7, 1914 (C. A. Hart and J. R. Malloch); Grand Junction (Columbia), Michigan, Little Bear Lake, July 15, 1914 (C. A. Hart).
- Probezzia incerta** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 358.
 Lectotype.—♀: Monticello, Illinois, along Sangamon River, June 20, 1914 (J. R. Malloch).
 Paratype.—♀: Monticello, Illinois, along Sangamon River, June 21, 1914 (J. R. Malloch).

***Probezzia infuscata* Malloch**

- Bull. Ill. State Lab. Nat. Hist., Vol. XI, Art. IV, December, 1915, p. 316.
 Lectotype.—♀: White Heath, Illinois, along bank of Sangamon River,
 May 16, 1915 (J. R. Malloch).
 Lectoallotype.—♂: White Heath, Illinois, along bank of Sangamon River,
 May 16, 1915 (J. R. Malloch).
 Paratypes.—♂ and ♀: White Heath, Illinois, along bank of Sangamon
 River, May 9, 16 and 30, 1915 (J. R. Malloch).

***Probezzia obscura* Malloch**

- Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 355.
 Type.—♀: Ithaca, New York, July 15, 1901 (O. A. Johannsen).
 In fair condition.

***Probezzia pallida* Malloch**

- Proc. Biol. Soc. Wash., Vol. 27, July 10, 1914, p. 138.
 Type.—♀: Muncie, Illinois, along Stony Creek, May 24, 1914 (C. A. Hart
 and J. R. Malloch).
 Allotypes.—♂: White Heath, Illinois, on bank of Sangamon River, May
 16, 1915 (J. R. Malloch).
 Paratypes.—♂ and ♀: Monticello, Illinois, along Sangamon River, June
 21, 1914 (J. R. Malloch); White Heath, Illinois, on bank of Sangamon
 River, May 16, 1915 (J. R. Malloch).
 Description of males first given by Malloch in Bull. Ill. State. Lab. Nat.
 Hist., Vol. XI, Art. IV, December, 1915, p. 318.

***Protenthes claripennis* Malloch**

- Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 387.
 Lectotype.—♂: South Haven, Michigan, lake shore, July 14, 1914 (C. A.
 Hart). Slide No. 2458.
 Lectoallotype.—♀: South Haven, Michigan, lake shore, July 14, 1914 (C.
 A. Hart).
 Paratypes.—♂ and ♀: South Haven, Michigan, lake shore, July 14, 1914
 (C. A. Hart).

Genitalia of lectotype mounted in balsam on a slide.

***Protenthes riparius* Malloch**

- Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 389.
 Type.—♂: Havana, Illinois, Thompson's Lake, May 1, 1912. Slide No.
 2484.
 Allotype.—♀: Havana, Illinois, April 20, 1898 (C. A. Hart). Acc. No.
 24349.
 Paratypes.—♂ and ♀: Havana, Illinois, April 19, 1898 (C. A. Hart);
 Havana, Illinois, on house-boat, April 30, 1912. Acc. No. 24347.
 Genitalia of type mounted in balsam on a slide.

***Pseudochironomus richardsoni* Malloch**

- Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 500.
 Lectotype.—♀: Havana, Illinois, Chautanqua Park, April 29, 1914 (C. A.
 Hart and J. R. Malloch).
 Lectoallotype.—♀: Havana, Illinois, Chautanqua Park, April 29-May 30,
 1914 (C. A. Hart and J. R. Malloch).
 Paratypes.—♂ and ♀: Havana, Illinois, Chautanqua Park and Thomp-
 son's Lake, April 29-May 30, 1914 (C. A. Hart and J. R. Malloch); Mo-
 mence, Illinois, at light, July 17, 1914 (C. A. Hart). Slide Nos. 3048,
 3049, 3051 and 3052.

The genotype of *Pseudochironomus* Malloch (original designation). Gen-
 italia of two male paratypes, heads of three female paratypes and pupal
 exuviae of type specimens mounted in balsam on eight slides.

***Pseudoculicoides johannseni* Malloch**

- Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 311.
 Lectotype.—♂: Palo Alto, California. Slide No. 2935.

Paratypes.—♂: Palo Alto, California. Slide No. 2936.
Genitalia of lectotype and one paratype mounted in balsam on two slides.

Pseudoculicoides major Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 311.
Type.—♂: Urbana, Illinois, at light, July 2, 1914 (J. R. Malloch). Slide No. 2932.
Allotype.—♀: Ithaca, New York (O. A. Johannsen).
Genitalia of male type mounted in balsam on a slide.

Serromyia crassifemorata Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. IV, June, 1914, p. 218.
Lectotype.—♀: Mt. Carmel, Illinois, May 28, 1884 (H. Garman). Acc. No. 1789.
Paratype.—♀: Mt. Carmel, Illinois, May 28, 1884 (H. Garman). Acc. No. 1789.

Tanypus cornuticaudatus Walley

Can. Ent., Vol. LVII, No. 11, November, 1925, p. 277.
Paratypes.—♂ and ♀: Ottawa, Canada, July 26, 31, 1924 (C. H. Curran).

Tanypus decoloratus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 370.
Lectotype.—♂: Havana, Illinois, Thompson's Lake, May 1, 1914 (J. R. Malloch). Acc. No. 45796.
Lectoallotype.—♀: Havana, Illinois, at light, September 12, 1895 (C. A. Hart). Acc. No. 13570.
Paratype.—♂: Muncie, Illinois, bank of Stony Creek, May 24, 1914 (J. R. Malloch).
Larval and pupal exuviae of lectotypic male mounted in balsam on Slide No. 2443.

Tanypus hirtipennis Loew

Berl. Ent. Zeitschr., 1866, p. 5. ♀
Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 367. ♂ and ♀
Allotypes.—♂: Urbana, Illinois, May 20, 1906; Dubois, Illinois, in creek valley, April 24, 1914 (C. A. Hart and J. R. Malloch); Golconda, Illinois, April 18, 1914 (C. A. Hart and J. R. Malloch); Grand Tower, Illinois, along ditch, April 22, 1914 (C. A. Hart and J. R. Malloch). Slide Nos. 2455, 2463 and 2464.
The description of the male is by J. R. Malloch. Genitalia of three allotypes mounted in balsam on three slides.

Tanypus illinoensis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 376.
Lectotype.—♂: Havana, Illinois, May 1, 1895 (C. A. Hart). Acc. No. 13819.
Lectoallotype.—♀: Havana, Illinois, September 27, 1895 (C. A. Hart). Acc. No. 13721.
Paratypes.—♂ and ♀: Havana, Illinois, May 1-September 27, 1895-1896 (C. A. Hart and E. B. Forbes); Lake Delavan, Wisconsin, September 5-7, 1892 (C. A. Hart); Carbondale, Illinois, April 27, 1908; Algonquin, Illinois, May 13, 1896 (W. A. Nason); Havana, Illinois, September 10, 1910. Acc. Nos. 11589, 13519, 13552, 13705, 13721, 13818, 13819, 13837, 13843, 13856, 13964, 13972, 13799, 18810, 18811, 22080, 22083, 24016, 24022 and 45782. Slide Nos. 2466 and 2468.
Apical abdominal segments and genitalia of two male paratypes mounted in balsam on two slides.

Tanypus inconspicuus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 371.
Lectotype.—♂: Easton, Illinois, Central Ditch, May 1, 1914.
Lectoallotype.—♀: Easton, Illinois, Central Ditch, May 1, 1914.

Paratypes.—♂ and ♀: Easton, Illinois, Central Ditch, May 1, 1914. Slide No. 2469.

In good to fair condition. Apical abdominal segments and genitalia of one paratypic male mounted in balsam on a slide number 2469.

Tanytus mallochii Walley

Can. Ent., Vol. LVII, No. 11, November, 1925, p. 273.

Paratypes.—♂ and ♀: Ottawa, Canada, July 4, 1923 (C. H. Curran); Aylmer, Quebec, Canada, September 7, 1924 (C. H. Curran).

Tanytus marginellus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 374.

Lectotype.—♂: Dubois, Illinois, in creek valley, April 24, 1914 (C. A. Hart and J. R. Malloch). Slide No. 2459.

Paratype.—♂: Dubois, Illinois, in creek valley, April 24, 1914 (C. A. Hart and J. R. Malloch).

Abdomen and genitalia of lectotype mounted in balsam on a slide.

Tanytarsus confusus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 490.

Lectotype.—♂: Urbana, Illinois, Fair Grounds, May 20, 1914 (C. A. Hart and J. R. Malloch).

Lectoallotype.—♀: Urbana, Illinois, Fair Grounds, May 20, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: Urbana, Illinois, at light, October 2, 3, 1914 (C. A. Hart and J. R. Malloch); Havana, Illinois, along river, April 28, 1914 (C. A. Hart and J. R. Malloch); Muncie, Illinois, along Stony Creek, May 24, 1914 (C. A. Hart and J. R. Malloch); Momence, Illinois, at light, July 17, 1914 (C. A. Hart and J. R. Malloch). Slide No. 3069.

Genitalia of paratypic male mounted in balsam on a slide.

Tanytarsus dubius Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 496.

Lectotype.—♂: Havana, Illinois, Chautauqua Park, April 29, 1914 (C. A. Hart and J. R. Malloch).

Lectoallotype.—♀: Havana, Illinois, Chautauqua Park, April 29, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: Havana, Illinois, along Illinois River and at Chautauqua Park, April 28-29, 1914 (C. A. Hart and J. R. Malloch). Slide No. 3063.

Genitalia of one paratypic male mounted in balsam on a slide.

Tanytarsus flavicauda Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 493.

Lectotype.—♂: Carbondale, Illinois, along creek valley, April 23, 1914 (C. A. Hart and J. R. Malloch). Slide No. 3078.

Lectoallotype.—♀: Carbondale, Illinois, along creek valley, April 23, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: Carbondale, Illinois, along creek valley, April 23, 1914 (C. A. Hart and J. R. Malloch); Havana, Illinois, along river, April 28, 1914 (C. A. Hart and J. R. Malloch).

Paratypic females collected April 28 and not April 29 as stated in original description. Genitalia and portion of abdomen of lectotype mounted in balsam on a slide.

Tanytarsus muticus Johannsen

N. Y. State Museum, Bull. 86, June, 1905, p. 294. ♂

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 494. ♀

Allotype.—♀: Urbana, Illinois, at light, October 6, 1914 (C. A. Hart and J. R. Malloch).

Description of the female is by J. R. Malloch.

Tanytarsus neoflavellus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 489.

Lectotype.—♂: Dubois, Illinois, April 25, 1914 (J. R. Malloch).

Paratypes.—♂: Dubois, Illinois, along creek valley and at light, April 24, 1914 (J. R. Malloch).

Female also described in original description but no specimens of this sex were found in collection.

Tanytarsus politus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 493.

Lectotype.—♂: Easton, Illinois, along Central Dredge Ditch, May 1, 1914 (C. A. Hart and J. R. Malloch). Slide No. 3089.

Paratypes.—♂: Easton, Illinois, along Central Dredge Ditch, May 1, 1914 (C. A. Hart and J. R. Malloch).

Genitalia of lectotypic male mounted in balsam on a slide.

Tanytarsus similatus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 494.

Lectotype.—♂: Madison Wisconsin, May 1, 1910 (J. G. Sanders). Slide No. 3084.

Allotype.—♀: Madison, Wisconsin, May 1, 1910 (J. G. Sanders).

Paratype.—♂: Madison, Wisconsin, May 1, 1910 (J. G. Sanders).

Genitalia of lectotype mounted in balsam on a slide. In fair condition.

Tanytarsus viridiventris Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, May, 1915, p. 491.

Lectotype.—♂: South Haven, Michigan, shore of Lake Michigan, July 14, 1914 (C. A. Hart).

Paratypes.—♂: South Haven, Michigan, shore of Lake Michigan, July 14, 1914 (C. A. Hart). Slide No. 3083.

Genitalia of one paratype mounted in balsam on a slide.

Family MYCETOPHILIDAE

Boletina punctus Garrett

Sixty-one New Diptera (Privately published), Cranbrook, British Columbia, February 7, 1925, p. 5.

Paratypes.—♂ and ♀: Creston, British Columbia, July 4 (C. Garrett).

Bolitophila subteresa Garrett

Sixty-one New Diptera (Privately published), Cranbrook, British Columbia, February 7, 1925, p. 7.

Paratype.—♀: Michel, British Columbia, Wilson Creek, September 9 (C. Garrett).

Macrocera distincta Garrett

Sixty-one New Diptera (Privately published), Cranbrook, British Columbia, February 7, 1925, p. 8.

Paratypes.—♂: Cranbrook, British Columbia, July 10 and 14 (C. Garrett).

Macrocera variola Garrett

Sixty-one New Diptera (Privately published), Cranbrook, British Columbia, February 7, 1925, p. 7.

Paratypes.—♂ and ♀: Cranbrook, British Columbia, September 9 (C. Garrett); Marysville, British Columbia, July 1 (C. Garrett).

Mycomya magna Garrett

Ins. Insc. Mens., Vol. XII, Nos. 4-6, April-June, 1924, p. 64.

Paratype.—♂: Fernie, British Columbia, July 24 (C. Garrett).

Mycomya vulgaris Garrett

Ins. Insc. Mens., Vol. XII, Nos. 4-6, April-June, 1924, p. 63.

Paratypes.—♂ and ♀: Fernie, British Columbia, July 23-24 (C. Garrett).

Sceptonia johannsoni Garrett

Seventy New Diptera (Privately published), Cranbrook, British Columbia, December 31, 1925, p. 15.

Paratypes.—♂ and ♀: Marysville, British Columbia, August 1 (C. Garrett).

Sciophila parvus Garrett

Sixty-one New Diptera (Privately published), Cranbrook, British Columbia, February 7, 1925, p. 10.

Paratype.—♀: Cranbrook, British Columbia, June 2, 1920 (C. Garrett).

Zygoneura fenestrata Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, June, 1914, p. 233.

Lectotype.—♂: Urbana, Illinois, on window, November 7, 1913 (C. A. Hart and J. R. Malloch).

Lectoallotype.—♀: Urbana, Illinois, on window, November 7, 1913 (C. A. Hart and J. R. Malloch). Slide No. 1841.

Paratypes.—♂ and ♀: Urbana, Illinois, on window, November 7, 13, 14, 1913 (C. A. Hart and J. R. Malloch). Slide No. 1848.

Lectoallotype and one male paratype mounted in balsam on two slides.

Zygomomyia interrupta Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, June, 1914, p. 234.

Type.—♂: Urbana, Illinois, on window, November 13 1913 (J. R. Malloch).

Family ITONIDIDAE

Lasioptera muhlenbergiae Marten

Ohio Agr. Exp. Station, Tech. Ser., Vol. 1, No. 3, Art. 1X, April, 1893, p. 155.

Cotypes.—♂ and ♀: Urbana, Illinois reared from fusiform stem gall May 9-June 2, 1892 (J. Marten).

Also pupae and pupal exuviae of cotypes. Now considered as synonymous with *Asteromyia agrostis* Osten Sacken. Numerous male and especially female cotypes preserved in alcohol. In poor condition. Acc. Nos. 17979, 17980, 17981, 17999, 18011, 18041, 18122.

Family BIBIONIDAE

Forbesomyia atra Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. VI, June, 1914, p. 235.

Type.—♀: Urbana, Illinois, on window, November 7, 1913 (C. A. Hart and J. R. Malloch).

In fair condition. The genotype of *Forbesomyia* Malloch (original designation and monobasic.)

Family SCATOPSIDAE

Aspistes harti D Malloch

Ent. News, Vol. XXXI, No. 10, December, 1920, p. 275.

Type.—♂: Havana, Illinois, Quiver Lake, May 5, 1896 (C. A. Hart). Acc. No. 13819.

Allotype.—♀: Havana, Illinois, Quiver Lake, May 5, 1896 (C. A. Hart). Acc. No. 13819.

Paratypes.—♂ and ♀: Havana, Illinois, Quiver Lake, May 20, 1894 (C. A. Hart); Meredosia, Illinois, May 28, 1917 (J. R. Malloch); Havana, Illinois, June 3, 1918 (J. R. Malloch); Oregon, Illinois, June 19, 1917 (J. R. Malloch). Acc. No. 13143.

Mr. Malloch, D when describing this species, wrote that the accession catalogue containing the data concerning some of the type specimens was missing. The fortunate recovery of the accession catalogue containing the Illinois aquatic records has enabled me to publish the data pertaining to the type, allotype and two paratypes.

Family SIMULIIDAE

Prosimulium mutatum Malloch

Bull. U. S. Bur. Ent., Tech. Ser. No. 26, 1914, p. 20.

Paratypes.—♀: Jamesburg, New Jersey, April 30, 1911; Homer, Illinois, April 25, 1909.

Simulium arcticum Malloch

Bull. U. S. Bur. Ent., Tech. Ser. No. 26, 1914, p. 37.

Paratypes.—♂: Kaslo, British Columbia, June 13 and July 4 (H. G. Dyar and R. P. Currie).

Simulium forbesi Malloch

Bull. U. S. Bur. Ent., Tech. Ser. No. 26, April 6, 1914, p. 63.

Type.—♀: Havana, Illinois, White Oak Run, June 7, 1912 (A. W. J. Pomeroy). Acc. No. 45753.

Paratypes.—♀: Havana, Illinois, Chautauqua Park, June 1, 1912 (A. W. J. Pomeroy); Havana, Illinois, White Oak Run, June 7, 1912 (A. W. J. Pomeroy). Acc. No. 45753.

Though the male is stated to be described from many specimens, no males were found in the collection labeled *forbesi* by Malloch.**Simulium johannseni** Hart

Twenty-seventh Rep. State Ent. Ill., 1912, p. 32.

Lectotype.—♀: Havana, Illinois, on house boat, shore of Illinois River, April 26, 1912.

Lectoallotype.—♂: Havana, Illinois, on house boat, shore of Illinois River, April 26, 1912.

Paratypes.—♂ and ♀: Havana, Illinois, on house boat, shore of Illinois River, April 26, 1912.

Simulium parnassum Malloch

Bull. U. S. Bur. Ent., Tech. Ser. No. 26, 1914, p. 36.

Paratype.—♀: Skyland, Page County, Virginia, July 15, 1912 (H. G. Dyar).

Simulium venustoides Hart

Twenty-seventh Rep. State Ent. Ill., 1912, p. 42.

Lectotype.—♂: Algonquin, Illinois, July 8, 1896 (W. A. Nason).

Lectoallotype.—♀: Algonquin, Illinois, October 20, 1894 (W. A. Nason).

Paratypes.—♂ and ♀: Algonquin, Illinois, April, May, August, September and October, 1894-1896 (W. A. Nason).

This species is now considered as synonymous with *Simulium piscicidum* Riley.

Family BLEPHAROCERIDAE

Philorus markii Garrett

Seventy New Diptera (Privately published), Cranbrook, British Columbia, December 31, 1925, p. 5.

Paratype.—♂: Fort Steele, British Columbia, July 21 (C. Garrett).

Family STRATIOMYIIDAE

Eupachygaster henshawi Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. XII, Art. III, March, 1917, p. 338.

Type.—♀: Savoy, Illinois, May 4, 1914 (J. R. Malloch). Acc. No. 46357.

Reared June 17, 1914, from larva found under bark of apple tree.

Eupachygaster punctifer Malloch

Ann. Ent. Soc. Amer., Vol. VIII, No. 4, December, 1915, p. 316.

Type.—♀: Algonquin, Illinois (W. A. Nason).

- Johnsonomyia aldrichi** Malloch
Ann. Ent. Soc. Amer., Vol. VIII, No. 4, December, 1915, p. 313.
Allotype.—♀: Victoria, Texas, April 9, 1914 (Bishopp No. 3266).
In fair condition. The genotype of *Johnsonomyia* Malloch (original designation and monobasic).
- Nemotelus bellulus** Melander
Psyche, Vol. X, October-December, 1903, p. 183.
Cotype.—♀: Galveston, Texas, June, 1900 (A. L. Melander).
- Nemotelus bonnarius** Johnson
Psyche, Vol. XIX, No. 1, February, 1912, p. 4.
Paratypes.—♂ and ♀: Farewell Creek, South Saskatchewan, Canada, August, 1907 (Mrs. V. A. Armstrong).
- Nemotelus bruesii** Melander
Psyche, Vol. X, October-December, 1903, p. 179.
Cotypes.—♂ and ♀: Austin, Texas, April 8 and 12, 1900 (A. L. Melander and C. T. Brues).
- Nemotelus trinotatus** Melander
Psyche, Vol. X, October-December, 1903, p. 180.
Cotypes.—♂ and ♀: Austin, Texas, May 11, 1900 (A. L. Melander and C. T. Brues).
- Nemotelus wheeler** Melander
Psyche, Vol. X, October-December, 1903, p. 182.
Cotype.—♀: Galveston, Texas, June, 1900 (A. L. Melander and W. M. Wheeler).
- Odontomyia snowi** Hart
Bull. Ill. State Lab. Nat. Hist., Vol. IV, Art. VI, December, 1896, p. 256.
Type.—♂: Champaign, Illinois, along railroad tracks, July 2, 1890 (C. A. Hart and J. Marten). Acc. No. 15784.
- Oxycera albovittata** Malloch
Bull. Ill. State Lab. Nat. Hist., Vol. XII, Art. III, March, 1917, p. 330.
Type.—♀: Muncie, Illinois, along Stony Creek, July 5, 1914 (J. R. Malloch).
- Oxycera aldrichi** Malloch
Bull. Ill. State Lab. Nat. Hist., Vol. XII, Art. III, March, 1917, p. 329.
Type.—♂: Lafayette, Indiana, June 23 (J. M. Aldrich).
- Oxycera approximata** Malloch
Bull. Ill. State Lab. Nat. Hist., Vol. XII, Art. III, March, 1917, p. 326.
Type.—♀: Muncie, Illinois, along Stony Creek, July 5, 1914 (J. R. Malloch).
- Xylomyia pallidifemur** Malloch
Bull. Ill. State Lab. Nat. Hist., Vol. XII, Art. III, March, 1917, p. 343.
Lectotype.—♂: Urbana, Illinois, in woods, June 17, 1890 (C. A. Hart).
Acc. No. 15751.
Lectoallotype.—♀: Urbana, Illinois, in woods, June 1, 1890 (C. A. Hart).
Acc. No. 15700.
Paratype.—♀: Urbana, Illinois, in woods, June 2, 1890 (C. A. Hart).
Acc. No. 15702.

Family ASILIDAE

- Laphria sicula** McAtee
Ohio Journ. Sc., Vol. XIX, No. 2, December, 1918, p. 165.
Paratype.—♂: Monticello, Illinois, along Sangamon River, June 30, 1914.

Family DOLICHOPODIDAE

- Chrysotus anomalus** Malloch
Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. IV, June, 1914, p. 238.
Type.—♂: New Orleans, Louisiana, April 23, 1885 (S. A. Forbes). Acc. No. 5513.

Chrysotus ciliatus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. IV, June, 1914, p. 236.

Type.—♂: Champaign, Illinois, along side of railroad tracks, June 22, 1888 (C. A. Hart and J. Marten). Acc. No. 14504.

Chrysotus flavisetus Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. IV, June, 1914, p. 239.

Lectotype.—♂: Champaign, Illinois, along side of railroad tracks, June 22, 1888 (C. A. Hart and J. Marten). Acc. No. 14504.

Lectoallotype.—♀: Champaign, Illinois, along side of railroad tracks, June 22, 1888 (C. A. Hart and J. Marten). Acc. No. 14504.

Paratypes.—♀: Champaign, Illinois, along side of railroad tracks, June 22, 1888 (C. A. Hart and J. Marten). Acc. No. 14504.

Chrysotus spinifer Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. IV, June, 1914, p. 238.

Type.—♂: Algonquin, Illinois (W. A. Nason).

Hydrophorus pilularis Malloch

Rep. Can. Arctic Exp., 1913-18, Vol. III, Part C, July 14, 1919, p. 51c.

Cotypes.—♂ and ♀: Teller, Alaska, August 6, 1913, and July 29, 1913 (F. Johansen).

In fair condition.

Hygroceleuthus idahoensis Aldrich

Kansas Univ. Quart., Vol. 2, No. 3, January, 1894, p. 154.

Cotype.—♂: Moscow, Idaho.

Now placed in the genus *Dolichopus* Latreille.**Medeterus caeruleus** Malloch

Ent. News, Vol. XXX, No. 1, January, 1919, p. 8.

Type.—♂: White Heath, Illinois, reared April 26, 1918, from larva found under bark on April 18 (J. R. Malloch).

Allotype.—♀: White Heath, Illinois, reared April 26, 1918 from larva found under bark on April 18 (J. R. Malloch).

Family EMPIDIDAE

Tachydromia harti Malloch

Can. Ent., Vol. LI, No. 11, November, 1919, p. 248.

Type.—♂: Havana, Illinois, June 5, 1918 (J. R. Malloch).

Allotype.—♀: Havana, Illinois, June 5, 1918 (J. R. Malloch).

Paratypes.—♀: Havana, Illinois, June 5, 1918 (J. R. Malloch).

Rhamphomyia conservativa Malloch

Rep. Can. Arctic Exp., 1913-1918, Vol. III, Part C, July 14, 1919, p. 48c.

Paratypes.—♂ and ♀: Bernard Harbour, Northwest Territories, Canada,

July 18-19, 1915 (F. Johansen); Young Point, Northwest Territories,

Canada, July 18, 1916 (F. Johansen).

In poor condition.

Family PHORIDAE

Aphiochaeta aristalis Malloch

Bull. Brook. Ent. Soc., Vol. IX, No. 3, June, 1914, p. 57.

Type.—♂: Havana, Illinois, September 20, 1895 (A. Hempel). Acc. No. 13709.

Aphiochaeta bisetulata Malloch

Bull. Brook. Ent. Soc., Vol. X, No. 3, July, 1915, p. 65.

Type.—♀: Urbana, Illinois, June 14, 1914 (E. H. Swigert).

Aphiochaeta nasoni Malloch

Bull. Brook. Ent. Soc., Vol. IX, No. 3, June, 1914, p. 58.

Type.—♂: Algonquin, Illinois, November 16, 1896 (W. A. Nason).

- Aphiochaeta pallidiventris** Malloch
Bull. Brook. Ent. Soc., Vol. XIV, No. 2, April, 1919, p. 47.
Type.—♀: Cobden, Illinois, May 9, 1918 (J. R. Malloch).
- Aphiochaeta plebeia** Malloch
Bull. Brook. Ent. Soc., Vol. IX, No. 3, June, 1914, p. 59.
Type.—♂: Urbana, Illinois, reared from decaying vegetation, July 18, 1885. Acc. No. 6889.
Lectotype.—♀: Urbana, Illinois, reared from decaying vegetation, July 18, 1885. Acc. No. 6889.
Paratype.—♀: Urbana, Illinois, reared from decaying vegetation, July 18, 1885. Acc. No. 6889.
- Aphiochaeta quadripunctata** Malloch
Ent. News., Vol. XXIX, No. 4, April, 1918, p. 147.
Type.—♂: Elizabeth, Illinois, July 8, 1917.
- Apocephalus pictus** Malloch
Ent. News., Vol. XXIX, No. 4, April, 1918, p. 146.
Type.—♂: Havana, Illinois, August 30, 1917.
- Beckerina luteola** Malloch
Can. Ent., Vol. LI, November, 1919, No. 11, p. 256.
Type.—♀: Cobden, Illinois, May 9, 1918 (J. R. Malloch).
- Hypocera vectabilis** Brues
Ann. Hist. Nat. Mus. Hung., Vol. 11, 1913, p. 336.
Paratypes.—♂ and ♀: Abyssinia.
Male in good condition, but head of female is missing.
- Phora egregia** Brues
Ann. Hist. Nat. Mus. Hung., Vol. 9, 1911, p. 534.
Paratype.—♀: Fuhosho, Formosa, July (Sauter).
- Platyphora flavofemorata** Malloch
Bull. Ill. State Lab. Nat. Hist., Vol. XI, Art. IV, December, 1915, p. 353.
Type.—♂: White Heath, Illinois, taken *in copula* on sandy bank, August 22, 1915 (J. R. Malloch).
Allotype.—♀: White Heath, Illinois, taken *in copula* on sandy bank, August 22, 1915 (J. R. Malloch).
Type and allotype mounted on the same card point mount.

Family SYRPHIDAE

- Cnemedon trochanteratus** Malloch
Proc. Ent. Soc. Wash., Vol. 20, No. 5, May, 1918, p. 127.
Type.—♂: St. Joseph, Illinois, along Salt Fork, May 3, 1914.
- Melanostoma pallitarsis** Curran
Can. Ent., Vol. LIII, No. 4, April, 1926, p. 83.
Paratypes.—♂ and ♀: Freeport, Illinois, July 4, 1917; Cedar Lake, Lake County, Illinois, August 4, 1906; Mahomet, Illinois, April 23, 1925 (T. H. Frison).

Family CLUSIIDAE

- Clusia occidentalis** Malloch
Proc. Ent. Soc. Wash., Vol. 20, No. 5, January, 1918, p. 4.
Type.—♂: Washington State (T. Kincaid).
In fair condition.

Family SCATOPHAGIDAE

- Amaurosoma katmaiensis** Malloch
Ohio Journ. Sc., Vol. XX, No. 7, May, 1920, p. 284.
Paratype.—♀: Katmai, Alaska, June, 1917 (J. H. Hine)

Amaurosoma nuda Malloch

Bull. Brook. Ent. Soc., Vol. XVII, No. 3, June, 1922, p. 78.

Paratype.—♀: Cape Charles, Labrador, July 30, 1906.

Amaurosoma unispinosa Malloch

Ohio Journ. Sc., Vol. XX, No. 7, May, 1920, p. 285.

Paratype.—♀: Katmai, Alaska, July, 1917 (J. H. Hine).

Gimnomera atrifrons Malloch

Proc. Ent. Soc. Wash., Vol. 22, No. 1, January, 1920, p. 37.

Type.—♂: St. Anthony Park, Minnesota (O. Lugger).

Gimnomera fasciventris Malloch

Proc. Ent. Soc. Wash., Vol. 22, No. 1, January, 1920, p. 38.

Type.—♂: Meredosia, Illinois, in sand-pit, May 29, 1917 (J. R. Malloch).

Allotype.—♀: Meredosia, Illinois, in sand-pit, May 29, 1917 (J. R. Malloch).

Paratype.—♀: Meredosia, Illinois, in sand-pit, May 29, 1917 (J. R. Malloch).

Gimnomera incisurata Malloch

Proc. Ent. Soc. Wash., Vol. 22, No. 1, January, 1920, p. 37.

Type.—♂: Dubois, Illinois, May 10, 1918 (J. R. Malloch).

Allotype.—♀: Dubois, Illinois, May 10, 1918 (J. R. Malloch).

Paratypes.—♂ and ♀: Dubois, Illinois, May 10, 1918, and May 25, 1917 (J. R. Malloch).

Orthochaeta dissimilis Malloch

Psyche, Vol. XXXI, No. 5, October, 1924, p. 194.

Type.—♀: Algonquin, Illinois, June 3, 1898 (W. A. Nason).

Paratype.—♀: Urbana, Illinois, May 7, 1907.

Pseudopogonota aldrichi var. *pallida* Malloch

Proc. Ent. Soc. Wash., Vol. 22, No. 1, January, 1920, p. 36.

Paratypes.—♂: Craigs Mountain, Idaho (J. M. Aldrich); Marshall Pass, Colorado, July 28, 1908, elevation 10856 feet (J. M. Aldrich).

Scatophaga grisea Malloch

Proc. Ent. Soc. Wash., Vol. 22, No. 1, January, 1920, p. 34.

Type.—♂: Logan, Utah, May 20, 1914 (H. R. Hagan).

Allotype.—♀: Wells, Nevada, July 12, 1911.

Family HELOMYZIDAE

Acantholeria oedimeus Garrett

Ins. Insc. Mens., Vol. IX, Nos. 7-9, July-September, 1921, p. 131.

Paratypes.—♂ and ♀: Cranbrook, British Columbia, June 6-7, July 21, August 14, October 18 (C. Garrett).

Amoebaleria fraterna var. *hyalina* Garrett

Sixty-one New Diptera (Privately published), Cranbrook, British Columbia, February 7, 1925, p. 4.

Paratype.—♀: Michel, British Columbia, August 1 (C. Garrett).

Amoebaleria gigas Garrett

Ins. Insc. Menstruus., Vol. IX, Nos. 7-9, July-September, 1921, p. 126.

Paratype.—♂: Cranbrook, British Columbia, May 2, 1919 (C. Garrett).

Now considered as *Amoebaleria tinctoria* form *pilosus* Coquillett.**Amoebaleria (Eidoamoeba) luteoala** Garrett

Seventy New Diptera (Privately published), Cranbrook, British Columbia, December 31, 1925, p. 3.

Paratype.—♂: Algonquin, Illinois, November 3, 1909 (W. A. Nason).

The genotype of the subgenus *Eidoamoeba* Garrett (original designation).**Anarostomoides petersoni** Malloch

Bull. Brook. Ent. Soc., Vol. XI, No. 1, February, 1916, p. 15.

Type.—♂: Urbana, Illinois, University Forestry, November 13, 1915 (A. Peterson).

- Allotype.—♀: Urbana, Illinois, University Forestry, November 11, 1915 (A. Peterson).
The genotype of *Anarostomoides* Malloch (original designation and monobasic). Now placed in the genus *Crymobia* Loew.
- Anorostoma coloradensis** Garrett
Ins. Insc. Mens., Vol. XII, Nos. 1-3, January-March, 1924, p. 28.
Paratype.—♂: Colorado (1389).
- Pseudoleria crassata** Garrett
Seventy New Diptera (Privately published). Cranbrook, British Columbia, December 31, 1925, p. 3.
Paratypes.—♂ and ♀: Havana, Illinois, Gleason's sand dune, April 20, 1914.
- Pseudoleria vulgaris** Garrett
Seventy New Diptera (Privately published), Cranbrook, British Columbia, December 31, 1925, p. 2.
Paratype.—♀: Cranbrook, British Columbia, May 20, 1921 (C. Garrett).
- Suiffia loewi** Garrett
Sixty-one New Diptera (Privately published), Cranbrook, British Columbia, February 7, 1925, p. 3.
Paratypes.—♂ and ♀: Marysville, British Columbia, July 14 and August 1 (C. Garrett).

Family BORBORIDAE

- Borborus scriptus** Malloch
Bull. Brook. Ent. Soc., Vol. X, No. 3, July, 1915, p. 64.
Type.—♂: St. Joseph, Illinois, along Salt Fork, May 17, 1914 (J. R. Malloch).
- Leptocera (Collinella) fumipennis** Spuler
Ann. Ent. Soc. Amer., Vol. XVII, No. 1, March, 1924, p. 110.
Paratypes.—♂ and ♀: Algonquin, Illinois, August 1, October 5 and 27, 1895 (W. A. Nason).
- Leptocera (Leptocera) hoplites** Spuler
Ann. Ent. Soc. Amer., Vol. XVII, No. 1, March 1924, p. 115.
Paratype.—♂: Washougal, Washington, May 25, 1910 (A. L. Melander).
- Leptocera (Scotophilella) abundans** Spuler
Journ. N. Y. Ent. Soc., Vol. XXXIII, No. 3, September, 1925, p. 151.
Paratypes.—♀: Moscow Mountain, Idaho, June 17, 1918 (A. L. Melander); Moscow Mountain, Idaho, July 4, 1915 (A. L. Melander); Paradise Park, Mt. Rainier, Washington, August, 1917 (A. L. Melander).
- Leptocera (Scotophilella) albifrons** Spuler
Journ. N. Y. Ent. Soc., Vol. XXXIII, No. 3, September, 1925, p. 147.
Paratype.—♂: Algonquin, Illinois, April 11, 1896 (W. A. Nason).
- Leptocera (Scotophilella) elegans** Spuler
Journ. N. Y. Ent. Soc., Vol. XXXIII, No. 3, September, 1925, p. 149.
Paratypes.—♀: Urbana, Illinois, reared from horse manure, August 1, 1908 (J. Zetek); Champaign, Illinois, from garbage, November 6, 1908 (J. G. Sanders). Acc. Nos. 39218 and 40264.
- Leptocera (Scotophilella) gracilipennis** Spuler
Journ. N. Y. Ent. Soc., Vol. XXXIII, No. 2, June, 1925, p. 78.
Paratype.—♂: Algonquin, Illinois, April 11, 1896 (W. A. Nason).
- Leptocera (Scotophilella) longicosta** Spuler
Journ. N. Y. Ent. Soc., Vol. XXXIII, No. 3, September, 1925, p. 155.
Paratypes.—♂ and ♀: Algonquin, Illinois, November 4, 1895 and November 11, 1896 (W. A. Nason); Urbana, Illinois, in breeding cage, May 6, 1891 (J. Marten); Urbana, Illinois, reared from horse manure, August 1, 1908 (J. Zetek). Acc. Nos. 16263 and 39211.
In poor to good condition.

- Leptocera (Scotophilella) ordinaria** Spuler
 Journ. N. Y. Ent. Soc., Vol. XXXIII, No. 3, September, 1925, p. 159.
 Paratype.—♀: Muir Woods, California, August 7, 1915 (A. L. Melander).
- Leptocera (Opacifrons) sciaspidis** Spuler
 Psyche, Vol. XXXI, Nos. 3 and 4, June-August, 1924, p. 124.
 Paratypes.—♂: Mt. Constitution, Washington, July 31 (A. L. Melander).
- Leptocera (Opacifrons) wheeleri** Spuler
 Psyche, Vol. XXXI, Nos. 3 and 4, June-August, 1924, p. 128.
 Paratype.—♀: Havana, Illinois, on shore of river, December 13, 1894 (F. Smith and Hottes). Acc. No. 13135.
- Leptocera (Thorocochaeta) johnsoni** Spuler
 Can. Ent., Vol. LVII, No. 5, May, 1925, p. 121.
 Paratype.—♀: Seattle, Washington (A. L. Melander).

Family SAPROMYZIDAE

- Melanomyza intermedia** Malloch
 Proc. Ent. Soc. Wash., Vol. 25, No. 2, February, 1925, p. 50.
 Paratypes.—♂ and ♀: White Heath, Illinois, June 25-26, 1914; Summer, Illinois, August 2, 1914; Urbana, Illinois, University Woods (Cottonwood Grove), July 27, 1917; White Heath, Illinois, July 11, 1915; Odin, Illinois, in meadow, May 28, 1910.
- Minettia americana** Malloch
 Proc. Ent. Soc. Wash., Vol. 25, No. 2, February, 1925, p. 53.
 Paratype.—♂: White Heath, Illinois, May 18, 1889 (J. D. Marten). Acc. No. 14988.
- Phorticoides flinti** Malloch
 Bull. Brook. Ent. Soc., Vol. X, No. 4, October, 1915, p. 87.
 Lectotype.—♂: Urbana, Illinois, on sap from a wound on elm tree, August 30, 1915 (J. R. Malloch and W. P. Flint).
 Paratype.—♂: Urbana, Illinois, on sap from a wound on elm tree, September 1, 1915 (J. R. Malloch and W. P. Flint).
 The genotype of *Phorticoides* Malloch (original designation and monobasic).
- Sapromyza aequalis** Malloch
 Proc. Biol. Soc. Wash., Vol. 27, March 20, 1914, p. 36.
 Type.—♂: Algonquin, Illinois, August 8, 1895 (W. A. Nason).
 Paratype?—♂: Urbana, Illinois, June 28, 1889 (C. A. Hart). Hart Acc. No. 514.
- Sapromyza blaisdelli** Cresson
 Ent. News., Vol. XXI, No. 3, March, 1920, p. 66.
 Paratype.—♀: San Francisco, California, May 27, 1908 (F. E. Blaisdell).
- Sapromyza cilifera** Malloch
 Proc. Biol. Soc. Wash., Vol. 27, March 20, 1914, p. 33.
 Type.—♂: Urbana, Illinois, swept from box-elder, May 24, 1888 (C. A. Hart). Acc. No. 14376.
- Sapromyza (Sapromyzosoma) citreifrons** Malloch
 Can. Ent., Vol. LII, No. 6, June, 1920, p. 127.
 Type.—♂: Savanna, Illinois, June 13, 1917 (J. R. Malloch).
 Paratypes.—♂: Cobden, Illinois, May 9, 1918 (J. R. Malloch).
- Sapromyza fratercula** Malloch
 Can. Ent., Vol. LII, No. 6, June, 1920, p. 128.
 Paratype.—♂: Powderville, Montana, June 15, 1916 (M. Hanna).
- Sapromyza fuscibasis** Malloch
 Can. Ent., Vol. LII, No. 6, June, 1920, p. 126.
 Type.—♂: White Heath, Illinois, July 11, 1915 (J. R. Malloch).
 Allotype.—♀: Summer, Illinois, August 2, 1914 (C. A. Hart).

Paratypes.—♂ and ♀: White Heath, Illinois, July 11, 1915 (J. R. Malloch); Summer, Illinois, August 2, 1914 (C. A. Hart); Dubois, Illinois, August 8, 1917 (J. R. Malloch); Urbana, Illinois, September 15, 1891 (J. Marten); St. Joseph, Illinois, June 27, 1915 (J. R. Malloch). Acc. No. 17499.

Sapromyza harti Malloch

Proc. Biol. Soc. Wash., Vol. 27, March 20, 1914, p. 32.

Lectotype.—♂: Quincy, Illinois, swept from sand bar, August 12, 1889 (C. A. Hart). Hart Acc. No. 553.

Lectoallotype.—♀: Quincy, Illinois, swept from sand bar, August 12, 1889 (C. A. Hart). Hart Acc. No. 553.

Paratypes.—♂ and ♀: Quincy, Illinois, swept from sand bar, August 12, 1889 (C. A. Hart); Quincy, Illinois, August 8, 1889 (not August 14 as stated in original description) (C. A. Hart). Hart Acc. No. 544 and 553.

Sapromyza inaequalis Malloch

Proc. Biol. Soc. Wash., Vol. 27, March 20, 1914, p. 35.

Type.—♂: Urbana, Illinois, May 9, 1911 (C. A. Hart). Acc. No. 16287.

Allotype.—♀: Urbana, Illinois, May 28, (not May 27 as given in original description), 1911 (C. A. Hart). Acc. No. 15693.

Sapromyza incerta Malloch

Proc. Biol. Soc. Wash., Vol. 27, March 20, 1914, p. 36.

Paratype.—♀: Aldridge, Illinois, August 11, 1891 (C. A. Hart and Shiga). Acc. No. 17212.

Sapromyza littoralis Malloch

Proc. Biol. Soc. Wash., Vol. 27, March 12, 1915, p. 47.

Lectotype.—♂: South Haven, Michigan, sweeping along lake shore, July 14, 1914 (C. A. Hart).

Lectoallotype.—♀: South Haven, Michigan, sweeping along lake shore, July 14, 1914 (C. A. Hart).

Paratypes.—♂ and ♀: South Haven, Michigan, sweeping along lake shore, July 14, 1914 (C. A. Hart).

Sapromyza nubilifera Malloch

Can. Ent., Vol. LII, No. 6, June, 1920, p. 126.

Type.—♂: Monticello, Illinois, along Sangamon River, June 21, 1914 (C. A. Hart and J. R. Malloch).

Allotype.—♀: Monticello, Illinois, along Sangamon River, June 28, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: Monticello, Illinois, along Sangamon River, June 21, 1914; Mahomet, Illinois, along Sangamon River, August 6, 1914; Urbana, Illinois, forestry, June 17 and 23, 1916; Urbana, Illinois, June 20, 1915 (C. A. Hart and J. R. Malloch).

Sapromyza pernotata Malloch

Can. Ent., Vol. LII, No. 6, June, 1920, p. 128.

Type.—♂: Cedar Lake (Lake County), Illinois, in tamarack bog, August 4, 1906.

Paratype.—♂: Cedar Lake (Lake County), Illinois, in tamarack bog, August 4, 1906.

Sapromyza seticauda Malloch

Proc. Biol. Soc. Wash., Vol. 27, March 20, 1914, p. 34.

Type.—♂: Havana, Illinois, July 14, 1910.

Sapromyza similata Malloch

Proc. Biol. Soc. Wash., Vol. 27, March 20, 1914, p. 30.

Type.—♀: St. Joseph, Illinois, sweepings, June 9, 1912.

Lectoallotype.—♂: Michigan.

Paratypes.—♂ and ♀: Algonquin, Illinois, June, July, September, 1895-1897. (W. A. Nason); Merchantville, New Jersey; Quincy, Illinois, swept from sand bar, August 12, 1889 (C. A. Hart); Urbana, Illinois, Pond Grove, June 13, 1889 (C. A. Hart); Normal, Illinois, swept from weeds, June 3, 1884. Acc. No. 2089. Hart Acc. Nos. 500 and 553.

Family LONCHAEIDAE

Lonchaea aberrans Malloch

Can. Ent., Vol. LII, No. 6, June, 1920, p. 131.

Type.—♀: Parker, Illinois, April 17, 1914 (C. A. Hart and J. R. Malloch).

Allotype.—♂: Algonquin, Illinois, May 4, 1895 (W. A. Nason).

Paratype.—♂: Southern Illinois (Carlinville). Collected by C. Robertson and previously determined by S. W. Williston as '*polita* Say'.

Lonchaea nudifemorata Malloch

Proc. Biol. Soc. Wash., Vol. 27, March 20, 1914, p. 38.

Lectoallotype.—♀: Algonquin, Illinois (W. A. Nason).

Paratype.—♀: Algonquin, Illinois (W. A. Nason).

Lonchaea ruficornis Malloch

Can. Ent., Vol. LII, No. 6, June, 1920, p. 129.

Type.—♀: Savanna, Illinois, June 14, 1917 (J. R. Malloch).

Lonchaea striatifrons Malloch

Can. Ent., Vol. LII, No. 11, November, 1920, p. 246.

Paratypes.—♂: Santa Clara County, California (Baker); San Diego County, California (Harkins Collection).

Lonchaea vibrissata Malloch

Proc. Biol. Soc. Wash., Vol. 27, March 20, 1914, p. 37.

Type.—♀: Algonquin, Illinois, October 16, 1894 (W. A. Nason).

Paratype.—♀: Algonquin, Illinois, May 10, 1897 (W. A. Nason).

Lonchaea winnemanæ Malloch

Proc. Biol. Soc. Wash., Vol. 27, March 20, 1914, p. 38.

Allotype.—♀: Algonquin, Illinois, May 23, 1895 (W. A. Nason).

Family ORTALIDAE

Stenomyia nasoni Cresson

Ent. News, Vol. XXIV, No. 7, July, 1913, p. 320.

Paratype.—♂: Algonquin, Illinois, June 28, 1908 (W. A. Nason).

Family SEPSIDAE

Sepsis neocynipsea Melander and Spuler

Wash. Agr. Exp. Station, Bull. 143, April, 1917, p. 28.

Paratypes.—♀: Homer, Illinois, March 1, 1909.

Sepsis signifera var. *curviflora* Melander and Spuler

Wash. Agr. Exp. Station, Bull. 143, April, 1917, p. 28.

Paratypes.—♂ and ♀: Algonquin, Illinois, May 3, 1894 (W. A. Nason); Mahomet, Illinois, October 25, 1913.

Family CHLOROPIDAE

Anthracophaga distichliae Malloch

Journ. Econ. Ent. Vol. 11, No. 4, August, 1918, p. 386.

Cotype.—♀: Long Beach, California, reared from bract-covered gall on *Distichlis apicata*. July 7, 1916 (E. Bethel).

- Botanobia bispina** Malloch
 Bull. Brook. Ent. Soc., Vol. XIII, No. 5, December, 1918, p. 109.
 Type.—♂: Urbana, Illinois, *in copula*, September 20, 1916 (J. R. Malloch).
 Allotype.—♀: Urbana, Illinois, *in copula*, September 20, 1916 (J. R. Malloch).
 Type and allotype mounted upon the same card point.
- Botanobia hinkleyi** Malloch
 Can. Ent., Vol. XLVII, No. 1, January, 1915, p. 12.
 Type.—♀: Dubois, Illinois, creek valley, by sweeping evergreens, April 24, 1914 (J. R. Malloch).
 Paratypes.—♀: Dubois, Illinois, creek valley, by sweeping evergreens, April 24, 1914 (J. R. Malloch).
- Botanobia spiniger** Malloch
 Bull. Brook. Ent. Soc., Vol. XIII, No. 5, December, 1918, p. 109.
 Type.—♀: Urbana, Illinois, Augerville (Brownfield) woods, June 23, 1916 (J. R. Malloch).
 Paratype.—♀: Meredosia, Illinois, August 20, 1917 (J. R. Malloch).
- Chloropisca glabra** var. **clypeata** Malloch
 Can. Ent., Vol. XLVI, No. 4, April, 1914, p. 119.
 Lectotype.—♀: Algonquin, Illinois, September 21, 1894 (W. A. Nason).
 Lectoallotype.—♂: Urbana, Illinois, swept from *Catalpa*, June 21, 1888 (J. Marten). Acc. No. 14488.
 Paratype.—♀: Urbana, Illinois, in woods, July 15, 1887 (C. A. Hart). Acc. No. 12915.
 Subsequently raised to specific rank by Malloch.
- Chloropisca obtusa** Malloch
 Can. Ent., Vol. XLVI, No. 4, April, 1914, p. 118.
 Type.—♀: Champaign, Illinois, swept from grass, May 28, 1889 (J. Marten). Acc. No. 15013.
 In fair condition.
- Chloropisca parviceps** Malloch
 Proc. Ent. Soc. Wash., Vol. 17, No. 3, Sept. 18, 1915, p. 158.
 Type.—♀: Monticello, Illinois, along Sangamon River, June 30, 1914 (C. A. Hart and J. R. Malloch).
 Paratypes.—♀: Mahomet, Illinois, along Sangamon River, August 6, 1914 (C. A. Hart and J. R. Malloch); Centerville [White Heath], Illinois, along Sangamon River, August 16, 1914 (C. A. Hart and J. R. Malloch).
- Dasyopa pleuralis** Malloch
 Bull. Brook. Ent. Soc., Vol. XIII, No. 1, January, 1918, p. 20.
 Lectotype.—♂: Meredosia, Illinois, in sand pit, August 19, 1917 (J. R. Malloch).
 Lectoallotype.—♀: Meredosia, Illinois, in sand pit, August 19, 1917 (J. R. Malloch).
 Paratypes.—♂ and ♀: Meredosia, Illinois, in sand pit, August 22, 1917 (J. R. Malloch); Bluffs, Illinois, August 19, 1917 (J. R. Malloch); Dubois, Illinois, August 9, 1917 (J. R. Malloch).
 The genotype of *Dasyopa* Malloch (original designation and monobasic).
- Gaurax apicalis** Malloch
 Proc. Ent. Soc. Wash., Vol. 17, No. 3, September 18, 1915, p. 160.
 Type.—♀: Mahomet, Illinois, along Sangamon River, August 6, 1914 (J. R. Malloch).
- Gaurax flavidulus** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. XI, Art. IV, December, 1915, p. 361.
 Type.—♂: Urbana, Illinois, on cypress limb, July 4, 1915 (J. R. Malloch).
- Gaurax interruptus** Malloch
 Bull. Ill. State Lab. Nat. Hist., Vol. XI, Art. IV, p. 363.
 Type.—♀: Urbana, Illinois, on cypress tree, July 5, 1915 (J. R. Malloch).

Gaurax pallidipes Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. XI, Art. IV, December, 1915, p. 362.

Type.—♂: Urbana, Illinois, on cypress tree, July 4, 1915 (J. R. Malloch).

Gaurax splendidus Malloch

Proc. Ent. Soc. Wash., Vol 17, No. 3, September 18, 1915, p. 161.

Type.—♂: White Heath, Illinois, along Sangamon River, May 30, 1915 (J. R. Malloch).

Lasiosina canadensis Aldrich

Can. Ent., Vol. L, No. 10, October, 1918, p. 337.

Paratypes.—♂ and ♀: Aweme, Manitoba, Canada, August 21, 1916 (N.

Criddle); Treesbank, Manitoba, Canada, May 30, 1915.

Madiza (Siphonella) setulosa Malloch

Bull. Brook. Ent. Soc., Vol. XIII, No. 5, December, 1918, p. 110.

Type.—♀: Freeport, Illinois, July 4, 1917.

Lectotype.—Freeport, Illinois, July 2, 1917.

Paratypes.—♂ and ♀: Mahomet, Illinois, October 10, 1915; Urbana, Illinois, on window, June 17, 1915; Princeton, Illinois, June 24, 1915; Elizabeth, Illinois, July 7, 1917.

Meromyza flavipalpis Malloch

Can. Ent., Vol. XLVI, No. 4, April, 1914, p. 117.

Lectotype.—♂: Champaign, Illinois, along railroad, June 22, 1888 (J. Marten and C. A. Hart). Acc. No. 14504.

Paratype.—♂: Champaign, Illinois, along railroad, June 22, 1888 (J. Marten and C. A. Hart). Acc. No. 14504.

In fair condition. Gilbertson (So. Dakota Agr. Exp. Station, Bull. 217, November, 1925, p. 3) on the authority of Aldrich has sunk this species as a synonym of *Meromyza americana* Fitch.**Neogaurax fumipennis** Malloch

Ent. News, Vol. XXVI, No. 2, March, 1915, p. 108.

Type.—♀: Muncie, Illinois, along Stony Creek, May 24, 1914 (E. H. Swigert).

Now placed in the genus *Pseudogaurax* Malloch.**Oscinis criddlei** Aldrich

Can. Ent., Vol. L, No. 10, October, 1918, p. 341.

Paratypes.—♂ and ♀: Treesbank, Manitoba, Canada, July 23 and August 6, 1915 (N. Criddle); Aweme, Manitoba, Canada, August 1, 1916 (N. Criddle).

Oscinoides arpidia Malloch

Bull. Brook. Ent. Soc., Vol. XI, No. 4, October, 1916, p. 87.

Type.—♀: Urbana, Illinois, forestry, June 1, 1916 (J. R. Malloch).

The genotype of *Oscinoides* Malloch (original designation and monobasic).**Oscinoides arpidia** var. *atra* Malloch

Bull. Brook. Ent. Soc., Vol. XIII, No. 1, January, 1918, p. 19.

Type.—♀: Dubois, Illinois, May 23, 1917 (J. R. Malloch).

Oscinoides arpidia var. *elegans* Malloch

Bull. Brook. Ent. Soc., Vol. XIII, No. 1, January, 1918, p. 19.

Type.—♂: Freeport, Illinois, July 4, 1917 (J. R. Malloch).

Oscinoides arpidia var. *humeralis* Malloch

Bull. Brook. Ent. Soc., Vol. XIII, No. 1, January, 1918, p. 19.

Type.—♀: Dubois, Illinois, May 22, 1917 (J. R. Malloch).

Family DROSOPHILIDAE

Amiota setigera Malloch

Bull. Brook. Ent. Soc., Vol. XIX, No. 2, April, 1924, p. 51.

Type.—♂: Savoy, Illinois, at sap on apple tree, May 23, 1916 (J. R. Malloch).

Allotype.—♀: White Heath, Illinois, August 12, 1920 (J. R. Malloch).
 Paratype D.—♀: White Heath, Illinois, August 12, 1920 (J. R. Malloch).
 Head of paratype is missing.

Phortica minor Malloch

Ent. News, Vol. XXXII, No. 10, December, 1921, p. 312.
 Type.—♂: Du Bois, Illinois, June 5, 1920 (J. R. Malloch).
 Paratype.—♂: Du Bois, Illinois, June 3, 1919 (J. R. Malloch).

Family GEOMYZIDAE

Aphaniosoma quadrivittatum Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. XI, Art. IV, December, 1915, p. 357.
 Type.—♀: Urbana, Illinois, on window, June 9, 1915 (J. R. Malloch).
 Paratypes.—♀: Urbana, Illinois, on window, June 15, 25, 29 and July 6, 1915 (J. R. Malloch).

Chyromya concolor Malloch

Proc. Ent. Soc. Wash., Vol. 16, No. 3, March, 1914, p. 181.
 Lectotype.—♂: Monticello, Illinois, along Sangamon River, June 21, 1914 (C. A. Hart and J. R. Malloch).
 Lectoallotype.—♀: Monticello, Illinois, along Sangamon River, June 21, 1914 (C. A. Hart and J. R. Malloch).
 Paratypes.—♂ and ♀: Monticello, Illinois, along Sangamon River, June 28, 1914 (C. A. Hart and J. R. Malloch); Muncie, Illinois, along Stony Creek, May 24, 1914 (C. A. Hart and J. R. Malloch); Algonquin, Illinois, June 1 and 10, 1894 (W. A. Nason).

Chyromya nigrimana Malloch

Proc. Ent. Soc. Wash., Vol. 16, No. 3, March, 1914, p. 181.
 Lectotype.—♂: Urbana, Illinois, fair grounds, along Salt Fork, May 20, 1914 (J. R. Malloch).
 Lectoallotype.—♀: Urbana, Illinois, fair grounds, along Salt Fork, May 20, 1914 (J. R. Malloch).
 Paratypes.—♂ and ♀: Urbana, Illinois, fair grounds, along Salt Fork, May 20, 1914 (J. R. Malloch); St. Joseph, Illinois, along Salt Fork, May 3 and 17, 1914 (J. R. Malloch).

Family AGROMYZIDAE

Agromyza albidohalterata Malloch

Psyche., Vol. XXIII, No. 2, April, 1916, p. 52.
 Type.—♂: St. Joseph, Illinois, along Salt Fork, May 17, 1914 (C. A. Hart).

Agromyza angulicornis Malloch

Can. Ent., Vol. L, No. 3, March, 1918, p. 79.
 Type.—♂: Waukegan, Illinois, on shore of Lake Michigan, August 25, 1917 (J. R. Malloch).

Agromyza aprilina Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. XI, Art. IV, December, 1915, p. 359
 Lectotype.—♀: Urbana, Illinois, cottonwood grove, April 16, 1915 (J. R. Malloch).
 Lectoallotype.—♂: Urbana, Illinois, cottonwood grove, April 16, 1915 (J. R. Malloch).
 Paratypes.—♀ and ♂: Urbana, Illinois, cottonwood grove, April 16 and 20, 1915 (J. R. Malloch).

Agromyza aristata Malloch

Can. Ent., Vol. XLVII, No. 1, January, 1915, p. 13.
 Type.—♀: Havana, Illinois, Gleason's Sand Dune, April 30, 1914 (C. A. Hart and J. R. Malloch).

- Allotype.—♂: Havana, Illinois, along river, April 30, 1914 (C. A. Hart and J. R. Malloch).
- Paratypes.—♂ and ♀: St. Joseph, Illinois, along Salt Fork, May 3, 1914 (C. A. Hart and J. R. Malloch); Golconda, Illinois, along Ohio River, April 18, 1914 (C. A. Hart and J. R. Malloch).
- Agromyza assimilis** Malloch
Can. Ent., Vol. L, No. 3, March, 1918, p. 80.
Type.—♂: Waukegan, Illinois, on short of Lake Michigan, August 25, 1917 (J. R. Malloch).
- Agromyza citreifemorata** Watt
Trans. New Zealand Inst., Vol. 54 (n. s.), December 14, 1923, p. 478.
Paratype.—♀: St. John's Hill Reserve, Wanganui, New Zealand, reared from mine in leaf of *Myoporum laetum* (M. N. Watt).
- Agromyza deceptiva** Malloch
Can. Ent., Vol. L, No. 3, March, 1918, p. 78.
Type.—♀: Alto Pass, Illinois, May 8, 1917 (J. R. Malloch).
- Agromyza destructor** Malloch
Proc. Ent. Soc. Wash., Vol. 18, No. 2, August 4, 1916, p. 93.
Lectotype.—♀: Los Banos, Philippine Islands (C. F. Baker).
Paratypes.—♀: Los Banos, Philippine Islands (C. F. Baker).
In fair condition.
- Agromyza felti** Malloch
Ent. News, Vol. XXV, No. 7, July 14, 1914, p. 310.
Paratypes.—♂: Hudson Falls, New York, reared from leaves of *Campthorsus rhizophyllus*, May 27, 1910.
Dr. E. P. Felt states in a letter that the type series contained fifteen specimens instead of seven as stated in original description.
- Agromyza flavoventralis** Watt
Trans. New Zealand Inst., Vol. 54 (n. s.), December 14, 1923, p. 474.
Paratype.—♀: Dunedin, New Zealand, Botanical gardens, reared from mine in leaf of *Veronica* (M. N. Watt).
- Agromyza flavolateralis** Watt
Trans. New Zealand Inst., Vol. 54 (n. s.), December 14, 1923, p. 471.
Paratype.—♂: Dunedin, New Zealand, Botanical gardens, reared from mine in leaf of *Meliclytus ramiflorus* (M. N. Watt).
- Agromyza flavopleura** Watt
Trans. New Zealand Inst., Vol. 54 (n. s.), December 14, 1923, p. 481.
Paratype.—♂: Dunedin, New Zealand, Botanical gardens, reared from mine in leaf (M. N. Watt).
- Agromyza flavopleura** var. *casta* Watt
Trans. New Zealand Inst., Vol. 54 (n. s.), December 14, 1923, p. 482.
Paratype.—♂: Wellington, New Zealand, Botanical gardens, reared from mine in leaf of *Asplenium lucidum* (M. N. Watt).
- Agromyza fumicosta** Malloch
Ent. News., Vol. XXV, No. 7, July 14, 1914, p. 310.
Type.—♀: Normal, Illinois, swept from blue grass, May 3, 1884 (S. A. Forbes). Acc. No. 1525.
Specimen is wrongly recorded in original description as collected in 1894 instead of 1884.
- Agromyza gibsoni** Malloch
Proc. U. S. Nat. Mus., Vol. 49, No. 2097, July 24, 1915, p. 106.
Paratypes.—♀ and ♂: Tempe, Arizona, reared from alfalfa, Webster No. 12239 (E. H. Gibson).
- Agromyza indecora** Malloch
Can. Ent., Vol. L, No. 4, April, 1918, p. 132.
Lectotype.—♂: White Heath, Illinois, June 24, 1916 (J. R. Malloch).
Lectoallotype.—♀: White Heath, Illinois, June 24, 1916 (J. R. Malloch).

Paratypes.—♂ and ♀: White Heath, Illinois, June 24, 1916, and June 29, 1917 (J. R. Malloch).

Agromyza infumata Malloch

Can. Ent., Vol. XLVII, No. 1, January, 1915, p. 15.

Type.—♂: Dubois, Illinois, creek valley in woods, April 24, 1914 (C. A. Hart and J. R. Malloch).

Specific name subsequently changed by Malloch (1915) to *subinfumata* because *infumata* is a primary homonym of *infumata* Strobl and Zerny. Hendel proposed the new name *fumosa* for this species in 1923, apparently overlooking the prior change by Malloch in 1915.

Agromyza nigrisquama Malloch

Psyche, Vol. XXIII, No. 2, April, 1916, p. 53.

Type.—♀: Monticello, Illinois, along bank of Sangamon River, June 28, 1914 (J. R. Malloch).

Hendel (1923) has proposed the new name of *calyprata* for this species because *nigrisquama* Malloch is a primary homonym.

Agromyza pleuralis Malloch

Ent. News, Vol. XXV, No. 7, July 14, 1914, p. 311.

Type.—♀: Urbana, Illinois, University grounds, swept from catalpa, June 21, 1888 (J. Marten). Acc. No. 14488.

In original description the year is wrongly given as 1898 instead of 1888.

Agromyza riparia Malloch

Proc. U. S. Nat. Mus., Vol. 49, No. 2097, July 24, 1915, p. 105.

Lectotype.—♂: Urbana, Illinois, near Salt Fork, July 4, 1914 (C. A. Hart and J. R. Malloch).

Lectoallotype.—♀: Urbana, Illinois, near Salt Fork, July 4, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: Urbana, Illinois, near Salt Fork, July 4, 1914 (C. A. Hart and J. R. Malloch); Algonquin, Illinois, June 19, 1894, July 25, 1895, September 15, 1895, October 3, 1895 (W. A. Nason); St. Joseph, Illinois, along Salt Fork, May 10, 1914 (C. A. Hart and J. R. Malloch). Hendel (1923) has proposed the new name of *riparella* for this species because *riparia* Malloch is a primary homonym.

Agromyza similata Malloch

Can. Ent., Vol. L, No. 5, May, 1918, p. 178.

Type.—♂: Dubois, Illinois, May 24, 1917 (J. R. Malloch).

Agromyza subangulata Malloch

Psyche, Vol. XXIII, No. 2, April, 1916, p. 51.

Type.—♂: St. Joseph, Illinois, along Salt Fork, May 3, 1914 (C. A. Hart and J. R. Malloch).

Agromyza subvirens Malloch

Proc. U. S. Nat. Mus., Vol. 49, No. 2097, July 24, 1915, p. 105.

Lectotype.—♀: St. Joseph, Illinois, along Salt Fork, May 17, 1914 (C. A. Hart and J. R. Malloch).

Lectoallotype.—♂: St. Joseph, Illinois, along Salt Fork, May 17, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♀: St. Joseph, Illinois, along Salt Fork, May 17, 1914 (C. A. Hart and J. R. Malloch); Algonquin, Illinois, May 17, 1894 (W. A. Nason).

Agromyza umbrina Watt

Trans. New Zealand Inst., Vol. 54 (n. s.), December 14, 1923, p. 467.

Paratypes.—♂: Dunedin, New Zealand, Botanical gardens, reared from mine in leaf of *Veronica* (M. N. Watt).

Agromyza youngi Malloch

Ent. News, Vol. XXV, No. 7, July 14, 1914, p. 312.

Paratypes.—♂: Albany, New York, reared from *Taraxacum densleonicum* (D. B. Young).

Sunk as a synonym of *Agromyza nasuta* Malloch by Malloch (1924).

Leucopis americana Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. XIV, January 1921, p. 354.

Type.—♂: Urbana, Illinois, reared from larva found feeding on aphids on *Spirca vanhoutcii*, June, 1917 (J. R. Malloch.) Acc. No. 46568.

Allotype.—♀: Urbana, Illinois, reared from larva found feeding on aphids on *Spirca vanhoutcii*, June 1917 (J. R. Malloch.) Acc. No. 46568.

Paratypes.—♀: Urbana, Illinois, reared from larvae found feeding on aphids on *Spirca vanhoutcii*, June 1917 (J. R. Malloch.) Acc. No. 46568.

The head of one paratype is missing. Puparium from which type emerged is on card point mount.

Leucopis major Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. XIV, January, 1921, p. 352.

Type.—♀: St. Joseph, Illinois, along Salt Fork, May 3, 1914 (J. R. Malloch).

Paratypes.—♀: St. Joseph, Illinois, along Salt Fork, May 3, 1914 (J. R. Malloch).

In the original description the allotype is mentioned and the hypopygium figured, but the specimen was not found. An empty vial containing the label "Leucopis major Malloch Allotype" in Malloch's handwriting was found which indicates specimen was dissected and is now lost.

Leucopis minor Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. XIV, January, 1921, p. 354.

Type.—♂: Dubois, Illinois, August 9, 1917 (J. R. Malloch).

Leucopis orbitalis Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. XIV, January, 1921, p. 352.

Type.—♀: Dundee, Illinois, reared by J. R. Malloch from pine twig infested with *Kermes*, June 7, 1916 (McMillan). Acc. No. 46343.

Paratypes.—♀: Dundee, Illinois, reared by J. R. Malloch from pine twig infested with *Kermes*, June 7, 1916, (McMillan). Acc. No. 46343.

Leucopis parallela Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. XIV, January 1921, p. 353.

Type.—♀: Muncie, Illinois, along Stony Creek, July 5, 1914 (J. R. Malloch).

Leucopis pemphigae Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. XIV, January, 1921, p. 350.

Type.—♂: Carbondale, Illinois, reared July 15, 1909, from larva from Pemphigus gall collected on July 6, 1909. Acc. No. 42313.

Allotype.—♀: Carbondale, Illinois, reared July 15, 1909, from larva from Pemphigus gall collected on July 6, 1909. Acc. No. 42313.

Paratypes.—♀: Carbondale, Illinois, reared July 15 and 27, 1909, from larvae from Pemphigus gall collected on July 6, 1909. Acc. Nos. 42313 and 42344.

Two female paratypes in poor condition.

Leucopis piniperda Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. XIV, January, 1921, p. 351.

Type.—♂: Urbana, Illinois, in university forestry, April 29, 1916 (J. R. Malloch).

Allotype.—♀: Urbana, Illinois, on tree trunk, July 5, 1915 (J. R. Malloch).

Two legs of type are missing and allotype is in very poor condition.

Leucopomyia pulvinariae Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. XIV, January, 1921, p. 356.

Paratypes.—♂ and ♀: Shushan, New York, reared from larvae found feeding on the *Pulvinaria vitis* Linnaeus, July 6, 1916, No. a3076, New York State College; Chicago, Illinois, from *Pulvinaria*, Spring, 1907; Algonquin, Illinois, July 4, 1894 (W. A. Nason).

The paratype from Algonquin is in alcohol in a vial. In the original description the year of the Algonquin specimen is wrongly given as 1892 instead of 1894. The genotype of *Leucopomyia* Malloch (original designation and monobasic).

***Limnoagromyza diantherae* Malloch**

Bull. Brook. Ent. Soc., Vol. XV, No. 5, December, 1920, p. 147.

Type.—♀ Muncie, Illinois, August 15, 1917 (T. H. Frison and J. R. Malloch).

Allotype.—♂: Lafayette, Indiana, June 11, 1915 (J. M. Aldrich).

Paratypes.—♂ and ♀: Muncie, Illinois, August 15, 1917 (T. H. Frison and J. R. Malloch); Lafayette, Indiana, June 11 and 18, 1915, and June 2, 1917 (J. M. Aldrich); Urbana, Illinois, along Salt Fork, July 11, 1898 (C. A. Hart). Acc. No. 24491.

In the original description one paratype is listed as accession number 24401. This should be accession number 24491 and recovery of missing accession catalogue permits data to be given here. The genotype of *Limnoagromyza* Malloch (original designation and monobasic).

***Meoneura nigrifrons* Malloch**

Proc. Biol. Soc. Wash., Vol. 28, March 12, 1915, p. 47.

Type.—♂: Urbana, Illinois, on window, September 6, 1914 (J. R. Malloch).

Allotype.—♀: Urbana, Illinois, on window, September 6, 1914 (J. R. Malloch).

***Neoleucopsis pinicola* Malloch**

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. XIV, January 1921, p. 357.

Type.—♂: Stratford, Illinois, taken on pine tree and probably predaceous on aphids, June 22, 1917 (J. R. Malloch).

Allotype.—♀: Urbana, Illinois, on pine, May 23, 1885. Acc. No. 5690.

Paratypes.—♂: Stratford, Illinois, taken on pine trees and probably predaceous on aphids, June 22, 1917 (J. R. Malloch); Urbana, Illinois, on pine tree, July 31, 1916 (J. R. Malloch).

The genotype of *Neoleucopsis* Malloch (original designation and monobasic).

***Pseudodinia polita* Malloch**

Proc. U. S. Nat. Mus., Vol. 49, No. 2101, July 16, 1915, p. 152.

Lectotype.—♀: Centerville [White Heath], Illinois, along Sangamon River, August 16, 1914 (C. A. Hart and J. R. Malloch).

Lectoallotype.—♂: Centerville [White Heath], Illinois, along Sangamon River, August 16, 1914 (C. A. Hart and J. R. Malloch).

Paratypes.—♀: Centerville [White Heath], Illinois, along Sangamon River, August 16, 1914 (C. A. Hart and J. R. Malloch); Urbana, Illinois, August 30, 1914 (J. R. Malloch).

In the original description the date of August 17 is erroneously given instead of August 16, and September 30 should be August 30.

Family ANTHOMYIIDAE

***Allognotha semivitta* Malloch**

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 282.

Type.—♂: Meredosia, Illinois, sand regions, August 19, 1917 (C. A. Hart and J. R. Malloch).

Lectoallotype.—♀: Meredosia, Illinois, sand regions, May 29, 1917 (C. A. Hart and J. R. Malloch).

Paratypes.—♂ and ♀: Meredosia, Illinois, sand regions, August 19, 1917 (C. A. Hart and J. R. Malloch); Havana, Illinois, sand regions, August 30-31, 1917 (C. A. Hart and J. R. Malloch); Northern Illinois.

Anthomyia dorsimaculata Van der Wulp

Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 336.

Cotype.—♂: Omilteme, Guerrero, Mexico, 8000 feet elevation, July (H. H. Smith).

Malloch (1921) has transferred this species to the genus *Pegomyia* R.—Desvoidy.

Aricia bicolorata Malloch

Proc. Calif. Acad. Sc., Vol. IX (Fourth Ser.), No. 7, August 26, 1919, p. 253.

Paratype.—♀: Washington State (T. Kincaid).

In fair condition.

Aricia latifrontata Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 270.

Paratypes.—♂: Beulah, New Mexico, top of range, June 28, 1902; Bozeman, Montana, June 20, 1906.

Aricia poeciloptera Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 271.

Paratype.—♀: Cloudcroft, New Mexico, May 23, 1902.

Specific name subsequently changed by Malloch (1920) to *neopocilloptera* and transferred to the genus *Helina* R.—Desvoidy.

Ariciella flavicornis Malloch

Proc. Biol. Soc. Wash., Vol. 31, June 29, 1918, p. 66.

Type.—♂: Brownsville, Texas, November 22, 1910 (C. A. Hart).

Subsequently synonymized by Malloch (1921) as *Ariciella rubripalpis* (V. D. Wulp) Malloch. The genotype of *Ariciella* Malloch (original designation and monobasic).

Bigotomyia californiensis Malloch

Trans. Amer. Ent. Soc., Vol. XLVIII, June 12, 1923, p. 236.

Paratypes.—♂ and ♀: San Antonio Canyon, Ontario, California, July 25, 1907 (J. S. Hine).

Charadrella macrosoma Van der Wulp

Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 341.

Cotypes.—♂ and ♀: Northern Yucatan, Mexico (Gauger).

Clinopera hieroglyphica Van der Wulp

Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 307.

Cotype.—♂: Teapa, Tabasco, Mexico, January (H. H. Smith).

The genotype of *Clinopera* Van der Wulp (designated by Coquillett, 1910).

Coenosia aliena Malloch

Ent. News, Vol. XXXII, No. 5, May, 1921, p. 134.

Type.—♀: Gallatin County, Montana, August 23, 1917.

Date of capture is erroneously given as August 22 in original description.

Coenosia anthracina Malloch

Ent. News, Vol. XXXII, No. 5, May, 1921, p. 134.

Type.—♀: Gallatin County, Montana, elevation 5400 feet, August 15, 1912.

Coenosia cilicauda Malloch

Ent. News, Vol. XXXI, No. 4, April, 1920, p. 103.

Paratypes.—♂ and ♀: Huntley, Montana, July 23, 1917; Bozeman, Montana, Montana Experiment Station, July 7, 1917.

Subsequently transferred to the genus *Macrocoenosia* Malloch by Malloch.

Coenosia denticornis Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 164.

Type.—♀: Saskatchewan, Canada, Farewell Creek, July, 1907.

Coenosia femoralis Van der Wulp

Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 345.

Cotype.—♀: Orizaba, Mexico, December, 1887 (H. H. Smith and F. D. Godman).

In fair condition. This species is now considered (Malloch, 1921) as a synonym of *Bithoracochaeta leucoprocta* Wied.

Coenosia fraterna Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 282.

Paratypes.—♀: Blitzen River, Oregon, July 6, 1906.

Coenosia frisoni Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 165.

Type.—♂: Urbana, Illinois, University Woods (formerly Cottonwood Grove), July 20, 1917 (J. R. Malloch).

Coenosia laricata Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 166.

* Type.—♀: Cedar Lake, Lake County, Illinois, in a tamarack grove, August 4, 1906.

Coenosia macrocera Van der Wulp

Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 344.

Cotype.—♀: Sierra de las Aguas Escondidas, Guerrero, Mexico, 9500 feet elevation, July (H. H. Smith).

Coenosia punctulata Van der Wulp

Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 343.

Cotype.—♀: Omiteme, Guerrero, Mexico, 8000 feet elevation, July (H. H. Smith).

Emmesomyia apicalis Malloch

Bull. Brook. Ent. Soc., Vol. XII, No. 5, December, 1917, p. 115.

Type.—♀: Duhois, Illinois, May 23, 1917 (J. R. Malloch).

Allotype.—♂: White Heath, Illinois, June 3, 1917 (J. R. Malloch).

Paratypes.—♀: Savanna, Illinois, June 13, 1917 (J. R. Malloch); Dongola, Illinois, May 12, 1917 (J. R. Malloch).

In the original description the paratype from Savanna is erroneously recorded as collected on June 3 instead of June 13.

Emmesomyia unica Malloch

Bull. Brook. Ent. Soc., Vol. XII, No. 5, December, 1917, p. 114.

Type.—♀: Savoy, Illinois, May 23, 1916 (J. R. Malloch).

Paratypes.—♀: Algonquin, Illinois, June 12, 1897 (W. A. Nason); Homer, Illinois, Homer Park, June 17, 1917 (J. R. Malloch).

The genotype of *Emmesomyia* Malloch (original designation).

Eremomyioides fuscipes Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 182.

Type.—♂: Urbana, Illinois, Augerville Woods (Brownfield Woods), March.

Allotype.—♀: Urbana, Illinois, Augerville Woods (Brownfield Woods), March 17, 1918 (T. H. Frison).

Paratypes.—♂: Urbana, Illinois, Augerville Woods (Brownfield Woods), March 5, 16-18, 1918 (T. H. Frison and J. R. Malloch); Homer, Illinois, March 21, 1909.

Date of capture of type male erroneously given as March 11 in original description.

Eremomyioides similis Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 183.

Type.—♀: Tuscola, Illinois, March 29, 1918 (J. R. Malloch).

Allotype.—♂: Urbana, Illinois, Cottonwood Grove (University Woods), April 16, 1915 (J. R. Malloch).

Paratypes.—♀: Tuscola, Illinois, March 29, 1918 (J. R. Malloch); Dane County, Wisconsin, April 10, 1900 (W. S. Marshall).

Eulimnophora cilifera Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 145.

Type.—♂: Waukegan, Illinois, August 24, 1917 (J. R. Malloch).

Allotype.—♀: Algonquin, Illinois, October 2, 1895 (W. A. Nason).

Paratypes.—♂ and ♀: Waukegan, Illinois, August 24, 1917 (J. R. Malloch); Urbana, Illinois, University forestry, October 22, 1916 (W. A. Nason); Algonquin, Illinois, September 3, 1894 (W. A. Nason).
One male paratype with no data.

Eulimnophora dorsovittata Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 146.
Type.—♀: Kingston, West Indies, April, 1891 (C. W. Johnson).

Fannia canadensis Malloch

Ann. Mag. Nat. Hist., Vol. XIII (Ninth Ser.), No. 76, April 1924, p. 423.
Type.—♂: Gold Rock, Ontario, Canada, Rainy River District, July 21, 1905 (H. H. Newcomb).

Fannia latifrons Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. X, Art. IV, June, 1914, p. 240.
Type.—♂: Elliott, Illinois, July 10, 1906 (E. O. G. Kelley).

Fannia lasiops Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 169.
Type.—♂: Urbana, Illinois, Augerville (Brownfield) Woods, March 30, 1918 (J. R. Malloch).

Fannia spathiophora Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 294.
Type.—♀: Gold Rock, Ontario, Canada, Rainy River District, July 21, 1905 (H. H. Newcomb).
Paratype.—♀: Ontario, Canada, Gold Rock, Rainy River District, July 21, 1905 (H. H. Newcomb).

Fannia trianguligera Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 292.
Paratypes.—♂: Alamogordo, New Mexico, May 7, 1902.

Hebecenma affinis Malloch

Can. Ent., Vol. LIII, No. 9, September, 1921, p. 214.
Paratypes.—♂ and ♀: Mt. Greylock, Massachusetts, June 15, 1906; Bar Harbor, Maine, July 30, 1919.

Helina algonquina Malloch

Bull. Brook. Ent. Soc., Vol. XVII, No. 3, June, 1922, p. 96.
Type.—♂: Algonquin, Illinois, May 20, 1908 (W. A. Nason).

Helina bispinosa Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 142.
Type.—♂: Waukegan, Illinois, August 24, 1917 (J. R. Malloch).

Helina consimilata Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 144.
Type.—♂: New Bedford, Massachusetts (Hough).

Helina johnsoni Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 141.
Paratypes.—♂ and ♀: Provincetown, Massachusetts, June 29, 1891; Auburndale, Massachusetts, June 16 (C. W. Johnson).

Helina linearis Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 139.
Type.—♂: Bozeman, Montana, elevation 4800 feet, July 7, 1902.
Left wing is missing.

Helina mimetica Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 142.
Paratype.—♀: Glen House, New Hampshire, June 14, 1916.

Helina nasoni Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 138.
Type.—♂: Algonquin, Illinois, August 16, 1895 (W. A. Nason).

Helina nigribasis Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 143.
Type.—♂: Dongola, Illinois, May 12, 1917 (C. A. Hart and J. R. Malloch).

- Allotype.—♀: Dongola, Illinois, May 12, 1917 (C. A. Hart and J. R. Malloch).
- Paratypes.—♂ and ♀: Dongola, Illinois, May 12, 1916, May 9, 10 and 12, 1917 (C. A. Hart and J. R. Malloch); Dabois, Illinois, May 24, 1917 (C. A. Hart and J. R. Malloch); Carlinville, Illinois, May 18 (C. Robertson).
- Helina nigrita** Malloch
Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 139.
Type.—♂: Monida, Montana, July 27, 1913.
- Helina spinilamellata** Malloch
Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 140.
Type.—♂: Bozeman, Montana, July 17, 1916.
- Helina tuberculata** Malloch
Can. Ent., Vol. LI, No. 12, December, 1919, p. 277.
Type.—♂: Rigolet, Labrador, July 18, 1906.
Allotype.—♀: Alberta, Canada, Lake Louise, July 15, 1908 (C. S. Minot).
- Hydrophoria collaris** Van der Wulp
Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 333.
Cotype.—♀: Omilteme, Guerrero, Mexico, 8000 feet elevation, July (H. H. Smith).
Malloch (1921) has transferred this species to the genus *Pegomyia* R.—Desvoidy.
- Hydrophoria flavipalpis** Van der Wulp
Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 334.
Cotype.—♂: Sierra de las Aguas Escondidas, Guerrero, Mexico, 7000 feet elevation, July (H. H. Smith).
Malloch (1921) has transferred this species to the genus *Emmesomyia* Malloch.
- Hydrophoria nigerrima** Malloch
Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 169.
Paratypes.—♂ and ♀: Mt. Rainier, Washington, on snow, 7000-9000 feet elevation, August, 1917 (A. L. Melander); Mt. Rainier, Washington, Paradise Park, August, 1917 (A. L. Melander); Mt. Rixford, California, on snow, 12000 feet elevation, August 12, 1914 (R. L. B.).
- Hydrophoria polita** Malloch
Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 170.
Type.—♂: Bozeman (Copperopolis), Montana, elevation 5400 feet, July 23, 1902 (J. M. Aldrich).
Allotype.—♀: Bozeman (Copperopolis), Montana, 5400 feet elevation, July 23, 1902 (J. M. Aldrich).
Paratype.—♂: Wells, Nevada, July 12, 1911 (J. M. Aldrich).
Nothing remains of paratype but part of thorax and wings.
- Hydrophoria proxima** Malloch
Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 171.
Paratype.—Princeton, Maine, July 12, 1909 (C. W. Johnson).
- Hydrophoria subpellucida** Malloch
Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 296.
Paratypes.—♂ and ♀: Alamogordo, New Mexico, June 30 and May 15, 1902.
- Hydrophoria transversalis** Van der Wulp
Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 334.
Cotypes.—♂ and ♀: Sierra de las Aguas Escondidas, Guerrero, Mexico, 7000 feet elevation, July (H. H. Smith); Omilteme, Guerrero, Mexico, 8000 feet elevation, July (H. H. Smith).
In poor condition. Stein has sunk this species as a synonym of *pictipes* Bigot and placed it in the genus *Tacniomyia* Stein. Malloch (1921) considers that this species belongs in the genus *Pegomyia* R.—Desvoidy.

Hydrophoria uniformis Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 297.

Type.—♂: Dubois, Illinois, May 25, 1917.

Lectoallotype.—♀ Dubois, Illinois, May 23, 1917.

Paratypes.—♂ and ♀: Urbana, Illinois, April 5-7, 1909; Savoy, Illinois, March 26, 1917.

Hydrotaea cristata Malloch

Bull. Brook. Ent. Soc., Vol. XIII, No. 4, October, 1918, p. 94.

Type.—♂: New Bedford, Massachusetts.

Hydrotaea houghi Malloch

Bull. Brook. Ent. Soc., Vol. XI, No. 5, December, 1916, p. 110.

Lectotype.—♂: Homer, Illinois, April 24, 1909.

Lectoallotype.—♀ Homer, Illinois, April 24, 1909.

Paratypes.—♂ and ♀: Claremont, New Hampshire, October 16, 1915; London, Ontario, Canada, 1896; Opelousas, Louisiana, March, 1897; Urbana, Illinois, June 20, 1888, (J. Marten); Urbana, Illinois, April 5-30, 1909; Tifton, Georgia, October 16, 1896; Algonquin, Illinois, June 10, 1895 and April 24, 1897 (W. A. Nason). Acc. No. 14488.

Hylemyia augustiventris Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 315.

Paratype.—♂ Cloudercroft, New Mexico, June 16, 1902.

In fair condition.

Hylemyia attenuata Malloch

Trans. Amer. Ent. Soc., XLVI, June 12, 1920, p. 188.

Type.—♂: Claremont, California (Baker).

Hylemyia bicaudata Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 193.

Type.—♂: Grand Tower, Illinois, along Mississippi River, April 21, 1914 (J. R. Malloch).

Paratypes.—♂: Grand Tower, Illinois, along Mississippi River, April 21, 1914 (J. R. Malloch); Algonquin, Illinois.

Hylemyia bicrucata Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 190.

Type.—♂: Great Caribou Island, Labrador, July 27, 1906.

Hylemyia brevitarsis Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 309.

Paratypes.—♂: Lagunitas Canon, Marin County, California, March 29, 1908.

Hylemyia cilifera Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 311.

Type.—♂: Gallatin County, Montana, June 13, 1917.

Hylemyia curvipes Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 316.

Type.—♂: Grand Tower, Illinois, along river, April 21, 1914.

Paratypes.—♂: Grand Tower, Illinois, Big Muddy River, April 22, 1914; Lafayette, Indiana, May 1, 1918.

Hylemyia duplicata Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 308.

Paratypes.—♂ and ♀: Berkeley Hills, Alameda County, California, April 20, 1908.

Hypopygium and armature of fifth abdominal segment of another paratype without data preserved in alcohol.

Hylemyia extremitata Malloch

Proc. Calif. Acad. Sc., Vol. IX, No. 11 (4th Ser.), December, 23, 1919, p. 309.

Type.—♂: Gallatin County, Montana, 5500 feet elevation, July 19, 1911.

Hylemyia gracilipes Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 187.

Type.—♂: Lima, Montana, July 1, 1913.

Paratypes.—♂: Lima, Montana, July 1, 1913.

Hylemyia inaequalis Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 190.

Type.—♂: Oregon, Illinois, June 19, 1917 (J. R. Malloch).

Paratype.—♂: Oregon, Illinois, June 20, 1917 (J. R. Malloch).

Hylemyia innocua Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 186.

Type.—♂: New Bedford, Massachusetts (Hough).

Allotype.—♀: New Bedford, Massachusetts (Hough).

Paratypes.—♂ and ♀: New Bedford, Massachusetts (Hough).

Hylemyia marginella Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 311.

Type.—♂: Tennessee Pass, Colorado, July 24, 1917 (J. M. Aldrich).

Paratype.—♂: Beulah, New Mexico, top of Las Vegas Range, June 28, 1902.

Hypopygium and fifth abdominal sternite only of another paratype male preserved in alcohol.

Hylemyia montana Malloch

Proc. Biol. Soc. Wash., Vol. 32, June 27, 1919, p. 134.

Paratypes.—♂: Denver, Colorado, July 19, 1914 (O. E. Jackson); Crow Agency, Montana, July 10, 1916 (R. Kellogg); Armstead, Montana, July 3, 1913; Bozeman, Montana, July 10 and 15, 1912.

Hypopygium and fifth abdominal sternite of one paratype preserved in alcohol.

Hylemyia normalis Malloch

Proc. Calif. Acad. Sc., Vol. IX, No. 11 (4th Ser.), December 23, 1919, p. 309.

Type.—♂: Armstead, Montana, July 3, 1913.

Paratypes.—♂: Lima, Montana, July 1, 1913; Dillon, Montana, July 5, 1913; Powderville, Montana, July 6, 1916; Musselshell, Montana, July 30, 1917.

Hylemyia occidentalis Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 191.

Type.—♂: Washington, April 4, 1893 (T. Kincaid).

Paratypes.—♂: Washington, April 12, 19 and 20, 1893 (T. Kincaid).

Hylemyia pedestris Malloch

Can. Ent., Vol. LI, No. 12, December, 1919, p. 274.

Paratype.—♂: Godbout, Quebec, Canada, July 25, 1918 (E. M. Walker)

Hylemyia piloseta Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 313.

Type.—♂: Corvallis, Oregon, April 26, 1908 (L. Hill).

Paratype.—♂: Mary's River, Oregon (Webster).

Hypopygium and armature of fifth abdominal sternite are preserved in alcohol.

Hylemyia pluvialis Malloch

Can. Ent., Vol. L, No. 9, September, 1918, p. 310.

Type.—♂: Gold Rock, Ontario, Canada, Rainy River District, July 21 (H. H. Newcomb).

Hylemyia recurva Malloch

Proc. Calif. Acad. Sc., Vol. IX, (4th Ser.), December 23, 1919, p. 308.

Paratypes.—♂: Huntington Lake, Fresno County, California, 7000 feet elevation, July 10-27, 1919 (F. C. Clark).

Hylemyia setifer Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 192.

Paratypes.—♂: Gallatin County, Montana, July 24, 1917; Bozeman, Montana, July 23, 1914; Tennessee Pass, Colorado, July 23, 1917 (J. M. Aldrich); Hot Springs, Montana, July 3, 1917.

Hylemyia spinilamellata Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 12, 1918, p. 312.

Type.—♂: Silver Lake, Utah, July 10.

Lectotype.—♀: Beulah, New Mexico, top of Las Vegas Range, June 28, 1902.

The name of *Hylemyia spinidens* was subsequently proposed for this species by Malloch (1920) because *spinilamellata* was preoccupied. Hypopygium and armature of fifth abdominal sternite of type preserved in alcohol.

Hylemyia substriatella Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 309.

Type.—♂: Falls Church, Virginia, October 14, 1913 (C. T. Greene).

Hypopygium and armature of fifth abdominal segment of male preserved in alcohol.

Hylemyia tridens Malloch

Ohio Journ. Sc., Vol. XX, No. 7, May, 1920, p. 284.

Paratype.—♂: Savonoski, Naknek Lake, Alaska, August, 1919 (J. S. Hine).

Leucmelina deleta Van der Wulp

Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 329.

Cotype.—♂: Omiteme, Guerrero, Mexico, 8000 feet elevation, July (H. H. Smith).

Malloch (1921) has transferred this species to the genus *Limnophora* R.—Desvoidy.

Leucmelina minuscula Van der Wulp

Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 330.

Cotype.—♀: Otoyac, Vera Cruz, Mexico, April (H. H. Smith).

In poor condition. Malloch (1921) indicates but does not definitely state that this species belongs to the genus *Limnophora* R.—Desvoidy.

Limnophora angulata Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 151.

Paratypes.—♀: West Coast of Greenland, 1891 (Mengel and Hughes on the Peary Expedition).

Limnophora acuticornis Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 147.

Paratype.—♀: Swarthmore, Pennsylvania, July, 1908.

Limnophora clivicola Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 155.

Type.—♂: Makanda, Illinois, resting on stone, June 4, 1919 (C. P. Alexander and J. R. Malloch).

Allotype.—♀: Makanda, Illinois, resting on stone, July 5, 1919 (C. P. Alexander and J. R. Malloch).

Paratype.—♂: Makanda, Illinois, resting on stone, July 5, 1919 (C. P. Alexander and J. R. Malloch).

Limnophora extensa Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 150.

Paratypes.—♂ and ♀: West Coast of Greenland, 1891 (Mengel and Hughes on the Peary Expedition).

Male in poor condition.

Limnophora obsoleta Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 150.

Paratypes.—♂ and ♀: West Coast of Greenland, 1891 (Mengel and Hughes on the Peary Expedition).

Limnophora pearyi Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 151.

Paratype.—♂: West Coast of Greenland, 1891 (Mengel and Hughes on the Peary Expedition).

In fair condition.

Limnophora socia Van der Wulp

Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 326.

Cotype.—♀: Omilteme, Guerrero, Mexico, 8000 feet elevation, July (H. H. Smith).

Malloch (1921) has transferred this species to the genus *Hclina* R.—Desvoidy.

Limnophora tetrachaeta Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 153.

Type.—♂: Blitzen River, Oregon, July 6, 1906.

Paratype.—♂: Blitzen River, Oregon, July 6, 1906.

Hypopygium and fifth abdominal sternite of paratype are preserved in alcohol.

Macrophorbia houghi Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 173.

Type.—♀: New Bedford, Massachusetts, May 10, 1896 (Hough).

Paratype.—♂: Sherborn, Massachusetts, April 30, 1912.

The genotype of *Macrophorbia* Malloch (original designation and monobasic).

Melanochelia angulata Malloch

Can. Ent., Vol. LIII, No. 3, March, 1921, p. 63.

Lectotype.—♂: Umanak, Greenland, July 14, 1914 (M. C. Tanquary).

Lectoallotype.—♀: Umanak, Greenland, July 28, 1914 (M. C. Tanquary and W. E. Ekblaw).

Paratype.—♀: Umanak, Greenland, August 4, 1914 (M. C. Tanquary).

The data associated with these types is here published for the first time, the species being described in a key without mention of locality or date of capture.

Melanochelia imitatrix Malloch

Can. Ent., Vol. LIII, No. 3, March, 1921, p. 64.

Type.—♂: Nain, Labrador, August 18.

Muscina tripunctata Van der Wulp

Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 305.

Cotype.—♂: Northern Yucatan, Mexico (Gaumer).

According to Malloch this species belongs to the genus *Ncomuscina* Townsend.

Mydaea armata Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 135.

Type.—♀: Gallatin County, Montana, 8000 feet elevation, July 12, 1900 (E. Koch).

Mydaea brevipilosa Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 135.

Type.—♂: Algonquin, Illinois, July 2, 1904 (W. A. Nason).

Paratype.—♂: Savanna, Illinois, June 13, 1917 (J. R. Malloch).

The type is erroneously stated to be a female in the original description.

Mydaea concinna Van der Wulp

Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 317.

Cotype.—♀: Xucumanatlan, Guerrero, Mexico, July, 7000 feet elevation (H. H. Smith).

Malloch (1921) has erected the new genus *Smithomyia* for this species.

The genotype of *Smithomyia* Malloch (monobasic).

Mydaea discimana Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 136.

Type.—♀: New Bedford, Massachusetts (Hough).

Mydaea neglecta Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 136.

Type.—♂: Ramsey, New Jersey, June 5, 1916.

Allotype.—♀: New Bedford, Massachusetts, August 30, 1896 (Hough).

Paratypes.—♂ and ♀: Plummer's Island, Maryland, May 10, 1916 (W. L. McAtee); Ramsey, New Jersey, June 5, 1916; North Mountain, Pennsylvania, September 1; Falls Church, Virginia, June 28, 1912 (C. T. Greene); Rowayton, Connecticut, June 16, 1909; Broad Top, Texas; New Bedford, Massachusetts, August 30, 1896 (Hough); Chester, Massachusetts, July 25, 1913.

Mydaea obscura Van der Wulp

Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 317.

Cotype.—♂: Northern Yucatan, Mexico (Gaumer).

Malloch (1921) has erected the new genus *Neomusca* for this species. The genotype of *Neomusca* Malloch (monobasic).

Mydaea persimilis Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 134.

Type.—♀: Lake Louise, Alberta, Canada, July 15, 1908.

Erroneously recorded as collected on August 15 instead of July 15.

Neochirosia setiger Malloch

Bull. Brook. Ent. Soc., Vol. XII, No. 2, April, 1917, p. 36.

Lectotype.—♂: White Heath, Illinois, along Sangamon River, April 28, 1916 (J. R. Malloch).

Lectoallotype.—♀: White Heath, Illinois, along Sangamon River, April 28, 1916 (J. R. Malloch).

Paratype.—♀: White Heath, Illinois, along Sangamon River, April 30, 1916.

In the original description the month of capture of the type series is erroneously given as May instead of April. The genotype of *Neochirosia* Malloch (monobasic).

Neohylemyia proboscidalis Malloch

Bull. Brook. Ent. Soc., Vol. XII, No. 2, April, 1917, p. 38.

Type.—♂: Quincy, Illinois, on sand-bar along Mississippi River, August 10, 1889 (C. A. Hart). Hart Acc. No. 547.

The genotype of *Neohylemyia* Malloch (original designation and monobasic).

Pegomyia acutipennis Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 301.

Paratypes.—♂ and ♀: Alamogordo, New Mexico, May 2, 1902; Cloudcroft, New Mexico, May 16, 1902.

Pegomyia emmesia Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 179.

Type.—♂: Savanna, Illinois, June 14, 1917 (J. R. Malloch).

Allotype.—♀: Savanna, Illinois, June 11, 1917 (J. R. Malloch).

Paratypes.—♂ and ♀: Savanna, Illinois, June 13-14, 1917 (J. R. Malloch); Elizabeth, Illinois, July 7, 1917; Oregon, Illinois, June 20, 1917 (J. R. Malloch); Urbana, Illinois, July 21, 1889 (C. A. Hart). Hart Acc. No. 530.

Pegomyia fringilla Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 181.

Paratypes.—♂ and ♀: Urbana, Illinois, Augerville Grove (Brownfield Woods), April 18, 1919 (J. R. Malloch); Savoy, Illinois, on apple blossoms, May 4, 1916 (J. R. Malloch); Falls Church, Virginia, flying, April 27, 1915 (C. T. Greene).

- Pegomyia fuscofasciata** Malloch
Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 178.
Paratype.—♂: Southbridge, Massachusetts, July 27, 1912.
- Pegomyia labradorensis** Malloch
Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 176.
Type.—♂: Nain, Labrador, August, 1918.
- Pegomyia littoralis** Malloch
Bull. Brook. Ent. Soc., Vol. XV, No. 5, December, 1920, p. 127.
Paratypes.—♂: Bar Harbor, Maine, July 21-22, 1919 (C. W. Johnson).
- Pegomyia quadrispinosa** Malloch
Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 181.
Type.—♂: Gallatin County, Montana, 9400 feet elevation, July 9, 1900 (C. Koch).
Allotype.—♀: Monida, Montana, June 27, 1913.
- Pegomyia spinigerellus** Malloch
Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 178.
Type.—♂: Havana, Illinois, Gleason's sand dune, April 30, 1914 (J. R. Malloch).
Paratype.—♂: Meredosia, Illinois, sand pit, August 22, 1917 (J. R. Malloch).
- Pegomyia subgrisea** Malloch
Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 180.
Type.—♂: Bozeman, Montana, June 14, 1906.
In the original description the month is erroneously given as July instead of June.
- Pegomyia unguiculata** Malloch
Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 176.
Paratypes.—♂: Lake Louise, Alberta, Canada, July 15, 1908 (C. S. Minot).
- Phaonia albocalyptata** Malloch
Ohio Journ. Sc., Vol. XX, No. 7, May, 1920, p. 267.
Paratype.—♂: Savonoski, Naknek Lake, Alaska, July, 1919 (J. S. Hine).
- Phaonia basisetata** Malloch
Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 133.
Type.—♀: Bozeman, Montana, June 18, 1913.
Lectoallotype.—♂: Waubay, South Dakota, June 6, 1918.
Paratypes.—♂ and ♀: Waubay, South Dakota, June 6, 1918 (J. M. Aldrich).
The type is erroneously recorded as a male in the original description.
- Phaonia brevispina** Malloch
Trans. Amer. Ent. Soc., Vol. XLVIII, January 12, 1923, p. 269.
Type.—♂: Urbana, Illinois, on tree trunk, August 1, 1916 (J. R. Malloch).
Allotype.—♀: Urbana, Illinois, at sap exuding from tree trunk, September 5, 1915 (J. R. Malloch).
- Phaonia citreibasis** Malloch
Ohio Journ. Sc., Vol. XX, No. 7, May, 1920, p. 268.
Paratype.—♂: Savonoski, Naknek Lake, Alaska, July, 1919 (J. S. Hine).
- Phaonia harti** Malloch
Trans. Amer. Ent. Soc., Vol. XLVIII, January 12, 1923, p. 266.
Type.—♂: Urbana, Illinois, reared from larva found under bark, March-April, 1916 (J. R. Malloch). Acc. No. 46619.
Allotype.—♀: Urbana, Illinois, reared from larva found under bark, March-April, 1916 (J. R. Malloch). Acc. No. 46619.
Paratypes.—♂ and ♀: Urbana, Illinois, June 1, 1890 (C. A. Hart); Urbana, Illinois, reared from larvae found under bark, March-April, 1916 (J. R. Malloch); Great Falls, Virginia, May 2, 1917 (W. L. McAtee).
Acc. Nos. 15701, 46617-46619 and 46665.

Phaonia laticornis Malloch

Trans. Amer. Ent. Soc., Vol. XLVIII, January 12, 1923, p. 279.

Type.—♂: Hampton, New Hampshire, May 20, 1907 (S. A. Shaw).

Allotype.—♀: Cedar Lake, Lake County, Illinois, bog, August 6, 1906 (C. A. Hart).

In the original description, evidently due to a typographical error, a statement regarding the locality of the type male is omitted.

Phaonia monticolla Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 266.

Paratype.—♂: Beulah, New Mexico, top of range, June 28, 1902.

Date of this paratype is erroneously given as June 24 in original description of species.

Phaonia nigricauda Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 268.

Paratypes.—♂ and ♀: Redwood Canyon, Marin County, California, May 17, 1908.

Phaonia subfusca Malloch

Trans. Amer. Ent. Soc., Vol. XLVIII, January 12, 1923, p. 273.

Type.—♂: Pulaski, Illinois, meadow, June 2, 1910 (C. A. Hart).

Allotype.—♀: Pulaski, Illinois, meadow, June 2, 1910 (C. A. Hart).

Paratypes.—♂ and ♀: Pulaski, Illinois, meadow, June 2, 1910 (C. A. Hart).

One male paratype in poor condition. The date of capture of type series is erroneously given as July 2, 1910, in the original description.

Phaonia texensis Malloch

Trans. Amer. Ent. Soc., Vol. XLVIII, January 12, 1923, p. 271.

Type.—♂: Brownsville, Texas, South Texas Garden, at sugar, November 23, 1910 (C. A. Hart).

Allotype.—♀: Brownsville, Texas, South Texas Garden, December 17, 1910 (C. A. Hart).

Paratypes.—♂: Brownsville, Texas, South Texas Garden, December 17, 1910 (C. A. Hart).

Phorbia fuscisquama Van der Wulp

Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 340.

Cotype.—♂: Omilteme, Guerrero, Mexico, 8000 feet elevation, July (H. H. Smith).

Malloch (1921) has transferred this species to the genus *Phaonia* R.—Desvoidy.

Phorbia prisca Van der Wulp

Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 340.

Cotype.—♀: Ciudad, Durango, Mexico, 8100 feet elevation (Forrer).

Phyllogaster littoralis Malloch

Can. Ent., Vol. XLIX, No. 7, July, 1917, p. 228.

Type.—♂: Grand Tower, Illinois, on willow, July 12, 1909.

Lectotype.—♀: Waukegan, Illinois, on beach, August 23, 1906.

Paratypes.—♀: South Haven, Michigan, on shore of Lake Michigan, July 14, 1914 (C. A. Hart); Algonquin, Illinois, July 10, 1895 (W. A. Nason).

Pogonomyia aldrichi Malloch

Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 281.

Type.—♂: Moscow, Idaho, May 22, 1913 (J. M. Aldrich).

Pogonomyia aterrима Van der Wulp

Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 335.

Cotype.—♀: Ciudad, Durango, Mexico, 8100 feet elevation (Forrer)

Pogonomyia flavinervis Malloch

Bull. Ill. State Lab. Nat. Hist., Vol. XL, Art. IV, December, 1915, p. 356.

Lectotype.—♂: Northern Illinois.

Lectoallotype.—♀: Algonquin, Illinois, May 24, 1895 (W. A. Nason).

- Paratype.—♀: Algonquin, Illinois (W. A. Nason).
 Synonymized as *Pogonomyia nitens* (Stein) by Aldrich (1918). Dr. Aldrich informs me, however, that "*flavinervis* is still the name for this species" because *nitens* is preoccupied.
- Pogonomyia latifrons** Malloch
 Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 281.
 Type.—♀: Tennessee Pass, Colorado, July 24, 1917 (J. M. Aldrich).
- Pogonomyia minor** Malloch
 Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 280.
 Paratypes.—♂ and ♀: Beulah, New Mexico, top of Las Vegas range, June 28, 1902; Tennessee Pass, Colorado, July 25, 1917 (J. M. Aldrich); Farewell Creek, Saskatchewan, Canada, June, 1907.
- Pogonomyia similis** Malloch
 Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 279.
 Paratypes.—♂ and ♀: Bozeman, Montana, June 20, 1906; Beulah, New Mexico, top of Las Vegas Range, June 28, 1902; Tennessee Pass, Colorado, July 25, 1917 (J. M. Aldrich); Bozeman, Montana, 4800 feet elevation, July 7, 1902; Gallatin Mountains, Montana, 6000 feet elevation, June 1, 1914.
- Pogonomyia proboscidalis** Malloch
 Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 185.
 Paratypes.—♂ and ♀: Delaware County, Pennsylvania, May 21, 1905; Swarthmore, Pennsylvania, June 4, 1905.
- Prosalpia angustitarsus** Malloch
 Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 184.
 Paratypes.—♂ and ♀: Southwest Harbor, Maine, July 13, 1918 (C. W. Johnson); Machias, Maine, July 22, 1909 (C. W. Johnson).
- Schoenomyza aurifrons** Malloch
 Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 288.
 Type.—♂: Mexico City, Mexico, July, 1897.
- Schoenomyza convexifrons** Malloch
 Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 287.
 Paratypes.—♀ and ♂: Milbrae, San Mateo County, California, March 20, 1908.
- Schoenomyza dorsalis** var. *partita* Malloch
 Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 289.
 Paratypes.—♂ and ♀: Lagunitas Canyon, Marin County, California, March 29, 1908.
- Schoenomyza dorsalis** var. *sulfuriceps* Malloch
 Trans. Amer. Ent. Soc., Vol. XLIV, October 28, 1918, p. 288.
 Paratypes.—♂ and ♀: Berkeley Hills, Alameda County, California, March 22, 1908; Yosemite Valley, California, May 22, 1908.
- Spilogaster copiosa** Van der Wulp
 Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 321.
 Cotypes.—♂ and ♀: Omilteme, Guerrero, Mexico, 8000 feet elevation, July (H. H. Smith).
 Malloch (1921) has transferred this species to the genus *Helina* R.—Desvoidy.
- Spilogaster parvula** Van der Wulp
 Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 321.
 Cotype.—♀: Tepetlapa, Guerrero, Mexico, 3000 feet elevation, October (H. H. Smith).
 Malloch (1921) has transferred this species to the genus *Helina* R.—Desvoidy.
- Spilogaster rubripalpis** Van der Wulp
 Biol. Centrali-Americana, Insecta-Diptera, Vol. II, May, 1903, p. 320.
 Cotype.—♀: Cuernavaca, Morelos, Mexico, June (H. H. Smith).

Malloch (1921) has transferred this species to the genus *Ariciella* Malloch. *A. flavicornis* Malloch is a synonym of *rubripalpis* Van der Wulp, the latter having priority.

Spilogaster signatipennis Van der Wulp

Biol. Centrali-Americana, Insecta-Diptera, Vol. 11, May, 1903, p. 322.

Cotypes.—♂ and ♀: Sierra de las Aguas Escondidas, Guerrero, Mexico, 9500 feet elevation, July (H. H. Smith); Omilteme, Guerrero, 8000 feet elevation, July (H. H. Smith).

Malloch (1921) has transferred this species to the genus *Hclina* R.—Desvoidy.

Tetramerinx brevicornis Malloch

Can. Ent., Vol. XLIX, No. 7, July, 1917, p. 226.

Type.—♀: Waukegan, Illinois, on shore of Lake Michigan, August 23, 1906.

Allotype.—♂: Waukegan, Illinois, on shore of Lake Michigan, August 24, 1917 (J. R. Malloch).

Paratypes.—♂ and ♀: Waukegan, Illinois, on shore of Lake Michigan, August 23, 1906; Waukegan, Illinois, on sand on shore of Lake Michigan (J. R. Malloch).

Subsequently transferred by Malloch (1920) to the genus *Limnophora* R.—Desvoidy at the time of description of allotype.

Trichopticus conformis Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 157.

Paratypes.—♂: Boisdale, Cape Breton, Nova Scotia, July 18-19; Spruce Brook, Newfoundland, August 8-12; Youghall, New Brunswick, Canada, July 4-7, 1908 (A. Gibson).

Hypopygium and fifth abdominal sternite only of a paratype are preserved in alcohol.

Trichopticus latipennis Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 158.

Paratypes.—♂: North Adams, Massachusetts, June 18, 1906; Great Barrington, Massachusetts, June 16, 1915 (C. W. Johnson).

Xenocoenosia floridensis Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 163.

Paratypes.—♂ and ♀: St. Augustine, Florida, April 19, 1919 (C. W. Johnson).

Xenocoenosia major Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 163.

Paratype.—♀: St. Augustine, Florida, April 12, 1919 (C. W. Johnson).

Xenomysdaea buccata Malloch

Trans. Amer. Ent. Soc., Vol. XLVI, June 12, 1920, p. 144.

Type.—♂: Monida, Montana, June 27, 1913.

Allotype.—♀: Tennessee Pass, Colorado, July 24, 1917 (J. M. Aldrich).

Family TACHINIDÆ

Peleteria campestris Curran

Trans. Royal Soc. of Canada, Third Series, Vol. XIX, 1925, p. 247.

Paratype.—♂: Horseshoe Canyon, Chiricahua Mountains, Arizona, 6000 feet altitude.

Peleteria confusa Curran

Trans. Royal Soc. of Canada, Third Series, Vol. XIX, 1925, p. 253.

Paratypes.—♀: Waterbury, Connecticut, on foliage, September 26, 1914; Mt. Holyoke Gap, Massachusetts, September 17, 1914 (C. H. T. Townsend).

Peleteria townsendi Curran

Trans. Royal Soc. of Canada, Third Series, Vol. XIX, 1925, p. 252.

Paratypes.—♂ and ♀: Mexico City, Mexico (Juan Muller); Chihuahua, Mexico, at flowers of *Rudbeckia*, Mound valley, August 24, 1909 (C. H. T. Townsend).

ORDER HYMENOPTERA

Family TENTHREDINIDAE

Dolerus neostugnus MacGillivray

Bull. Brooklyn Ent. Soc., Vol. XVIII, No. 2, April, 1923, p. 55.

Paratype.—♀: Urbana, Illinois, April 12, 1898.

Euura salicicola Smith

North Amer. Ent., Vol. I, 1879, p. 41.

Cotypes.—♂ and ♀: Peoria, Illinois, bred from *Salix alba*, April 15, 1878 (E. A. Smith).

Metallus rubi Forbes

Fourteenth Rep. State Ent. Ill., September 2, 1885, p. 87.

Lectotype.—♂: Normal, Illinois, reared from mines in leaves of raspberries, August 12, 1884.

The genotype of *Metallus* Forbes (monobasic).

Nematus robiniae Forbes

Fourteenth Rep. State Ent. Ill., September 2, 1885, p. 116.

Type.—♀: Normal, Illinois, reared from larva on black locust (*Robinia pseudacacia*), July 4, 1884. Acc. No. 4572.

This was considered by Marlatt as a synonym of *trilineata* Norton but Rohwer (1912) considers it a good species and places it in the genus *Pteronidea* Rohwer.

Tenthredo messica MacGillivray

Journ. N. Y. Ent. Soc., Vol. V, No. 3, September, 1897, p. 107.

Paratype.—♂: Olympia, Washington, June 13, 1894 (T. Kincaid).

Family ARGIDAE

Nematoneura malvacearum Cockerell

Insect Life, Vol. VII, No. 3, December, 1894, p. 252.

Paratype.—♂: Sante Fe, New Mexico, August, 1894 (T. D. A. Cockerell).

The species has been transferred to the genus *Neoptilla* Ashmead by Rohwer (1912).

Family BRACONIDAE

Adialytus maidaphidis Garman

Fourteenth Rep. State Ent. Ill., September 2, 1885, p. 31.

Lectotype.—♀: Champaign, Illinois, reared from *Aphis maidis* Fitch, November 7, 1884 (H. Garman).

Lectoallotype.—♂: Champaign, Illinois, reared from *Aphis maidis* Fitch, November 6, 1884 (H. Garman). Acc. No. 47310.

Paratypes.—♂ and ♀: Champaign, Illinois, reared from *Aphis maidis* Fitch, November 6, 1884 (H. Garman). Acc. Nos. 5357 and 47310. Slide Nos. 3145 and 3146.

Two female paratypes mounted in balsam on two slides and three female and two male paratypes in alcohol. According to Gahan this species is synonymous with *Lysiphlebius testaceipes* Cresson, the latter having priority.

Apanteles canarsiae Ashmead

Proc. Ent. Soc. Wash., Vol. 4, No. 3, March, 1897, p. 127.

Paratypes.—♂ and ♀: Normal, Illinois, bred from *Psorosina* (*Canarsia*) *hammondi* Riley, August 10-14, 1894 (W. G. Johnson). Acc. No. 20063.

Apanteles crambi Weed

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. I, August, 1887, p. 8.

Lectotype.—♀: Champaign, Illinois, bred from *Crambus zeellus* Fernald or *Crambus trisectus* Walker (= *exciccatus* of Weed), June 19-21, 1886 (C. M. Weed). Acc. No. 10478.

Lectoallotype.—♂: Champaign, Illinois, bred from *Crambus zeellus* Fernald and *Crambus trisectus* Walker (= *exciccatus* of Weed), July 15, 1886 (C. M. Weed). Acc. No. 10630.

Paratypes.—♂: Champaign, Illinois, bred from *Crambus zeellus* Fernald and *Crambus trisectus* Walker (= *exciccatus* of Weed), July 15, 1886 (C. M. Weed). Acc. No. 10630.

Apanteles ornigis Weed

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. I, August, 1887, p. 6.

Lectotype.—♀: Normal, Illinois, bred from larva of *Ornix geminatella* Packard, May 3, 1886 (C. M. Weed). Acc. No. 8890.

Lectoallotype.—♂: Normal, Illinois, bred from larva of *Ornix geminatella* Packard, May 3, 1886 (C. M. Weed). Acc. No. 8890.

Paratypes.—♀: Normal, Illinois, bred from larvae of *Ornix geminatella* Packard, April 27 and May 3, 1886 (C. M. Weed). Acc. Nos. 8832 and 8890.

Apanteles orobenae Forbes

Twelfth Rep. State Ent. Ill., November 20, 1883, p. 104.

Lectotype.—♀: Anna, Union County, Illinois, bred from *Evergestis (Orobena) rimosalis* Guenée, September 15, 1882 (S. A. Forbes). Acc. No. 2851.

Lectoallotype.—♂: Anna, Union County, Illinois, bred from *Evergestis (Orobena) rimosalis* Guenée, September 15, 1882 (S. A. Forbes). Acc. No. 3129.

Paratypes.—♂ and ♀: Anna, Union County, Illinois, bred from *Evergestis (Orobena) rimosalis* Guenée, September 15, 1882 (S. A. Forbes). Acc. No. 2851. Slide Nos. 3143 and 3144.

Seventeen specimens were found labeled as types, though original description mentions but twelve. Five male and two female paratypes preserved in alcohol in two vials. Two paratypes, one male and one female, mounted in balsam on two slides.

Apanteles sarrothripae Weed

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. I, August, 1887, p. 6.

Lectotype.—♀: Normal, Illinois, bred from *Sarrothripus revayana* Scopoli (= *intnerana* of Weed), July, 1884 (C. M. Weed). Acc. No. 2459.

Lectoallotype.—♂: Normal, Illinois, bred from *Sarrothripus revayana* Scopoli (= *intnerana* of Weed), July, 1884 (C. M. Weed). Acc. No. 2459.

Paratype.—♀: Normal, Illinois, bred from *Sarrothripus revayana* Scopoli (= *intnerana* of Weed), July, 1884 (C. M. Weed). Acc. No. 2459.

Bassus acrobasisis Cushman

Proc. U. S. N. M., Vol. 58, No. 2334, November 8, 1920, p. 289.

Paratype.—♂: Brownwood, Texas, reared from *Acrobasis* species, Quaintance No. 16787, July 4, 1918 (A. I. Fabis).

Clinocentrus americanus Weed

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. IV, October, 1887, p. 43.

Lectotype.—♀: Champaign, Illinois, bred from *Peronea (Teras) minuta* Robinson, June 5, 1886 (C. M. Weed). Acc. No. 10293.

Lectoallotype.—♂: Champaign, Illinois, bred from *Peronea (Teras) minuta* Robinson, June 5, 1886 (C. M. Weed). Acc. No. 10295.

Paratypes.—♀: Champaign, Illinois, bred from *Peronea (Teras) minuta* Robinson, June 5, 1886 (C. M. Weed). Acc. Nos. 10293 and 10295.

Clinocentrus niger Ashmead

Bull. Ill. State Lab. Nat. Hist., Vol. IV, Art. VII, December, 1895, p. 276

Paratypes.—♂: Havana, Illinois, taken from the surface of leaves of Lemnaceae on the shore of Quiver Lake, September 23, 1894 (C. A. Hart).
Acc. No. 13068.

Placed by Gahan in the genus *Adcmon* Haliday.

Microplitis hyphantriae Ashmead

Proc. Ent. Soc. Wash., Vol. 4, No. 3, March, 1897, p. 164.

Paratypes.—♀: Champaign, Illinois, reared from larvae of *Hyphantria cunea* Drury, August 12, 1885 (S. A. Forbes). Acc. No. 7209.

Microplitis mamestrae Weed

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. I, August, 1887, p. 2.

Lectotype.—♀: Normal, Illinois, reared from larva of *Ceramica (Mamestra) picta* Harris, August 23, 1884 (C. M. Weed). Acc. No. 4920.

Cocoon from which lectotype was reared is mounted on card point. Acc. No. 4922.

Protomicroplitis garmani Ashmead

Proc. U. S. Nat. Mus., Vol. 23, No. 1206, October 13, 1900, p. 132.

Paratypes.—♀: Tolono, Illinois, July 25, 1885 (C. A. Hart and Shiga); Metropolis, Illinois, August 19, 1895 (C. A. Hart and Shiga). Acc. Nos. 6783 and 17235.

Placed by Muesebeck (1922) in the genus *Microgaster* Latreille. Specific name in original description spelled *germani* but emended by Muesebeck to *garmani*.

Family ICHNEUMONIDAE

Coelinus meromyzae Forbes

Thirteenth Rep. State Ent. Ill., May 31, 1884, p. 26.

Lectotype.—♀: Cuba, Illinois, reared from *Meromyza americana* Fitch, May 15, 1883 (S. A. Forbes). Acc. No. 3314.

Lectotype.—♂: Cuba, Illinois, reared from *Meromyza americana* Fitch, May 15, 1883 (S. A. Forbes). Acc. No. 3314.

Paratypes.—♂ and ♀: Cuba, Illinois, reared from *Meromyza americana* Fitch, May 6-15, 1883 (S. A. Forbes). Acc. Nos. 2996, 3302, 3305, 3306 and 3314. Slide Nos. 1543-1547.

Now placed by Viereck in the genus *Coelinidea* Viereck. Most of the specimens in good condition. Anatomical features of one paratype mounted in balsam on slides.

Cremastus cookii Weed

Ent. Amer., Vol. IV, No. 8, November, 1888, p. 150.

Lectotype.—♀: Anna, Illinois, May 29-31, 1883 (C. M. Weed). Acc. No. 3238.

Lectotype.—♂: Anna, Illinois, June, 1883 (C. M. Weed). Acc. No. 3361.

Paratypes.—♂ and ♀: Anna, Illinois, June 6, 1884 (C. M. Weed); Urbana, Illinois, by sweeping strawberry fields or reared from *Ancyliis (Phoxopterus) comptana* Froelich, July, 1885 (C. M. Weed). Acc. Nos. 2466 and 6278.

Lectotype and allotype in fair condition, paratypes in poor condition.

Cremastus cookii var. **rufus** Weed

Ent. Amer., Vol. IV, No. 8, November, 1888, p. 150.

Lectotype.—♂: Anna, Illinois, reared from *Ancyliis (Phoxopterus) comptana* Froelich, June 6, 1884 (C. M. Weed). Acc. No. 2374.

In fair condition.

Cremastus forbesi Weed

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. III, October, 1887, p. 42.

Type.—♀: Urbana, Illinois, reared from *Peronea (Teras) minuta* Robinson, June 13, 1886 (C. M. Weed). Acc. No. 19386.

Cre mastus hartii Ashmead

Bull. Ill. State Lab. Nat. Hist., Vol. IV, No. 7, December, 1896, p. 277.

Lectotype.—♀: Havana, Illinois, Quiver Lake, September 14, 1894 (C. A. Hart and Newberry). Acc. No. 13029.

Lectoallotype.—♂: Havana, Illinois, Quiver Lake, September 14, 1894 (C. A. Hart and Newberry). Acc. No. 13028b.

Glypta phoxopteridis Weed

Ent. Amer., Vol. IV, No. 8, November, 1888, p. 151.

Type.—♀: Anna, Illinois, bred from larva of *Ancylis (Phoxopterus) compactana* Froelich, July 14, 1884 (C. M. Weed). Acc. No. 4859.

Limneria (Siphonophorus) canarsiae Ashmead

Proc. Ent. Soc. Wash., Vol. 4, No. 3, March, 1897, p. 126.

Type.—♀: Normal, Illinois, bred from *Psorosina (Canarsia) hammondi* Riley, July 23, 1886 (C. M. Weed). Acc. No. 10671.

Head of type is missing.

Limneria elegans Weed

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. III, October, 1887, p. 40.

Lectotype.—♀: Urbana, Illinois, reared from *Perona (Teras) minuta* Robinson, June 12, 1886 (C. M. Weed). Acc. No. 10341.

Limneria teratis Weed

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. III, October, 1887, p. 40.

Lectotype.—♀: Urbana, Illinois, bred from *Perona (Teras) minuta* Robinson, June 9, 1886 (C. M. Weed). Acc. No. 10341.

Paratype.—♀: Urbana, Illinois, bred from *Peronea (Teras) minuta* Robinson, June 10, 1886 (C. M. Weed). Acc. No. 10355.

Abdomen and wings of paratype are missing.

Pimpla minuta Weed

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. III, October, 1887, p. 41.

Type.—♀: Urbana, Illinois, reared from *Peronea (Teras) minuta* Robinson, June 5, 1886 (C. M. Weed). Acc. No. 10295.

Only wings, thorax and two legs of type remain.

Spilocryptus canarsiae Ashmead

Proc. Ent. Soc. Wash., Vol. 4, No. 3, March, 1897, p. 124.

Lectotype.—♂: Champaign, Illinois, bred from cocoon of *Psorosina (Canarsia) hammondi* Riley, September 15, 1894 (W. G. Johnson). Acc. No. 21006.

Family SCELIONIDAE

Hoplogryon bethunei Sanders

Can. Ent., Vol. XLII, No. 1, January, 1910, p. 15.

Type.—♂: Aurora, Illinois, in a nest of *Formica subrufa*, June 15, 1909 (G. E. Sanders). Acc. No. 29771.

Phanurus tabanivorus Ashmead

Bull. Ill. State Lab. Nat. Hist., Vol. IV, Art. VII, December, 1896, p. 274.

Paratypes.—♂ and ♀: Havana, Illinois, reared from eggs of *Tabanus atratus* Fabricius, September 13, 1894 (C. A. Hart). Acc. No. 13016.

Family PLATYGASTERIDAE

Alaptus aleurodis Forbes

Fourteenth Rep. State Ent. Ill., September 2, 1885, p. 110.

Lectotype.—♀: Tamaroa, Illinois, reared from *Aleurodes* on soft maple, August 4, 1884 (S. A. Forbes). Acc. No. 5139.

Paratype.—♀: Tamaroa, Illinois, reared from *Aleurodes* on soft maple, August 4, 1884 (S. A. Forbes). Acc. No. 5139.

Generic name *Elaptus* used at time of description was a misspelling for *Alaptus*. Now considered as synonymous with *Amitus aleurodinis* Halde-
man.

Platygaster hiemalis Forbes

Psyche, Vol. V, No. 144, April, 1888, p. 39.

Lectotype.—♂: Edgewood, Illinois, reared from puparia of *Phytophaga destructor* (Say) sent by Samuel Bartley, October 18, 1887 (S. A. Forbes).
Acc. No. 14148.Paratype.—♂: Edgewood, Illinois, reared from puparia of *Phytophaga destructor* (Say) sent by Samuel Bartley, October 18, 1887 (S. A. Forbes).
Acc. No. 14148.

Family CYNIPIDAE

Acraspis compressus Gillette

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. XI, April, 1891, p. 197.

Type gall.—Ames, Iowa.

One of the two type specimens was originally mounted on a card point with this gall, but imago itself is now missing. Now placed by Weld (1926) in the genus *Zopheroteras* Ashmead.**Antistrophus bicolor** Gillette

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. XI, April, 1891, p. 197.

Type.—♀: Normal, Illinois, July 6, 1884. Acc. No. 2584.

Accession catalogue states "*Cynips* from *Silphium integrifolium*" Now placed in the genus *Aylax* Hartig.**Antistrophus laciniatus** Gillette

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. XI, April, 1891, p. 194.

Lectotype.—♀: Champaign, Illinois, bred from gall "on receptacle of the flowers of *Silphium laciniatum*", collected April 18, 1889 (J. Marten).
Acc. No. 15073.Lectoallotype.—♂: Champaign, Illinois, bred from gall "on receptacle of the flowers of *Silphium laciniatum*", collected April 18, 1889 (J. Marten).
Acc. No. 15073.Type gall.—Champaign, Illinois, "on receptacle of the flowers of *Silphium laciniatum*", collected April 18, 1889 (J. Marten). Acc. No. 15072.
Now placed in the genus *Aylax* Hartig.**Antistrophus minor** Gillette

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. XI, April, 1891, p. 196.

Lectotype.—♀: Champaign, Illinois, bred from the stems of *Silphium laciniatum*, collected January 4, 1885. Acc. No. 5500.Lectoallotype.—♂: Champaign, Illinois, bred from the stems of *Silphium laciniatum*, collected January 4, 1885. Acc. No. 5500.Paratype.—♀: Champaign, Illinois, bred from the stems of *Silphium laciniatum*, collected January 4, 1885. Acc. No. 5500.Now placed in the genus *Aylax* Hartig and assigned the specific name of *gilletti* Kieffer because *minor* Gillette is preoccupied.**Antistrophus rufus** Gillette

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. XI, April, 1891, p. 195.

Lectotype.—♀: Champaign, Illinois, bred from cells in "stems of *Silphium laciniatum*", collected January 4, 1885. Acc. No. 5500.Lectoallotype.—♂: Champaign, Illinois, bred from cells in "stems of *Silphium laciniatum*", collected January 4, 1885. Acc. No. 5500.Paratypes.—♂ and ♀: Champaign, Illinois, bred from cells in "stems of *Silphium laciniatum*", collected January 4, 1885. Acc. No. 5500.Type gall.—Champaign, Illinois, in "stems of *Silphium laciniatum*", collected January 4, 1885. Acc. No. 5500.Now placed in the genus *Aylax* Hartig.**Antistrophus silphii** Gillette

Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. XI, April, 1891, p. 192.

- Lectotype.—♀: Champaign, Illinois, bred from galls on "*Silphium integrifolium*", collected February 6 or March 25, 1890 (Mally and J. Marten). Acc. No. 15605.
- Lectoallotype.—♂: Champaign, Illinois, bred from galls on "*Silphium integrifolium*", collected February 6 or March 25, 1890 (Mally and J. Marten). Acc. No. 15605.
- Paratypes.—♂ and ♀: Champaign, Illinois, bred from galls on "*Silphium integrifolium*," collected February 6 or March 25, 1890 (Mally and J. Marten). Acc. Nos. 15605 and 15665.
- Type galls.—: Champaign, Illinois, galls on "*Silphium integrifolium*", collected February 6 or March 25, 1890 (Mally and J. Marten).
- Aulacidea solidaginis** Girault
Ent. News, Vol. XIV, No. 10, December, 1903, p. 323.
Cotypes.—♂ and ♀: Blacksburg, Virginia, reared from gall on goldenrod [*Lactuca*], June 2-8, 1903, No. 49 (A. A. Girault).
Synonymized by Beutenmüller (1910) as *Aulacidea tumida* Bassett.
- Aulac bicolor** Gillette
Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. XI, April, 1891, p. 201.
Lectotype.—♀: Urbana, Illinois, July 9, 1885. Acc. No. 6422.
Paratype.—♀: Mt. Carmel, Illinois, taken in a wheat field, May 27, 1884. Acc. No. 1781.
In the original description Champaign is given as the locality instead of Urbana, also the year of the Mt. Carmel specimen is 1884 and not 1885. Now placed in the genus *Aulacidea* Ashmead.
- Callirhytis corallosa** Weld
Proc. U. S. Nat. Mus., Vol. 59, No. 2368, June 27, 1921, p. 216.
Paratype.—♀: Ft. Sheridan, Illinois, reared from gall on *Quercus macrocarpa* Michaux or *Quercus alba* Linnaeus, October 6, 1914 (L. H. Weld).
Now considered by Weld (1922) as a synonym of *Callirhytis badia* (Bassett).
- Callirhytis elliptica** Weld
Proc. U. S. Nat. Mus., Vol. 59, No. 2368, June 27, 1921, p. 228.
Paratype.—Agamic ♀: Glencoe, Illinois, found ovipositing on buds of *Quercus alba* Linnaeus, May 11, 1919 (L. H. Weld).
- Callirhytis ellipsoida** Weld
Proc. U. S. Nat. Mus., Vol. 59, No. 2368, June 27, 1921, p. 227.
Cotypes.—Agamic ♀: Wilmette, Illinois, from galls on *Quercus bicolor* Willdenow, April 16, 1910 (L. H. Weld).
- Callirhytis enigma** Weld
Proc. U. S. Nat. Mus., Vol. 59, No. 2368, June 27, 1921, p. 219.
Paratypes.—♀: Winnetka, Illinois, reared from gall on *Quercus rubra* Linnaeus, October 22, 1914 (L. H. Weld); Madison Florida, cut out from gall on *Quercus catesbaci* Michaux, December 4, 1919 (L. H. Weld).
- Callirhytis marginata** Weld
Proc. U. S. Nat. Mus., Vol. 59, No. 2368, June 27, 1921, p. 225.
Cotype.—♀: Ft. Sheridan, Illinois, reared from gall on *Quercus coccinea* Muenchhausen. April 25, 1915 (L. H. Weld).
- Callirhytis maxima** Weld
Proc. U. S. Nat. Mus., Vol. 59, No. 2368, June 27, 1921, p. 217.
Cotypes.—♀: Ft. Sheridan, Illinois, reared from galls on *Quercus macrocarpa* Michaux, October 19, 1914 (L. H. Weld).
- Callirhytis rubida** Weld
Proc. U. S. Nat. Mus., Vol. 59, No. 2368, June 27, 1921, p. 224.
Paratype.—♀: Ravinia, Illinois, cut out from gall on one of red oaks, October 22, 1916 (L. H. Weld).
- Compsodryoxenus illinoisensis** Weld
Proc. U. S. Nat. Mus., Vol. 59, No. 2368, June 27, 1921, p. 234.

- Paratypes.—♀: Winnetka, Illinois, cut out from galls on *Quercus macrocarpa* Michaux, October 25, 1914 (L. H. Weld); Ft. Sheridan, Illinois, cut out from galls on *Quercus macrocarpa* Michaux, October 24, 1914 (L. H. Weld).
- Coptereucoila marginata** Gillette
Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. XI, April, 1891, p. 203.
Lectotype.—♀: Quincy, Illinois, November 14-15, 1884. Acc. No. 5437.
Paratype.—♀: Normal, Illinois, May 9, 1884. Acc. No. 1661. Now placed in the genus *Kleidotoma* Westwood.
- Diastrophus scutellaris** Gillette
Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. XI, April, 1891, p. 191.
Type.—♀: Danville, Illinois, May 20, 1884. Acc. No. 1881.
Now placed in the genus *Gonaspis* Ashmead and considered as a variety of *potentillae* Basset.
- Disholcaspis globosa** Weld
Proc. U. S. Nat. Mus., Vol. 59, No. 2368, June 27, 1921, p. 196.
Cotypes.—Agamic ♀: Ft. Sheridan, Illinois, reared from gall on *Quercus alba* Linnaeus, October, 1914 (L. H. Weld).
- Disholcaspis terrestris** Weld
Proc. U. S. Nat. Mus., Vol. 59, No. 2368, June 27, 1921, p. 198.
Paratypes.—Agamic ♀: Ironton, Missouri, reared from galls on *Quercus stellata* Wangenheim, December 1, 1917 (L. H. Weld).
- Dryophanta lanata** Gillette
Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. XI, April, 1891, p. 198.
Lectotype.—♀: Ames, Iowa, Iowa Experiment Station.
Type gall.—: No data.
Now placed by Weld (1926) in the genus *Callirhytis* Foerster.
- Eucoila septemspinosa** Gillette
Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. XI, April, 1891, p. 204.
Type.—♀: Quincy, Illinois, August 10, 1889 (C. A. Hart). Hart Acc. No. 547. Reassigned Illinois State Natural History Survey No. 25798.
Now placed in the genus *Psilodora* Foerster.
- Eucoilidea rufipes** Gillette
Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. XI, April, 1891, p. 205.
Type.—♀: Morris, Illinois, July 19, 1883 (F. M. Webster). Acc. No. 3637.
- Solenaspis singularis** Ashmead
Trans. Am. Ent. Soc., Vol. XXIII, 1896, p. 183.
Paratype.—Algonquin, Illinois, July 25, 1895 (W. A. Nason).
Now placed in the genus *Xyalosema* Dalla Torre and Kieffer.
- Synergus magnus** Gillette
Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. XI, April, 1891, p. 202.
Type.—♀: Lansing, Michigan, reared from a gall of *Amphibolips cookii* Gillette.
- Synergus villosus** Gillette
Bull. Ill. State Lab. Nat. Hist., Vol. III, Art. XI, April, 1891, p. 202.
Lectotype.—♀: Michigan.
The locality of "Iowa" given for this species in original description was in error.

Family CHALCIDIDAE

- Ceyxia paraguayensis** Girault
Zool. Jahrb., Abt. für Syst., Vol. 31, Heft 3, 1911, p. 385.
Paratype.—♂: Asuncion, Paraguay, May 4, 1905 (J. D. Anisits). Acc. No. 44184.
- Paraguay pulchripennis** Girault
Zool. Jahrb., Abt. für Syst., Vol. 31, Heft 3, 1911, p. 396.

Paratype.—♀: Villa Morra, Asuncion, Paraguay, November 9, 1905 (J. D. Anisits). Acc. No. 44182. Slide No. 1492.

Antenna, anterior and posterior legs only of one paratype mounted in balsam on a slide.

The genotype of *Paraguaya* Girault (original designation and monobasic).

Spilochalcis anisitsi Girault

Zool. Jahrb., Abt. für Syst., Vol. 31, Heft 3, 1911, p. 386.

Paratypes.—♀ and ♂: Paraguari, Paraguay, January 19, 1906 (J. D. Anisits). Acc. No. 44179. Slide No. 1494.

One antenna each of paratypic male and paratypic female mounted in balsam on a slide.

Tumidicoxa hyalinipennis Girault

Zool. Jahrb., Abt. für Syst., Vol. 31, Heft 3, 1911, p. 381.

Paratype.—♀ Asuncion, Paraguay, April 10, 1905 (J. D. Anisits). Acc. No. 44183.

Family EURYTOMIDAE

Eurytoma paraguayensis Girault

Zool. Jahrb., Abt. für Syst., Vol. 31, Heft 3, 1911, p. 390.

Paratypes.—♀: Asuncion, Paraguay, reared from an ichenumoid cocoon of a parasite of a lepidopterous larva, March 24, 1905 (J. D. Anisits). Acc. No. 44180. Slide Nos. 1438 and 1439.

Antenna and leg (all that remains) of one female paratype mounted in balsam on two slides.

Family ENCYRTIDAE

Aenasioidea laticaput Girault

Can. Ent., Vol. XLIII, No. 5, May, 1911, p. 173.

Lectotype.—♀: Urbana, Illinois, June 25, 1908, reared from *Kermes pubescens* Bogue on oak (A. A. Girault). Acc. No. 40285.

Paratypes.—♀: Urbana, Illinois, reared from *Kermes pubescens* Bogue on oak, June 25, 1908 (A. A. Girault). Acc. No. 40285. Slide Nos. 1388 and 1874.

Four female paratypes in poor condition mounted in balsam on two slides. The genotype of *Aenasioidea* Girault (original designation and monobasic).

Anagyrus nubilipennis Girault

Psyche, Vol. XVI, No. 4, August, 1909, p. 76.

Lectotype.—♀: Carbondale, Illinois, reared from "overwintered females of *Eulecanium nigrofasciatum* (Pergande) on peach", June 9, 1908 (L. M. Smith). Acc. No. 37537.

Lectallotype.—♂: Carbondale, Illinois, reared from "overwintered females of *Eulecanium nigrofasciatum* (Pergande) on peach", June 9, 1908 (L. M. Smith). Acc. No. 37537.

Paratypes.—♂: Carbondale, Illinois, reared from "overwintered females of *Eulecanium nigrofasciatum* (Pergande) on peach", June 9-20, 1908 (L. M. Smith). Acc. Nos. 37537, 37546 and 37550.

Aphycus stomachosus Girault

Psyche, Vol. XVI, No. 4, August, 1909, p. 77.

Lectotype.—♀: Carbondale, Illinois, reared from "overwintered females of *Eulecanium nigrofasciatum* (Pergande) on peach twigs", June 21, 1908 (L. M. Smith). Acc. No. 37559. Slide No. 1293.

Lectallotype.—♂: Carbondale, Illinois, reared from "overwintered females of *Eulecanium nigrofasciatum* (Pergande) on peach twigs", June 20, 1908 (L. M. Smith). Acc. No. 37552. Slide No. 1300.

Paratypes.—♂ and ♀: Carbondale, Illinois, reared from 'overwintered females of *Eulecanium nigrofasciatum* (Pergande) on peach twigs', June 20-30, 1908 (L. M. Smith). Acc. Nos. 37551, 37552, 37559 and 37580. Slide Nos. 1293, 1300, 1301 and 1304.

In fair condition. Lectotype mounted in balsam on slide with paratypes, and lectoallotype on slide with five male paratypes. Remainder of paratypes mounted in balsam on two slides, except five female paratypes which are on card points.

Cristatithorax pulcher Girault

Can. Ent., Vol. XLIII, No. 5, May, 1911, p. 170.

Lectotype.—♀: Urbana, Illinois, reared from *Kermes pubescens* Bogue on oak, July 1, 1908 (A. A. Girault). Acc. No. 37590. Slide No. 1287.

Paratype.—♀: Urbana, Illinois, reared from *Kermes pubescens* Bogue on oak, July 1, 1908 (A. A. Girault). Acc. No. 37590.

Thorax, legs and abdomen of lectotype mounted on card point; head and one antenna in balsam on a slide. Antenna only of a female paratype mounted in balsam on a slide.

The genotype of *Cristatithorax* Girault (original designation and monobasic).

Microterys speciosissimus Girault

Can. Ent., Vol. XLIII, No. 5, May, 1911, p. 175.

Lectotype.—♀: Urbana, Illinois, bred from *Kermes pubescens* Bogue on oak, June 23, 1908 (A. A. Girault). Acc. No. 37561.

Paratypes.—♀: Urbana, Illinois, bred from *Kermes pubescens* Bogue on oak, June 23 and July 7, 1908 (A. A. Girault). Acc. Nos. 37561 and 37593. Slide No. 1305.

One female paratype mounted on card point has head missing. Head and antenna only of another female paratype mounted in balsam on a slide

Rhopoideus fuscus Girault

Can. Ent., Vol. XLIV, No. 1, January, 1912, p. 5.

Paratypes.—♀: Chicoutime, Quebec, Canada, July 3, 1911; St. Gabriel de Brandon, Quebec, Canada, July 3, 1911. Acc. Nos. 45080 and 45085. Slide Nos. 1471, 1500, 1501 and 1502.

The "supposed host is *Tortrix fumiferana* Clemens, but a coccid is indicated instead." Girault lists two of these specimens as "Homotypes" but they are a part of the type series and therefore are considered as paratypes. All specimens mounted in balsam on four slides.

Signiphora fasciata Girault

Proc. U. S. Nat. Mus., Vol. 45, No. 1977, May 22, 1913, p. 219.

Paratypes.—♂ and ♀: Cuantla, Morelos, Mexico, from "*Inglisia* sp. on cotton", July 1, 1897 (Koebele). Acc. No. 45088. Slide No. 1529.

In poor condition. Mounted in balsam on a slide.

Signiphora fax Girault

Proc. U. S. N. M., Vol. 45, No. 1977, May 22, 1913, p. 223.

Paratypes.—♀: San Juan, Porto Rico, parasites of *Aspidiotus* [*Mycetaspis*] *personatus* (Comstock) on Guanabana, January, 1899 (A. Busck). Acc. No. 45091. Slide No. 3262.

Mounted in balsam on a slide.

Signiphora flava Girault

Proc. U. S. Nat. Mus., Vol. 45, No. 1977, May 22, 1913, p. 213.

Paratype.—♀: Mexico, from "*Aspidiotus camelliae* Signoret on *Acacia*", December 15, 1905 (A. L. Herrera). Acc. No. 45096. Slide No. 1514.

Mounted in balsam on a slide with a male of *Signiphora alcyrodis* Ashmead.

Signiphora flavella Girault

Proc. U. S. Nat. Mus., Vol. 45, No. 1977, May 22, 1913, p. 214.

Paratype.—♀: Cuantla, Morelos, Mexico, from "*Aspidiotus* sp. on *Cirueta*", July 1, 1897 (Koebele). Acc. No. 45092. Slide No. 1510.

In poor condition. Mounted in balsam on a slide with seven females and one male of *Signiphora mexicana* Ashmead and females of *Perisopterus mexicana* Howard.

Signiphora maculata Girault

Proc. U. S. Nat. Mus., Vol. 45, No. 1977, May 22, 1913, p. 221.

Paratypes.—♀: Santiago de las Vegas, Cuba, reared from *Lepidosaphes alba* (Cockerell), June 21, 1911 (Patricio Cardin). Acc. No. 45084. Slide No. 1517.

In fair condition. Mounted in balsam on a slide.

Signiphora pulchra Girault

Proc. U. S. Nat. Mus., Vol. 45, No. 1977, May 22, 1913, p. 215.

Paratypes.—♂ and ♀: Anna, Illinois, reared from *Aspidiotus uvae* Comstock on cultivated grape, July 17, 1908 (L. M. Smith); Urbana, Illinois, reared from *Diaspis rosae*, August 15, 1895 (W. G. Johnson); Urbana, Illinois, reared from *Aspidiotus* sp. on currant and the cherry *Aspidiotus (forbesi?)*, July 30 and August 13, 1895 (W. G. Johnson); Washington, D. C. bred from *Aspidiotus uvae* Comstock, May 15, 1911 (J. F. Zimmer). Acc. Nos. 21401, 21458, 21477, 39119 and 45083.

Mounted in balsam on five slides.

Family EUPELMIDAE

Isosoma allynii French

Can. Ent., Vol. XIV, No. 1, January, 1882, p. 9.

Cotype.—♀: Carbondale, Illinois, French Collection, July 29, 1881.

Head missing. Species now assigned to genus *Eupelmus* Dalman.

Family PTEROMALIDAE

Arthrolytus aeneoviridis Girault

Can. Ent., Vol. XLIII, No. 11, November, 1911, p. 372.

Lectotype.—♀: Ames, Iowa, August-November, 1908 (R. L. Webster). Acc. No. 40289.

Paratypes.—♂ and ♀: Ames, Iowa, August-November, 1908 (R. L. Webster). Acc. No. 40289. Slide Nos. 1392-1394.

Five female paratypes in poor condition mounted on card points. Antennae and heads of two male and three female paratypes mounted in balsam on three slides.

Catolaccus cyaneus Girault

Zool. Jahrb., Abt. für Syst., Vol. 31, Heft 3, 1911, p. 400.

Paratypes.—♀: Asuncion, Paraguay, October 10, 1905 (J. J. Anisits). Acc. No. 44181. Slide No. 1491.

Three female paratypes mounted on a single card point, and antennae and posterior leg of an additional female paratype mounted in balsam on a slide. The abdomen of one paratype on card point mount is missing.

Epipteromalus algonquinensis Ashmead

Mem. Carn. Mus., Vol. 1, No. 4, 1904, p. 319.

Paratypes.—♀: Algonquin, Illinois, June 27, July 3 and 6, 1895 (W. A. Nason).

The genotype of *Epipteromalus* Ashmead (original designation and monobasic).

Muscidifurax raptor Girault and Sanders

Psyche, Vol. XVII, No. 4, August, 1910, p. 149.

Lectotype.—♀: Urbana, Illinois, reared from puparium of *Musca domestica* Linnaeus, October 24, 1908 (A. A. Girault and G. E. Sanders). Acc. No. 40250.

- Lectoallotype.—♂: Urbana, Illinois, reared from puparium of *Musca domestica* Linnaeus, October 24, 1908 (A. A. Girault and G. E. Sanders). Acc. No. 40250.
- Paratypes.—♂ and ♀: Urbana, Illinois, reared from puparia of *Musca domestica* Linnaeus and *Phormia regina* (Meigen), April, September, October and November, 1909 (A. A. Girault and G. E. Sanders). Acc. Nos. 20269, 39965, 40146, 40150, 40153, 40169, 40171, 40205, 40217, 40231, 40242, 40243, 40244, 40245, 40246, 40247, 40248, 40249, 40250, 40258, 40268. Slide Nos. 1377, 1397, 1398 and 1399.
- The genotype of *Muscadifurax* Girault and Sanders (original designation and monobasic). The anatomical features of several paratypic females are mounted in balsam on four slides.
- Nasonia brevicornis** Ashmead
Mem. Carn. Mus., Vol. 1, No. 4, 1904, p. 317.
Paratypes.—♀: Algonquin, Illinois, May 11 and July 3, 1895 (W. A. Nason).
This species is now placed in the genus *Mormoniella* Ashmead. The genotype of *Nasonia* Ashmead (original designation and monobasic). Iso-genotypic through synonymy.
- Pteromalus ? fulvipes** Forbes.
Fourteenth Rep. State Ent. Ill., September 2, 1885, p. 47.
Lectotype.—♀: Robinson, Illinois, May 25, 1884. Acc. No. 2309.
Lectoallotype.—♂: Du Quoin, Illinois, August 7, 1883. Acc. No. 3806.
Paratypes.—♂ and ♀: Robinson, Illinois, June 14, 1884; Du Quoin, Illinois, August 7, 1883; Marshall, Illinois, June 25, 1884. Acc. Nos. 3806, 4357 and 4566.
This species is now placed in the genus *Nemicromelus* Girault.
- Pteromalus gelechia** Webster
Twelfth Rep. State Ent. Ill., November 20, 1883, p. 151.
Lectotype.—♂: Southern Illinois, reared from a larva of *Sitotroga (Gelechia) cereatella* Olivier, 1882 (F. M. Webster). Acc. No. 3168.
Lectoallotype.—♀: Southern Illinois, reared from a larva of *Sitotroga (Gelechia) cereatella* Olivier, 1882 (F. M. Webster). Acc. No. 3168.
Paratypes.—♂ and ♀: Southern Illinois, reared from the larvae of *Sitotroga (Gelechia) cereatella* Olivier, 1882 (F. M. Webster). Acc. No. 3168. Slide Nos. 3147 and 3148.
Four paratypes are mounted in balsam on two slides, ten on card points, and the remainder in alcohol. Now considered as synonymous with *Dibrachys clisiocampae* Fitch, the latter having priority.
- Pteromalus pallipes** Forbes
Fourteenth Rep. Ill. State Ent., September 2, 1885, p. 46.
Lectotype.—♀: Du Quoin, Illinois, bred from puparia or larva of the Hessian fly, *Phytophaga destructor* Say, June 5, 1884. Acc. No. 2200.
Paratype.—♀: Du Quoin, Illinois, bred from puparia or larva of the Hessian fly, *Phytophaga destructor* Say, June 5, 1884. Acc. No. 2200.
The specific name of *forbesi* was assigned to this species by Dalla Torre because *pallipes* Forbes was preoccupied.
- Trimeromicrus maculatus** Gahan
Proc. U. S. Nat. Mus., Vol. 48, No. 2068, December 16, 1914, p. 162.
Paratype.—♀: Yuma, Arizona, reared from alfalfa seed-pod infested with *Bruchophagus funebris*, October 25, 1913 (T. D. Urbahns).
The genotype of *Trimeromicrus* Gahan (original designation and monobasic).
- Tritneptis hemerocampae** Girault
Psyche, Vol. XV, No. 5, October, 1908, p. 92.

Lectotype.—♀: Chicago, Illinois, reared from pupa of *Hemerocampa leucostigma* (Smith and Abbot), April 23, 1908 (A. A. Girault). Acc. No. 37512.

Lectoallotype.—♂: Chicago, Illinois, reared from pupa of *Hemerocampa leucostigma* (Smith and Abbot), April 23, 1908 (A. A. Girault). Acc. No. 37512.

Paratypes.—♀: Chicago, Illinois, reared from pupae of *Hemerocampa leucostigma* (Smith and Abbot), April 23, 1908 (A. A. Girault). Acc. No. 37512.

The genotype of *Tritneptis* Girault (original designation and monobasic).

Uriella rufipes Ashmead

Trans. Amer. Ent. Soc., Vol. XXIII, 1896, p. 222.

Paratypes.—♂ and ♀: Algonquin, Illinois, June 26, July 4 and 28, August 11 and 23, 1894 (W. A. Nason).

The genotype of *Uriella* Ashmead (original designation and monobasic). According to Kurdjumov (1913) this genus is synonymous with *Phaenacra* Thomson.

Urios vestali Girault

Journ. N. Y. Ent. Soc., Vol. XIX, No. 3, September, 1911, p. 176.

Type.—♀: Illinois, in the nest of an ant, May. Acc. No. 45066. Slide Nos. 1466-1467.

In a later publication the data for this type is given as April 1, 1911, Devil's Hole, near Havana, Illinois, in an ant's nest (*Pheidole virelandica* Forel). In poor condition. Head and antennae mounted in balsam on two slides; abdomen, thorax and legs mounted on two card points on same pin. The genotype of *Urios* Girault (original designation and monobasic).

Zagrammosoma multilineata var. *punicea* Girault

Archiv. für Naturg., Vol. 77, Band I, Suppl. 2, 1911, p. 123.

Lectotype.—♀: Washington, D. C., reared from *Tischeria malifoliella* Clemens, August 7, 1905 (A. A. Girault). Acc. No. 44261.

Paratypes.—♀: Washington, D. C., reared from *Tischeria malifoliella* Clemens, August 7, 1905 (A. A. Girault). Acc. No. 44261.

In fair condition.

Family ELASMIDAE

Elasmus meteori Ashmead

Proc. Ent. Soc. Wash., Vol. 4, No. 3, March, 1897, p. 128.

Paratypes.—♀: Champaign, Illinois, bred from cocoons of *Meteorus vulgaris* Cresson, August 27, 1894 (W. G. Johnson); Tonti, Illinois, bred from cocoons of *Meteorus vulgaris* Cresson, September 5, 1894 (W. G. Johnson).

The head of one paratype is missing.

Family EULOPHIDAE

Aphelinus varicornis Girault

Psyche, Vol. XVI, No. 2, April, 1909, p. 29.

Lectotype.—♀: Chicago, Illinois, reared from *Schizoneura (Eriosoma) crataegi* Oestlund, November, 1908 and December 12, 1908 (J. J. Davis). Acc. No. 40284. Slide No. 1363.

Paratypes.—♀: Chicago, Illinois, reared from *Schizoneura (Eriosoma) crataegi* Oestlund, November, 1908 and December 12, 1908 (J. J. Davis). Acc. Nos. 40284 and 40291. Slide Nos. 1363, 1370 and 1387.

In fair condition. Girault in listing the types also mentions "eight females tag-mounted". I found six card point mounts of the eight mentioned in the original description, but unfortunately all the specimens of the adults originally so mounted were missing. Mounted in balsam on three slides; the lectotype being mounted on the same slide with three paratype females. This species is now considered by Gahan (1924) as a synonym of *Aphelinus mali* Haldeman, the latter having priority.

Astichus bimaculatipennis Girault

Can. Ent. Vol. XLIV, No. 1, January, 1912, p. 8.

Type.—♀: Ames, Iowa, reared as a probable hyper-parasite of *Alceris* [*Peronca*] *minuta* Robinson, July 27, 1908 (R. L. Webster). Acc. No. 40290. Slide No. 1353.

In poor condition. Head and antennae mounted in balsam on a slide; thorax and part of appendages on a card point. Transferred by Gahan (1917) to the genus *Sympicis* Foerster.

Coccophagus cinguliventris Girault

Psyche, Vol. XVI, No. 4, August, 1909, p. 79.

Lectotype.—♀: Carbondale, Illinois, reared from overwintered females of *Eulecanium nigrofasciatum* (Pergande), June 7, 1908 (L. M. Smith). Acc. No. 37536. Slide No. 1298.

In fair condition. Mounted in balsam on a slide.

Encarsia versicolor Girault

Psyche, Vol. XV, No. 3, June, 1908, p. 53.

Lectotype.—♀: Urbana, Illinois, reared from *Aleyrodes* [*Trialeurodes*] *vaporariorum* Westwood, March 20, 1908 (J. J. Davis). Acc. No. 37474. Slide No. 1268.

Lectoallotype.—♂: Urbana, Illinois, reared from *Aleyrodes* [*Trialeurodes*] *vaporariorum* Westwood, March 20, 1908 (J. J. Davis). Acc. No. 37474. Slide No. 1291.

Paratypes.—♂ and ♀: Urbana, Illinois, reared from *Aleyrodes* [*Trialeurodes*] *vaporariorum* Westwood, March 20, 1908 (J. J. Davis). Acc. No. 37474. Slides No. 1268 and 1269.

Mounted in balsam on three slides. Lectotype on same slide with eight female paratypes.

Mestocharis williamsoni Girault

Journ. N. Y. Ent. Soc., Vol. XIX, No. 3, September, 1911, p. 179.

Lectotype.—♀: Urbana, Illinois, reared from puparia of conopid on *Bombus americanorum* Fabricius [= *Bremus pennsylvanicus* (De Geer)], May 20, 1911. Acc. No. 45067.

Lectoallotype.—♂: Urbana, Illinois, reared from puparia of conopid on *Bombus americanorum* Fabricius [*Bremus pennsylvanicus* (De Geer)], May 20, 1911. Acc. No. 45067.

Paratypes.—♀: Urbana, Illinois, reared from puparia of conopid on *Bombus americanorum* Fabricius [*Bremus pennsylvanicus* (De Geer)], May 20, 1911. Acc. No. 45067.

Lectotype and three paratypes in fair condition, lectoallotype and two paratypes in poor condition.

Prospaltella fasciativentris Girault

Psyche, Vol. XV, No. 4, December, 1908, p. 117.

Lectotype.—♀: Urbana, Illinois, reared apparently from *Chionaspis fur-jura* Fitch, April 3, 1908 (A. A. Girault). Acc. No. 37481. Slide No. 1270.

Paratypes.—♀: Urbana, Illinois, reared apparently from *Chionaspis fur-jura* Fitch, April 3, 1908 (A. A. Girault); Urbana, Illinois, reared apparently from *Aspidiotus perniciosus* Comstock, July, 1907 (J. A. West). Acc. No. 37481. Slides No. 1296 and 1270.

In fair condition. Mounted in balsam on two slides.

Prospaltella fuscipennis Girault

Psyche, Vol. XV, No. 4, December, 1908, p. 120.

Lectotype.—♀ Marion, Illinois, reared from *Aspidiotus (Chrysomphalus) obscurus* (Comstock) on oak, August 11-13, 1908 (W. P. Flint). Acc. No. 39306. Slide No. 1271.

Paratypes.—♀: Marion, Illinois, reared from *Aspidiotus (Chrysomphalus) obscurus* (Comstock) on oak, August 11-13, 1908 (W. P. Flint). Acc. No. 39306. Slide No. 1271.

In fair condition. Mounted in balsam on one slide.

Prospaltella perspicuipennis Girault

Journ. N. Y. Ent. Soc., Vol. XVIII, No. 4, December, 1910, p. 234.

Lectotype.—♀: Centralia, Illinois, August 27, 1909 (A. A. Girault). Acc. No. 41679. Slide No. 1419.

Paratype.—♀: Centralia, Illinois, August 31, 1909 (A. A. Girault). Acc. No. 41679. Slide No. 1418.

Mounted in balsam on two slides.

Tetrastichodes hyalinipennis Girault

Zool. Jahrb., Abt. für Syst., Vol. 31, Heft 3, 1911, p. 404.

Paratypes.—♂ and ♀: Villa Morra, Asuncion, Paraguay, February 27, 1905 (J. D. Anisits). Acc. No. 44178. Slide No. 1472.

The legs, fore wing and antennae of one paratyptic female mounted in balsam on a slide.

Tetrastichus caerulecens Ashmead

Proc. Ent. Soc. Wash., Vol. 4, No. 3, March, 1897, p. 130.

Type.—♀: Champaign, Illinois, bred from *Habrobracon gelechiac* Ashmead and the primary parasite of *Psorosina (Canarsia) hammondi* Riley, September 6 and 21, 1894 (W. G. Johnson). Acc. No. 21032.

Allotype.—♂: Champaign, Illinois, bred from *Habrobracon gelechiac* Ashmead and the primary parasite of *Psorosina (Canarsia) hammondi* Riley, September 6-21, 1894 (W. G. Johnson). Acc. No. 20087.

Head of allotype is missing.

Tetrastichus carinatus Forbes

Fourteenth Rep. State Ent. Ill., September 2, 1885, p. 48.

Lectotype.—♀: Anna, Illinois, bred from *Phytophaga (Cecidomyia) destructor* (Say), June 24, 1884. Acc. No. 4358.

Lectoallotype.—♂: Anna, Illinois, bred from *Phytophaga (Cecidomyia) destructor* (Say), June 24, 1884. Acc. No. 4358.

Paratypes.—♂ and ♀: Anna, Illinois, bred from *Phytophaga (Cecidomyia) destructor* (Say), June 24, 1884. Acc. No. 4358.

Paratypes in poor condition, two of them being in alcohol.

Tetrastichus johnsoni Ashmead

Trans. Amer. Ent. Soc., Vol. XXIII, 1896, p. 233.

Paratypes.—♀: Urbana, Illinois, reared from a mud wasps' nest, *Pompilus* sp., July 30, 1895 (W. G. Johnson). Acc. No. 21404.

Trichaporus aeneoviridis Girault

Can. Ent., Vol. XLIV, No. 3, March, 1912, p. 75.

Lectotype.—♀: Centralia, Illinois, supposedly reared from a larva of *Epicnaptera (Malacosoma) americana* (Harris) and apparently a primary parasite of it, May 27, 1908 (L. M. Smith and A. A. Girault). Acc. No. 37543.

Paratypes.—♀: Centralia, Illinois, supposedly reared from larvae of *Epicnaptera (Malacosoma) americana* (Harris) and apparently a primary parasite of it, May 27, 1908 (L. M. Smith and A. A. Girault). Acc. No. 37543. Slide No. 1283.

Antenna of one female paratype mounted in balsam on a slide.

Family TRICHOGRAMMATIDAE

Abbella subflava Girault

Trans. Amer. Ent. Soc., Vol. XXXVII, May 29, 1911, p. 11.

Paratypes.—♀: Centralia, Illinois, August 25, 1909 (A. A. Girault); Litchfield, Illinois, July 13, 1910 (A. A. Girault); Pullman, Washington. Acc. Nos. 41683 and 44164. Slide Nos. 1413, 1414 and 1421.

Mounted in balsam on three slides. The genotype of *Abbella* Girault (original designation).

Aphelinoidea plutella Girault

Ent. News, Vol. XXIII, No. 7, July, 1912, p. 297.

Type.—♀: Centralia, Illinois, August 26, 1909 (A. A. Girault). Acc. No. 41680. Slide No. 1415.

Mounted in balsam on a slide with the lectotype of *Aphelinoidea semifuscipennis* Girault.

Aphelinoidea semifuscipennis Girault

Trans. Amer. Ent. Soc., Vol. XXXVII, May 29, 1911, p. 4.

Lectotype.—Centralia, Illinois, August 25-26, 1909 (A. A. Girault). Acc. No. 41680. Slide No. 1415.

Paratype.—♀: Centralia, Illinois, August 25-26, 1909 (A. A. Girault). Acc. No. 41680. Slide No. 1416.

Mounted in balsam on two slides. The lectotype is mounted on the same slide with the type of *Aphelinoidea plutella* Girault.

Chaetostricha flavipes Girault

Trans. Amer. Ent. Soc., Vol. XXXVII, April 17, 1911, p. 75.

Paratype.—♀: Fort Valley, Georgia, reared, June 25, 1905. Acc. No. 44194. Slide No. 1490.

Mounted in balsam on a slide.

Japania ovi Girault

Trans. Amer. Ent. Soc., Vol. XXXVII, April 17, 1911, p. 45.

Paratype.—♀: Reared from leafhopper eggs on banyau in China. Acc. No. 44185. Slide No. 1460.

Mounted in balsam on a slide. The genotype of *Japania* Girault (original designation and monobasic).

Neotrichogramma acutiventre Girault

Trans. Amer. Ent. Soc., Vol. XXXVII, April 17, 1911, p. 40.

Cotypes.—♂ and ♀: Japan, reared from eggs of "*Chilo simplex*", March, 1910 (S. J. Kuwana). Acc. No. 44169. Slide No. 1430.

Subsequently synonymized by Girault (1911) as *Neotrichogramma (Trichogramma) japonica* (Ashmead). The genotype of *Neotrichogramma* Girault (original designation and monobasic).

Oligosita americana (Ashmead) Girault

Psyche, Vol. XVI, No. 3, October, 1909, p. 107.

Lectotype.—♀: Urbana, Illinois, reared from jassid egg deposited within the stem of *Elymus*, May 27, 1905 (R. L. Webster). Acc. No. 41078. Slide No. 1376.

Paratypes.—♀: Urbana, Illinois, reared from jassid eggs deposited within the stems of *Elymus*, May 27, 1905 (R. L. Webster). Acc. No. 41078. Slide No. 1376.

Mounted in balsam in one slide. Girault (1909) described species but assigns authorship of species to Ashmead.

Oophthora simblidis Aurivillius

Ent. Tidskr., Vol. XVIII, 1897, p. 253.

Cotypes.—♀ and ♂: Blido, Sweden, 1896. Acc. No. 44188. Slide No. 3261.

Transferred to the genus *Pentarthron* (Riley) Packard by Girault (1911). Synonymous with *Trichogramma evanescens* Westwood according to Henriksen (1918). The genotype of *Oophthora* Aurivillius (monobasic).

Pentarthron euproctidis Girault

Trans. Amer. Ent. Soc., Vol. XXXVII, April 17, 1911, p. 46.

Paratypes.—♀: Europe, bred from *Euproctis chrysorrhaca* Linnaeus, Gypsy Moth Parasite Laboratory (2006-G. M. L.). Acc. No. 44190. Slide No. 1447.

Mounted in balsam on a slide.

Pentarthron retorridum Girault

Trans. Amer. Ent. Soc., Vol. XXXVII, April 17, 1911, p. 52.

Paratypes.—♂ and ♀: Ames, Iowa, reared from the eggs of *Nelcucania (Meliana) albilinea* (Hübner), September 3, 1910, Experiment 528 (T. M. M.); Ames, Iowa, reared from the eggs of *Nelcucania (Meliana) albilinea* (Hübner), September, 1910, Experiment 602 (R. L. Webster); Ames, Iowa, reared from the eggs of *Nelcucania (Meliana) albilinea* (Hübner), August 30, 1910, Experiment 535 (T. M. M.). Acc. No. 44186. Slide Nos. 1432, 1433 and 1445.

Mounted in balsam on three slides.

Trichogrammatoidea lutea Girault

Trans. Amer. Ent. Soc., Vol. XXXVII, May 29, 1911, p. 19.

Paratypes.—♀: Natal, Africa, reared from egg parasite of *Carpocapsa* sp., March 20, 1901 (Claude Fuller). Acc. No. 44167. Slide No. 1431.

Mounted in balsam on one slide.

Trichogrammatella tristis Girault

Archiv. für Naturg., Jahrg. 77, Band I, Suppl. 2, 1911, p. 127.

Paratypes.—♂ and ♀: Tunapunta, Trinidad, reared from eggs of *Horiola arquata*, February, 1911 (F. W. Urich). Acc. No. 44254. Slide No. 1470.

Mounted in balsam on a slide with three female paratypes of *Tumidifemur pulchrum* Girault. The genotype of *Trichogrammatella* Girault (original designation and monobasic).

Tumidiclava pulchrinotum Girault

Trans. Amer. Ent. Soc., Vol. XXXVII, May 29, 1911, p. 8.

Paratype.—♀: Urbana, Illinois, sweepings in meadow, June 8, 1910 (A. A. Girault). Acc. No. 44162. Slide No. 1454.

Mounted in balsam on a slide. The genotype of *Tumidiclava* Girault (original designation and monobasic).

Tumidifemur pulchrum Girault

Archiv. für Naturg., Jahrg. 77, Band I, Suppl. 2, 1911, p. 125.

Paratypes.—♀: Tunapunta, Trinidad, reared from eggs of *Horiola arquata*, February, 1911 (F. W. Urich). Acc. No. 44256. Slide No. 1470.

In fair condition. Mounted in balsam on a slide with three male and four female paratypes of *Trichogrammatella tristis* Girault. The genotype of *Tumidifemur* Girault (original designation and monobasic).

Uscana semifumipennis Girault

Trans. Amer. Ent. Soc., Vol. XXXVII, May 29, 1911, p. 23.

Paratypes.—♂ and ♀: Beeville, Texas—Honolulu, Hawaii, October 30, 1909 (F. Fulloway). Acc. No. 44166.

Mounted in balsam on a single slide. The genotype of *Uscana* Girault (original designation and monobasic).

Uscanella bicolor Girault

Archiv. für Naturg., Jahrg. 77, Band I, Suppl. 2, 1911, p. 129.

Paratype.—♀: Tunapunta, Trinidad, reared from egg of *Horiola arquata*, February, 1911 (F. W. Urich). Acc. No. 44255. Slide No. 1468.

The genotype of *Uscanella* Girault (original designation and monobasic).

Uscanoidea nigriventris Girault

Archiv. für Naturg., Jahrg. 77, Band I, Suppl. 2, 1911, p. 130.

Paratypes.—♂ and ♀: Paraiso, Isthmus of Panama, reared from eggs of "apparently jassids", January 20, 1911 (E. A. Schwarz). Acc. No. 44226. Slide No. 1488.

- In fair condition. Mounted in balsam on a slide. The genotype of *Usca*
oidca Girault (original designation and monobasic).
- Westwoodella clarimaculosa** Girault
Trans. Amer. Ent. Soc., Vol. XXXVII, April 17, 1911, p. 67.
Type.—♀: Pulaski, Illinois, May 14, 1910 (C. A. Hart and A. A. Girault).
Acc. No. 44193. Slide No. 1463.
Mounted in balsam on a slide. In a subsequent publication this species
was considered by Girault (1911) as a color variety of *Westwoodella san-*
guinea Girault.
- Westwoodella comosipennis** Girault
Trans. Amer. Ent. Soc., Vol. XXXVII, April 17, 1911, p. 66.
Paratype.—♀: No locality for this specimen is given. Type in United
States National Museum is from "Ithaca, New York". Acc. No. 44187.
Slide No. 1462.
Mounted in balsam on a slide.
- Westwoodella sanguinea** Girault
Trans. Amer. Ent. Soc., Vol. XXXVII, April 17, 1911, p. 58.
Type.—♀: Centralia, Illinois, August 25, 1909 (A. A. Girault). Acc. No.
41681. Slide No. 1410.
Paratypes.—♀: Urbana, Illinois, June 8, 1910 (A. A. Girault); Dalton,
Illinois, June 15, 1910 (A. A. Girault). Acc. Nos. 44162 and 44244. Slide
Nos. 1453 and 1454.
Mounted in balsam on three slides.
- Westwoodella subfasciatipennis** Girault
Trans. Amer. Ent. Soc., Vol. XXXVII, April 17, 1911, p. 63.
Allotype.—♂: Pullman, Washington, reared from green jassid egg, Oc-
tober 18, 1909. Acc. No. 44191. Slide No. 1450.
Mounted in balsam on a slide.

Family MYMARIDAE

- Alaptus caecili** Girault
Ann. Ent. Soc. Amer., Vol. I, No. 3, September, 1908, p. 189.
Paratypes.—♂ and ♀: Los Angeles, California, reared from eggs of
Psocus, July 21, 1888 (D. W. Coquillett). Acc. No. 37491. Slide No. 1303.
Mounted in balsam on a slide.
- Alaptus eriococci** Girault
Ann. Ent. Soc. Amer., Vol. I, No. 3, September, 1908, p. 191.
Paratypes.—♂ and ♀: Los Angeles, California, reared from *Eriococcus*
araucariae Maskell, September 5, 1887. Acc. No. 37490. Slide No. 1302.
Mounted in balsam on one slide.
- Alaptus intonsipennis** Girault
Journ. N. Y. Ent. Soc., Vol. XVIII, No. 4, December, 1910, p. 244.
Lectotype.—♀: Bloomington (Hendrix), Illinois, July 22, 1910 (A. A.
Girault). Acc. No. 44115. Slide No. 1417.
Paratype.—♀: Bloomington (Hendrix), Illinois, July 22, 1910 (A. A.
Girault). Acc. No. 44115. Slide No. 1417.
Mounted in balsam on one slide.
- Anagrus armatus** var. *nigriventris* Girault
Trans. Amer. Ent. Soc., Vol. XXXVII, October 18, 1911, p. 291.
Lectotype.—♀: Centralia, Illinois, August 25, 1909 (A. A. Girault). Acc.
No. 44220. Slide No. 1483.
Paratype.—♀: Centralia, Illinois, August 25, 1909 (A. A. Girault). Acc.
No. 44220. Slide No. 1482.
Mounted in balsam on two slides.
- Anagrus epos** Girault
Trans. Amer. Ent. Soc., Vol. XXXVII, October 18, 1911, p. 292.

Lectotype.—♀: Centralia, Illinois, September 4, 1909 (A. A. Girault).
Acc. No. 44222. Slide No. 1461.

Allotype.—♂: Centralia, Illinois, September 4, 1909 (A. A. Girault). Acc.
No. 44222. Slide No. 1461.

Paratypes.—♀: Centralia, Illinois, September 4, 1909 (A. A. Girault);
Urbana, Illinois, October 8, 1910 (A. A. Girault). Acc. Nos. 44222 and
45077. Slide Nos. 1441 and 1461.

Lectotype, lectoallotype and paratypes mounted in balsam on the same
slide and according to the label of Girault with a specimen of *Alaptus*
cacculii Girault. One paratype mounted in balsam on a slide with seven
females of *Camptoptera pulla* Girault.

Anagrus spiritus Girault

Ent. News, Vol. XXII, No. 5, May, 1911, p. 209.

Type.—♀: Fort Collins, Colorado, probably from egg of *Aphis pomi*, 1904
(S. A. Johnson). Acc. No. 41009. Slide No. 1400.

Allotype.—♂: Fort Collins, Colorado, probably from egg of *Aphis pomi*,
1904 (S. A. Johnson). Acc. No. 41009. Slide No. 1400.

Accession number 41009 and not 40809 as stated by Girault in original
description. Mounted in balsam on one slide.

Anaphes hercules Girault

Trans. Amer. Ent. Soc., Vol. XXXVII, October 18, 1911, p. 285.

Type.—♀: Urbana, Illinois, June 8, 1910 (A. A. Girault). Acc. No. 44242.
Slide No. 1504.

Mounted in balsam on a slide with one paratypic female of *Polynema con-*
sobrinus Girault.

Anaphes nigrellus Girault

Trans. Amer. Ent. Soc., Vol. XXXVII, October 18, 1911, p. 282.

Type.—♀: Urbana, Illinois, June 26, 1909 (J. D. Hood). Acc. No. 44228.
Slide No. 1520.

Mounted in balsam on a slide.

Anaphoidea pullicrura Girault

Journ. N. Y. Ent. Soc., Vol. XVIII, No. 4, December, 1910, p. 252.

Type.—♀: Centralia, Illinois, August 26, 1909 (A. A. Girault). Acc. No.
41686. Slide No. 1435.

Mounted in balsam on a slide.

Anaphoidea sordidata Girault

Journ. N. Y. Ent. Soc., Vol. XVII, No. 4, December, 1909, p. 169.

Type.—♀: Centralia, Illinois, from egg of the common weevil *Tylo-*
derma foveolata (Say), June 26, 1909 (A. A. Girault). Acc. No. 41651. Slide
No. 1423.

Lectoallotype.—♂: Centralia, Illinois, from egg of the common weevil
Tylo-
derma foveolata (Say), June 27, 1909 (A. A. Girault). Acc. No.
41651. Slide No. 1422.

Paratype.—♂: Centralia, Illinois, from egg of the common weevil *Tylo-*
derma foveolata (Say), July 4, 1909 (A. A. Girault). Acc. No. 41656.
Slide No. 1425.

Mounted in balsam on three slides. The genotype of *Anaphoidea* Girault
(original designation and monobasic).

Camptoptera pulla Girault

Ann. Ent. Soc. Amer., Vol. II, No. 1, March, 1911, p. 27.

Lectotype.—♀: Urbana, Illinois, July 15, 1908 (J. D. Hood). Acc. No.
39116. Slide No. 1307.

Mounted in balsam on a slide.

Gonatocerus fasciatus Girault

Trans. Amer. Ent. Soc., Vol. XXXVII, October 18, 1911, p. 265.

Lectotype.—♀: Arlington, Virginia, July 6. Acc. No. 44238. Slide No.
1479.

- Paratype.—♀: Arlington, Virginia, July 6. Acc. No. 44238. Slide No. 1479.
In fair condition. Mounted in balsam on one slide.
- Gonatocerus pygmaeus** Girault
Trans. Amer. Ent. Soc., Vol. XXXVII, October 18, 1911, p. 269.
Paratype.—♀: Mississippi. Acc. No. 44249. Slide No. 1484.
In fair condition. Mounted in balsam on a slide.
- Gonatocerus rivalis** Girault
Trans. Amer. Ent. Soc., Vol. XXXVII, October 18, 1911, p. 257.
Paratypes.—♀: Butler, Illinois, July 21, 1910 (C. A. Hart and A. A. Girault); Pulaski, Illinois, May 14, 1910 (C. A. Hart and A. A. Girault).
Acc. No. 44212. Slide Nos. 1477 and 1478.
- Polynema citripes** (Ashmead) Girault
Journ. N. Y. Ent. Soc., Vol. XIX, No. 1, March, 1911, p. 19.
Cotypes.—♀: Centralia, Illinois, on window, August 25, 1909 (A. A. Girault). Acc. No. 44175. Slide Nos. 1339 and 1436.
One bears data "*Cosmocoma citripes* Ash. female Type from Ind.". Description is by Girault, but Ashmead was given credit for the species.
Mounted in balsam on two slides.
- Polynema consobrinus** Girault
Trans. Amer. Ent. Soc., Vol. XXXVII, October 18, 1911, p. 309.
Lectotype.—♂: Pekin, Illinois, August 14, 1883 (S. A. Forbes). Acc. No. 3816.
Paratypes.—♂ and ♀: Normal, Illinois, June 15, 1883 (S. A. Forbes); Urbana, Illinois, April 30 and June 8, 1910 (A. A. Girault); Chicago, Illinois, September 15, 1908 (J. J. Davis). Acc. Nos. 3391, 40029, 44242 and 44245. Slide Nos. 1333, 1401, 1452 and 1504.
Mounted in balsam on four slides. One of the female paratypes is mounted on a slide with paratypes of *Polynema enchenopae* Girault, and another female paratype is on a slide with the type of *Anaphes hercules* Girault.
- Polynema enchenopae** Girault
Journ. N. Y. Ent. Soc., Vol. XIX, No. 1, March, 1911, p. 15.
Paratypes.—♂ and ♀: Chicago, Illinois, September 15, 1908 (J. J. Davis).
Acc. No. 40029. Slide No. 1401.
Mounted in balsam on a slide with one female paratype of *Polynema consobrinus* Girault.
- Polynema sibylla** Girault
Trans. Amer. Ent. Soc., Vol. XXXVII, October 18, 1911, p. 311.
Paratype.—♀: Algonquin, Illinois, May 10, 1896 (W. A. Nason). Acc. No. 44246. Slide No. 1348.
Mounted in balsam on a slide. The head is missing.
- Polynema striaticorne** Girault
Journ. N. Y. Ent. Soc., Vol. XIX, No. 1, March, 1911, p. 12.
Paratypes.—♂ and ♀: Geneva, New York, reared from membracid eggs, April 30, 1908. Acc. No. 44176. Slide No. 1437.
Mounted in balsam on one slide.
- Polynema zetes** Girault
Trans. Amer. Ent. Soc., Vol. XXXVII, October 18, 1911, p. 314.
Type.—♀: Urbana, Illinois, July 27, 1910 (A. A. Girault). Acc. No. 44248.
Slide No. 1446.
Mounted in balsam on a slide.
- Stephanodes psecas** Girault
Journ. N. Y. Ent. Soc., Vol. XX, No. 1, March, 1912, p. 41.
Lectotype.—♀: Butler, Illinois, July 15, 1910 (A. A. Girault). Acc. No. 44209. Slide No. 1485.
Paratype.—♀: Urbana, Illinois, June 8, 1910 (A. A. Girault). Acc. No. 44209. Slide No. 1485.

In fair condition. Subsequently placed by Girault in the genus *Polynema* Haliday. Mounted in balsam on a slide.

Stethynium faunum Girault

Trans. Amer. Ent. Soc., Vol. XXXVII, October 18, 1911, p. 298.

Type.—♀: Bloomington (Hendrix), Illinois, June 14, 1910 (A. A. Girault).
Acc. No. 44244. Slide No. 1453.

Mounted in balsam on a slide with one paratypic female of *Westwoodella sanguinea* Girault.

Stichothrix bifasciatipennis Girault

Psyche, Vol. XV, No. 4, December, 1908, p. 115.

Paratype.—♂: Washington, D. C., reared from eggs of *Anaxipha exigua* (Say), May 6, 1905 (T. Pergande). Acc. No. 37487. Slide No. 1297.

Mounted in balsam on a slide. Placed by Girault at a later date in the genus *Polynema* Haliday.

Family TIPHIIDÆ

Neotiphia acuta Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. I, October, 1918, p. 9.

Lectotype.—♂: Texas.

Lectoallotype.—♀: Texas.

Paratypes.—♂: Texas.

The genotype of *Neotiphia* Malloch (original designation and monobasic).

Tiphia affinis Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. I, October, 1918, p. 19.

Lectotype.—♂: Galena, Illinois, July 8, 1917 (C. A. Hart and J. R. Malloch).

Lectoallotype.—♀: Galena, Illinois, July 8, 1917 (C. A. Hart and J. R. Malloch).

Paratypes.—♂: Galena, Illinois, July 8, 1917 (C. A. Hart and J. R. Malloch); Dubois, Illinois, August 10, 1917 (J. R. Malloch).

Head of one of the paratypes is missing.

Tiphia arida Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. 1, October, 1918, p. 20.

Type.—♀: Havana, Illinois, Devil's Hole, August 13, 1903 (C. A. Hart).
Acc. No. 35530.

Tiphia aterrima Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. 1, October, 1918, p. 19.

Lectotype.—♀: Urbana, Illinois, September 6, 1891 (C. A. Hart). Acc. No. 17424.

Paratypes.—♀: Urbana, Illinois, September 6, 1891 (C. A. Hart). Acc. No. 17424.

Tiphia clypeolata Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. 1, October, 1918, p. 16.

Paratype.—♀: Dubois, Illinois, August 10, 1917 (J. R. Malloch).

Tiphia conformis Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. 1, October, 1918, p. 22.

Lectotype.—♂: Quincy, Illinois, on thistles, August 13, 1889 (C. A. Hart).
Hart Acc. No. 554.

Lectoallotype.—♀: Quincy, Illinois, on thistles, August 13, 1889 (C. A. Hart). Hart Acc. No. 554.

Paratype.—♀: Brownsville, Texas, November 24, 1911 (C. A. Hart).

Lectoallotype has abdomen missing. The male has been selected as the lectotype because of the poor condition of the single female from the "Type locality" of Quincy.

Tiphia inaequalis Malloch

Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. 1, October, 1918, p. 22.

- Lectotype.—♂: Dubois, Illinois, August 9, 1917 (J. R. Malloch).
 Paratypes.—♂: Dubois, Illinois, August 9, 1917 (J. R. Malloch).
- Tiphia punctata* var. *intermedia* Malloch**
 Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. 1, October, 1918, p. 21.
 Lectotype.—♀: Carlinville, Illinois (C. Robertson).
- Tiphia robertsoni* Malloch**
 Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. 1, October, 1918, p. 23.
 Lectotype.—♀: Carlinville, Illinois, August (C. Robertson).
 Paratypes.—♀: Urbana, Illinois, July 23, 1891 (McElfresh and C. A. Hart); Urbana, Illinois, September 9, 1892 (Kahl); Urbana, Illinois, August 30, 1914; Muncie, Illinois, September 7, 1914; Alto Pass, Illinois, August 13, 1891 (Shiga and C. A. Hart); Falls Church, Virginia, September 6-10 (N. Banks). Acc. Nos. 17000, 17216 and 20243.
- Tiphia rugulosa* Malloch**
 Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. 1, October, 1918, p. 15.
 Lectotype.—♂: Urbana, Illinois, University Forestry, November 10, 1915 (J. R. Malloch).
 Lectoallotype.—♀: Homer, Illinois, July 20, 1907 (C. A. Hart).
 Paratype.—♀: Urbana, Illinois, University grounds, June 25, 1888 (J. Marten and C. A. Hart). Acc. No. 14512.
- Tiphia similis* Malloch**
 Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. 1, October, 1918, p. 18.
 Lectotype.—♂: Waukegan, Illinois, August 25, 1917 (J. R. Malloch).
 Paratype.—♂: Cherry Valley, Illinois, August 17, 1883. Acc. No. 3960.
- Tiphia subcarinata* Malloch**
 Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. 1, October, 1918, p. 15.
 Paratype.—♂: Grand Junction, Michigan, July 15, 1914 (C. A. Hart).
- Tiphia texensis* Malloch**
 Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. 1, October, 1918, p. 20.
 Cotype.—♀: Dallas, Texas.
- Tiphia tuberculata* Malloch**
 Bull. Ill. State Nat. Hist. Surv., Vol. XIII, Art. 1, October, 1918, p. 14.
 Lectotype.—♂: Meredosia, Illinois, by sweeping foliage of blackjack oak along margin of a sand pit, August 22, 1917, (T. H. Frison, C. A. Hart and J. R. Malloch).
 Lectoallotype.—♀: Meredosia, Illinois, by sweeping foliage of black-jack oak along margin of a sand pit, August 22, 1917 (T. H. Frison, C. A. Hart and J. R. Malloch).
 Paratypes.—♂ and ♀: Meredosia, Illinois, by sweeping foliage of black-jack oak along margin of a sand pit, August 22, 1917 (T. H. Frison, C. A. Hart and J. R. Malloch); Dubois, Illinois, August 8, 1917; Havana, Illinois, August 30-31, 1917; Bluffs, Illinois, August 19, 1917 (J. R. Malloch and C. A. Hart). Slide No. 3142.
 Genitalia of one male paratype mounted in balsam on a slide.

Family SPHECIDAE

- Ammophila argentata* Hart**
 Bull. Ill. State Lab. Nat. Hist., Vol. VII, Art. VII, Part III, January, 1907, p. 266.
 Lectotype.—♀: Topeka, Illinois, Devil's Neck, June 7, 1905 (C. A. Hart).
 Paratype.—♀: Havana, Illinois, Devil's Hole, August 22, 1906 (C. A. Hart). Acc. No. 35693.
 Paratype has head missing. Now placed in the genus *Sphex* Linnaeus.

Family ANDRENIDAE

- Andrena (Micrandrena) amplificata** Cockerell
 Can. Ent., Vol. XLII, No. 11, November 11, 1910, p. 368.
 Paratype.—♀: Steamboat Springs, Colorado, May 27 (T. D. A. Cockerell).
- Andrena banksi** Malloch
 Bull. Brook, Ent. Soc., Vol. XII, No. 4, October, 1917, p. 89.
 Type.—♀: Fedor, Texas, March 13, 1903 (Birkmann).
 Allotype.—♂: Great Falls, Maryland, April 27 (N. Banks).
 Paratypes.—♂: Maryland, near Plummer's Island, on flowers of *Prunus*,
 April 22, 1917 (H. L. Viereck); Great Falls, Maryland, April 27 (N.
 Banks).
- Andrena costillensis** Viereck and Cockerell
 Proc. U. S. Nat. Mus., Vol. 48, No. 2064, November 28, 1914, p. 50.
 Paratype.—♀: Eldora, Colorado, at flowers of *Grindelia*, August 19, 1910
 (T. D. A. and W. R. Cockerell).
- Andrena flexa** Malloch
 Bull. Brook, Ent. Soc., Vol. XII, No. 4, October, 1917, p. 92.
 Type.—♂: Dubois, Illinois, on flowers of raspberry or *Crataegus*, May
 15, 1916 (C. A. Hart and J. R. Malloch).
 Paratypes.—♀: Dubois, Illinois, on flowers of raspberry and *Crataegus*,
 May 15, 1916 (C. A. Hart and J. R. Malloch); Dubois, Illinois, on flowers
 of raspberry and *Crataegus*, May 24, 1917 (C. A. Hart and J. R. Malloch).
- Andrena lappulae** Cockerell
 Bull. Amer. Mus. Nat. Hist., Vol. XXII, Art. XXV, 1906, p. 437.
 Paratype.—♂: Florissant, Colorado, on flowers of *Lappula floribunda*, July
 19 (T. D. A. Cockerell).
 Labeled by author as a cotype.
- Andrena micranthropila** Cockerell
 Bull. Amer. Mus. Nat. Hist., Vol. XXII, Art. XXV, 1906, p. 432.
 Paratype.—♂: Colorado, east of Lake George, on flowers of *Chamaerhodos*
erectus, June 18 (T. D. A. Cockerell).
 Labeled by author as a cotype.
- Andrena regularis** Malloch
 Bull. Brook, Ent. Soc., Vol. XII, No. 4, October, 1917, p. 91.
 Paratype.—♂: Ithaca, New York, May 19, 1914. Slide No. 3259.
 Genital structures of male paratype only mounted in balsam on a slide.

Family HALICTIDAE

- Halictus euryceps** Ellis
 Ent. News, Vol. XXV, No. 3, March, 1914, p. 98.
 Paratypes.—♀: Beulab, New Mexico, at flowers of *Polemonium*, August
 25, 1899 (W. Porter) and end of August (T. D. A. Cockerell).
 Labeled by author as cotypes.

Family MEGACHILIDAE

- Megachile willughbiella kudiensis** Cockerell
 Ann. Mag. Nat. Hist., Ser. 9, Vol. XIII, No. 77, May, 1924, p. 529.
 Paratype.—♀: Kudia River, Amagus, Siberia, July, 1923 (T. D. A.
 Cockerell).
 Labeled by author as cotype.

Family COLLETIDAE

- Caupolicana malvacearum** Cockerell
 Ann. Mag. Nat. Hist., Ser. 9, Vol. 17, No. 98, February, 1926, p. 214.
 Paratype.—♂: Tingo, Peru, August 18 (T. D. A. Cockerell).

TYPES IN THE ANDREAS BOLTER COLLECTION
OF INSECTS

(Natural History Museum, University of Illinois)

ORDER COLEOPTERA

Family CLERIDAE

Prionocera lecontei Wolcott

Field Mus. Nat. Hist., Zool. Ser., Vol. VII, May, 1910, p. 356.

Type.—sex?: California.

ORDER LEPIDOPTERA

Family HEPIALIDAE

Hepialus confusus Hy. Edwards

Papilio, Vol. IV, Nos. 7 and 8, September, 1884, p. 122.

Type.—♀: Sitka, Alaska.

In fair condition. The specimen is labeled simply "Sitka".

Family GLYPHIPTERYGIDAE

Thia extranea Hy. Edwards

Ent. Amer., Vol. III, No. 10, January, 1888, p. 181.

Cotype.—♂: Los Angeles, Southern California, on flowers, April, 1879
(A. J. Bolter).

The genotype of *Thia* Hy. Edwards (monobasic). Now placed in the genus
Thelethia Dyar.

Family PYRALIDAE

Zophodia epischnioides Hulst

Can. Ent., Vol. XXXII, No. 6, June, 1900, p. 173.

Cotype.—♂: Las Vegas, New Mexico.

No locality or number of specimens in type series stated by Hulst in original description. Labeled "Type" in handwriting of Hulst.

Family GEOMETRIDAE

Diastictis speciosa Hulst

Trans. Amer. Ent. Soc., Vol. XXIII, September, 1896, p. 332.

Cotype.—♀: Hot Springs, New Mexico, 7000 feet altitude, August.

Now placed in the genus *Meris* Hulst.

Hydriomena neomexicana Hulst

Trans. Amer. Ent. Soc., Vol. XXIII, August, 1886, p. 285.

Cotype.—♀: Colorado (Bruce).

Now placed in the genus *Campptogramma* Stephens.

Plemyria georgii Hulst

Trans. Amer. Ent. Soc., Vol. XXIII, August, 1896, p. 280.

Cotype.—♂: Victoria, Vancouver.

Now placed in the genus *Thera* Stephens.

Selidosema albescens Hulst

Trans. Amer. Ent. Soc., Vol. XXIII, September, 1896, p. 355.

Type.—♂: Seattle, Washington.

Sympherta julia Hulst

Trans. Amer. Ent. Soc., Vol. XXIII, September, 1886, p. 338.

Cotype?—♂: Duluth, Minnesota.

Described from a number of specimens from various collectors and localities. This male is labeled "Type" in the handwriting of Hulst, but this locality is not given in the original description. This species is now considered as synonymous with *loricaria* Eversmann and placed in the genus *Dysmigia* Warren.

Family NOTODONTIDAE

Heterocampa superba Hy. Edwards

Papilio, Vol. IV, Nos. 7 & 8, September, 1884, p. 121.

Type.—♀: San Antonio, Texas.

The specimen is labeled simply "Tex.". Now considered as a synonym of *Heterocampa subrotata* Harvey.

Macrurocampa dorothea Dyar

Can. Ent., Vol. XXVIII, No. 7, July, 1896, p. 176.

Type.—♀: Las Vegas, New Mexico.

Now placed in the genus *Fentonia* Butler.

Family NOCTUIDAE

Pseudalypia crotchii var. *atrata* Hy. Edwards

Papilio, Vol. IV, Nos. 7 and 8, September, 1884, p. 121.

Type.—♀:

In fair condition. This specimen is very probably the type, since this species was described from the Bolter Collection and no type exists in the Henry Edwards Collection. Contrary to the original description, the specimen is a female and not a male as stated and it bears a locality label "San Diego, April 23, '79, S. California" instead of "Los Angeles". Now considered as a form of *Pseudalypia crotchii* Hy. Edwards.

Family ARCTIIDAE

Halisidota significans Hy. Edwards

Ent. Amer., Vol. III, No. 10, January, 1888, p. 182.

Type.—♂: Las Vegas, New Mexico.

The specimen is labeled simply "N. Mex.". Now placed in the genus *Aemilia* Kirby and considered as a subspecies of *roseata* Walker.

TYPES IN THE A. D. MACGILLIVRAY COLLECTION OF TENTHREDINOIDEA

(Department of Entomology, University of Illinois)

Family XYELIDAE

Macroxyela bicolor MacGillivray

Can. Ent., Vol. XLIV, No. 10, October, 1912, p. 294.

Type.—♂: Columbus, Ohio (J. S. Hine).

Paratype.—♂: Columbus, Ohio (J. S. Hine).

Macroxyela distincta MacGillivray

Can. Ent., Vol. XLIV, No. 10, October, 1912, p. 295.

Type.—♀: Ithaca, New York, April 13, 1897 (J. C. Martin).

Allotype.—♂: Ithaca, New York, April 13, 1897 (J. O. Martin).

Paratypes.—♀: Ithaca, New York, April 28, 1897 (J. O. Martin).

Macroxyela obsoleta MacGillivray

Can. Ent., Vol. XLIV, No. 10, October, 1912, p. 294.

Type.—♀: Ithaca, New York, April 13, 1897 (J. O. Martin).

Xyela intrabilis MacGillivray

Bull. Brooklyn Ent. Soc., Vol. XVIII, No. 2, May, 1923, p. 53.

Type.—♂: Wyandanch, Long Island, New York, April 22, 1917 (F. M. Schott).

Family PAMPHILIIDAE

Acantholyda modesta MacGillivray

Bull. Brooklyn Ent. Soc., Vol. XVIII, No. 2, May, 1923, p. 53.

Type.—♀: Wyandanch, Long Island, New York, July 4, 1917 (F. M. Schott).

Caenolyda onekama MacGillivray

Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 8.

Type.—♀: Onekama, Michigan, on shore of Lake Michigan, July 17, 1914 (A. D. MacGillivray).

Cephalcia criddlei MacGillivray

Can. Ent., Vol. XLIV, No. 10, October, 1912, p. 296.

Type.—♀: Aweme, Manitoba, Canada, July 31, 1906 (N. Criddle).

Cephalcia dissipator MacGillivray

Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, pp. 8-9.

Type.—♂: Guelph, Ontario, Canada, No. 839 (T. D. Jarvis).

Paratype.—♂: Guelph, Ontario, Canada, No. 839 (T. D. Jarvis).
In fair condition.

Cephalcia distincta MacGillivray

Can. Ent., Vol. XLIV, No. 10, October, 1912, p. 296.

Type.—♂: Mount Washington, New Hampshire (A. T. Slosson).

Cephalcia jenseni MacGillivray

Can. Ent., Vol. XLIV, No. 10, October, 1912, p. 297.

Type.—♀: Eagle Bend, Minnesota, July, 1909 (J. P. Jensen).

Itycorsia angulata MacGillivray

Can. Ent., Vol. XLIV, No. 10, October, 1912, p. 295.

- Type.—♀: Axton, New York, June 12-22, 1901 (C. O. Houghton and A. D. MacGillivray).
 Paratype.—♀: Wallingford, Connecticut, July 7, 1911 (J. K. Lewis).
- Itycorsia balanata* MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 18.
 Type.—♀: Mary's Peak, Corvallis, Oregon (Siler).
- Itycorsia balata* MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 18.
 Type.—♀: Mary's Peak, Corvallis, Oregon (Nelson).
- Itycorsia ballista* MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 19.
 Type.—♀: Corvallis, Oregon, May 5, 1901.
 Abdomen partially missing.
- Pamphilius dentatus* MacGillivray
 Can. Ent., Vol. XLIV, No. 10, October, 1912, p. 297.
 Type.—♀: Wilbraham, Massachusetts, June 10, 1902 (J. O. Martin).
 Lectoallotype.—♂: Hamden, Connecticut, May 24, 1910, (B. H. Walden).
 Paratypes.—♂ and ♀: Hamden, Connecticut, on blackberry, May 24, 1910
 (B. H. Walden); Wallingford, Connecticut, June 8, 1911 (B. H. Walden).
- Pamphilius fletcheri* MacGillivray
 Can. Ent., Vol. XLIV, No. 10, October, 1912, p. 298.
 Paratype.—♀: St. John, New Brunswick, larvae on leaves of raspberry,
 1899.
- Pamphilius fortuitus* MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 27.
 Type.—♀: Olympia, Washington, July 5, 1896 (T. Kincaid).
 Paratype.—♀: Olympia, Washington, July 5, 1896 (T. Kincaid).
- Pamphilius persicum* MacGillivray
 Can. Ent., Vol. XXXIX, No. 9, September, 1907, p. 308.
 Type.—♀: Yalesville, Connecticut, on peach, June 14, 1906 (B. H. Walden).
 Spelling of specific name emended by MacGillivray from *persicum* to *persicus*.
- Pamphilius transversa* MacGillivray
 Can. Ent., Vol. XLIV, No. 10, October, 1912, p. 297.
 Type.—♂: Franconia, New Hampshire (A. T. Slosson).
 In original description it is stated that the female is described, but the
 type is a male.
- Pamphilius unalatus* MacGillivray
 Bull. Brooklyn Ent. Soc., Vol. XV, No. 4, October, 1920, p. 112.
 Type.—♀: Ithaca, New York, May 20, 1919, reared (H. Yuasa, 183-1).

Family TENTHREDINIDAE

- Acordulecera maculata* MacGillivray
 Can. Ent., Vol. XL, No. 5, May, 1908, p. 169.
 Type.—♀: Slaterville—Caroline, New York, June 14, 1904.
 Lectoallotype.—♂: Caroline-Harford, New York, June 15, 1904.
 Paratypes.—♀ and ♂: McLean, New York, July 2-3, 1904, and Caroline
 —Harford, New York, June 15, 1904.
 The type locality is reported as "Ithaca, N. Y." in the original description.
- Acordulecera marina* MacGillivray
 Can. Ent., Vol. XL, No. 5, May, 1908, p. 170.
 Type.—♂: Salineville, Ohio.
- Acordulecera maura* MacGillivray
 Can. Ent., Vol. XL, No. 5, May, 1908, p. 168.
 Type.—♀: North Mountain, Pennsylvania, June 2, 1897
 Paratype.—♀: Ames, Iowa, June 11, 1897.

- Acordulecera maxima** MacGillivray
 Can. Ent., Vol. XL, No. 5, May, 1908, p. 168.
 Type.—♀: Ithaca, New York, May 26, 1899.
- Acordulecera media** MacGillivray
 Can. Ent., Vol. XL, No. 5, May, 1908, p. 168.
 Type.—♀: Algonquin, Illinois (W. A. Nason).
- Acordulecera meleca** MacGillivray
 Bull. Brooklyn Ent. Soc., Vol. XVI, No. 1, February, 1921, p. 23.
 Type.—♂: Ithaca, New York, bred, May 10, 1919, No. 196-2-1 (H. Yuasa).
 Paratype.—♂: Ithaca, New York, bred, August 19, 1918, No. 196-2-1 (H. Yuasa).
- Acordulecera mellina** MacGillivray
 Can. Ent., Vol. XL, No. 5, May, 1908, p. 169.
 Type.—♀: Mount Washington, New Hampshire (A. T. Slosson).
- Acordulecera minima** MacGillivray
 Can. Ent., Vol. XL, No. 5, May, 1908, p. 168.
 Type.—♀: Edge Hill, Pennsylvania, May 13, 1900 (G. M. Greene).
 Paratype.—♀: Ithaca, New York, June 12, 1891.
- Acordulecera minuta** MacGillivray
 Can. Ent., Vol. XL, No. 5, May, 1908, p. 169.
 Type.—♀: Ames, Iowa, June, 1897 (E. D. Ball).
 Paratype.—♀: Ames, Iowa, June, 1897 (E. D. Ball).
- Acordulecera mixta** MacGillivray
 Can. Ent., Vol. XL, No. 5, May, 1908, p. 169.
 Type.—♀: Columbia, Missouri, May 19, 1905 (C. R. Crosby).
 Lectoallotype.—♂: Ashbourne, Pennsylvania, May 24, 1900 (H. L. Viereck).
 Paratypes.—♀ and ♂: Ithaca, New York, July 2, 1902; Salineville, Ohio; Delaware County, Pennsylvania, May 25, 1905 (Cresson); Ames, Iowa, June 23, 1896 (E. D. Ball).
 The lectoallotype was labeled by MacGillivray as a paratype.
- Acordulecera munda** MacGillivray
 Can. Ent., Vol. XL, No. 5, May, 1908, p. 169.
 Type.—♀: Ithaca, New York, bred, February 26, 1898 (C. Young).
 Paratype.—♀: Ithaca, New York, February 28, 1898 (C. Young).
- Acordulecera musta** MacGillivray
 Bull. Brooklyn Ent. Soc., Vol. XVI, No. 1, February, 1921, p. 23.
 Type.—♂: Ithaca, New York, bred, May 29, 1919, No. 144-5-1 (H. Yuasa).
- Allantus universus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 6.
 Type.—♀: Highlands, North Carolina, September, 1906 (F. Sherman).
 Paratype.—♀: Highlands, North Carolina, September, 1906 (F. Sherman).
- Amauronematus vacalus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 6.
 Type.—♀: Corvallis, Oregon, May 13 (F. M. McE).
- Amauronematus vacivus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 28.
 Type.—♂: Orono, Maine, August 19, 1913, Sub. 61.
- Amauronematus valerius** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 6.
 Type.—♂: Hood River, Oregon, August 2, 1914 (L. Childs).
- Amauronematus vanus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 27.
 Type.—♀: Orono, Maine, July 26, 1913, Sub. 133.
- Amauronematus venaticus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 29.
 Type.—♂: Orono, Maine, July 20, 1913, Sub. 6.

- Amauronematus veneficus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 169.
 Type.—♀: Katmai, Alaska, June, 1917 (J. S. Hine).
- Amauronematus venerandus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 30.
 Type.—♂: Orono, Maine, Sub. 27.
- Amauronematus ventosus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 169.
 Type.—♀: Valdez, Alaska, June 4, 1919 (J. S. Hine).
- Amauronematus verbosus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 29.
 Type.—♀: Orono, Maine, Sub. 162.
- Amauronematus veridicus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 170.
 Type.—♀: Katmai, Alaska, July, 1917 (J. S. Hine).
- Amauronematus vescus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 30.
 Type.—♀: Orono, Maine, Sub. 112.
 Paratypes.—♀: Orono, Maine, Sub. 112.
- Amauronematus visendus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 28.
 Type.—♀: Orono, Maine, Sub. 29.
 Lectoallotype.—♂: Orono, Maine, Sub. 16.
 The lectoallotype was labeled by MacGillivray as a paratype.
- Aphanis lobatus** MacGillivray
 Can. Ent., Vol. XL, No. 8, August, 1908, p. 295.
 Type.—♀: Ormond, Florida (A. T. Slosson).
 The genotype of *Aphanis* MacGillivray (original designation).
- Aphanis muricatus** MacGillivray
 Can. Ent., Vol. XL, No. 8, August, 1908, p. 296.
 Type.—♀: Ithaca, New York, May 3, 1895.
- Aphanis nigrinus** MacGillivray
 Can. Ent., Vol. XL, No. 8, August, 1908, p. 296.
 Type.—♀: Riverton, New Jersey, May 1, 1898 (H. L. Viereck).
- Aphanis obsitus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 7.
 Type.—♀: Moscow, Idaho (J. M. Aldrich).
- Aphanis occiduus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 7.
 Type.—♀: Juliaetta, Idaho, May 7, 1899 (J. M. Aldrich).
- Aphanis odoratus** MacGillivray
 Can. Ent., Vol. XL, No. 8, August, 1908, p. 296.
 Type.—♀: Ithaca, New York, May 11, 1898.
- Aphanis parallelus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 7.
 Type.—♀: Colorado (C. F. Baker).
- Astochus aldrichi** MacGillivray
 Can. Ent., Vol. XLVI, No. 4, April, 1914, p. 137.
 Type.—♀: Juliaetta, Idaho (J. M. Aldrich).
 Transferred by Rohwer (1918) to the genus *Laurentia* Costa.
- Astochus fletcheri** MacGillivray
 Can. Ent., Vol. XLVI, No. 3, March, 1914, p. 108.
 Type.—♀: Kaslo, British Columbia, May 28, 1906 (J. Fletcher).
 The genotype of *Astochus* MacGillivray (original designation).
 Transferred by Rohwer (1918) to the genus *Laurentia* Costa and synonymized as *Laurentia edwardsii* var. *ruficornis* (MacGillivray).

- Blennocampa abjecta** MacGillivray
Bull. Brooklyn Ent. Soc., Vol. XVI, No. 1, February, 1921, p. 22.
Type.—♀: Ithaca, New York, bred, August, 1917, No. 71-1 (H. Yuasa).
- Blennocampa abnorma** MacGillivray
Can. Ent., Vol. XL, No. 8, August, 1908, p. 296.
Type.—♂: Ithaca, New York, April 10, 1897.
- Blennocampa absona** MacGillivray
Bull. Brooklyn Ent. Soc., Vol. XVI, No. 1, February, 1921, p. 22.
Type.—♀: Orono, Maine, bred, on leaves of *Oenothera*, August 12, 1913, Sub. 186.
Lectoallotype.—♂: Orono, Maine, bred, on leaves of *Oenothera*, August 12, 1913, Sub. 186.
Paratype.—♀: Orono, Maine, bred, on leaves of *Oenothera*, August 12, 1913, Sub. 186.
The lectoallotype was labeled by MacGillivray as a paratype.
- Blennocampa acuminata** MacGillivray
Can. Ent., Vol. XL, No. 8, August, 1908, p. 297.
Type.—♀: Chicopee, Massachusetts, April 26, 1897 (J. O. Martin).
- Blennocampa adusta** MacGillivray
Can. Ent., Vol. XL, No. 8, August, 1908, p. 297.
Type.—♀: Wellesley, Massachusetts, April 21, 1891 (A. P. Morse).
- Blennocampa amara** MacGillivray
Can. Ent., Vol. LV, No. 7, July, 1923, p. 161.
Type.—♀: Edmonton, Alberta, Canada, May 21, 1917 (F. S. Carr).
- Blennocampa angulata** MacGillivray
Can. Ent., Vol. XL, No. 8, August, 1908, p. 297.
Type.—♀: Wellesley, Massachusetts, April 26, 1892 (A. P. Morse).
- Blennocampa antennata** MacGillivray
Can. Ent., Vol. XL, No. 8, August, 1908, p. 296.
Type.—♀: Durham, New Hampshire (W. and F.).
- Blennocampa aperta** MacGillivray
Can. Ent., Vol. XL, No. 8, August, 1908, p. 297.
Type.—♀: West Haven, Connecticut, April 25, 1905 (E. B. Whittlesey).
- Blennocampa atrata** MacGillivray
Can. Ent., Vol. XXV, No. 10, October, 1893, p. 239.
Type.—♀: Olympia, Washington, May 7, 1893 (T. Kincaid).
- Blennocampa typicella** MacGillivray
Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 8.
Type.—♂: Corvallis, Oregon, March 14, 1915 (L. Childs).
- Caliroa labrata** MacGillivray
Can. Ent., Vol. XLI, No. 10, October, 1909, p. 360.
Type.—♂: Mountains near Claremont, California (C. F. Baker).
- Caliroa lacinata** MacGillivray
Can. Ent., Vol. XLI, No. 10, October, 1909, p. 357.
Type.—♀: Algonquin, Illinois, June 8, 1894 (W. A. Nason).
- Caliroa lata** MacGillivray
Can. Ent., Vol. XLI, No. 10, October, 1909, p. 361.
Type.—♀: Ithaca, New York, July 22, 1890.
- Caliroa laudata** MacGillivray
Can. Ent., Vol. XLI, No. 10, October, 1909, p. 356.
Type.—♀: Vancouver, British Columbia, June 19, 1903.
- Caliroa lineata** MacGillivray
Can. Ent., Vol. XLI, No. 10, October, 1909, p. 350.
Type.—♀: Columbia, Missouri, July 15, 1905 (C. R. Crosby).
- Caliroa liturata** MacGillivray
Can. Ent., Vol. XLI, No. 10, October, 1909, p. 349.
Lectotype.—♀: Florida (A. T. Slosson).

Paratype.—♀: Florida (A. T. Slosson).

Both species were mounted upon the same card point by MacGillivray and labeled "Type". One specimen remounted.

Caliroa lobata MacGillivray

Can. Ent., Vol. XLI, No. 10, October, 1909, p. 355.

Type.—♀: Oswego, New York, July 25, 1895 (C. S. Sheldon).

Caliroa lorata MacGillivray

Can. Ent., Vol. XLI, No. 10, October, 1909, p. 352.

Type.—♀: Mount Tom, Massachusetts, July 16, 1898 (A. P. Morse).

Caliroa loricata MacGillivray

Can. Ent., Vol. XLI, No. 10, October, 1909, p. 351.

Type.—♀: Columbia, Missouri, September 2, 1905 (C. R. Crosby).

Caliroa lunata MacGillivray

Can. Ent., Vol. XLI, No. 10, October, 1909, p. 353.

Type.—♀: Ithaca, New York, May 27, 1890.

Caliroa nortonia MacGillivray

Can. Ent., Vol. XXVI, No. 11, November, 1894, p. 324.

Type.—♂: Millersville, McLean, New York, May 30, 1890.

Transferred to the genus *Phrontosoma* MacGillivray in 1908 and the specific name emended to *nortoni*.

Ceratulus spectabilis MacGillivray

Can. Ent., Vol. XL, No. 12, December, 1908, p. 454.

Paratypes.—♀ and ♂: Dallas, Texas, bred from larvae on *Cissus incisa*, August 6—October 1, 1908, Hunter No. 1619 (E. S. Tucker).

The genotype of *Ceratulus* MacGillivray (original designation and monobasic).

Cimbex americana var. *nortoni* MacGillivray *

State Geol. Nat. Hist. Surv. Conn., Bull. 22, 1916, p. 104.

Type.—♀: Ithaca, New York, June 3, 1903.

Paratype.—♀: Ithaca, July 28, 1897.

Claremontia typica Rohwer

Can. Ent., Vol. XLI, No. 11, November, 1909, p. 397.

Cotypes.—♀ and ♂: Mountains near Claremont, California (C. F. Baker).

The genotype of *Claremontia* Rohwer (original designation and monobasic).

Cockereillonis occidentalis MacGillivray

Can. Ent., Vol. XL, No. 10, October, 1908, p. 365.

Type sex? Ruidosa Creek, New Mexico, 6,600 feet elevation, on fronds of *Pteris aquilina*, July 1 (E. O. Wooton, 8).

The sex of the type is not indicated in the original description and the abdomen of the type is missing. The genotype of *Cockereillonis* MacGillivray (original designation). Synonymized by Rohwer (1911) as *Eriocampidea arizonensis* Ashmead.

* This variety was described without the customary statement that it was new. It is preceded by an asterisk, which according to a statement on page 15 of the same publication means that it was "originally described from Connecticut". At the original place of publication (p. 104) the only locality given is "Connecticut (E. [dward] N. [orton])" but reference is made to the specimen figured as figure 1 plate xii of Howard's Insect Book. The specimen figured by Howard is in the National Museum and was reared by H. G. Dyar, under his number 2D, from larvae collected at Boxbury, Mass. This specimen was probably never studied by MacGillivray nor is it probable that the specimens collected by Norton were before MacGillivray when he made his Key to the forms of *Cimbex*. It seems better, therefore, to consider the specimen from Ithaca, N. Y., which was labeled by MacGillivray as type to be the type of his variety even though it does not agree with the only locality given in the only place of publication. To do otherwise would make it impossible to have an acceptable type for the variety.

- Craterocercus cervinus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 9.
 Type.—♀: Durham, New Hampshire, 1397 (Weed and Fiske).
 Paratype.—♀: Durham, New Hampshire, 1397 (Weed and Fiske).
 The paratype, labeled as such by MacGillivray, has no locality label.
- Craterocercus circulus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 9.
 Type.—♀: Lake Forest, Illinois (J. G. Needham).
- Craterocercus cordleyi** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 9.
 Type.—♀: Corvallis, Oregon, May 6.
- Craterocercus infuscatus** MacGillivray
 State Geol. Nat. Hist. Surv. Conn., Bull. 22, 1916, p. 106.
 Type.—♀: Ithaca, New York.
 Now placed in the genus *Priophorus* Dahlbom.
- Dimorphopteryx desidiosus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 10.
 Type.—♀ North Fork of Swannanoa, Black Mountains, North Carolina,
 May.
- Dimorphopteryx enucleatus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 10.
 Type.—♀: Franconia, New Hampshire (A. T. Slosson).
- Dimorphopteryx ithacus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 10.
 Type.—♀: Ithaca, New York, June 28, 1898.
- Dimorphopteryx morsei** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 11.
 Type.—♀: Sherborn, Massachusetts, July 25, 1904 (A. P. Morse).
- Dimorphopteryx oronis** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 11.
 Type.—♀: Orono, Maine, July 24, 1913.
- Dimorphopteryx salinus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 11.
 Type.—♀: Salineville, Ohio.
- Dimorphopteryx scopulosus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 12.
 Type.—♀: Fern Rock, Pennsylvania, June 9, 1905.
- Dolerus acritus** MacGillivray
 Can. Ent. Vol. XL, No. 4, April, 1908, p. 130.
 Type.—♀: McLean, New York, May 8, 1891.
- Dolerus agcistus** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 129.
 Type.—♀: Lake Forest, Illinois (J. G. Needham).
 Paratype.—♀: Durham, New Hampshire, 1397 (W. & F.).
- Dolerus apriloides** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 126.
 Type.—♀: Ithaca, New York, June 19, 1897.
- Dolerus borealis** MacGillivray
 Can. Ent., Vol. XXV, No. 10, October, 1893, p. 238.
 Type.—♀: Olympia, Washington, May 22, 1892 (T. Kincaid).
- Dolerus cohaesus** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 128.
 Type.—♀: Otto, New York, July 19, 1882 (J. H. Comstock).
- Dolerus colosericeus** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 125.
 Type.—♀: St. Anthony Park, Minnesota, May 1, 1896 (R. H. Pettit).

- Dolerus conjugatus** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 128.
 Type.—♀: Fulton County, New York, June 1, 1901 (C. R. Crosby).
 Paratypes.—♀ and ♂: Ithaca, New York, July, 1896, and July 9, 1904; Wellesley, Massachusetts, May 27, 1891 (A. P. Morse).
 No males were specifically mentioned in the original description, but male specimens labeled as paratypes by MacGillivray were found in the collection. The locality "Ithaca, New York" is not mentioned in the original description.
- Dolerus dysporus** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 128.
 Type.—♀: Ithaca, New York, April 26, 1896.
 Paratypes.—♀: Chicopee, Massachusetts, May 4, 1902 (J. O. Martin).
- Dolerus graenicheri** MacGillivray
 Can. Ent., Vol. XLVI, No. 3, March, 1914, p. 107.
 Type.—♀: Layton Park, Milwaukee County, Wisconsin, May 1, 1901 (S. Graenicher).
- Dolerus icterus** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 127.
 Type.—♀: Saranac Inn, New York, June 26, 1900 (J. G. Needham).
- Dolerus inspectus** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 128.
 Type.—♂: Ithaca, New York, July, 1896.
- Dolerus inspiratus** MacGillivray
 Can. Ent., Vol. XLVI, No. 3, March, 1914, p. 105.
 Type.—♀: New Haven, Connecticut, May 30, 1911 (A. B. Champlain).
 Paratypes.—♀: New Haven, Connecticut, May 30, 1911 (A. B. Champlain); Eagle Bend, Minnesota, July, 1905 (J. P. Jensen).
- Dolerus konowi** MacGillivray
 Can. Ent., Vol. XLVI, No. 3, March, 1914, p. 106.
 Type.—♀: Olympia, Washington, June 20, 1893 (T. Kincaid).
 Lectoallotype.—♂: Olympia, Washington, April 20, 1894 (T. Kincaid).
 Paratype.—♂: Olympia, Washington, July 2, 1893 (T. Kincaid).
 The lectoallotype was labeled by MacGillivray as a paratype.
- Dolerus lesticus** MacGillivray
 Can. Ent., Vol. XLVI, No. 3, March, 1914, p. 105.
 Type.—♀: Durham, New Hampshire, 2435 (Weed and Fiske); Hampton, New Hampshire, May 1, 1904 (S. A. Shaw).
 Lectoallotype.—♂: Durham, New Hampshire, 2435 (Weed and Fiske); Hampton, New Hampshire, May 1, 1904 (S. A. Shaw).
- Dolerus luctatus** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 127.
 Type.—♀: Ithaca, New York, May 28, 1895.
- Dolerus minusculus** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 126.
 Type.—♀: Ithaca, New York, May 31, 1891.
- Dolerus monosericeus** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 126.
 Type.—♀: West Springfield, Massachusetts, April 26, 1896 (J. O. Martin).
 Lectoallotype.—♂: West Springfield, Massachusetts, April 26, 1896 (J. O. Martin).
 The lectoallotype was labeled by MacGillivray as a paratype. Antennae of the lectoallotype are missing.
- Dolerus napaeus** MacGillivray
 Can. Ent., Vol. LV, No. 3, March, 1923, p. 65.
 Type.—♀: Corvallis, Oregon, on college campus, May 10, 1914 (G. F. Mottette and Johnson).

- Dolerus narratus** MacGillivray
 Can. Ent., Vol. LV, No. 3, March, 1923, p. 65.
 Type.—♀: Mary's Peak, Corvallis, Oregon, May 14, (A. L. Lovett).
 Lectoallotype.—♂: Mary's Peak, Corvallis, Oregon, May 23, (Zwicker).
 Paratype.—♂: Mary's Peak, Corvallis, Oregon, May 23 (Zwicker).
 The lectoallotype was labeled by MacGillivray as a paratype.
- Dolerus nasutus** MacGillivray
 Can. Ent., Vol. LV, No. 3, March, 1923, p. 65.
 Type.—♀: Corvallis, Oregon (Laura Hill).
 Lectoallotype.—♂: Corvallis, Oregon, April 20, 1908 (Laura Hill).
 Paratype.—♀: Renton, Washington, May 22, 1914 (H. F. Wilson).
 The lectoallotype was labeled by MacGillivray as a paratype.
- Dolerus natus** MacGillivray
 Ins. Insc. Mens., Vol. XI, Nos. 1-3, 1923, p. 32.
 Type.—♂: Entermille, Oregon, April 29, 1917 (Baker).
- Dolerus nauticus** MacGillivray
 Ins. Insc., Mens., Vol. XI, Nos. 1-3, 1923, p. 35.
 Type.—♀: Corvallis, Oregon (W. J. Kocken).
- Dolerus necessarius** MacGillivray
 Ins. Insc. Mens., Vol. XI, Nos. 1-3, 1923, p. 35.
 Type.—♀: Kings Valley, Oregon, April 5, 1916 (A. L. Lovett).
 Paratypes.—♀: Kings Valley, Oregon, April 5, 1916 (A. L. Lovett).
- Dolerus necosericeus** MacGillivray
 Univ. Ill. Bull., Vol. 20, No. 50, August 13, 1923, p. 13.
 Type.—♀: Orono, Maine, July 3, 1913.
- Dolerus nectareus** MacGillivray
 Ins. Insc. Mens., Vol. XI, Nos. 1-3, 1923, p. 33.
 Type.—♂: Entermille, Oregon, April 29, 1917 (Baker).
- Dolerus nefastus** MacGillivray
 Can. Ent., Vol. LV, No. 3, March, 1923, p. 66.
 Type.—♀: Corvallis, Oregon, April 20, 1908 (Laura Hill).
 Paratype.—♀: Corvallis, Oregon, April 20, 1908 (Laura Hill).
- Dolerus negotiosus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 164.
 Type.—♂: Savonoski, Naknek Lake, Alaska, July, 1919 (J. S. Hine).
- Dolerus nemorosus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 164.
 Type.—♀: Katmai, Alaska, June, 1917 (J. S. Hine).
- Dolerus neoagcistus** MacGillivray
 Bull. Brooklyn Ent. Soc., Vol. XVIII, No. 2, April, 1923, p. 55.
 Type.—♀: Southfields, New York, May 3, 1914 (F. M. Schott).
- Dolerus neoprilis** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 126.
 Type.—♀: Nebraska (F. Rauterberger).
 In fair condition.
- Dolerus neocollaris** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 127.
 Type.—♂: Fulton, New York, April 27, (C. R. Crosby).
 Lectoallotype.—♂: Ithaca, New York, April 23, 1896.
 Paratype.—♀: Ithaca, New York, April 20, 1895.
 The lectoallotype was labeled by MacGillivray as a paratype.
- Dolerus neosericeus** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 125.
 Type.—♀: Ithaca, New York.
- Dolerus neostagnus** MacGillivray
 Bull. Brooklyn Ent. Soc., Vol. XVIII, No. 2, April, 1923, p. 55.
 Type.—♀: Urbana, Illinois, April 12, 1898.
 Paratype.—♀: Urbana, Illinois, April 12, 1898.

- Dolerus nepotulus** MacGillivray
 Can. Ent., Vol. LV, No. 3, March, 1923, p. 68.
 Type.—♂: Linn County, Oregon, May 17, 1913 (Lewis).
- Dolerus nervosus** MacGillivray
 Ins. Insc. Mens., Vol. XI, Nos. 1-3, 1923, p. 31.
 Type.—♀: Colorado Lake, Oregon, May 29 (E. V. Storm).
- Dolerus nescius** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 12.
 Type.—♀: Kendrick, Idaho, April 14, 1900 (J. M. Aldrich).
- Dolerus nicaeus** MacGillivray
 Can. Ent., Vol. LV, No. 3, March, 1923, p. 68.
 Type.—♀: Chilliwack, Cultis Lake, British Columbia, May 31 (F. C. Ewing).
- Dolerus nidulus** MacGillivray
 Ins. Insc. Mens., Vol. XI, Nos. 1-3, 1923, p. 31.
 Type.—♀: Corvallis, Oregon, May 16, 1916 (A. M. Scott).
 In poor condition.
- Dolerus nimbosus** MacGillivray
 Ins. Insc. Mens., Vol. XI, Nos. 1-3, 1923, p. 33.
 Type.—♀: Eugene, Oregon, April 9, 1896.
 Lectoallotype.—♂: Eugene, Oregon, April 9, 1896.
 Paratypes.—♂ and ♀: Eugene, Oregon, April 9, 1896.
 The lectoallotype was labeled by MacGillivray as a paratype.
- Dolerus nivatus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 164.
 Type.—♀: Katmai, Alaska, July, 1917 (J. S. Hine).
- Dolerus nocivus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 12.
 Type.—♀: Ames, Iowa, May 12, 1918 (H. A. Scullen).
- Dolerus nocuus** MacGillivray
 Ins. Insc. Mens., Vol. XI, Nos 1-3, 1923, p. 34.
 Type.—♀: Mary's Peak, Oregon, May 19, 1912 (L. G. Gentner).
- Dolerus nominatus** MacGillivray
 Ins. Insc. Mens., Vol. XI, Nos 1-3, 1923, p. 34.
 Type.—♀: Oregon.
 MacGillivray in the original description of this species records the locality as "Oregon". The label on the specimen reads "? Oregon".
- Dolerus novellus** MacGillivray
 Can. Ent., Vol. LV, No. 3, March, 1923, p. 67.
 Type.—♀: Mary's Peak, Corvallis, Oregon, June 3, 1920 (Hardman).
 In fair condition. The abdomen, hind wings, hind legs are mounted on a card point.
- Dolerus novicius** MacGillivray
 Can. Ent., Vol. LV, No. 3, March, 1923, p. 67.
 Type.—♀: Hood River, Oregon, July 28, 1914 (Childs).
- Dolerus nugatorius** MacGillivray
 Can. Ent., Vol. LV, No. 3, March, 1923, p. 66.
 Type.—♀: Pee Dee, Oregon, July 4, 1905 (Vincent).
 Lectoallotype.—♂: Mary's Peak, Corvallis, Oregon, May 14 (A. L. Lovett).
 The lectoallotype was labeled by MacGillivray as a paratype.
- Dolerus numerosus** MacGillivray
 Can. Ent., Vol. LV, No. 3, March, 1923, p. 67.
 Type.—♀: Corvallis, Oregon, May 3, 1912 (H. S. Walters).
 Lectoallotype.—♂: Corvallis, Oregon, May 19, 1912 (H. S. Walters).
 The lectoallotype was labeled by MacGillivray as a paratype.
- Dolerus nummarius** MacGillivray
 Can. Ent., Vol. LV, No. 7, July, 1923, p. 159.

- Type.—♀: Edmonton, Alberta, Canada, June 3, 1916 (F. S. Carr).
 In the original description, due to a typographical error, the last sentence is incomplete. The specimen bears a label with the statement "near *tibialis* and *nervosus*", which is likely the information MacGillivray meant to give in the incomplete sentence.
- Dolerus nummatus** MacGillivray
 Can. Ent., Vol. LV, No. 7, July, 1923, p. 159.
 Type.—♀: Edmonton, Alberta, Canada, June 2, 1917 (F. S. Carr).
- Dolerus nundinus** MacGillivray
 Can. Ent., Vol. LV, No. 7, July, 1923, p. 159.
 Type.—♂: Edmonton, Alberta, Canada, June 6, 1917 (F. S. Carr).
- Dolerus nuntius** MacGillivray
 Can. Ent., Vol. LV, No. 7, July, 1923, p. 158.
 Type.—♀: Edmonton, Alberta, Canada, May 21, 1917 (F. S. Carr).
- Dolerus nutricius** MacGillivray
 Can. Ent., Vol. LV, No. 7, July, 1923, p. 159.
 Type.—♂: Edmonton, Alberta, Canada, June, 1917 (F. S. Carr).
- Dolerus nyctelius** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 163.
 Type.—♂: Kodiak, Alaska, June 10, 1917 (J. S. Hine).
- Dolerus parasericeus** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 125.
 Type.—♀: Ithaca, New York, June 17, 1897.
- Dolerus plesius** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 129.
 Type.—♀: Lake Forest, Illinois (J. G. Needham).
- Dolerus polysericeus** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 125.
 Type.—♀: May 11, 1895, Ithaca, New York.
- Dolerus refugus** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 127.
 Type.—♀: Ithaca, New York, May 1, 1895 (J. H. Comstock).
 In fair condition.
- Dolerus simulans** Rohwer
 Can. Ent., Vol. XLI, No. 1, January, 1909, p. 10.
 Paratype.—♀: Florissant, Colorado, July 21, 1907 (S. A. Rohwer).
- Dolerus stagnus** MacGillivray
 Can. Ent., Vol. XL, No. 4, April, 1908, p. 129.
 Type.—♀: Ithaca, New York, June 28, 1898.
- Dolerus tectus** MacGillivray
 Can. Ent., Vol. XLVI, No. 3, March, 1914, p. 104.
 Type.—♀: New Haven, Connecticut, May 4, 1904, on *Salix* (H. L. Viebeck).
 Paratype.—♂: New Haven, Connecticut, May 4, 1904, on *Salix* (H. L. Viebeck).
 The paratypic male, labeled by MacGillivray, is not as such specifically mentioned in the original description.
- Emphytus gemitus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 163.
 Type.—♀: Kodiak, Alaska, June 10, 1917 (J. S. Hine).
- Emphytus gillettei** MacGillivray
 Fifteenth Rep. Colo. Exp. Sta., 1902, p. 113.
 Type.—♀: Denver, Colorado, from strawberry, May 30, 1902 (S. A. Johnson).
- Emphytus halesus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 13.

- Type.—♀: Corvallis, Oregon, May 13 (Goding).
 Paratype.—♀: Corvallis, College Campus, Oregon, May 21, 1913 (Denny).
- Emphytus haliartus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 14.
 Type.—♀: Corvallis, College Campus, Oregon, May 29, 1917 (A. L. Lovett).
- Emphytus halitus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 14.
 Type.—♂: Freeport, Illinois, July 16, 1898 (J. G. Needham).
- Emphytus haustus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 14.
 Type.—♂: Grand Island, New York, June 9, 1908 (M. C. Van Duzee).
- Emphytus heroicus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 14.
 Type.—♀: Hamburg, New York, June 6, 1909 (M. C. Van Duzee).
- Emphytus hiatus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 15.
 Type.—♀: Ithaca, New York, May, 1911.
- Emphytus hiulcus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 15.
 Type.—♀: Colorado (C. F. Baker).
- Emphytus hospitus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 15.
 Type.—♀: Hampton, New Hampshire, May 20, 1904 (S. A. Shaw).
- Emphytus hyacinthus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 16.
 Type.—♀: Forest Hills, Massachusetts, May 18, 1917 (A. M. Wilcox).
 Allotype.—♂: Forest Hills, Massachusetts, May 18, 1917 (A. M. Wilcox).
- Emphytus yuasi** MacGillivray
 Psyche, Vol. XXVIII, No. 2, April, 1921, p. 31.
 Type.—♀: Ithaca, New York, May 28, 1919, reared (H. Yuasa, 171-1).
- Empria cadurca** MacGillivray
 Can. Ent., Vol. LV, No. 7, July, 1923, p. 158.
 Type.—♀: Edmonton, Alberta, Canada, June 2, 1917 (F. S. Carr).
 Lectoallotype.—♂: Edmonton, Alberta, Canada, June 2, 1917 (F. S. Carr).
 Paratype.—♂: Edmonton, Alberta, Canada, June 2, 1917 (F. S. Carr).
- Empria caeca** MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 308.
 Type.—♀: Ithaca, New York.
 In fair condition.
- Empria caetrata** MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 305.
 Type.—♀: Ames, Iowa, April 21, 1896 (E. D. Ball).
- Empria calda** MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 307.
 Type.—♀: Durham, New Hampshire, June, 1904 (J. C. Bridwell).
- Empria callida** MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 306.
 Type.—♀: Ithaca, New York, June 9, 1906.
- Empria callosa** MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 305.
 Type.—♀: Ithaca (Slaterville-Caroline), New York, June 14, 1904.
- Empria candidula** MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 310.
 Type.—♀: Ithaca, New York, May 25, 1895.

- Empria canora* MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 310.
 Type.—♀: Sherborn, Massachusetts, May 30, 1895 (A. P. Morse).
- Empria capillata* MacGillivray
 Can. Ent., Vol. XLIII, No. 10, October, 1911, p. 341.
 Type.—♀: Peck, Idaho, April 8, 1900 (J. M. Aldrich).
- Empria caprina* MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 307.
 Type.—♀: Ithaca, New York, May 22, 1898.
 Male also described in original description, but no male so labeled found in collection.
- Empria captiosa* MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 303.
 Type.—♀: Ames, Iowa, May 6, (E. D. Ball).
- Empria carbasea* MacGillivray
 Can. Ent., Vol. XLIII, No. 10, October, 1911, p. 341.
 Type.—♀: Olympia, Washington, April 15, 1896 (T. Kincaid).
- Empria cariosa* MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 309.
 Type.—♀: Slaterville-Caroline, New York, June 14, 1904.
- Empria casca* MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 310.
 Type.—♂: New Haven, Connecticut, May 24, 1905 (W. E. Britton).
- Empria casta* MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 308.
 Type.—♀: Salineville, Ohio.
 Male also listed in original description, but no male so labeled found in collection.
- Empria castigata* MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 309.
 Type.—♀: Battle Creek, Michigan (J. M. Aldrich).
- Empria cata* MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 307.
 Type.—♂: Mount Washington, New Hampshire (W. F. Fisk).
- Empria cauduca* MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 309.
 Type.—♀: Ithaca, New York, May 5, 1895.
- Empria cauta* MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 311.
 Type.—♀: Ithaca, New York, June 17, 1897.
- Empria cava* MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 306.
 Type.—♀: Lancaster, New York, May 31, 1908 (M. C. Van Duzee).
- Empria cavata* MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 305.
 Type.—♀: Oswego, New York, May 27, 1896 (C. S. Sheldon).
- Empria celebrata* MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 308.
 Type.—♀: Buffalo, New York, June 5, 1897 (E. P. Van Duzee).
- Empria celsa* MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 306.
 Type.—♀: Ithaca, New York, May 10, 1896.
- Empria cerina* MacGillivray
 Psyche, Vol. XXVIII, No. 2, April, 1921, p. 34.
 Type.—♀: Ithaca, New York, May 26, 1919, reared (H. Yuasa, 107-5-2).
 Paratype.—♂: Ithaca, New York, May 26, 1919 reared (H. Yuasa, 107-3).

The male labeled by MacGillivray as a paratype is mentioned in the original description only by number "107-3", and is therefore not selected as a lectoallotype.

- Empria ceteria** MacGillivray
 Psyche, Vol. XXVIII, No. 2, April, 1921, p. 33.
 Type.—♀: Ithaca, New York, July 14, 1918, reared (H. Yuasa, 119-1-2).
 Paratype.—♀: Ithaca, New York, July 14, 1918, reared (H. Yuasa, 119-1-2).
- Empria cirrha** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 16.
 Type.—♀: Mary's Peak, Oregon, May 30 (Ballard).
 In fair condition.
- Empria cista** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 16.
 Type.—♀: Corvallis, Oregon, April 18, (Peterson).
- Empria cistula** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 16.
 Type.—♀: Mary's River, Oregon, April 20 (Glenis).
- Empria cithara** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 17.
 Type.—♀: Mary's Peak, Oregon, May 19, 1912 (L. G. Gentner).
- Empria columna** MacGillivray
 Bull. Brooklyn Ent. Soc., Vol. XVIII, No. 2, May, 1923, p. 54.
 Type.—♀: Ira, Summit County, Ohio (J. S. Hine).
- Empria conciliata** MacGillivray
 Can. Ent., Vol. XLIII, No. 10, October, 1911, p. 344.
 Type.—♀: Chimney Gulch, Colorado, April 22, 1899 (E. J. Osler).
- Empria concisa** MacGillivray
 Can. Ent., Vol. XLIII, No. 10, October, 1911, p. 346.
 Type.—♀: Pullman, Washington (C. V. Piper, No. 13).
- Empria concitata** MacGillivray
 Can. Ent., Vol. XLIII, No. 10, October, 1911, p. 342.
 Type.—♂: Olympia, Washington, May 7, 1893 (T. Kincaid).
 Originally described by MacGillivray as the male of *Monostegia kincaidii* MacGillivray, but transferred to the genus *Empria* Lepeletier and given the specific name of *concitata* in 1911.
- Empria concreta** MacGillivray
 Can. Ent., Vol. XLIII, No. 10, October, 1911, p. 344.
 Type.—♀: Colorado (C. F. Baker).
- Empria condensa** MacGillivray
 Can. Ent., Vol. XLIII, No. 10, October, 1911, p. 342.
 Type.—♀: Polk County, Wisconsin, July (C. F. Baker, No. 6498).
 In fair condition.
- Empria condita** MacGillivray
 Can. Ent., Vol. XLIII, No. 10, October, 1911, p. 342.
 Type.—♀: Colorado (C. F. Baker).
- Empria conferta** MacGillivray
 Can. Ent., Vol. XLIII, No. 10, October, 1911, p. 344.
 Type.—♀: Colorado (C. F. Baker).
- Empria confirmata** MacGillivray
 Can. Ent., Vol. XLIII, No. 10, October, 1911, p. 341.
 Type.—♀: Olympia, Washington, April 17, 1892, catkin of *Salix flavescens* (T. Kincaid).
 Originally included by MacGillivray in the type series of *Monostegia kincaidii* MacGillivray, but transferred to the genus *Empria* Lepeletier and given the specific name of *confirmata* in 1911.

- Empria contexta*** MacGillivray
 Can. Ent., Vol. XLIII, No. 10, October, 1911, p. 345.
 Type.—♀: Colorado (C. F. Baker).
- Empria contorta*** MacGillivray
 Can. Ent., Vol. XLIII, No. 10, October, 1911, p. 343.
 Type.—♀: Chimney Gulch, Colorado, April 23, 1899 (E. J. Osler).
- Empria costata*** MacGillivray
 Can. Ent., Vol. XLVI, No. 3, March, 1914, p. 103.
 Type.—♀: New Haven, Connecticut, May 11, 1911 (B. H. Walden).
- Empria culpata*** MacGillivray
 Can. Ent., Vol. XLIII, No. 10, October, 1911, p. 343.
 Type.—♀: Olympia, Washington, May 8, 1894 (T. Kincaid).
- Empria cumulata*** MacGillivray
 Can. Ent., Vol. XLIII, No. 10, October, 1911, p. 343.
 Type.—♀: Olympia, Washington, May 23, 1892 (T. Kincaid).
- Empria cuneata*** MacGillivray
 Can. Ent., Vol. XLIII, No. 10, October, 1911, p. 345.
 Type.—♀: Olympia, Washington, May 21, 1891 (T. Kincaid).
- Empria cupida*** MacGillivray
 Can. Ent., Vol. XLIII, No. 10, October, 1911, p. 346.
 Type.—♀: Olympia, Washington, June 13, 1894 (T. Kincaid).
- Empria curata*** MacGillivray
 Can. Ent., Vol. XLIII, No. 10, October, 1911, p. 345.
 Type.—♀: Olympia, Washington, June 17, 1894 (T. Kincaid).
- Empria evecta*** MacGillivray
 Can. Ent., Vol. XLIII, No. 9, September, 1911, p. 310.
 Type.—♀: Sandy Hook, New Jersey.
- Empria fragariae*** Rohwer
 Journ. Ec. Ent., Vol. VII, No. 6, December, 1914, p. 479.
 Paratypes.—♀: Storm Lake, Iowa, May 2, 1912 (R. L. Webster); Ames
 Iowa, April 16, 1913 (R. L. Webster).
- Euura bakeri*** Rohwer
 Can. Ent., Vol. XLII, No. 2, February, 1910, p. 51.
 Paratypes.—♀ and ♂: Mountains near Claremont, California (C. F.
 Baker).
- Euura brachycarpae*** Rohwer
 Can. Ent., Vol. XL, No. 6, June, 1908, p. 176.
 Paratypes.—♀ and ♂: Florissant, Colorado, July 7, 1907 (S. A. Rohwer).
- Euura maculata*** MacGillivray
 Can. Ent., Vol. XLVI, No. 10, October, 1914, p. 366.
 Type.—♀: Columbus, Ohio, No. 169 (J. S. Hine).
- Euura minuta*** MacGillivray
 Can. Ent., Vol. XLVI, No. 10, October, 1914, p. 366.
 Type.—♀: Ames, Iowa (E. D. Ball).
- Euura moenia*** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 17.
 Type.—♀: Corvallis, Oregon, 1910.
 Paratypes.—♂ and ♀: Corvallis, Oregon, 1910.
 The male is not specifically mentioned in the original description but
 was labeled as a paratype by MacGillivray.
- Hemitaxonus dediticius*** MacGillivray
 Psyche, Vol. XXX, No. 2, April, 1923, p. 77.
 Type.—♂: Corvallis, Oregon (G. F. Moznette).
- Hoplocampa padusa*** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 17.
 Type.—♂: Corvallis, Oregon (A. L. Lovett).
 Paratypes.—♂: Corvallis, Oregon (A. L. Lovett).

Hoplocampa pallipes MacGillivray

Can. Ent., Vol. XXV, No. 10, October, 1893, p. 239.

Cotype.—♀: Skokomish River, Washington, on *Amelanchier*, May 8, 1892 (T. Kincaid).**Hylotoma onerosa** MacGillivray

Psyche, Vol. XXX, No. 2, April, 1923, p. 80.

Type.—♀: Moscow, Idaho (J. M. Aldrich).

Lectoallotype.—♂: Okanogan County, Washington, July 16, 1896 (C. W. Sutton).

Paratype.—♀: Revelstoke, British Columbia, July 14, 1912 (R. C. Osburn). The lectoallotype was labeled by MacGillivray as a paratype.

Hylotoma sparta MacGillivray

Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 18.

Type.—♀: Olympia, Washington, June 4, 1894 (T. Kincaid).

Lectoallotype.—♂: Corvallis, Oregon (A. L. Lovett).

Paratype.—♀: No data.

The lectoallotype was labeled by MacGillivray as a paratype.

Hylotoma spiculata MacGillivray

Can. Ent., Vol. XXXIX, No. 9, September, 1907, p. 308.

Type.—♀: Oak Creek Canyon, Arizona, 6000 feet elevation, August (F. H. Snow).

One antenna is missing.

Hypargyricus infuscatus MacGillivray

Can. Ent., Vol. XL, No. 8, August, 1908, p. 290.

Type.—♀: Ithaca, New York.

The genotype of *Hypargyricus* MacGillivray (original designation).**Hypolaepus viereckii** Bradley

Can. Ent., Vol. XXXV, No. 2, February, 1903, p. 47.

Paratypes.—♀: Westville, New Jersey, September 12, 1897.

Isiodyctium (sic) atratum MacGillivray

Can. Ent., Vol. XL, No. 8, August, 1908, p. 290.

Type.—♀: Ames, Iowa, May 10, 1897 (E. D. Ball).

The generic name should have been *Isodyctium* Ashmead, which is now considered as a synonym of *Perictista* Konow.**Leucopelmonus annulatus** MacGillivray

State Geol. Nat. Hist. Surv. Conn., Bull. 22, December 1, 1916, p. 83.

Type.—♀: Franconia, New Hampshire (A. T. Slosson).

The genotype of *Leucopelmonus* MacGillivray (monobasic). This species has subsequently been sunk as a synonym of *Leucopelmonus confusus* (Norton) by MacGillivray (1919).**Loderus accuratus** MacGillivray

Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 19.

Type.—♀: Orono, Maine, June 13, 1912.

Loderus acerbus MacGillivray

Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 19.

Type.—♀: Orono, Maine, June 23, 1913.

Loderus acidus MacGillivray

Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 20.

Type.—♀: Orono, Maine, June 12, 1913.

Loderus acriculus MacGillivray

Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 20.

Type.—♀: Orono, Maine, August 6, 1913.

Paratype.—♀: Orono, Maine, July 7, 1913.

Loderus alticinctus MacGillivray

Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 20.

Type.—♀: Orono, Maine, June 30, 1913.

- Loderus ancisus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 21.
 Type.—♀: Orono, Maine, June 12, 1913.
 Paratype.—♀: Orono, Maine, June 12, 1913.
- Loderus nigra** Rohwer
 Can. Ent., Vol. XLII, No. 2, February, 1910, p. 49.
 Cotype.—♂: Mountains near Claremont, California (C. F. Baker).
- Macremphytus bicornis** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 21.
 Type.—♀: Wellesley, Massachusetts, June 1, 1917 (A. M. Wilcox).
- Macremphytus lovetti** MacGillivray
 Psyche, Vol. XXX, No. 2, April, 1923, p. 77.
 Type.—♀: Rock Creek, Corvallis, Oregon, July 14, (A. L. Lovett).
- Macrophya bellula** MacGillivray
 Bull. Brooklyn Ent. Soc., Vol. XVIII, No. 2, April, 1923, p. 55.
 Type.—♀: Greenwood Lake, New Jersey, June 10, 1917 (F. M. Schott).
- Macrophya bilineata** MacGillivray*
 State Geol. Nat. Hist. Surv. Conn., Bull. 22, 1916, p. 96.
 Type.—♀: Algonquin, Illinois, May 29, 1895 (W. A. Nason).
 Paratype.—♀: Algonquin, Illinois, June 12, 1894 (W. A. Nason).
 Labeled by MacGillivray in collection as type and paratype.
- Macrophya confusa** MacGillivray
 Can. Ent., Vol. XLVI, No. 4, April, 1914, p. 139.
 Type.—♀: Pennsylvania, 1572 (C. F. Baker).
- Macrophya fistula** MacGillivray
 Bull. Brooklyn Ent. Soc., Vol. XV, No. 4, October, 1920, p. 114.
 Type.—♀: Ithaca, New York, bred, May 27, 1918, 59-4-1 (H. Yuasa).
 Paratype.—♀: Ithaca, New York, bred, May 24, 1918, No. 59-4-1 (H. Yuasa).
- Macrophya flaccida** MacGillivray
 Bull. Brooklyn Ent. Soc., Vol. XV, No. 4, October, 1920, p. 113.
 Type.—♀: Ithaca, New York, bred, May 14, 1918, No. 11-1 (H. Yuasa).
- Macrophya ficta** MacGillivray
 Bull. Brooklyn Ent. Soc., Vol. XV, No. 4, October, 1920, p. 114.
 Type.—♀: Ithaca, New York, bred, May 13, 1919, No. 123-3-C-1 (H. Yuasa).
- Macrophya magnifica** MacGillivray
 Can. Ent., Vol. XXV, No. 10, October, 1893, p. 240.
 Type.—♀: Olympia, Washington, June 4, 1892 (T. Kincaid).
 Paratype.—♀: Olympia, Washington, June 4, 1892 (T. Kincaid).
 Subsequently transferred to the genus *Tenthredo* Linnaeus by MacGillivray.
- Macrophya melanopleura** MacGillivray
 Can. Ent., Vol. XLVI, No. 4, April, 1914, p. 139.
 Type.—♀: Hatch Experiment Station, Amherst, Massachusetts, July 29, 1895.
- Macrophya minuta** MacGillivray
 Can. Ent., Vol. XXVII, No. 10, October, 1895, p. 286.
 Type.—♂: Plattsburg, New York, June 8, 1894 (H. G. Dyar).
- Macrophya mixta** MacGillivray
 Can. Ent., Vol. XXVII, No. 3, March, 1895, p. 77.
 Type.—♀: Mount Washington, New Hampshire (A. T. Slosson).
- Macrophya nidonea** MacGillivray
 Can. Ent., Vol. XXVII, No. 3, March, 1895, p. 77.
 Type.—♂: Franconia, New Hampshire (A. T. Slosson).

* These cannot be types. Type probably in collection of the Connecticut Agricultural Experiment Station and should be labeled Milldale, Connecticut, May 21, 1906, W. E. Britton.
 S. A. ROHWER.

- Macrophya obaerata** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 21.
 Type.—♀: Corvallis, Oregon (Finch).
- Macrophya obnata** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 22.
 Type.—♀: Mary's Peak, Corvallis, Oregon, May 14 (A. L. Lovett).
- Macrophya obrussa** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 22.
 Type.—♂: Mary's River, Corvallis, Oregon, May 20 (Hurst).
 Paratype.—♂: Corvallis, Oregon, College campus, May 21 (Gooding).
- Macrophya ornata** MacGillivray
 Can. Ent., Vol. XLVI, No. 4, April, 1914, p. 139.
 Type.—♀: Ithaca, New York, May 29, 1896.
- Macrophya pleuricinctella** Rohwer
 Can. Ent., Vol. XLI, No. 9, September, 1909, p. 332.
 Cotypes.—♀: Stanford University, California (C. F. Baker); Claremont, California (C. F. Baker).
- Macrophya pulchella alba** MacGillivray
 Can. Ent., Vol. XXVII, No. 10, October, 1895, p. 285.
 Type.—♀: Philadelphia, Pennsylvania.
 Paratype.—♂: Ithaca, New York, May 16, 1894.
 No mention is specifically made of a paratypic male in the original description. Raised to specific rank by Rohwer in 1912 and this assignment followed by MacGillivray in 1916.
- Macrophya punctata** MacGillivray
 Can. Ent., Vol. XXVII, No. 10, October, 1895, p. 285.
 Type.—♀: Plattsburg, New York, June 14, 1894 (H. G. Dyar).
- Macrophya truncata** Rohwer
 Can. Ent., Vol. XLI, No. 9, September, 1909, p. 331.
 Cotypes.—♀ and ♂: Claremont, California (C. F. Baker).
- Messa alsia** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 22.
 Type.—♀: Ithaca, New York, May 16, 1897.
- Messa alumna** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 23.
 Type.—♀: Northern Illinois.
- Messa amica** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 23.
 Type.—♀: North Evans, New York, August 2, 1908 (M. C. Van Duzee).
- Messa anita** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 23.
 Type.—♀: Wisconsin.
 One antenna is missing.
- Messa appota** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 24.
 Type.—♂: Buffalo, New York, June 27, 1908 (M. C. Van Duzee).
 One antenna is missing.
- Metallius bethunei** MacGillivray
 Can. Ent., Vol. XLVI, No. 10, October, 1914, p. 366.
 Type.—♀: Jordan Harbour, Ontario, Canada, bred from leaf-mining larva on blackberry, July 5, 1910 (L. Caesar).
 Lectoallotype.—♂: Saint Kits, Ontario, Canada, bred from leaf-mining larva on blackberry, August 12, 1911 (L. Caesar).
 Paratypes.—♀ and ♂: Saint Kits, Ontario, Canada, bred from leaf-mining larvae on blackberry, August 12, 1911 (L. Caesar).

- Metallus rohweri** MacGillivray
Ann. Ent. Soc. Amer., Vol. II, No. 4, December, 1909, p. 267.
Type.—♀: Block Island, Rhode Island, August 28, 1891 (A. P. Morse).
- Mogerus emarginatus** MacGillivray
Can. Ent., Vol. XXVII, No. 10, October, 1895, p. 281.
Type.—♂: Boston, Massachusetts.
Now assigned to the genus *Periclista* Konow.
- Monoctenus juniperinus** MacGillivray
Can. Ent., Vol. XXVI, No. 11, November, 1894, p. 328.
Type.—♀: Ithaca, New York, June 9, 1894 (R. L. Junghans).
- Monophadnoides circinus** MacGillivray
Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 24.
Type.—♂: Olympia, Washington, May 3, 1897 (T. Kincaid).
- Monophadnoides collaris** MacGillivray
Can. Ent., Vol. XL, No. 8, August, 1908, p. 295.
Type.—♀: Ithaca, New York, June 30, 1885 (G. F. Atkinson).
Lectoallotype.—♂: Ithaca, New York, May 22, 1898.
The lectoallotype was labeled by MacGillivray as a paratype.
- Monophadnoides concessus** MacGillivray
Can. Ent., Vol. XL, No. 8, August, 1908, p. 294.
Type.—♀: Ithaca, New York, May 27, 1897.
- Monophadnoides conductus** MacGillivray
Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 24.
Type.—♀: Santa Clara County, California, May, 1902 (Coleman).
Paratype.—♀: Santa Clara County, California, May, 1902 (Coleman).
- Monophadnoides consobrinus** MacGillivray
Can. Ent., Vol. XL, No. 8, August, 1908, p. 294.
Type.—♀: Durham, New Hampshire (W. and F.).
- Monophadnoides consonus** MacGillivray
Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 25.
Type.—♀: Olympia, Washington, April 17, 1896 (T. Kincaid).
- Monophadnoides conspersus** MacGillivray
Can. Ent., Vol. XL, No. 8, August, 1908, p. 294.
Type.—♀: Ithaca, New York, May 24, 1898.
- Monophadnoides conspiculata** MacGillivray
Can. Ent., Vol. XL, No. 8, August, 1908, p. 293.
Type.—♀: Ithaca, New York, May.
- Monophadnoides conspicuus** MacGillivray
Can. Ent., Vol. XL, No. 8, August, 1908, p. 293.
Type.—♀: Mc Lean, New York, May 31, 1897.
The locality is erroneously given in the original description as "Mc Lean, Mass."
- Monophadnoides constitutus** MacGillivray
Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 25.
Type.—♀: Ottawa, Quebec, Canada, May, 1912 (Germain).
- Monophadnoides contortus** MacGillivray
Psyche, Vol. XXX, No. 2, April, 1923, p. 78.
Type.—♀: Corvallis, Oregon, May 7 (Ballard).
- Monophadnoides coracinus** MacGillivray
Can. Ent., Vol. XL, No. 8, August, 1908, p. 295.
Type.—♂: Wellesley, Massachusetts, May 27, 1891 (A. P. Morse).
- Monophadnoides cordatus** MacGillivray
Can. Ent., Vol. XL, No. 8, August, 1908, p. 294.
Type.—♀: Illinois, 950 (W. A. Nason).
- Monophadnoides corytus** MacGillivray
Psyche, Vol. XXX, No. 2, April, 1923, p. 79.
Type.—♂: Corvallis, Oregon, April 13 (A. L. Lovett).

- Monophadnoides costalis** MacGillivray
 Can. Ent., Vol. XL, No. 8, August, 1908, p. 295.
 Type.—♀: Wellesley, Massachusetts, June 8, 1891 (A. P. Morse).
 Most of the antennal segments are missing.
- Monophadnoides crassus** MacGillivray
 Can. Ent., Vol. XL, No. 8, August, 1908, p. 294.
 Type.—♀: Durham, New Hampshire (W. and F.).
- Monophadnoides curiosus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 25.
 Type.—♀: Olympia, Washington, May 15, 1897 (T. Kincaid).
 Paratype.—♀: Olympia, Washington, May 18, 1896 (T. Kincaid).
- Monophadnoides kincaidi** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 26.
 Type.—♀: Olympia, Washington, April 7, 1895 (T. Kincaid).
- Monophadnoides shawi** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 26.
 Type.—♀: Hampton, New Hampshire, May 15, 1904 (S. A. Shaw).
 Lectoallotype.—♂: Hampton, New Hampshire, May 20, 1898 (S. A. Shaw).
- Monophadnus aequalis** MacGillivray
 Can. Ent., Vol. XL, No. 8, August, 1908, p. 292.
 Type.—♀: Ithaca, New York, May 3, 1896.
- Monophadnus aeratus** MacGillivray
 Psyche, Vol. XXX, No. 2, April, 1923, p. 79.
 Type.—♂: Corvallis, Oregon, April 13 (Gooding).
- Monophadnus assaracus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 26.
 Type.—♂: Rock Creek, Oregon, March 19.
- Monophadnus atracornus** MacGillivray
 Can. Ent., Vol. XXV, No. 10, October, 1893, p. 239.
 Type.—♀: Olympia, Washington, April 30, 1890 (T. Kincaid).
- Monophadnus bipunctatus** MacGillivray
 Can. Ent., Vol. XL, No. 8, August, 1908, p. 292.
 Type.—♀: Ithaca, New York, May 9, 1895.
- Monophadnus distinctus** MacGillivray
 Can. Ent., Vol. XL, No. 8, August, 1908, p. 291.
 Type.—♀: Lake Forest, Illinois (J. G. Needham).
- Monophadnus minutus** MacGillivray
 Can. Ent., Vol. XL, No. 8, August, 1908, p. 291.
 Type.—♀: Milwaukee, Wisconsin, June 4, 1902 (C. E. B.).
- Monophadnus planus** MacGillivray
 Bull. Brooklyn Ent. Soc., Vol. XVI, No. 1, February, 1921, p. 23
 Type.—♂: Franconia, New Hampshire (A. T. Slosson).
- Monophadnus plicatus** MacGillivray
 Can. Ent., Vol. XL, No. 8, August, 1908, p. 292.
 Type.—♀: Ames, Iowa (E. D. Ball).
 Lectoallotype.—♂: Ames, Iowa (E. D. Ball).
 The lectoallotype was labeled by MacGillivray as a paratype.
- Monophadnus ruscullus** MacGillivray
 Psyche, Vol. XXX, No. 2, April, 1923, p. 80.
 Type.—♂: Mary's Peak, Corvallis, Oregon (Middlekauff).
- Monophadnus transversus** MacGillivray
 Can. Ent., Vol. XL, No. 8, August, 1908, p. 292.
 Type.—♀: Michigan.
- Monostegia kincaidii** MacGillivray
 Can. Ent., Vol. XXV, No. 10, October, 1893, p. 239.
 Type.—♀: Olympia, Washington, May 7, 1893 (T. Kincaid).

Subsequently transferred to the genus *Empria* Lepeletier. MacGillivray in 1911 considered that his description of this species in 1893 applied to a "composite of several species" and the types of *Empria confirmata* MacGillivray and *Empria concitata* MacGillivray were originally labeled as paratypes of *kincaidii* MacGillivray.

Monostegia martini MacGillivray

Can. Ent., Vol. XL, No. 10, October, 1908, p. 366.

Type.—♀: Westfield, Massachusetts, May 14, 1899 (J. O. Martin).

Neocharactus bakeri MacGillivray

Can. Ent., Vol. XL, No. 8, August, 1908, p. 293.

Type.—♂: Santa Clara County, California (C. F. Baker).

The genotype of *Neocharactus* MacGillivray (original description and monobasic).

Neopareophora martini MacGillivray

Can. Ent., Vol. XL, No. 8, August, 1908, p. 289.

Type.—♀: West Springfield, Massachusetts, May 7, 1888 (J. O. Martin).

The genotype of *Neoparcophora* MacGillivray (original designation). The antennae are missing.

Neopareophora scelestia MacGillivray

Can. Ent., Vol. XL, No. 8, August, 1908, p. 289.

Type.—♀: Black Mountains, North Carolina, June (W. Beutenmüller).

Paratype.—♀: Black Mountains, North Carolina, June (W. Beutenmüller).

Neotomostethus hyalinus MacGillivray

Can. Ent., Vol. XL, No. 8, August, 1908, p. 290.

Type.—♀: Mc Lean County, New York, May 31, 1898.

The genotype of *Neotomostethus* MacGillivray (original designation and monobasic).

Pachynematus absyrtus MacGillivray

Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 27.

Type.—♀: Mary's Peak, Corvallis, Oregon, May 23 (Zwicker).

Pachynematus academus MacGillivray

Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 27.

Type.—♀: Corvallis, Oregon, September 26, 1906 (Farrell).

Pachynematus allegatus MacGillivray

Can. Ent., Vol. LV, No. 7, July, 1923, p. 162.

Type.—♀: Edmonton, Alberta, Canada, May 13, 1915 (F. S. Carr).

Pachynematus corticosus MacGillivray

N. Y. Sta. Mus., Bull. 47, September, 1901, p. 584.

Type.—♀: Saranac Inn, New York, sweeping, August 4, 1901.

Pachynematus rarus MacGillivray

Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 30.

Type.—♀: Orono, Maine, August 19, 1913, Sub. 229.

Paratype.—♀: Orono, Maine, August 19, 1913, Sub. 229.

Pachynematus refractarius MacGillivray

Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 31.

Type.—♀: Orono, Maine, September 9, 1913, Sub. 252.

Pachynematus remissus MacGillivray

Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 32.

Type.—♀: Ithaca, New York, bred, June 9, 1918, No. 150-3 (H. Yuasa).

Paratypes.—♀: Ithaca, New York, bred, July 4-9, 1918, Nos. 150-1 and 150-1 (H. Yuasa).

Pachynematus repertus MacGillivray

Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 31.

Type.—♀: Ithaca, New York, bred, July 16, 1918, No. 177-1-2 (H. Yuasa).

Pachynematus roscidus MacGillivray

Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 31.

- Type.—♀: Adirondack Mountains, New York, August 15 (C. O. Houghton).
 Paratype.—♀: Orono, Maine, August 9, 1913, Sub. 227.
 The antennae of the type and the abdomen of the paratype are missing.
- Pachynematus rufocinctus** MacGillivray
 State Geol. Nat. Hist. Surv. Conn., Bull. 22, 1916, p. 117.
 Type.—♀: Orange, Connecticut, May 21, 1911 (A. B. Champlain).
 Lectoallotype.—♂: New Haven, Connecticut, May 15, 1911 (A. B. Champlain).
 Paratype.—♀: New Haven, Connecticut, May 15, 1911 (A. B. Champlain).
- Pachynematus venustus** MacGillivray
 Proc. Calif. Acad. Sc., Vol. XI, No. 14 (4th Series), November 2, 1921, p. 190.
 Paratypes.—♀ and ♂: St. George Island, Alaska, June 30, 1920 (G. D. Hanna).
- Pachynematus vernus** MacGillivray
 Proc. Calif. Acad. Sc., Vol. XI, No. 14 (4th Series), November 2, 1921, p. 191.
 Paratypes.—♂: St. George Island, Alaska, June 30, 1920 (G. D. Hanna).
- Parabates histrionicus** MacGillivray
 Ann. Ent. Soc. Amer., Vol. II, No. 4, December, 1909, p. 263.
 Type.—♀: Olympia, Washington, July 9, 1892 (T. Kincaid).
 The left pair of wings are missing. The genotype of *Parabates* MacGillivray (original designation).
- Paracharactus obscuratus** MacGillivray
 Can. Ent., Vol. XL, No. 8, August, 1908, p. 293.
 Type.—♀: West Springfield, Massachusetts (J. O. Martin).
 Lectoallotype.—♂: Ithaca, New York, May 16, 1897.
 The genotype of *Paracharactus* MacGillivray (monobasic and original designation). The lectoallotype was labeled by MacGillivray as a paratype.
- Paracharactus obtentus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 28.
 Type.—♀: Corvallis, Oregon, May 5, 1901.
- Paracharactus obversus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 28.
 Type.—♀: Corvallis, Oregon, May 10, 1912 (H. S. Walters).
- Paracharactus offensus** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 28.
 Type.—♀: Rock Creek, Oregon, March 19.
- Pareophora aldrichi** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 28.
 Type.—♀: Peck, Idaho, on Solomon's Seal, April 8, 1900 (J. M. Aldrich).
 Lectoallotype.—♂: Peck, Idaho, on Solomon's Seal, April 8, 1900 (J. M. Aldrich).
 Paratypes.—♀: Peck, Idaho, on Solomon's Seal, April 8, 1900 (J. M. Aldrich).
- Pareophora guana** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 28.
 Type.—♂: Algonquin, Illinois (W. A. Nason).
- Pareophora guara** MacGillivray
 Bull. Brooklyn Ent. Soc., Vol. XVIII, No. 2, April, 1923, p. 54.
 Type.—♀: Marion County, Arkansas, May 2, 1897 (T. M. McE.).
- Periclista confusa** MacGillivray
 Can. Ent., Vol. XL, No. 8, August, 1908, p. 291.
 Type.—♀: Ithaca, New York, April 26, 1892.
- Periclista electa** MacGillivray
 Psyche, Vol. XXX, No. 2, April, 1923, p. 80.
 Type.—♂: Corvallis, Oregon, oak twig, April 13, 1908.
 The antennae are missing.

- Periclista entella** MacGillivray
Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 29.
Type.—♂: Corvallis, Oregon, campus, April 18 (Peterson).
- Periclista leucostoma** Rohwer
Can. Ent., Vol. XLI, No. 11, November, 1909, p. 397.
Cotypes.—♀ and ♂: Claremont, California (C. F. Baker).
- Periclista occidentalis** Rohwer
Can. Ent., Vol. XLI, No. 11, November, 1909, p. 398.
Cotype.—♀: Claremont, California (C. F. Baker).
- Periclista patchi** MacGillivray
Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 29.
Type.—♀: Orono, Maine, July 13, 1905.
- Perineura kincaidia** MacGillivray
Can. Ent., Vol. XXVII, No. 1, January, 1895, p. 7.
Type.—♀: Olympia, Washington, May 28, 1893 (T. Kincaid).
- Perineura turbata** Rohwer
Proc. U. S. N. M., Vol. 41, October 14, 1911, p. 408.
Paratypes.—♂ and ♀: North Fork of Swannanoa River, Black Mountains, North Carolina, May (N. Banks).
This species has been subsequently sunk as a synonym of *Leucopclmonus confusus* (Norton) by MacGillivray (1919).
- Phlebotrophia mathesoni** MacGillivray
Can. Ent., Vol. XLI, No. 10, October, 1909, p. 345.
Type.—♀: New Glasgow, Nova Scotia, reared from larvae in leaf-mines on birch (R. Matheson).
Paratypes.—♀: New Glasgow, Nova Scotia, reared from larvae in leaf-mines on birch (R. Matheson).
The genotype of *Phlebotrophia* MacGillivray (original designation).
- Phrontosoma atrum** MacGillivray
Can. Ent., Vol. XL, No. 10, October, 1908, p. 367.
Type.—♂: Ames, Iowa, May 11, 1897 (E. D. Ball).
The genotype of *Phrontosoma* MacGillivray (original description).
- Phrontosoma collaris** MacGillivray
Can. Ent., Vol. XL, No. 10, October, 1908, p. 367.
Type.—♀: Ames, Iowa, May 11, 1897 (E. D. Ball).
- Phrontosoma daeckei** MacGillivray
Can. Ent., Vol. XL, No. 10, October, 1908, p. 367.
Type.—♀: Glenside, Mtg. County, Pennsylvania (E. Daecke).
- Platycampus victoria** MacGillivray
Can. Ent., Vol. LII, No. 3, March, 1920, p. 61.
Paratypes.—♀: Victoria, British Columbia, May 29-June 26, 1918, bred from larvae on Lombardy poplar (W. Downes). Recently sunk as a synonym of the European *Trichiocampus viminalis* Fall.
- Platycampus vierecki** MacGillivray
Can. Ent., Vol. LII, No. 3, March, 1920, p. 60.
Type.—♀: Clouderoft, New Mexico, June 18, 1902 (H. L. Viereck).
- Poecilostoma convexa** MacGillivray
Can. Ent., Vol. XLI, No. 11, November, 1909, p. 402.
Type.—♀: New Brunswick, New Jersey (J. B. Smith).
Transferred to the genus *Empria* Lepelletier by MacGillivray in 1916.
- Polybates slossonae** MacGillivray
Ann. Ent. Soc. Amer., Vol. II, No. 4, December, 1909, p. 265.
Type.—♀: Franconia, New Hampshire (A. T. Slosson).
One antenna is missing. The genotype of *Polybates* MacGillivray (original designation and monobasic).
- Pontania atrata** MacGillivray
Rep. Can. Arctic Exped., 1913-1918, Vol. 3G, November, 1919, p. 6G.

- Paratype.—♂: Herschel Island, Yukon Territory, Canada, bred from *Salix arctica*, July, 1915 (F. Johansen).
- Pontania daedala** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 33.
 Type.—♀: Ithaca, New York, bred, August 21, 1917, No. 7-6 (H. Yuasa).
 Paratype.—♀: Ithaca, New York, bred, August 21, 1917, No. 7-6 (H. Yuasa).
- Pontania decrepita** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 33.
 Type.—♀: Ithaca, New York, bred, July 21, 1917, No. 35-2-5 (H. Yuasa).
- Pontania dedecora** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 32.
 Type.—♀: Ithaca, New York, bred, May 24, 1919, No. 185a-2.
 Paratype.—♀: Ithaca, New York, bred, May 7, 1919, No. 8-51 (?)-1-1 (H. Yuasa).
- Pontania demissa** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 33.
 Type.—♀: Ithaca, New York, bred, May 13, 1919, No. 191-1-1 (H. Yuasa).
 Paratype.—♀: Ithaca, New York, bred, May 13, 1919, No. 191-1-1 (H. Yuasa).
- Pontania derosa** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 34.
 Type.—♀: Ithaca, New York, bred, May 13, 1919, No. 142-1-1 (H. Yuasa).
- Pontania dstricta** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 168.
 Type.—♀: Katmai, Alaska, June, 1917 (J. S. Hine).
- Pontania devincta** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 34.
 Type.—♀: Orono, Maine, August 1, 1913, Sub. 9.
 Lectoallotype.—♂: Orono, Maine, Sub. 226.
 The lectoallotype was labeled by MacGillivray as a paratype.
- Pontania dotata** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXIX, No. 1, March, 1921, p. 34.
 Type.—♂: Ithaca, New York, bred, August 25, 1918, No. 8-48 (?)-1-1 (H. Yuasa).
 Paratype.—♂: Ithaca, New York, bred, August 25, 1918, No. 8-48 (?)-1-1 (H. Yuasa).
- Pontania lorata** MacGillivray
 Rep. Can. Arctic Exped., 1913-1918, Vol. 3G, November, 1919, p. 8G.
 Paratype.—♂: Herschel Island, Yukon Territory, Canada, bred from galls of *Salix arctica*, July, 1915, No. 255 (F. Johansen).
- Pontania subatrata** MacGillivray
 Proc. Calif. Acad. Sc., Vol. XI, No. 14, (4th Series), November 2, 1921, p. 189.
 Paratypes.—♂: St. George Island, Alaska, June 30, 1920 (G. D. Hanna).
- Pontania sublorata** MacGillivray
 Proc. Calif. Acad. Sc., Vol. XI, No. 14 (4th Series), November 2, 1921, p. 190.
 Paratypes.—♂: St. George Island, Alaska, June 30, 1920 (G. D. Hanna).
- Priophorus acericaulis** MacGillivray
 Can. Ent., Vol. XXXVIII, No. 9, September, 1906, p. 306.
 Type.—♀: New Haven, Connecticut, May 15, 1906 (B. H. Walden).
 Paratypes.—♀: New Haven, Connecticut, May 3-May 15, 1916 (B. H. Walden).
- Now placed in the genus *Caulocampus* Rohwer.
 The genotype of *Caulocampus* Rohwer (original designation and monobasic).

- Priophorus modestius* MacGillivray
Ent. News, Vol. XXXII, No. 2, February, 1921, p. 49.
Type.—♀: Orono, Maine, August 9, 1913, Sub. 109.
- Priophorus moratus* MacGillivray
Ent. News, Vol. XXXII, No. 2, February, 1921, p. 50.
Type.—♀: Orono, Maine, August 12, 1913, Sub. 1.
The "Sub. q." mentioned in the original description is evidently a typographical error.
- Priophorus munditus* MacGillivray
Ent. News, Vol. XXXII, No. 2, February, 1921, p. 50.
Type.—♀: Orono, Maine, August 9, 1913, Sub. 174.
- Pristiphora ostiaria* MacGillivray
Can. Ent., Vol. LII, No. 10, October, 1920, p. 236.
Type.—♀: Ithaca, New York, August 16, 1918, No. 212-1-1 (H. Yuasa).
Lectoallotype.—♂: Ithaca, New York, August 15, 1918, No. 212-1-1 (H. Yuasa).
The lectoallotype was labeled by MacGillivray as a paratype.
- Profenusa collaris* MacGillivray
Can. Ent., Vol. XLVI, No. 10, October, 1914, p. 364.
Type.—♀: Geneva, New York, bred from larvae mining the leaves of cherry, May 4, 1911 (P. J. Parrott).
Lectoallotype.—♂: Ithaca, New York, on *Crataegus*, May 17, 1911 (A. Rutherford).
Paratypes.—♀: Geneva, New York, bred from larvae mining the leaves of cherry, May 4, 1911 (P. J. Parrott); Ithaca, New York, on *Crataegus*, May 17, 1911 (A. Rutherford).
The genotype of *Profenusa* MacGillivray (original designation and monobasic).
- Prototaxonus typicus* Rohwer
Can. Ent., Vol. XLII, No. 2, February, 1910, p. 50.
Cotype.—♂: Mountains near Claremont, California (C. F. Baker).
The genotype of *Prototaxonus* Rohwer (original designation).
- Pseudoselandria oxalata* MacGillivray
Can. Ent., Vol. XLVI, No. 3, March, 1914, p. 104.
Type.—♀: Wisconsin (S. Graenicher).
In fair condition. The genotype of *Pseudoselandria* MacGillivray (original designation). There is also a male with the same data determined as this species in the collection, but it is not mentioned in the original description. The old type label on the female bears both "♂" and "♀" characters, indicating male specimen was received at same time as female type.
- Pteronidea edessa* MacGillivray
Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 30.
Type.—♀: Sterensville, Missouri, April 12, 1911 (J. M. Enschede).
The antennae are missing.
- Pteronidea edita* MacGillivray
Can. Ent., Vol. LII, No. 10, October, 1920, p. 235.
Type.—♂: Ithaca, New York, bred, July 29, 1917, No. 5-1-6 (H. Yuasa).
- Pteronidea edura* MacGillivray
Can. Ent., Vol. LII, No. 10, October, 1920, p. 233.
Type.—♀: Ithaca, New York, bred, July 16, 1918, No. 8.45 (?) -1-1 (H. Yuasa).
- Pteronidea effeta* MacGillivray
Can. Ent., Vol. LII, No. 10, October, 1920, p. 234.
Type.—♀: Orono, Maine, bred, poplar, August 9, 1913, Sub. 158.
- Pteronidea effrenatus* MacGillivray
Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 171.
Type.—♀: Katmai, Alaska, July, 1917 (J. S. Hine).

- Pteronidea effusa* MacGillivray
 Can. Ent., Vol. LII, No. 10, October, 1920, p. 233.
 Type.—♀: Orono, Maine, bred, July 26, 1913, Sub. 110.
- Pteronidea egeria* MacGillivray
 Can. Ent., Vol. LV, No. 7, July, 1923, p. 161.
 Type.—♀: Edmonton, Alberta, Canada, April 24, 1916 (F. S. Carr).
 The antennae are missing.
- Pteronidea egnatia* MacGillivray
 Can. Ent., Vol. LV, No. 7, July, 1923, p. 162.
 Type.—♀: Edmonton, Alberta, Canada, May 19, 1917 (F. S. Carr).
- Pteronidea electra* MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 30.
 Type.—♀: Corvallis, Oregon, May 23, 1913 (Denny).
- Pteronidea elelea* MacGillivray
 Can. Ent., Vol. LV, No. 7, July, 1923, p. 162.
 Type.—♀: Edmonton, Alberta, Canada, May 7, 1917 (F. S. Carr).
- Pteronidea emerita* MacGillivray
 Can. Ent., Vol. LII, No. 10, October, 1920, p. 234.
 Type.—♀: Orono, Maine, bred, birch, August 1, 1913, Sub. 139.
 In poor condition.
- Pteronidea enavata* MacGillivray
 Can. Ent., Vol. LII, No. 10, October, 1920, p. 236.
 Type.—♀: Orono, Maine, Sub. 25.
- Pteronidea equatia* MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 30.
 Type.—♂: Corvallis, Oregon, May 17, 1915 (D. E. Brown).
- Pteronidea equina* MacGillivray
 Can. Ent., Vol. LII, No. 10, October, 1920, p. 235.
 Type.—♀: Orono, Maine, August 1, 1913, Sub. 71.
 Paratype.—♀: Orono, Maine, Sub. 71.
- Pteronidea erratus* MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 170.
 Type.—♀: Kodiak, Alaska, June 10, 1917 (J. S. Hine).
- Pteronidea erudita* MacGillivray
 Can. Ent., Vol. LII, No. 10, October, 1920, p. 234.
 Type.—♀: Orono, Maine, bred, willow, August 12, 1913, Sub. 12.
- Pteronidea evanida* MacGillivray
 Can. Ent., Vol. LII, No. 10, October, 1920, p. 233.
 Type.—♀: Orono, Maine, bred, July 28, 1913, Sub. 119.
 Lectoallotype.—♂: Orono, Maine, bred, July 26, 1913, Sub. 111.
 Paratype.—♀: Orono, Maine, bred, August 1, 1913, Sub. 119.
 The lectoallotype was labeled by MacGillivray as a paratype.
- Pteronidea exacta* MacGillivray
 Can. Ent., Vol. LII, No. 10, October, 1920, p. 235.
 Type.—♂: Orono, Maine, bred, Sub. 172.
- Pteronidea excessus* MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 170.
 Type.—♀: Katmai, Alaska, July, 1917 (J. S. Hine).
 Antennal segments mostly missing.
- Rhadinoceraea similata* MacGillivray
 Can. Ent., Vol. XL, No. 8, August, 1908, p. 290.
 Type.—♀: Agricultural College, Michigan, June 3, 1896.
 Lectoallotype.—♂: Ithaca, New York.
 The lectoallotype was labeled by MacGillivray as a paratype.
- Rhogogastera respectus* MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 165.
 Type.—♀: Katmai, Alaska, July, 1917 (J. S. Hine).

- Rhogogastera respersus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 165.
 Type.—♂: Katmai, Alaska, July, 1917 (J. S. Hine).
- Rhogogastera ruga** MacGillivray
 Can. Ent., Vol. LV, No. 7, July, 1923, p. 160.
 Type.—♀: Edmonton, Alberta, Alaska, May 30, 1917 (F. S. Carr).
- Schizocerus johnsoni** MacGillivray
 Can. Ent., Vol. XLI, No. 11, November, 1909, p. 403.
 Type.—♀: Riverton, New Jersey, June 27 (C. W. Johnson).
- Selandria bipartita** Cresson
 Trans. Amer. Ent. Soc., Vol. VIII, January, 1880, p. 12.
 Paratype.—♂: Texas.
 Transferred to the genus *Periclista* Konow by Konow (1905). Antennae missing.
- Selandria caryae** Norton
 Trans. Amer. Ent. Soc., Vol. IV, May, 1872, p. 83.
 Allotype.—♂: No data associated with specimen.
 Transferred by MacGillivray (1916) to the genus *Erythraspidus* Ashmead.
 Antennae missing.
- Selandria diluta** Cresson
 Trans. Amer. Ent. Soc., Vol. VIII, January, 1880, p. 12.
 Paratype.—♀: Missouri.
 Transferred by MacGillivray (1916) to the genus *Isodyctium* Ashmead which is now considered as a synonym of *Periclista* Konow. Right antenna missing.
- Selandria floridana** MacGillivray
 Can. Ent., Vol. XXVII, No. 10, October, 1895, p. 281.
 Type.—♂: Ormond, Florida.
 MacGillivray has transferred this species to the genus *Polyselandria* MacGillivray. The genotype of *Polyselandria* MacGillivray (original designation).
- Simplemphytus pacificus** MacGillivray
 Can. Ent., Vol. XLVI, No. 10, October, 1914, p. 363.
 Type.—♀: Troutdale, Oregon, reared from larvae boring in stems of cherry, December 8, 1913 (H. F. Wilson).
 Paratypes.—♀ and ♂: Troutdale, Oregon, reared from larvae boring in stems of cherry, February 27, 1914 (H. F. Wilson).
 Though a male is included in the type series it is not recorded in the original description as such, and therefore it has not been selected as a lectoallotype. The genotype of *Simplemphytus* MacGillivray (original designation).
- Strongylogaster pacificus** MacGillivray
 Can. Ent., Vol. XXV, No. 10, October, 1893, p. 241.
 Cotype.—♀: Olympia, Washington, May 21, 1892 (T. Kincaid).
 Cotype.—♂: Olympia, Washington, May 7, 1893 (T. Kincaid).
- Strongylogaster primativus** MacGillivray
 Can. Ent., Vol. XXV, No. 10, October, 1893, p. 241.
 Cotype.—♀: Olympia, Washington, May 18, 1892 (T. Kincaid).
 In fair condition. Transferred to the genus *Tenthredopsis* Costa by MacGillivray in 1894.
- Strongylogaster rufocolus** MacGillivray
 Can. Ent., Vol. XXVI, No. 11, November, 1894, p. 327.
 Type.—♀: Ithaca, New York, June 5, 1890.
 In the collection MacGillivray had transferred this to the genus *Strongylogastroidea* Ashmead.

- Strongylogastroidea confusa** MacGillivray
Can. Ent., Vol. XL, No. 10, October, 1908, p. 369.
Type.—♀: West Springfield, Massachusetts, June 22, 1897 (J. O. Martin).
- Strongylogastroidea depressata** MacGillivray
Psyche, Vol. XXVIII, No. 2, April, 1921, p. 31.
Type.—♀: Orono, Maine, reared (H. Yuasa, Sub. 39).
- Strongylogastroidea potulenta** MacGillivray
Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 31.
Type.—♀: Poughkeepsie, New York, June 26 (R. L. Junghanns).
This type is stated to be a male in the original description, but it is a female.
- Strongylogastroidea rufinerva** MacGillivray
Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 31.
Type.—♀: Glen to Half-way House, White Mountains, New Hampshire, July 8, 1891 (A. P. Morse).
- Strongylogastroidea rufocinctana** MacGillivray
Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 31.
Type.—♀: Richmond Hill, Long Island, New York, June 1, 1903.
- Strongylogastroidea rufocinctella** MacGillivray
Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 32.
Type.—♀: Hampton, New Hampshire, June 1, 1906 (S. A. Shaw).
The type is stated to be a male in the original description, but it is a female.
- Strongylogastroidea rufula** MacGillivray
Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 32.
Type.—♀: Ithaca, New York, August 11, 1904.
- Strongylogastroidea shermani** MacGillivray
Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 32.
Type.—♀: Hendersonville, North Carolina, June, 1907 (F. Sherman, Jr.).
- Strongylogastroidea spiculatus** MacGillivray
Can. Ent., Vol. XL, No. 10, October, 1908, p. 369.
Type.—♀: Ellenville, New York, June 9, 1898 (C. Young).
- Strongylogastroidea unicinctella** MacGillivray
Univ. Ill. Bull. Vol. XX, No. 50, August 13, 1923, p. 33.
Type.—♀: Ithaca, New York, August 10, 1904.
- Taxonus borealis** MacGillivray
Can. Ent., Vol. XXVII, No. 3, March, 1895, p. 78.
Type.—♀: Mount Washington, New Hampshire (A. T. Slosson).
Transferred by MacGillivray to the genus *Strongylogastroidea* Ashmead.
Now considered as synonymous with *Taxonus unicinctus* Norton.
- Taxonus inclinatus** MacGillivray
Psyche, Vol. XXX, No. 2, April, 1923, p. 78.
Type.—♂: Corvallis, Oregon, May 13 (Hardman).
- Taxonus innominatus** MacGillivray
N. Y. State Mus., Bull. 47, September, 1901, p. 585.
Type.—♀: Saranac Inn, New York, August 3, 1900.
- Tenthredo aequalis** MacGillivray
Can. Ent., Vol. XXVII, No. 10, October, 1895, p. 284.
Type.—♀: Colorado, 1342 (C. F. Baker).
- Tenthredo aldrichii** MacGillivray
Can. Ent., Vol. XXXII, No. 6, June, 1900, p. 183.
Type.—♀: Juliaetta, Idaho, May 1, 1899 (J. M. Aldrich).
- Tenthredo alphius** MacGillivray
Can. Ent., Vol. XXXII, No. 6, June, 1900, p. 182.
Type.—♀: Olympia, Washington, July 3, 1896 (T. Kincaid).
- Tenthredo atracostus** MacGillivray
Can. Ent., Vol. XXXII, No. 6, June, 1900, p. 183.
Type.—♀: Craigs Mountain, Idaho (J. M. Aldrich).

- Tenthredo atravenus** MacGillivray
 Can. Ent., Vol. XXVII, No. 10, October, 1895, p. 283.
 Type.—♂: Juliaetta, Idaho (J. M. Aldrich).
- Tenthredo bilineatus** MacGillivray
 Can. Ent., Vol. XXVII, No. 10, October, 1895, p. 282.
 Type.—♀: Ithaca, New York, July 1, 1894.
- Tenthredo capitatus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. V, No. 3, September, 1897, p. 108.
 Type.—♀: Olympia, Washington, May 25, 1894 (T. Kincaid).
- Tenthredo causatus** MacGillivray
 Can. Ent., Vol. XXXII, No. 6, June, 1900, p. 178.
 Type.—♂: Ithaca, New York, June 19, 1897.
- Tenthredo dubitatus** MacGillivray
 Journ. N. Y. Ent. Soc. Vol. V, No. 3, September, 1897, p. 103.
 Type.—♂: Jay, Vermont, July 15, 1891 (A. P. Morse).
 Specific name emended to *dubitata* by MacGillivray in 1916. Now considered as a color variant of *Tenthredella grandis* (Norton).
- Tenthredo fernaldii** MacGillivray
 Can. Ent., Vol. XXXII, No. 6, June, 1900, p. 177.
 Type.—♀: Amherst (Hatch Experiment Station), Massachusetts, July 8, 1895 (C. H. Fernald).
 Specific name emended to *fernaldi* by MacGillivray in 1916. Now considered as a color variant of *Tenthredo* [*Allantus*] *dubia* (Norton).
- Tenthredo hyalinus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. V, No. 3, September, 1897, p. 108.
 Type.—♂: Plattsburg, New York, June 12, 1894 (H. G. Dyar).
- Tenthredo junghannsii** MacGillivray
 Can. Ent., Vol. XXXII, No. 6, June, 1900, p. 179.
 Type.—♀: Ithaca, New York, June 19, 1895 (R. L. Junghanns).
 Paratypes.—♀: Ithaca, New York, June 19, 1895 (R. L. Junghanns).
- Tenthredo lateralba** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. V, No. 3, September, 1897, p. 108.
 Type.—♀: Colorado, 1342 (C. F. Baker).
- Tenthredo linipes** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. V, No. 3, September, 1897, p. 104.
 Type.—♂: Olympia, Washington, June 1, 1894 (T. Kincaid).
 Paratypes.—♂: Olympia, Washington, May 16, 1897 (T. Kincaid).
- Tenthredo lunatus** MacGillivray
 Can. Ent., Vol. XXXII, No. 6, June, 1900, p. 180.
 Type.—♀: Olympia, Washington, May 10, 1894 (T. Kincaid).
- Tenthredo magnatus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. V, No. 3, September, 1897, p. 107.
 Type.—♂: Olympia, Washington, July 30, 1893 (T. Kincaid).
- Tenthredo messica** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. V, No. 3, September, 1897, p. 107.
 Type.—♂: Olympia, Washington, July 2, 1893 (T. Kincaid).
 Paratype.—♂: Olympia, Washington, June 13, 1894 (T. Kincaid).
- Tenthredo messicaeformis** Rohwer
 Can. Ent., Vol. XLI, No. 5, May, 1909, p. 147.
 Paratype.—♂: Top of Las Vegas Range, New Mexico, June 28, (T. D. A. Cockerell).
 Antennae are missing.
- Tenthredo neoslossoni** MacGillivray
 Can. Ent., Vol. XLVI, No. 4, April, 1914, p. 138.
 Type.—♀: Franconia, New Hampshire (A. T. Slosson).
 Now considered as a synonym of *Tenthredella cogitans* (Provancher).

- Tenthredo nigricoxi* MacGillivray
 Can. Ent., Vol. XXXII, No. 6, June, 1900, p. 181.
 Type.—♂: Olympia, Washington, May 9, 1894 (T. Kincaid).
- Tenthredo nigrifascia* MacGillivray
 Can. Ent., Vol. XXXII, No. 6, June, 1900, p. 184.
 Type.—♀: Olympia, Washington, May 28, 1895 (T. Kincaid).
- Tenthredo nigrifascialis* MacGillivray
 Journ. N. Y. Ent. Soc., Vol. V, No. 3, September, 1897, p. 107.
 Type.—♂: Olympia, Washington, July 9, 1893 (T. Kincaid).
- Tenthredo nova* MacGillivray
 Journ. N. Y. Ent. Soc., Vol. V, No. 3, September, 1897, p. 105.
 Type.—♀: Mount Washington (A. T. Slosson).
- Tenthredo obliquatus* MacGillivray
 Journ. N. Y. Ent. Soc., Vol. V, No. 3, September, 1897, p. 105.
 Type.—♀: Olympia, Washington, July 16, 1893 (T. Kincaid).
 Lectoallotype.—♂: Olympia, Washington, May 28, 1893 (T. Kincaid).
 Now considered as a variety of *Tenthradella elegantula* Cresson.
 The lectoallotype was labeled by MacGillivray as a paratype.
- Tenthredo olivatus* MacGillivray
 Can. Ent., Vol. XXXII, No. 6, June, 1900, p. 180.
 Type.—♀: Olympia, Washington, July 2, 1893 (T. Kincaid).
- Tenthredo pallicola* MacGillivray
 Can. Ent., Vol. XXVII, No. 3, March, 1895, p. 80.
 Type.—♀: Mount Washington, New Hampshire (A. T. Slosson).
- Tenthredo pallipectis* MacGillivray
 Journ. N. Y. Ent. Soc., Vol. V, No. 3, September, 1897, p. 106.
 Type.—♂: Olympia, Washington, July 2, 1893 (T. Kincaid).
- Tenthredo pallipunctus* MacGillivray
 Can. Ent., Vol. XXVII, No. 10, October, 1895, p. 282.
 Type.—♀: Colorado, 782 (C. F. Baker).
- Tenthredo perplexus* MacGillivray
 Journ. N. Y. Ent. Soc., Vol. V, No. 3, September, 1897, p. 104.
 Type.—♀: Olympia, Washington, May 23, 1894 (T. Kincaid).
- Tenthredo rabida* MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 110.
 Type.—♀: Mary's Peak, Corvallis, Oregon, July 14, (L. G. Gentner).
- Tenthredo rabiosa* MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 112.
 Type.—♀: Philomath, Oregon, May 16 (A. L. Lovett).
- Tenthredo rabula* MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 112.
 Type.—♂: Corvallis, Oregon (Hunter).
- Tenthredo racilia* MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 112.
 Type.—♂: Corvallis, Oregon (L. K. Couch).
- Tenthredo ralla* MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 111.
 Type.—♀: Mary's Peak, Corvallis, Oregon, July 14 (A. L. Lovett).
 The antennae are missing.
- Tenthredo redimacula* MacGillivray
 Can. Ent., Vol. XXVII, No. 3, March, 1895, p. 78.
 Type.—♀: Mount Washington, New Hampshire (A. T. Slosson).
 Paratype.—♀: Mount Washington, New Hampshire (A. T. Slosson).
- Tenthredo reduvia* MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 108.
 Type.—♀: Corvallis, Oregon, July 1, 1905 (Foster).

- Tenthredo refactaria** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 113.
 Type.—♀: Union County, Oregon, June 22, 1922 (A. L. Lovett).
- Tenthredo refluua** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 111.
 Type.—♂: Bellfountain, Oregon, May 27, 1922 (A. L. Lovett).
- Tenthredo refuga** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 167.
 Type.—♀: Katmai, Alaska, July, 1917 (J. S. Hine).
 Paratype.—♀: Katmai, Alaska, July, 1917 (J. S. Hine).
- Tenthredo regula** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 166.
 Type.—♀: Katmai, Alaska, July, 1917 (J. S. Hine).
- Tenthredo reliquia** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 168.
 Type.—♀: Katmai, Alaska, July, 1917 (J. S. Hine).
 Paratype.—♀: Katmai, Alaska, July, 1917 (J. S. Hine).
- Tenthredo remea** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 107.
 Type.—♀: Corvallis, Oregon, May 16, 1914 (Finch).
- Tenthredo remissa** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 114.
 Type.—♂: Corvallis, Oregon, June 3, 1908.
- Tenthredo remora** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 108.
 Type.—♂: Corvallis, Oregon, May 24, 1912 (F. C. Shepard).
 Now considered as a synonym of *Tenthredella signata* (Norton).
- Tenthredo remota** MacGillivray
 Can. Ent., Vol. XXVII, No. 3, March, 1895, p. 81.
 Type.—♀: Franconia, New Hampshire (A. T. Slosson).
- Tenthredo reperta** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 115.
 Type.—♀: Juliaetta, Idaho (J. M. Aldrich).
 Paratype.—♀: Lewiston, Idaho (J. M. Aldrich).
- Tenthredo replata** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 115.
 Type.—♀: Ormsby County, Nevada, July (C. F. Baker).
- Tenthredo repleta** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 111.
 Type.—♀: Mary's Peak, Corvallis, Oregon, July 14, (L. G. Gentner).
 Paratypes.—♀: Mary's Peak, Corvallis, Oregon, July 18, 1914 (L. G. Gentner), Rock Creek, Oregon, July 14, (A. L. Lovett).
 The paratype from Rock Creek, Oregon, is not mentioned by locality in the original description. It is labeled as a paratype by MacGillivray and is undoubtedly the specimen referred to in the original description as collected by A. L. Lovett, because the other two specimens were collected by L. G. Gentner.
- Tenthredo reposita** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 116.
 Type.—♂: Bellfountain, Oregon, May 27, 1922 (A. L. Lovett).
- Tenthredo reputina** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 114.
 Type.—♂: Bellfountain, Oregon, May 27, 1922 (A. L. Lovett).
 Paratypes.—♂: Bellfountain, Oregon, May 27, 1922 (A. L. Lovett).
- Tenthredo reputinella** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 33.
 Type.—♂: Mount Washington, New Hampshire (A. T. Slosson).

- Tenthredo requieta*** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 167.
 Type.—♀: Katmai, Alaska, June, 1917 (J. S. Hine).
- Tenthredo resegrina*** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 115.
 Type.—♂: Bellfountain, Oregon, May 27, 1922 (A. L. Lovett).
- Tenthredo resima*** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 109.
 Type.—♀: Mary's River, Corvallis, Oregon, May 3 (Hardman).
- Tenthredo resticula*** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 168.
 Type.—♀: Katmai, Alaska, July, 1917 (J. S. Hine).
 Paratype.—♀: Katmai, Alaska, July, 1917 (J. S. Hine).
- Tenthredo restricta*** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 110.
 Type.—♂: Alesia, Oregon, June 4, 1922 (A. L. Lovett).
- Tenthredo resupina*** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 113.
 Type.—♂: Bellfountain, Oregon, May 27, 1922 (A. L. Lovett).
- Tenthredo reticentia*** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 114.
 Type.—♀: Corvallis, Oregon, May 30, 1912 (E. O. Dalgren).
 Paratypes.—♀: Alesia, Oregon (A. L. Lovett).
- Tenthredo retinentia*** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 166.
 Type.—♀: Kodiak, Alaska, June 10, 1917 (J. S. Hine).
- Tenthredo retosta*** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 109.
 Type.—♂: There is no locality label associated with the specimen. MacGillivray lists it as "? Corvallis, Oregon; received from A. L. Lovett."
- Tenthredo retroversa*** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 167.
 Type.—♂: Katmai, Alaska, July, 1917 (J. S. Hine).
- Tenthredo rhammisia*** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 33.
 Type.—♀: Sea Side, Oregon, August 15, 1914 (L. G. Gentner).
- Tenthredo rima*** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 110.
 Type.—♂: Corvallis, Oregon, April 16, 1896.
- Tenthredo ripula*** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 109.
 Type.—♂: Corvallis, Oregon, May 27, 1914 (R. K.).
- Tenthredo rota*** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 34.
 Type.—♀: Colorado.
- Tenthredo rotula*** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 34.
 Type.—♂: Potsdam, New York, June, 1899 (C. O. Houghton).
- Tenthredo rubicunda*** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 34.
 Type.—♀: Franconia, New Hampshire (A. T. Slosson).
- Tenthredo rubrica*** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 35.
 Type.—♀: Moscow, Idaho (J. M. Aldrich).
- Tenthredo rubricosa*** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 35.
 Type.—♂: Algonquin, Illinois (W. A. Nason).

- Tenthredo rubripes** MacGillivray
 Can. Ent., Vol. XXXII, No. 6, June, 1900, p. 178.
 Type.—♂: Ithaca, New York, June 19, 1897 (R. L. Junghanns).
 Paratype.—♂: Ithaca, New York, June 3, 1897 (R. L. Junghanns).
- Tenthredo rubrisommus** MacGillivray
 Can. Ent., Vol. XXII, No. 6, June, 1900, p. 181.
 Type.—♀: Grangeville, Idaho (J. M. Aldrich).
- Tenthredo rudicula** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 35.
 Type.—♀: Orono, Maine.
- Tenthredo rufostigmus** MacGillivray
 Can. Ent., Vol. XXVII, No. 10, October, 1895, p. 283.
 Type.—♂: Craig's Mountain, Idaho (J. M. Aldrich).
- Tenthredo ruina** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 36.
 Type.—♀: Vollmer, Idaho, May 30 (J. M. Aldrich).
- Tenthredo ruinosa** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 36.
 Type.—♀: Southwestern Colorado, July 23, 1899 (E. J. Oslar).
- Tenthredo ruma** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 36.
 Type.—♂: Jeannette, Pennsylvania (H. G. Klages).
- Tenthredo rumina** MacGillivray
 Can. Ent., Vol. LV, No. 7, July, 1923, p. 160.
 Type.—♀: Edmonton, Alberta, July 29, 1916 (F. S. Carr).
 A large part of the antennae is missing.
- Tenthredo rurigena** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 36.
 Type.—♀: Colorado.
- Tenthredo russa** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 37.
 Type.—♀: Harrison, Idaho (J. M. Aldrich).
- Tenthredo rustica** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 2, June, 1923, p. 113.
 Type.—♂: Union County, Oregon, June 22, 1892 (A. L. Lovett).
- Tenthredo rusticana** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 37.
 Type.—♀: Black Mountains, North Carolina, June (W. Beutenmüller).
- Tenthredo rusticula** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. XXXI, No. 4, December, 1923, p. 166.
 Type.—♂: Katmai, Alaska, July, 1917 (J. S. Hine).
- Tenthredo ruta** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 37.
 Type.—♀: Pullman, Washington, May 5, 1905 (C. V. Piper).
- Tenthredo rutata** MacGillivray
 Univ. Ill. Bull., Vol. XX, No. 50, August 13, 1923, p. 38.
 Type.—♀: Culvers Lake, New Jersey, May 29.
- Tenthredo rutila** MacGillivray
 Can. Ent., Vol. LV, No. 7, July, 1923, p. 160.
 Type.—♀: Edmonton, Alberta, Canada, June, 1917 (F. S. Carr).
- Tenthredo savagei** MacGillivray
 Can. Ent., Vol. XXXII, No. 6, June, 1900, p. 184.
 Type.—♀: Juliaetta, Idaho (J. M. Aldrich).
- Tenthredo secundus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. V, No. 3, September, 1897, p. 105.
 Type.—♀: Mount Washington, New Hampshire (A. T. Slosson).
 Paratype.—♀: Mount Washington, New Hampshire (A. T. Slosson).

- Tenthredo sicatus** MacGillivray
 Can. Ent., Vol. XXXII, No. 6, June, 1900, p. 179.
 Type.—♂: Washington (C. V. Piper).
- Tenthredo simulatus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. V, No. 3, September, 1897, p. 105.
 Type.—♀: Winchendon, Massachusetts, July 1, 1892 (A. P. Morse).
- Tenthredo slossonii** MacGillivray
 Can. Ent., Vol. XXXII, No. 6, June, 1900, p. 179.
 Type.—♂: Franconia, New Hampshire (A. T. Slosson).
 Spelling of specific name emended to *slossoni* by MacGillivray in 1916.
 Now considered as a synonym of *Tenthredella signata* (Norton).
- Tenthredo smectica** MacGillivray
 Bull. Brooklyn Ent. Soc., Vol. XV, No. 4, October, 1920, p. 113.
 Type.—♀: Ithaca, New York, bred, May 29, 1919, 8-11-2 (?) 2 (H. Yuasa).
- Tenthredo stigmatus** MacGillivray
 Journ. N. Y. Ent. Soc., Vol. V, No. 3, September, 1897, p. 108.
 Type.—♂: Seattle, Washington, June 4, 1895 (S. Bethel).
- Tenthredo terminatus** MacGillivray
 Can. Ent., Vol. XXVII, No. 10, October, 1895, p. 283.
 Type.—♀: Colorado, 1365 (C. F. Baker).
- Tenthredo ventricus** MacGillivray
 Can. Ent., Vol. XXVII, No. 10, October, 1895, p. 284.
 Type.—♂: Colorado, 860 (C. F. Baker).
- Tenthredo yuasi** MacGillivray
 Bull. Brooklyn Ent. Soc., Vol. XV, No. 4, October, 1920, p. 112.
 Type.—♀: Ithaca, New York, bred, May 20, 1919, 8-46-1 (H. Yuasa).
- Tenthredopsis ruficornis** (MacGillivray)
 Can. Ent., Vol. XXV, No. 10, October, 1893, p. 242.
 Type.—♀: Olympia, Washington, May 22, 1892 (T. Kincaid).
 Subsequently made the genotype of *Kincaidia* MacGillivray (original designation).
- Thrinax pullatus** MacGillivray
 Psyche, Vol. XXVIII, No. 2, April, 1921, p. 34.
 Type.—♂: Ithaca, New York, May 21, 1918, reared (H. Yuasa, 20-1).
- Tomostethus nortonii** MacGillivray
 Can. Ent., Vol. XL, No. 8, August, 1908, p. 291.
 Type.—♀: Ames, Iowa (E. D. Ball).
- Trichiocampus pacatus** MacGillivray
 Ent. News, Vol. XXXII, No. 2, February, 1921, p. 48.
 Type.—♀: Ithaca, New York, bred, August 20, 1919, No. 88-1 (H. Yuasa).
- Trichiocampus paetulus** MacGillivray
 Ent. News, Vol. XXXII, No. 2, February, 1921, p. 48.
 Type.—♀: Onekama, Michigan, bred from larva on *Populus*, August, 1914 (A. D. McGillivray).
- Trichiocampus palliolatus** MacGillivray
 Ent. News, Vol. XXXII, No. 2, February, 1921, p. 49.
 Type.—♀: Ithaca, New York, bred, July 4, 1918, No. 15-4-1-1 (H. Yuasa).
 Now placed in the genus *Priophorus* Dahlbom (Yuasa, 1922).
- Trichiocampus patchiae** MacGillivray
 Ent. News, Vol. XXXII, No. 2, February, 1921, p. 48.
 Type.—♀: Orono, Maine, bred, August 9, 1913, Sub. 100.
 Paratype.—♀: Orono, Maine, bred, August 9, 1913, Sub. 100.
- Trichiosoma confundum** MacGillivray
 Can. Ent., Vol. LV, No. 7, July, 1923, p. 161.
 Type.—♀: Edmonton, Alberta, Canada, June 15, 1917 (F. S. Carr).
- Trichiosoma confusum** MacGillivray
 State Geol. Nat. Hist. Surv. Conn., Bull. 22, 1916, p. 103.
 Type.—♂: Saranac Inn, New York, June 17, 1900.

Lectoallotype.—♀: No data.

Paratype.—♂: Adirondack Mountains, Axton, New York, June 12-22, 1901 (A. D. MacGillivray and C. O. H.).

This species is now considered a synonym of *Trichiosoma bicolor* Norton.

Trichiosoma spicatum MacGillivray

State Geol. Nat. Hist. Surv. Conn., Bull. 22, 1916, p. 103.

Type.—♂: Mount Katahdin, Maine.

Paratypes.—♂: Mount Katahdin, Maine, and Clarendon, New Hampshire.

Unitaxonus repentinus MacGillivray

Psyche, Vol. XXVIII, No. 2, April, 1921, p. 32.

Type.—♀: Ithaca, New York, July 5, 1918, reared (H. Yuasa, 129-1-2).

Allotype.—♂: Ithaca, New York, July 2, 1918, reared (H. Yuasa, 129-1-2).

Paratype.—♀: Ithaca, New York, July 1, 1918, reared (H. Yuasa, 129-1-2).

The genotype of *Unitaxonus* MacGillivray (original designation).

Unitaxonus rumicis MacGillivray

Psyche, Vol. XXVIII, No. 2, April, 1921, p. 33.

Type.—♀: Ithaca, New York, reared (H. Yuasa, 91-2-1).

FAMILY SIRICIDAE.

Urocerus indecisus MacGillivray

Can. Ent., Vol. XXV, No. 10, October, 1893, p. 243.

Type.—♂: Olympia, Washington (T. Kincaid).

Urocerus riparius MacGillivray

Can. Ent., Vol. XXV, No. 10, October, 1893, p. 244.

Type.—♂: Skokomish River, Washington, May 3, 1892 (T. Kincaid).

APPENDIX

Types of some of the species of Tenthredinoidea described by Dr. A. D. MacGillivray are in the custody of other institutions. A few types which should be in his private collection were not found. The following list gives in alphabetical sequence the names of these species, and places of original descriptions and locations of types if known.

- Amauronematus aulatus** MacGillivray
Rept. Can. Arctic Exp. 1913-1918, Vol. 3G, November, 1919, p. 16g.
Type in Canadian National Collection.
- Amauronematus cogitatus** MacGillivray
Rept. Can. Arctic Exp. 1913-1918, Vol. 3G, November, 1919, p. 15g.
Type in Canadian National Collection.
- Amauronematus completus** MacGillivray
Rept. Can. Arctic Exp. 1913-1918, Vol. 3G, November, 1919, p. 13g.
Type in Canadian National Collection.
- Amauronematus digestus** MacGillivray
Rept. Can. Arctic Exp. 1913-1918, Vol. 3G, November, 1919, p. 14g.
Type in Canadian National Collection.
- Amauronematus indicatus** MacGillivray
Rept. Can. Arctic Exp. 1913-1918, Vol. 3G, November, 1919, p. 14g.
Type in Canadian National Collection.
- Amauronematus magnus** MacGillivray
Rept. Can. Arctic Exp. 1913-1918, Vol. 3G, November, 1919, p. 17g.
Type in Canadian National Collection.
- Amauronematus varianus** MacGillivray
Rept. Can. Arctic Exp. 1913-1918, Vol. 3G, November, 1919, p. 16g.
Type in Canadian National Collection.
- Bivena maria** MacGillivray
Can. Ent. Vol. XXVI, No. 11, November, 1894, p. 327.
Location of type?
- Euura abortiva** MacGillivray
Rept. Can. Arctic Exp. 1913-1918, Vol. 3G, November, 1919, p. 4g.
Type in Canadian National Collection.
- Euura arctica** MacGillivray
Rept. Can. Arctic Exp. 1913-1918, Vol. 3G, November, 1919, p. 5g.
Type in Canadian National Collection.
- Lyda olympia** MacGillivray
Can. Ent., Vol. XXV, No. 10, October, 1893, p. 243.
Location of type?
- Macrophya bilineata** MacGillivray
State Geol. Nat. Hist. Sur. Conn., Bull. 22, 1916, p. 96.
The type can not be in the MacGillivray Collection as indicated by MacGillivray. It should be in the Collection of the Conn. Agr. Exp. Sta.
See notes under this name in text.
- Macrophya slossonae** MacGillivray
Can. Ent., Vol. XXVII, No. 3, March, 1895, p. 78.
Location of type?

- Messa atra** MacGillivray
Can. Ent., Vol. XXV, No. 10, October, 1893, p. 238.
Location of type?
- Pachynematus venustus** MacGillivray
Proc. Calif. Acad. Sc., Vol. XI, No. 14 (4th Series), November 2, 1921,
p. 190.
Type in Calif. Acad. of Sciences.
- Pachynematus vernus** MacGillivray
Proc. Calif. Acad. Sc., Vol. XI, No. 14 (4th Series), November 2, 1921,
p. 191.
Type in Calif. Acad. of Sciences.
- Parabates inspiratus** MacGillivray
Ann. Ent. Soc. Amer., Vol. II, No. 4, December, 1909, p. 264.
Type in Calif. Acad. of Sciences.
- Pontania delicatula** MacGillivray
Rept. Can. Arctic Exp. 1913-1918, Vol. 3G, November, 1919, p. 86.
Type in Canadian National Collection.
- Pontania deminuta** MacGillivray
Rept. Can. Arctic Exp. 1913-1918, Vol. 3G, November, 1919, p. 9g.
Type in Canadian National Collection.
- Pontania quadrifasciata** MacGillivray
Rept. Can. Arctic Exp. 1913-1918, Vol. 3G, November, 1919, p. 10g.
Type in Canadian National Collection.
- Pontania stipata** MacGillivray
Proc. Calif. Acad. Sc., Vol. XI, No. 14 (4th Series), November 2, 1921,
p. 188.
Type in Calif. Acad. of Sciences.
- Pontania subatrata** MacGillivray
Proc. Calif. Acad. Sc., Vol. XI, No. 14 (4th Series), November 2, 1921,
p. 189.
Type in Calif. Acad. of Sciences.
- Pontania sublorata** MacGillivray
Proc. Calif. Acad. Sc., Vol. XI, No. 14 (4th Series), November 2, 1921,
p. 190.
Type in Calif. Acad. of Sciences.
- Pontania subpallida** MacGillivray
Rept. Can. Arctic Exp. 1913-1918, Vol. 3G, November, 1919, p. 11g.
Type in Canadian National Collection.
- Pontania sueta** MacGillivray
Proc. Calif. Acad. Sc., Vol. XI, No. 14 (4th Series), November 2, 1921,
p. 188.
Type in Calif. Acad. of Sciences.
- Pontania trifasciata** MacGillivray
Rept. Can. Arctic Exp. 1913-1918, Vol. 3G, November, 1919, p. 11g.
Type in Canadian National Collection.
- Rhogogastera reliqua** MacGillivray
Rept. Can. Arctic Exp. 1913-1918, Vol. 3G, November, 1919, p. 4g.
Type in Canadian National Collection.
- Taxonus montanus** MacGillivray
No description of this species found. Referred to by name only in Can.
Ent., Vol. XL, No. 10, October, 1908, p. 366.
- Tenthredo frigida** MacGillivray
Can. Ent., Vol. XXVII, No. 3, March, 1895, p. 80.
Location of type?
- Tenthredopsis transversa** MacGillivray
Can. Ent., Vol. XXV, No. 10, October, 1893, p. 242.
Location of type?

INDEX

This index includes all scientific names referred to in this article, except those of the insect hosts or the plants from which the typic specimens were reared or collected. Order, family and generic names are in **bold face** type, valid specific and varietal names in Roman, synonymous and invalid names in *italics*. The generic name following the author's name indicates the genus under which the species is listed.

A	PAGE	PAGE	
Abbella Girault.....	224	<i>meleca</i> MacGillivray.....	236
<i>subflava</i> Girault.....	224	<i>mellina</i> MacGillivray.....	236
abbreviatus Malloch, Chironomus	164	<i>minima</i> MacGillivray.....	236
aberrans Malloch, Lonchaea	189	<i>minuta</i> MacGillivray.....	236
abietinus Koch, Mindarus	156	<i>mixta</i> MacGillivray.....	236
abjecta MacGillivray, Blennocampa	238	<i>munda</i> MacGillivray.....	236
abnorma MacGillivray, Blennocampa	238	<i>musta</i> MacGillivray.....	236
abolla var. <i>lemnisca</i> McAtee, Erythroneura	149	Acraspis Mayr.....	214
abortiva MacGillivray, Euura	269	<i>compressus</i> Gillette.....	214
abortivus Malloch, Chironomus	164	acriculus MacGillivray, Loderus	249
absona MacGillivray, Blennocampa	238	<i>acritus</i> MacGillivray, Loderus	240
absyrtus MacGillivray, Pachynematus	254	acrobasis Cushman, Bassus	211
abundans Spuler, Leptocera (Scotophilella).....	186	acuminata MacGillivray, Blennocampa	238
academus MacGillivray, Pachynematus	254	acuta Malloch, Neotiphia	229
Acantholera Garrett.....	185	acuticornis Malloch, Limnophora	203
<i>oediemus</i> Garrett.....	185	acutipennis Malloch, Pegomyia	205
Acantholyda Costa.....	234	<i>acutiventre</i> Girault, Neotrichogramma	224
<i>modesta</i> MacGillivray.....	234	Ademon Haliday.....	212
accuratus MacGillivray, Loderus	249	<i>niger</i> (Ashmead).....	212
acerbus MacGillivray, Loderus	249	Adialytus Foerster.....	210
acericaulis MacGillivray, Priophorus	257	<i>maidaphidis</i> Garman.....	210
acerifoliae Thomas, Siphonophora	156	adusta MacGillivray, Blennocampa	238
aceris Forbes, Aleurodes	157	Aemilia Kirby.....	233
acidus MacGillivray, Loderus	249	<i>roseata</i> Walker.....	233
Acordulecera Say.....	235	<i>significans</i> (Hy. Edwards)....	233
<i>maculata</i> MacGillivray.....	235	Aenasioidea Girault.....	217
<i>marina</i> MacGillivray.....	235	<i>laticapus</i> Girault.....	217
<i>maura</i> MacGillivray.....	235	aeneoviridis Girault, Arthrolytus	219
<i>maxima</i> MacGillivray.....	236	aeneoviridis Girault, Trichaporus	223
<i>media</i> MacGillivray.....	236	aequalis MacGillivray, Monophadnus	253
		aequalis MacGillivray, Tenthredo	261
		aequalis Malloch, Johannsenomyia	172
		aequalis Malloch, Sapromyza	187

PAGE	PAGE		
aeratus MacGillivray, Monophadnus	253	albifrons Spuler, Leptocera (Scotophilella)	186
Aeschnidae	144	<i>albimarginata</i> Woodworth, Gypona	150
aesculi Johnson, Aspidiotus....	157	albocalyptrata Malloch, Phaonia	206
aesculi Osborn and Drake, Corythucha	147	<i>albopicta</i> Forbes, Empoa.....	149
affinis Malloch, Hebecenma....	199	albosuturalis Liljebblad, Mordella	159
affinis Malloch, Tiphia.....	229	alboviridis Malloch, Chironomus	164
agcistus MacGillivray, Dolerus. 240		albovittata Malloch, Oxycera... 182	
agrella McAtee, Corimelaena... 148		aldrichi MacGillivray, Astochus. 237	
Agromyza Fallen.....	192	aldrichi MacGillivray, Pareophora	255
albidohalterata Malloch.....	192	aldrichi Malloch, Heteromyia.. 171	
angulicornis Malloch.....	192	aldrichi Malloch, Johnsonomyia	182
aprilina Malloch.....	192	aldrichi Malloch, Oxycera.....	182
aristata Malloch.....	192	aldrichi Malloch, Pogonomyia.. 207	
assimilis Malloch.....	193	aldrichi var. pallida Malloch, Pseudopogonota	185
calyptrata Malloch.....	194	aldrichi MacGillivray, Tenthredo	261
citreifemorata Watt.....	193	Aleurochiton Tullgren.....	157
deceptiva Malloch.....	193	<i>aceris</i> (Forbes).....	157
destructor Malloch.....	193	<i>forbesii</i> (Ashmead).....	157
felti Malloch.....	193	Aleurodes Latreille.....	157
flavocentralis Watt.....	193	<i>aceris</i> Forbes.....	157
flavolateralis Watt.....	193	aleurodinis Haldeman, Amitus.. 213	
flavopleura Watt.....	193	<i>aleurodis</i> Forbes, Alaptus..... 213	
flavopleura var. casta Watt. 193		alexanderi Metcalf, Liburnia.... 153	
fumicosta Malloch.....	193	Aleyrodidae	157
gibsoni Malloch.....	193	algonquina Malloch, Helina.... 199	
indecora Malloch.....	193	algonquinensis Ashmead, Epiptermalus	219
<i>Infumata</i> Malloch.....	194	aliena Malloch, Coenosia..... 197	
nasuta Malloch.....	194	Allantus Jurine.....	236
<i>nigrisquama</i> Malloch.....	194	universus MacGillivray..... 236	
pleuralis Malloch.....	194	allegatus MacGillivray, Pachynematus	254
riparella Malloch.....	194	Allognotha Pokorny.....	196
<i>riparia</i> Malloch.....	194	semivitta Malloch.....	196
similata Malloch.....	194	Allotrips Hood.....	145
subangulata Malloch.....	194	megacephalus Hood.....	145
subinfumata Malloch.....	194	allynii French, Isosoma.....	219
subvirens Malloch.....	194	alpius MacGillivray, Tenthredo	261
umbrina Watt.....	194	alsia MacGillivray, Messa.....	251
youngi Malloch.....	194	alticinctus MacGillivray, Loderus	249
Agromyzidae	192	alumna MacGillivray, Messa.... 251	
agrostis Osten Sacken, Asteromyia	180	amara MacGillivray, Blennocampa	238
Alaptus Walker.....	213, 226	Amauronematus Konow.....	236, 269
<i>aleurodis</i> Forbes.....	213	aulatus MacGillivray.....	269
caecili Girault.....	226	cogitatus MacGillivray.....	269
ericocci Girault.....	226	completus MacGillivray.....	269
intonsipennis Girault.....	226	digestus MacGillivray.....	269
albescens Hulst, Selidosema... 233		indicatus MacGillivray.....	269
albibasis Malloch, Johannsenomyia	172		
albidohalteralis Malloch, Orthocladus (Dactylocadius).....	173		
albidohalterata Malloch, Agromyza	192		
albidorsata Malloch, Bezzia.... 163			

	PAGE		PAGE
magnus MacGillivray.....	269	nigrellus Girault.....	227
vacalus MacGillivray.....	236	Anaploidea Girault.....	227
vacivus MacGillivray.....	236	pullicrura Girault.....	227
valerius MacGillivray.....	236	sordidata Girault.....	227
vanus MacGillivray.....	236	Anarostomoides Malloch.....	185
varianus MacGillivray.....	269	petersoni Malloch.....	185
venaticus MacGillivray.....	236	ancisus MacGillivray, Loderus..	250
veneficus MacGillivray.....	237	Andrena Fabricius.....	231
venerandus MacGillivray.....	237	amplificata Cockerell (Mi-	
ventosus MacGillivray.....	237	crandrena).....	231
verbosus MacGillivray.....	237	banksi Malloch.....	231
veridicus MacGillivray.....	237	costillensis Viereck and	
vescus MacGillivray.....	237	Cockerell.....	231
visendus MacGillivray.....	237	flexa Malloch.....	231
Amaurosoma Becker.....	184	lappulae Cockerell.....	231
katmaiensis Malloch.....	184	micranthropila Cockerell..	231
nuda Malloch.....	185	regularis Malloch.....	231
unispinosa Malloch.....	185	Andrenidae	231
Amblytropidia Stål.....	142	angulata MacGillivray, Blenno-	
insignis Hebard.....	142	campa.....	238
americana Ashmead, Oligosita..	224	angulata MacGillivray, Itycor-	
americana Fitch, Meromyza... 191		sia.....	234
americana Johnson, Chionaspis. 158		angulata Malloch, Limnophora..	203
americana Malloch, Leucopis... 195		angulata Malloch, Melanocheila	204
americana Malloch, Minettia... 187		angulicornis Malloch, Agromyza	192
americana var. nortoni MacGill-		angusticeps Hood, Trichothrips. 145	
livray, Cimbex.....	239	angustitarsus Malloch, Prosalpia	208
americanus Hood, Trichothrips. 145		angustiventris Malloch, Hy-	
americanus Weed, Clinocentrus. 211		lemyia.....	201
amica MacGillivray, Messa.... 251		anisitsi Girault, Spilochalcis... 217	
Amicta Loew.....	191	anita MacGillivray, Messa.... 251	
setigera Malloch.....	191	annulatus MacGillivray, Leuco-	
Amitus Haldeman.....	213	pelmonus.....	249
aleurodinis Haldeman.....	213	annulicornis Malloch, Johann-	
aleurodis (Forbes).....	213	senomyia.....	172
Ammophila Kirby.....	230	annuliventris Malloch, Metrioc-	
argentata Hart.....	230	nemus.....	173
Amoebaleria Garrett.....	185	Anomala Samouelle.....	159
fraterna var. hyalina Gar-		kansana Hayes and McCol-	
rett.....	185	loch.....	159
gigas Garrett.....	185	anomalus Malloch, Chrysotus.. 182	
luteoala Garrett (Eidoa-		Anorostoma Loew.....	186
moeba).....	185	coloradensis Garrett.....	186
tincta form pilosus Coquil-		antennalis (Coquillett) Harto-	
lett.....	185	myia.....	171
amplificata Cockerell, Andrena		antennata MacGillivray, Blenno-	
(Micrandrena).....	231	campa.....	238
Anagrus Haliday.....	226	antennatus Hood, Plectrothrips. 145	
armatus var. nigriventris		Anthocoridae	147
Girault.....	226	Anthomyia Meigen.....	197
epos Girault.....	226	dorsimaculata Van der Wulp	197
spiritus Girault.....	227	Anthomyiidae	196
Anagyrs Howard.....	217	anthracina Malloch, Coenosia... 197	
nubilipennis Girault.....	217	Anthracophaga Loew.....	189
Anaphes Haliday.....	227	distichiae Malloch.....	189
hercules Girault.....	227	antigone McAtee, Typhlocyba... 151	

	PAGE		PAGE
<i>Antistrophus</i> Walsh.....	214	<i>apriloides</i> MacGillivray, Dolerus	240
<i>bicolor</i> Gillette.....	214	Aradidae	147
<i>laciniatus</i> Gillette.....	214	<i>Aradus</i> Fabricus.....	147
<i>minor</i> Gillette.....	214	<i>implanus</i> Parshley.....	147
<i>rufus</i> Gillette.....	214	<i>robustus</i> var. <i>insignis</i> Parsh-	
<i>Silphi</i> Gillette.....	214	ley	147
<i>Apanteles</i> Foerster.....	210	<i>arctica</i> MacGillivray, Euura....	269
<i>canarsiae</i> Ashmead.....	211	<i>arcticum</i> Malloch, <i>Simulium</i>	181
<i>crambi</i> Weed.....	211	Arctiidae	233
<i>ornigis</i> Weed.....	211	<i>argentata</i> Hart, <i>Ammophila</i>	230
<i>orobenae</i> Forbes.....	211	<i>argentata</i> Loew, <i>Johannseno-</i>	
<i>sarothripae</i> Weed.....	211	<i>myia</i>	172
<i>aperta</i> MacGillivray, <i>Blenno-</i>		Argidae	210
<i>campa</i>	238	<i>Aricia</i> MacQuart.....	197
<i>Aphaniosoma</i> Becker.....	192	<i>bicolorata</i> Malloch.....	197
<i>quadrivittatum</i> Malloch....	192	<i>latifrontata</i> Malloch.....	197
<i>Aphanisus</i> MacGillivray.....	237	<i>poeciloptera</i> Malloch.....	197
<i>lobatus</i> MacGillivray.....	237	<i>Ariciella</i> Malloch.....	197
<i>muricatus</i> MacGillivray....	237	<i>flavicornis</i> Malloch.....	197, 209
<i>nigrilus</i> MacGillivray.....	237	<i>rubripalpis</i> (Van der Wulp)	
<i>obsitus</i> MacGillivray.....	237	197, 209.
<i>occiduus</i> MacGillivray.....	237	<i>arida</i> Malloch, <i>Tiphia</i>	229
<i>odoratus</i> MacGillivray....	237	<i>arisaemae</i> Hood, <i>Heterothrips</i> ..	145
<i>parallelus</i> MacGillivray....	237	<i>aristalis</i> Malloch, <i>Aphiochaeta</i> ..	183
<i>Aphelinoidea</i> Girault.....	224	<i>aristata</i> Malloch, <i>Agromyza</i>	192
<i>plutella</i> Girault.....	224	<i>arizonensis</i> Ashmead, <i>Eriocamp-</i>	
<i>semifuscipennis</i> Girault....	224	<i>idea</i>	239
<i>Aphelinus</i> Dalman.....	221	<i>armata</i> Malloch, <i>Mydaea</i>	204
<i>mali</i> Haldeman.....	222	<i>armatus</i> var. <i>nigriventris</i> Gir-	
<i>varicornis</i> Girault.....	221	ault , <i>Anagrus</i>	226
Aphididae	154	<i>arpidia</i> Malloch, <i>Oscinoides</i>	191
<i>aphidiphagus</i> Knight, <i>Deraeo-</i>		<i>arpidia</i> var. <i>atra</i> Malloch, <i>Osci-</i>	
<i>coris</i>	146	<i>noides</i>	191
<i>Aphiochaeta</i> Brues.....	183	<i>arpidia</i> var. <i>elegans</i> Malloch, <i>Osc-</i>	
<i>aristalis</i> Malloch.....	183	<i>cinoides</i>	191
<i>bisetulata</i> Malloch.....	183	<i>arpidia</i> var. <i>humeralis</i> Malloch,	
<i>nasoni</i> Malloch.....	183	<i>Oscinoides</i>	191
<i>pallidiventris</i> Malloch....	184	Arthrolytus Thomson.....	219
<i>plebeia</i> Malloch.....	184	<i>aeneoviridis</i> Girault.....	219
<i>quadripunctata</i> Malloch....	184	Asilidae	182
<i>Aphis</i> Linnaeus.....	154	<i>Aspidiella</i> Leonardi.....	157
<i>cucumeris</i> Forbes.....	154	<i>comstocki</i> (Johnson).....	157
<i>gossypii</i> Glover.....	154	<i>forbesi</i> (Johnson).....	157
<i>Aphycus</i> Mayr.....	217	<i>hartii</i> (Cockerell).....	158
<i>stomachosus</i> Girault.....	217	<i>Aspidiotus</i> Bouché:.....	157
<i>apicalis</i> Malloch, <i>Emmesomyia</i> ..	193	<i>aesculi</i> Johnson.....	157
<i>apicalis</i> Malloch, <i>Gaurax</i>	190	<i>comstocki</i> Johnson.....	157
<i>apicata</i> Malloch, <i>Bezzia</i>	163	<i>forbesi</i> Johnson.....	157
<i>Apocephalus</i> Coquillett.....	184	<i>hartii</i> Cockerell.....	158
<i>pictus</i> Malloch.....	184	<i>piceus</i> Sanders.....	158
<i>appendiculata</i> Malloch, <i>Typhlo-</i>		<i>ulmi</i> Johnson.....	158
<i>cyba</i>	151	<i>Aspilates</i> Treitschke.....	161
<i>appota</i> MacGillivray, <i>Messa</i>	251	<i>behrensaria</i> Hulst.	161
<i>approximata</i> Malloch, <i>Oxycera</i> ..	182	<i>Aspistes</i> Meigen.....	180
<i>aprilina</i> Malloch, <i>Agromyza</i>	192	<i>harti</i> Malloch.....	180

	PAGE
assaracus MacGillivray, Monophadnus	253
assimilis Malloch, Agromyza.....	193
Asteromyia Felt.....	180
agrostis Osten Sacken.....	180
<i>muhlenbergiae</i> (Marten).....	180
Astichus Foerster.....	222
bimaculatipennis Girault... ..	222
Astochus MacGillivray.....	237
aldrichi MacGillivray.....	237
<i>fletcheri</i> MacGillivray.....	237
aterrima Malloch, Galgupha.....	148
aterrima Malloch, Tiphia.....	229
aterrima Van der Wulp, Pogonomyia	207
athene McAtee, Typhlocyba.....	151
atra MacGillivray, Messa.....	270
atra Malloch, Forbesomyia.....	180
atracornus MacGillivray, Monophadnus	253
atracostus MacGillivray, Tenthredo	261
atrata MacGillivray, Blennocampa	238
atrata MacGillivray, Pontania... ..	256
atratum MacGillivray, Isiodictium (sic).....	249
atravenus MacGillivray, Tenthredo	262
atrifrons Malloch, Gimnometra..	185
atrum MacGillivray, Phrontosoma	256
attenuata Malloch, Hylemyia... ..	201
Aulacidea Ashmead.....	215
bicolor (Gillette).....	215
<i>solidaginis</i> (Girault).....	215
tumida Bassett.....	215
aulatus MacGillivray, Amauronematus	269
Aulax Hartig.....	215
bicolor Gillette.....	215
aurea Malloch, Forcipomyia.....	171
aurifrons Malloch, Schoenomyza	208
<i>australis</i> Metcalf, Herpis.....	153
Aylax Hartig.....	214
bicolor (Gillette).....	214
gilletti Kieffer.....	214
laciniatus (Gillette).....	214
<i>minor</i> (Gillette).....	214
rufus (Gillette).....	214
B	
badia (Bassett), Callirhytis.....	215
Baetis Leach.....	144
harti McDunnough.....	144
pallidula McDunnough.....	144

	PAGE
bakeri MacGillivray, Neocharactus	254
bakeri Rohwer, Euura.....	248
balanata MacGillivray, Itycorsia	235
balata MacGillivray, Itycorsia ..	235
ballista MacGillivray, Itycorsia ..	235
banksi Malloch, Andrena.....	231
basalis Malloch, Chironomus... ..	164
basalis Walker, Ceresa.....	149
basiseta Malloch, Phaonia.....	206
Bassus Fabricius.....	211
acrobasisdis Cushman.....	211
Beckerina Malloch.....	184
luteola Malloch.....	184
beeriana Bird, Papaipema.....	162
<i>behrensaria</i> Hulst, Aspilates... ..	161
bellula MacGillivray, Macrophya	250
bellulus Melander, Nemetelus... ..	182
bethunei MacGillivray, Metallus ..	251
bethunei Sanders, Hoplogryon.. ..	213
Bezzia Kieffer.....	163
albidorsata Malloch.....	163
apicata Malloch.....	163
cockerelli Malloch.....	163
dentata Malloch.....	163
flavitaris Malloch.....	163
Bibionidae	180
bicaudata Malloch, Hylemyia... ..	201
bicolor Gillette, Antistrophus... ..	214
bicolor Gillette, Aulax.....	215
bicolor Girault, Uscanella.....	225
bicolor MacGillivray, Macroxyela	234
bicolor Metcalf, Bruchomorpha.. ..	152
bicolor Norton, Trichiosoma... ..	268
bicolorata Malloch, Aricia.....	197
bicornis MacGillivray, Macremphytus	250
bicrucata Malloch, Hylemyia... ..	201
bifasciatipennis Girault, Stichothrix	229
bifasciatus Malloch, Orthocladius	173
Bigotomyia Malloch.....	197
californiensis Malloch.....	197
bilineata MacGillivray, Macrophya	250, 269
bilineatus MacGillivray, Tenthredo	262
<i>bimaculata</i> Woodworth, Gypona..	151
bimaculatipennis Girault, Astichus	222
bipartita Cresson, Selandria... ..	260

	PAGE		PAGE
bipunctatus MacGillivray, Mono-	253	Bruchomorpha Newman.....	152
phadnus		bicolor Metcalf.....	152
<i>bipunctulata</i> Woodworth, Gypona	151	decorata Metcalf.....	152
bisetulata Malloch, Apbiochaeta	183	vittata Metcalf.....	152
bispina Malloch, Botanobia.....	190	bruesii Melander, Nemotelus....	182
bispinosa Malloch, Helina.....	199	buccata Malloch, Xenomydaea..	209
Biston Leach.....	161	buffae Hood, Trichothrips.....	145
ypsilon Forbes.....	161		
Bithoracochaeta Stein.....	198	C	
<i>femoralis</i> (Van der Wulp)..	198	caedura MacGillivray, Empria..	245
leucoprocta Wied.....	198	caeca MacGillivray, Empria....	245
Bivena MacGillivray.....	269	caecilii Girault, Alaptus.....	226
maria MacGillivray.....	269	Caenolyda Konow.....	234
blaisdelli Cresson, Sapromyza...	187	onekama MacGillivray.....	234
Blattidae	144	caerulescens Ashmead, Tetrasti-	223
Blennocampa Hartig.....	238	chus	
abjecta MacGillivray.....	238	caerulescens Malloch, Mede-	183
abnorma MacGillivray.....	238	terus	
absona MacGillivray.....	238	caetrata MacGillivray, Empria..	245
acuminata MacGillivray....	238	<i>caffrei</i> Flint and Malloch, Py-	
adusta MacGillivray.....	238	rausta	161
amara MacGillivray.....	238	cahita Hebard, Panchlora.....	144
angulata MacGillivray.....	238	calapooyae Hebard, Melanoplus..	142
antennata MacGillivray....	238	caldia MacGillivray, Empria....	245
aperta MacGillivray.....	238	californiensis Malloch, Bigoto-	
atrata MacGillivray.....	238	myia	197
typicella MacGillivray.....	238	Caliroa Costa.....	238
Blepharoceridae	181	labrata MacGillivray.....	238
Boletina Staeger.....	179	lacinata MacGillivray.....	238
punctus Garrett.....	179	lata MacGillivray.....	238
Bolitophila Meigen.....	179	laudata MacGillivray.....	238
subteresa Garrett.....	179	lineata MacGillivray.....	238
bonnarius Johnson, Nemotelus..	182	liturata MacGillivray.....	238
Borboridae	186	lohata MacGillivray.....	239
Borborus Meigen.....	186	lorata MacGillivray.....	239
scriptus Malloch.....	186	loricata MacGillivray.....	239
borealis Garrett Diamesa.....	170	lunata MacGillivray.....	239
borealis MacGillivray, Dolerus..	240	nortonia MacGillivray.....	239
<i>borealis</i> MacGillivray, Taxonus..	261	callida MacGillivray, Empria....	245
Botanobia Lioy.....	190	Callipterus Koch.....	154
bispina Malloch.....	190	caryaefoliae Davis.....	154
hinkleyi Malloch.....	190	quercifolii Thomas.....	154
spiniger Malloch.....	190	ulmicola Thomas.....	154
brachycarpae Rohwer, Euura... 248		ulmifolii Monell.....	154
brachyneura Malloch, Metrioc-		Callirhytis Foerster.....	215
nemus	173	badia (Bassett).....	215
Braconidae	210	corallosa Weld.....	215
brevicornis Ashmead, Nasonia..	220	ellipsoida Weld.....	215
brevicornis Hart, Tychea.....	157	elliptica Weld.....	215
brevicornis Malloch, Tetramer-		enigma Weld.....	215
inx	209	lanata (Gillette).....	216
brevinervis Malloch, Orthocla-		marginata Weld.....	215
adius (Dactylocladius).....	173	maxima Weld.....	215
brevipilosa Malloch, Mydaea... 204		rubida Weld.....	215
brevispina Malloch, Phaonia... 206		callosa MacGillivray, Empria... 245	
hrevitarsis Malloch, Hylemyia.. 201		Calophya Fr. Loew.....	154
		pallidula McAtee.....	154

PAGE	PAGE
calyptrata Malloch, <i>Agromyza</i> ..	<i>Cedusa</i> Fowler.....
campestris Curran, <i>Peleteria</i> ..	<i>australis</i> (Metcalf).....
Campsurus Eaton.....	<i>praecox</i> Van Duzee.....
<i>primus</i> McDunnough.....	<i>celebrata</i> MacGillivray, Empria..
Camptocladus Van der Wulp... 163	<i>celsa</i> MacGillivray, Empria.....
<i>flavens</i> Malloch.....	Cephaleia Panzer.....
<i>flavibasis</i> Malloch.....	<i>criddlej</i> MacGillivray.....
<i>lasiophthalmus</i> Malloch.....	<i>dissipator</i> MacGillivray.....
<i>lasiops</i> Malloch.....	<i>distincta</i> MacGillivray.....
<i>subaterrimus</i> Malloch.....	<i>jenseni</i> MacGillivray.....
Camptogramma Stephens.....	Cerambycidae
<i>neomexicana</i> (Hulst).....	Ceratopogon Meigen.....
Camptoptera Foerster.....	<i>fusinervis</i> Malloch.....
<i>pulla</i> Girault.....	Ceratulus MacGillivray.....
Camptylochila Stephens.....	<i>spectabilis</i> MacGillivray.....
<i>forbesi</i> (French).....	Ceresa Amyot and Serville.....
<i>canadensis</i> Aldrich, <i>Lasiosina</i> ..	<i>basalis</i> Walker.....
<i>canadensis</i> Malloch, <i>Fannia</i>	<i>turbida</i> Goding.....
<i>canarsiae</i> Ashmead, <i>Apanteles</i> ..	<i>cerina</i> MacGillivray, Empria.....
<i>canarsiae</i> Ashmead, <i>Limneria</i>	<i>cervinus</i> MacGillivray, <i>Cratero-</i>
(<i>Siphonophorus</i>).....	<i>cercus</i>
<i>canarsiae</i> Ashmead, <i>Spilocryptus</i>	<i>cetaria</i> MacGillivray, Empria... 247
<i>candidula</i> MacGillivray, Empria 245	Ceyxia Girault.....
<i>canora</i> MacGillivray, Empria... 246	<i>paraguayensis</i> Girault.....
<i>capillata</i> MacGillivray, Empria.. 246	Chaetostricha Walker.....
<i>capitatus</i> MacGillivray, <i>Tenth-</i>	<i>flavipes</i> Girault.....
<i>redo</i>	Chaitophorus Koch.....
<i>caprina</i> MacGillivray, Empria... 246	<i>flavus</i> Forbes.....
<i>captiosa</i> MacGillivray, Empria.. 246	<i>negundinis</i> Thomas.....
<i>carbacea</i> MacGillivray, Empria. 246	<i>quercicola</i> Monell.....
<i>carinatus</i> Forbes, <i>Tetrastichus</i> .. 223	<i>quercifolii</i> (Thomas).....
<i>cariosa</i> MacGillivray, Empria... 246	Chalcididae
<i>caryae</i> Norton, <i>Selandria</i>	Charadrella Van der Wulp.....
<i>caryaefoliae</i> Davis, <i>Callipterus</i> . 154	<i>macrosoma</i> Van der Wulp.. 197
<i>casca</i> MacGillivray, Empria... 246	Chermidae
<i>casta</i> MacGillivray, Empria.... 246	Chionaspis Signoret.....
<i>castigata</i> MacGillivray, Empria. 246	<i>americana</i> Johnson.....
<i>cata</i> MacGillivray, Empria..... 246	<i>gleditsiae</i> Sanders.....
Catolaccus Thomson.....	Chironomidae
<i>cyaneus</i> Girault.....	Chironomus Meigen.....
Catorhintha Stål.....	<i>abbreviatus</i> Malloch.....
<i>flava</i> Fracker.....	<i>abortivus</i> Malloch.....
caudelli Coquillett, <i>Johannsen-</i>	<i>albovidis</i> Malloch.....
<i>omyia</i>	<i>basalis</i> Malloch.....
<i>cauduca</i> MacGillivray, Empria.. 246	<i>claripennis</i> Malloch.....
Caulocampus Rohwer.....	<i>colei</i> Malloch.....
<i>acericaulis</i> (MacGillivray).. 257	<i>crassicaudatus</i> Malloch.....
Caupolicana Spinola.....	<i>curtillamellatus</i> Malloch.....
<i>malvacearum</i> Cockerell.....	<i>digitatus</i> Malloch.....
causatus MacGillivray, <i>Tenth-</i>	<i>dimorphus</i> Malloch.....
<i>redo</i>	<i>dorneri</i> Malloch.....
<i>cauta</i> MacGillivray, Empria.... 246	<i>fallax</i> Johannsen.....
<i>cava</i> MacGillivray, Empria.... 246	<i>fasciventris</i> Malloch.....
<i>cavata</i> MacGillivray, Empria... 246	<i>fulvus</i> Johannsen.....
	<i>fusicornis</i> Malloch.....
	<i>fusciventris</i> Malloch.....

PAGE	PAGE		
griseopunctatus Malloch.....	166	ciuguliventris Girault, Cocco-	222
griseus Malloch.....	166	phagus	
harti Malloch.....	166	circinus MacGillivray, Mono-	252
illinoensis Malloch.....	166	phadnoides	
illinoensis var. decoloratus		circulus MacGillivray, Cratero-	240
Malloch	167	cercus	
incognitus Malloch.....	167	cirrho MacGillivray, Empria....	247
indistinctus Malloch.....	167	cista MacGillivray, Empria....	247
macateei Malloch.....	167	cistula MacGillivray, Empria...	247
neomodestus Malloch.....	167	cithara MacGillivray, Empria...	247
nigrohalteralis Malloch.....	167	citreibasis Malloch, Phaonia....	206
nigrovittatus Malloch.....	167	citrefemorata Watt, Agromyza.	193
nitidellus Coquillett.....	168	citrefrons Malloch, Sapromyza	
obscuratus Malloch.....	168	(Sapromyzosoma)	187
parvilamellatus Malloch....	168	citripes Ashmead, Polynema....	228
pseudoviridis Malloch.....	168	Claremontia Rohwer.....	239
quadripunctatus Malloch....	168	typica Rohwer.....	239
serus Malloch.....	168	clarimaculosa Girault, West-	
subaequalis Malloch.....	169	woodella	226
tentans var. pallidivittatus		claripennis Malloch, Chironomus	164
Malloch	169	claripennis Malloch, Protenthes	176
tenuicaudatus Malloch.....	169	Cleridae	159, 232
utahensis Malloch.....	169	Clinocentrus Haliday.....	211
varipennis Coquillett.....	169	americanus Weed.....	211
Chloropidae	189	niger Ashmead.....	211
Chloropisca Loew.....	190	Clinoptera Van der Wulp.....	197
glabra var. clypeata Malloch	190	hieroglyphica Van der Wulp	197
obtusa Malloch.....	190	clisiocampae Fitch, Dibrachys..	220
parviceps Malloch.....	190	clivicola Malloch, Limnophora..	203
Chrysomelidae	160	Clusia Haliday.....	184
Chrysotus Meigen.....	182	occidentalis Malloch.....	184
anomalous Malloch.....	182	Clusiidae	184
ciliatus Malloch.....	183	clypeolata Malloch, Tiphia.....	229
flavisetus Malloch.....	183	Cnemedon Egger.....	184
spinifer Malloch.....	183	trochanteratus Malloch.....	184
Chyromya R.-Desvoidy.....	192	Coccidae	157
concolor Malloch.....	192	Coccophagus Westwood.....	222
nigrimana Malloch.....	192	cinguliventris Girault.....	222
Cicadella Latreille.....	151	Coccus Linnaeus.....	150
gothica (Signoret).....	151	sorghellus Forbes.....	150
similis (Woodworth).....	151	trifolij Forbes.....	158
Cicadellidae	149	cockerelli Malloch, Bezzia....	163
Cicadidae	148	cockerelli Gillette, Dicraneura..	149
Cicadula Zetterstedt.....	149	Cockerellonis MacGillivray....	239
nigrifrons Forbes.....	149	occidentalis MacGillivray...	239
quadrilineatus Forbes.....	149	Coelinidea Viereck.....	212
sexnotata (Fallen).....	149	meromyza (Forbes).....	212
ciliatus Malloch, Chrysotus....	183	Coelinus Nees.....	212
cliccauda Malloch, Coenosia....	197	meromyzae Forbes.....	212
cilifera Malloch, Eulimnophora..	198	Coenocalpe Hübner.....	161
cilifera Malloch, Hylemyia....	201	polygrammata Hulst.....	161
cilifera Malloch, Sapromyza....	187	Coenosia Meigen.....	197
Cimbex Olivier.....	239	aliena Malloch.....	197
americana var. nortoni Mac-		anthracina Malloch.....	197
Gillivray	239	cilicauda Malloch.....	197
cinerea var. inornata McAtee,		denticornis Malloch.....	197
Piesma	147		

	PAGE		PAGE
<i>femorialis</i> Van der Wulp...	197	<i>condita</i> MacGillivray, Empria..	247
<i>fraterna</i> Malloch.....	198	<i>conductus</i> MacGillivray, Mono-	
<i>frisoni</i> Malloch.....	198	<i>phadnoides</i>	252
<i>laricata</i> Malloch.....	198	<i>conferta</i> MacGillivray, Empria..	247
<i>macrocera</i> Van der Wulp...	198	<i>confirmata</i> MacGillivray, Empria	247
<i>punctulata</i> Van der Wulp..	198	<i>conformis</i> Malloch, Tiphia....	229
<i>cogitans</i> Provancher, Tenthre-		<i>conformis</i> Malloch, Trichopticus	209
<i>della</i>	262	<i>confundum</i> MacGillivray, Trichi-	
<i>cogitatus</i> MacGillivray, Amauro-		<i>osoma</i>	267
<i>nematus</i>	269	<i>confusa</i> Curran, Peleteria.....	209
<i>cohaesus</i> MacGillivray, Dolerus.	240	<i>confusa</i> MacGillivray, Macro-	
<i>colei</i> Malloch, Chironomus.....	164	<i>phya</i>	250
Coleoptera	159, 232	<i>confusa</i> MacGillivray, Peri-	
<i>collaris</i> MacGillivray, Monophad-		<i>clista</i>	255
<i>noides</i>	252	<i>confusa</i> MacGillivray, Strongy-	
<i>collaris</i> MacGillivray, Phronto-		<i>logastroidea</i>	261
<i>soma</i>	256	<i>confusum</i> MacGillivray, Trichio-	
<i>collaris</i> MacGillivray, Profenusa	258	<i>soma</i>	267
<i>collaris</i> Van der Wulp, Hydro-		<i>confusus</i> Hy. Edwards, Hepialus	232
<i>phoria</i>	200	<i>confusus</i> Malloch, Tanytarsus..	178
Colletidae	231	<i>confusus</i> Norton, Leucopel-	
<i>coloradensis</i> Garrett, Anoros-		<i>monus</i>	249, 256
<i>toma</i>	186	<i>conjugatus</i> MacGillivray, Dole-	
<i>colosericeus</i> MacGillivray, Dol-		<i>erus</i>	241
<i>erus</i>	240	<i>conservativa</i> Malloch, Rhampho-	
<i>columna</i> MacGillivray, Empria..	247	<i>myia</i>	183
<i>comatus</i> Drake and Hottes, Ger-		<i>consimilata</i> Malloch, Helina....	199
<i>ris</i>	146	<i>consobrinus</i> Girault, Polynema.	238
<i>comes</i> var. <i>palimpsesta</i> McAtee,		<i>consobrinus</i> MacGillivray, Mono-	
<i>Erythroneura</i>	150	<i>phadnoides</i>	252
<i>comes</i> var. <i>pontifex</i> McAtee,		<i>consonus</i> MacGillivray, Mono-	
<i>Erythroneura</i>	150	<i>phadnoides</i>	252
<i>comes</i> var. <i>reflecta</i> McAtee,		<i>conspersus</i> MacGillivray, Mono-	
<i>Erythroneura</i>	150	<i>phadnoides</i>	252
<i>comes</i> var. <i>rufomaculata</i> Mc-		<i>conspiculata</i> MacGillivray,	
<i>Atee, Erythroneura</i>	150	<i>Monophadnoides</i>	252
<i>communis</i> Gillette, Dikraneura..	149	<i>conspicuus</i> MacGillivray, Mono-	
<i>comosipennis</i> Girault, West-		<i>phadnoides</i>	252
<i>woodella</i>	226	<i>constitutus</i> MacGillivray, Mono-	
<i>completus</i> MacGillivray, Am-		<i>phadnoides</i>	252
<i>auronematus</i>	269	<i>contexta</i> MacGillivray, Empria..	248
<i>compressus</i> Gillette, Acrapsis... 214		<i>contorta</i> MacGillivray, Empria..	248
Compsodryoxenus Ashmead.... 215		<i>contortus</i> MacGillivray, Mono-	
<i>illinoisensis</i> Weld.....	215	<i>phadnoides</i>	252
<i>comstocki</i> Johnson, Aspidiotus. 157		<i>convexa</i> MacGillivray, Poecil-	
Conalcaea Scudder..... 142		<i>ostoma</i>	256
<i>coyoteræ</i> Hebard.....	142	<i>convexifrons</i> Malloch, Schoen-	
<i>concessus</i> MacGillivray, Mono-		<i>omyza</i>	208
<i>phadnoides</i>	252	<i>cookii</i> Weed, Cremastus.....	212
<i>conciata</i> MacGillivray, Empria 247		<i>cookii</i> var. <i>rufus</i> Weed, Cremas-	
<i>concinna</i> Van der Wulp, Mydaea 204		<i>tus</i>	212
<i>conclisa</i> MacGillivray, Empria.. 247		<i>copiosa</i> Van der Wulp, Spilo-	
<i>concitata</i> MacGillivray, Empria. 247		<i>gaster</i>	208
<i>concolor</i> Malloch, Chyromya... 192		Coptereucoila Ashmead..... 216	
<i>concreta</i> MacGillivray, Empria. 247		<i>marginata</i> Gillette.....	216
<i>condensa</i> MacGillivray, Empria. 247			

PAGE	PAGE		
coracinus MacGillivray, Monophadnoides	252	criddlei Aldrich, Oscinis.....	191
corallosa Weld, Callirhytis.....	215	criddlei MacGillivray, Cephaloleia	234
cordatus MacGillivray, Monophadnoides	252	cristata Malloch, Hydrotæa....	201
cordleyi MacGillivray, Craterocercus	240	Cristatithorax Girault.....	218
Coreidae	148	pulcher Girault.....	218
Corimelaena White.....	148	crotchii H. Edwards, Pseudalypia	233
agrella McAtee.....	148	crotchii var. atrata Hy. Edwards, Pseudalypia.....	233
harti Malloch.....	148	Crymobia Loew.....	186
interrupta Malloch.....	148	petersoni (Malloch).....	185
minutissima Malloch.....	148	cucumeris Forbes, Aphis.....	154
polita Malloch.....	148	Culicoides Latreille.....	170
cornuticaudatus Walley, Tanypus	177	crepuscularis Malloch.....	170
corticis Hood, Neothrips.....	145	haematopotus Malloch.....	170
corticus MacGillivray, Pachynematus	254	hierglyphicus Malloch.....	170
Corynoneura Winnertz.....	169	multipunctatus Malloch....	170
similis Malloch.....	169	culpata MacGillivray, Empria... 248	
Corythucha Stål.....	147	cumulata MacGillivray, Empria. 248	
aesculi Osborn and Drake..	147	cuneata MacGillivray, Empria.. 248	
padi Drake.....	147	cupida MacGillivray, Empria... 248	
salicata Gibson.....	147	curata MacGillivray, Empria... 248	
corytus MacGillivray, Monophadnoides	252	Curculionidae	160
costalis MacGillivray, Monophadnoides	253	curiosus MacGillivray, Monophadnoides	253
costata MacGillivray, Empria... 248		curticollis Knab, Donacia.....	160
costillensis Viereck and Cockerell, Andrena.....	231	curtilamellatus Malloch, Chironomus	165
coyoterae Hebard, Conalcaea... 142		curvipes Malloch, Hylemyia... 201	
crambi Weed, Apanteles.....	211	cyaneus Girault, Catolaccus... 219	
crassata Garrett, Pseudoleria... 186		Cyclocercus Scudder.....	142
crassicaudatus Malloch, Chironomus	165	gracilis Bruner.....	142
crassifemorata Malloch, Serromyia	177	Cydnidae	148
crassus MacGillivray, Monophadnoides	253	Cynipidae	214
Craterocercus Rohwer.....	240		
cervinus MacGillivray.....	240		
circulus MacGillivray.....	240		
cordleyi MacGillivray.....	240		
infuscatus MacGillivray.....	240		
Crekastus Gravenhorst.....	212		
cookii Weed.....	212		
cookii var. rufus Weed.....	212		
forbesi Weed.....	212		
hartii Ashmead.....	213		
crepuscularis Malloch, Culicoides	170		
Cricotopus Van der Wulp.....	170		
flavibasis Malloch.....	170		
slossonae Malloch.....	170		

D

daeckei MacGillivray, Phrontosoma	256
daedala MacGillivray, Pontania. 257	
Dasyopa Malloch.....	190
pleuralis Malloch.....	190
deceptiva Malloch, Agromyza... 193	
decoloratus Malloch, Tanypus.. 177	
decorata Metcalf, Bruchomorpha	152
decrepita MacGillivray, Pontania	257
dedecora MacGillivray, Pontania	257
dediticus MacGillivray, Hemitaxonus	248
deleta Van der Wulp, Leucomeliina	203
delicatula MacGillivray, Pontania	270

	PAGE		PAGE
Delphacodes Fieber.....	153	<i>discimana</i> Malloch, Mydaea....	205
<i>alexanderi</i> (Metcalf).....	153	Disholcaspis Dalla Torre and	
<i>fulvidorsum</i> (Metcalf).....	153	Kieffer	216
<i>deminuta</i> MacGillivray, Pon-		<i>globosa</i> Weld.....	216
<i>tania</i>	270	<i>terrestris</i> Weld.....	216
<i>demissa</i> MacGillivray, Pontania.	257	<i>dissimilis</i> Malloch, Orthochaeta.	185
<i>dentata</i> Malloch, Bezzia.....	163	<i>dissipator</i> MacGillivray, Cepha-	
<i>dentatus</i> MacGillivray, Pamphi-		<i>leia</i>	234
<i>lius</i>	235	<i>distichliae</i> Malloch, Anthraco-	
<i>denticornis</i> Malloch, Coenosia..	197	<i>phaga</i>	189
<i>depressata</i> MacGillivray,		<i>distincta</i> Garrett, Macrocera....	179
<i>Strongylogastroidea</i>	261	<i>distincta</i> MacGillivray, Cepha-	
Deraeocoris Kirschbaum.....	146	<i>leia</i>	234
<i>aphidiphagus</i> Knight.....	146	<i>distincta</i> MacGillivray, Macro-	
<i>quercicola</i> Knight.....	146	<i>xyela</i>	234
<i>derosa</i> MacGillivray, Pontania..	257	<i>distinctus</i> MacGillivray, Mono-	
<i>desidiosus</i> MacGillivray, Dimor-		<i>phadnus</i>	253
<i>phopteryx</i>	240	<i>distinctus</i> Malloch, Orthocladi-	
<i>destricta</i> MacGillivray, Pontania	257	<i>us</i> (<i>Trichocladus</i>).....	174
<i>destructor</i> Malloch, Agromyza..	193	<i>distinctus</i> var. <i>basalis</i> Malloch,	
<i>devincta</i> MacGillivray, Pontania	257	<i>Orthocladus</i> (<i>Trichocladus</i>)..	174
Diamesa Meigen.....	170	<i>distinctus</i> var. <i>bicolor</i> Malloch,	
<i>borealis</i> Garrett.....	170	<i>Orthocladus</i> (<i>Trichocladus</i>)..	174
<i>diantherae</i> Malloch, Limno-		Dolerus Jurine.....	210, 240
<i>agromyza</i>	196	<i>acritus</i> MacGillivray.....	240
Diapridotus Leonardi.....	157	<i>agcistus</i> MacGillivray.....	240
<i>aesculi</i> (Johnson).....	157	<i>apriloides</i> MacGillivray.....	240
<i>piceus</i> (Sanders).....	158	<i>borealis</i> MacGillivray.....	240
Diastictis Hübner.....	161, 232	<i>cohaesus</i> MacGillivray.....	240
<i>floridensis</i> Hulst.....	161	<i>colosericeus</i> MacGillivray....	240
<i>speciosa</i> Hulst.....	232	<i>conjugatus</i> MacGillivray....	241
Diastrophus Hartig.....	216	<i>dysporus</i> MacGillivray.....	241
<i>scutellaris</i> Gillette.....	216	<i>graenicheri</i> MacGillivray....	241
Dibrachys Foerster.....	220	<i>iterus</i> MacGillivray.....	241
<i>elisiocampae</i> Fitch.....	220	<i>inspectus</i> MacGillivray.....	241
<i>gelechiae</i> (Webster).....	220	<i>inspiratus</i> MacGillivray.....	241
Dicranota Zetterstedt.....	162	<i>konowi</i> MacGillivray.....	241
<i>iowa</i> Alexander.....	162	<i>lesticus</i> MacGillivray.....	241
<i>digestus</i> MacGillivray, Amau-		<i>luctatus</i> MacGillivray.....	241
<i>ronematus</i>	269	<i>minusculeus</i> MacGillivray....	241
<i>digitatus</i> Malloch, Chironomus..	165	<i>monocericeus</i> MacGillivray..	241
Dikraneura Hardy.....	149	<i>napaeus</i> MacGillivray.....	241
<i>cockerelli</i> Gillette.....	149	<i>narratus</i> MacGillivray.....	242
<i>communis</i> Gillette.....	149	<i>nasutus</i> MacGillivray.....	242
<i>mali</i> Provancher.....	149	<i>nativus</i> MacGillivray.....	242
<i>diluta</i> Cresson, Selandria.....	260	<i>nauticus</i> MacGillivray.....	242
Dimorphopteryx Ashmead.....	240	<i>necessarius</i> MacGillivray....	242
<i>desidiosus</i> MacGillivray....	240	<i>necosericeus</i> MacGillivray....	242
<i>enucleatus</i> MacGillivray....	240	<i>nectareus</i> MacGillivray.....	242
<i>ithacus</i> MacGillivray.....	240	<i>nefastus</i> MacGillivray.....	242
<i>morsei</i> MacGillivray.....	240	<i>negotiosus</i> MacGillivray.....	242
<i>oronis</i> MacGillivray.....	240	<i>nemorosus</i> MacGillivray....	242
<i>salinus</i> MacGillivray.....	240	<i>neogcistus</i> MacGillivray....	242
<i>scopulosus</i> MacGillivray....	240	<i>neoaprilis</i> MacGillivray....	242
<i>dimorphus</i> Malloch, Chironomus	165	<i>neocollaris</i> MacGillivray....	242
Diptera	162	<i>neosericeus</i> MacGillivray....	242

	PAGE		PAGE
neostagnus MacGillivray	210, 242	dubitata MacGillivray, Tenthredo	262
nepotulus MacGillivray	243	dubitatus MacGillivray, Tenthredo	262
nervosus MacGillivray	243	dubius Malloch, Tanytarsus	178
nescius MacGillivray	243	duplicata Malloch, Hylemyia	201
nicaeus MacGillivray	243	Dysmigla Warren	233
nidulus MacGillivray	243	<i>julia</i> (Hulst)	233
nimbosus MacGillivray	243	loricaria Eversmann	233
nivatus MacGillivray	243	dysporus MacGillivray, Dolerus	241
nocivus MacGillivray	243		
nocuus MacGillivray	243	E	
nominatus MacGillivray	243	edessa MacGillivray, Pteronidea	258
novellus MacGillivray	243	edita MacGillivray, Pteronidea	258
novicius MacGillivray	243	edura MacGillivray, Pteronidea	258
nugatorius MacGillivray	243	edwardsii var. ruficornata (MacGillivray), Laurentia	237
numerosus MacGillivray	243	effeta MacGillivray, Pteronidea	258
nummarius MacGillivray	243	effrenatus MacGillivray, Pteronidea	258
nummatus MacGillivray	244	effusa MacGillivray, Pteronidea	259
nundinus MacGillivray	244	egeria MacGillivray, Pteronidea	259
nuntius MacGillivray	244	egnatia MacGillivray, Pteronidea	259
nutricius MacGillivray	244	egregia Brues, Phora	184
nyctelius MacGillivray	244	Eidcamoeba Garrett	185
parasericeus MacGillivray	244	luteoala Garrett	185
plesius MacGillivray	244	Elasmidae	221
polysericeus MacGillivray	244	Elasmus Westwood	221
refugus MacGillivray	244	<i>meteorii</i> Ashmead	221
simulans Rohwer	244	electa MacGillivray, Periclista	255
stagnus MacGillivray	244	electra MacGillivray, Pteronidea	259
tectus MacGillivray	244	elegans Malloch, Thyanta	148
Dolichopodidae	182	elegans Spuler, Leptocera (Scotophilella)	186
Dolichopus Latreille	183	<i>elegantula</i> Malloch, Forcipomyia	171
<i>idahoensis</i> (Aldrich)	183	elelea MacGillivray, Pteronidea	259
Donacia Fabricius	160	ellipsoidea Weld, Callirhytis	215
<i>curticollis</i> Knab	160	Elliptera Schiner	162
<i>dorneri</i> Malloch, Chironomus	165	<i>illini</i> Alexander	162
<i>dorothea</i> Dyar, Macrurocampa	233	elliptica Weld, Callirhytis	215
<i>dorsalis</i> var. <i>partita</i> Malloch, Schoenomyza	208	<i>elongatus</i> Hart, Nabis	147
<i>dorsalis</i> var. <i>sulfuriceps</i> Malloch, Schoenomyza	208	emarginatus MacGillivray, Mogerus	252
<i>dorsimaculata</i> Van der Wulp, Anthomyia	197	emerita MacGillivray, Pteronidea	259
<i>dorsovittata</i> Malloch, Eulimnophora	199	emmesia Malloch, Pegomyia	205
<i>dotata</i> MacGillivray, Pontania	257	Emmesomyia Malloch	198, 200
Drepanaphis Del Guercio	156	<i>apicalis</i> Malloch	198
<i>acerifoliae</i> (Thomas)	156	<i>flavipalpis</i> (Van der Wulp)	200
Drepanulatrix Gump	161	<i>unica</i> Malloch	198
<i>bchrensaria</i> (Hulst)	161	Emphytus Klug	244
<i>unicalcararia</i> Guenée	161	<i>gemitus</i> MacGillivray	244
Drosophilidae	191	<i>gillettei</i> MacGillivray	244
Dryophanta Foerster	216		
<i>lanata</i> Gillette	216		
<i>dubia</i> Norton, Tenthredo (Alantus)	262		
<i>dubiosa</i> Van Duzee, Telamona	149		

	PAGE		PAGE
halesus MacGillivray.....	244	contexta MacGillivray.....	248
haliartus MacGillivray.....	245	contorta MacGillivray.....	248
halitus MacGillivray.....	245	convexa (MacGillivray).....	248, 256
haustus MacGillivray.....	245	costata MacGillivray.....	248
heroicus MacGillivray.....	245	culpata MacGillivray.....	248
hiatus MacGillivray.....	245	cumulata MacGillivray.....	248
hiulcus MacGillivray.....	245	cuneata MacGillivray.....	248
hospitus MacGillivray.....	245	cupida MacGillivray.....	248
hyacinthus MacGillivray....	245	curata MacGillivray.....	248
yuasi MacGillivray.....	245	evecta MacGillivray.....	248
Empididae	183	fragariae Rohwer.....	248
Empoa Fitch.....	149	kincaidii (MacGillivray)....	253
<i>albopicta</i> Forbes.....	149	enavata MacGillivray, Pteroni-	
Empoasca Walsh.....	149	<i>dea</i>	259
<i>albopicta</i> (Forbes).....	149	Encarsia Foerster.....	222
<i>mali</i> (LeBaron).....	149	<i>versicolor</i> Girault.....	222
Empria Lepeletier.....	245, 254, 256	<i>enchenopae</i> Girault, Polynema..	228
<i>cadurca</i> MacGillivray.....	245	Encyrtidae	217
<i>caeca</i> MacGillivray.....	245	<i>enigma</i> Weld, Callirhytis.....	215
<i>caetrata</i> MacGillivray.....	245	Enoclerus Gahan.....	159
<i>calda</i> MacGillivray.....	245	<i>liljebladi</i> Wolcott.....	159
<i>callida</i> MacGillivray.....	245	<i>entella</i> MacGillivray, Periclista..	256
<i>callosa</i> MacGillivray.....	245	<i>enucleatus</i> MacGillivray, Dimor-	
<i>candidula</i> MacGillivray.....	245	<i>phopteryx</i>	240
<i>cauora</i> MacGillivray.....	246	Ephemerida	144
<i>capillata</i> MacGillivray.....	246	Ephemeridae	144
<i>caprina</i> MacGillivray.....	246	Epipteromalus Ashmead.....	219
<i>captiosa</i> MacGillivray.....	246	<i>algonquinensis</i> Ashmead....	219
<i>carbasa</i> MacGillivray.....	246	<i>epischnioides</i> Hulst, Zophodia..	232
<i>cariosa</i> MacGillivray.....	246	<i>epos</i> Girault, Anagrus.....	226
<i>casca</i> MacGillivray.....	246	<i>equatia</i> MacGillivray, Pteronidea	259
<i>casta</i> MacGillivray.....	246	<i>equina</i> MacGillivray, Pteronidea	259
<i>castigata</i> MacGillivray.....	246	Eremomyiodes Malloch.....	198
<i>cata</i> MacGillivray.....	246	<i>fuscipes</i> Malloch.....	198
<i>cauduca</i> MacGillivray.....	246	<i>similis</i> Malloch.....	198
<i>cauta</i> MacGillivray.....	246	<i>erigeronensis</i> Thomas, Tychea..	157
<i>cava</i> MacGillivray.....	246	Eriocampidea Konow.....	239
<i>cavata</i> MacGillivray.....	246	<i>arizonensis</i> Ashmead.....	239
<i>celebrata</i> MacGillivray.....	246	<i>occidentalis</i> (MacGillivray)..	239
<i>celsa</i> MacGillivray.....	246	<i>eriococci</i> Girault, Alaptus.....	226
<i>cerina</i> MacGillivray.....	246	<i>erratus</i> MacGillivray, Pteronidea	259
<i>cetaria</i> MacGillivray.....	247	<i>erudita</i> MacGillivray, Pteroni-	
<i>cirrha</i> MacGillivray.....	247	<i>dea</i>	259
<i>cista</i> MacGillivray.....	247	Erythraspides Ashmead.....	260
<i>cistula</i> MacGillivray.....	247	<i>caryae</i> (Norton).....	260
<i>cithara</i> MacGillivray.....	247	Erythroneura Fitch.....	149, 151
<i>columna</i> MacGillivray.....	247	<i>abolla</i> var. <i>lemnisca</i> McAtee	149
<i>conciolata</i> MacGillivray.....	247	<i>comes</i> var. <i>Palimpsesta</i> Mc-	
<i>conclisa</i> MacGillivray.....	247	<i>Atee</i>	150
<i>concitata</i> MacGillivray.....	247, 254	<i>comes</i> var. <i>pontifex</i> McAtee	150
<i>concreta</i> MacGillivray.....	247	<i>comes</i> var. <i>reflecta</i> McAtee.	150
<i>condensa</i> MacGillivray.....	247	<i>comes</i> var. <i>rufomaculata</i>	
<i>condita</i> MacGillivray.....	247	<i>McAtee</i>	150
<i>conferta</i> MacGillivray.....	247	<i>ligata</i> var. <i>pupillata</i> McAtee	150
<i>confirmata</i> MacGillivray....		<i>lunata</i> McAtee.....	150
.....	247, 254		

	PAGE		PAGE
mallochj McAtee.....	150	fallax Johannsen, Chironomus..	165
mitella McAtee.....	150	Fannia R-Desvoidy.....	199
oculata McAtee.....	150	canadensis Malloch.....	199
repetita McAtee.....	150	lasiops Malloch.....	199
scutelleris var. insolita Mc-		latifrons Malloch.....	199
Atee	150	spathiophora Malloch.....	199
sexpunctata Malloch, Ery-		trianguligera Malloch.....	199
thronera	150	fasciata Girault, Signiphora....	218
tectata McAtee.....	150	fasciiventris Girault, Prospal-	
Eucoila Westwood.....	216	tella	222
septemspinosa Gillette....	216	fasciatus Girault, Gonatocerus..	222
Eucoilidea Ashmead.....	216	fasciventris Malloch, Chirono-	
rufipes Gillette.....	216	mus	165
Euforcipomyia Malloch.....	170	fasciventris Malloch, Gimno-	
hirtipennis Malloch.....	170	mera	185
longitarsis Malloch.....	171	faunum Girault, Stethynium....	229
Euklastus Metcalf.....	152	fax Girault, Signiphora.....	218
hartj Metcalf.....	152	felti Malloch, Agromyza.....	193
Eulimnophora Malloch.....	198	<i>femoratis</i> Van der Wulp, Coe-	
cilifera Malloch.....	198	nosia	197, 198
dorsovittata Malloch.....	199	fenestrata Malloch, Zygoneura..	180
Eulophidae	221	Fentonia Butler.....	233
Eupachygaster Kertesz.....	181	dorothea (Dyar).....	233
henshawii Malloch.....	181	fernaldi MacGillivray, Tenth-	
punctifer Malloch.....	181	redo	262
Eupelmidae	219	fernaldii MacGillivray, Tenth-	
Eupelmus Dalman.....	219	redo	262
allynii (French).....	219	fistula MacGillivray, Macrophy-	
euprocitidis Girault, Pentarthron	225	flaccida MacGillivray, Macro-	
euryceps Ellis, Halictus.....	231	phyta	250
Eurytoma Illiger.....	217	flava Fracker, Catorhintha.....	148
paraguayensis Girault.....	217	flava Girault, Signiphora.....	218
Eurytomidae	217	flava Metcalf, Microletrida....	153
Euschistus Dallas.....	148	flavella Girault, Signiphora.....	218
subimpunctatus Malloch....	148	flavens Malloch, Camptocladus..	163
Euura Newman.....	210, 248, 269	flaviatilis Bruner, Melanoplus..	143
abortiva MacGillivray.....	269	flavibasis Alexander, Tipula....	162
arctica MacGillivray.....	269	flavibasis Malloch, Camptocla-	
hakeri Rohwer.....	248	dius	163
hrachycarpae Rohwer.....	248	flavibasis Malloch, Cricotopus..	170
maculata MacGillivray.....	248	flavicauda Malloch, Tanytarsus..	178
minuta MacGillivray.....	248	flavicornis Knight, Plagiogna-	
moenia MacGillivray.....	248	thus	146
salicicola Smith.....	210	<i>flavicornis</i> Malloch, Ariciella....	197
evanescens Westwood, Tricho-		flavidula Malloch, Johannsen-	
gramma	224	omyia	172
evanida MacGillivray, Pteroni-		flavidulus Malloch, Gaurax.....	190
dea	259	flavinervis Malloch, Pogonomyia	207
evecta MacGillivray, Empria....	248	<i>flavipalpis</i> Malloch, Meromyza... 191	
exacta MacGillivray, Pteronidea	259	flavipalpis Van der Wulp, Hydro-	
excessus MacGillivray, Pteroni-		phoria	200
dea	259	flavipes Girault, Chaetostricha..	224
extensa Malloch, Limnophora..	203	flavipes Hood, Idolothrips.....	145
extranea Hy. Edwards, Thia... 232		flavipes Hood, Gigantothrips....	145
extremitata Malloch, Hylemyia. 201		flavisetus Malloch, Chrysotus... 183	

	PAGE		PAGE
flavitaris Malloch, Bezzia.....	163	Fulgoridae	152
flavocentralis Watt, Agromyza..	193	fulvidorsum Metcalf, Liburnia..	153
flavofemorata Malloch, Platyphora	184	fulvipes Forbes, Pteromalus....	220
flavolateralis Watt, Agromyza..	193	fulvithorax Malloch, Probezia..	175
flavopleura Watt, Agromyza....	193	fulvus Johannsen, Chironomus..	166
flavopleura var. casta Watt, Agromyza	193	fulvus Metcalf, Pissonotus.....	154
flavoscutellatus Malloch, Orthocladius (Orthocladius).....	173	fulvus Metcalf, Traxus.....	154
flavus Forbes, Chaitophorus.....	155	fumicosta Malloch, Agromyza..	193
fletcheri MacGillivray, Astochus.	237	fumipennis Malloch, Neogaurax	191
fletcheri MacGillivray, Pamphilius	235	fumipennis Spuler, Leptocera (Collinella)	186
flexa Malloch, Andrena.....	231	Fundaspis MacGillivray.....	158
ficta MacGillivray, Macrophyta.	250	americana (Johnson).....	158
finti Malloch, Phorticoides....	187	funeralis Hart, Nemobius.....	142
floridana MacGillivray, Selandria	260	fuscibasis Malloch, Sapromyza..	187
floridensis Hulst, Diastictis.....	161	fuscicornis Malloch, Chironomus	166
floridensis Malloch, Xenocoenosia	209	fusinervis Malloch, Ceratopogon	169
forbesi Dalla Torre, Pteromalus	220	fuscipennis Girault, Prospaltella	223
forbesi Franch, Pseudaglossa....	162	fuscipes Malloch, Eremomyioides	198
forbesi Johnson, Aspidiotus....	157	fuscisquama Van der Wulp, Phorbia	207
forbesi Malloch, Simulium.....	181	fusciventris Malloch, Chironomus	166
forbesi Titus, Oecanthus.....	142	fuscofasciata Malloch, Pegomyia	206
forbesi Weed, Cremastus.....	212	fuscus Girault, Rhopodeus.....	218
forbesii (Ashmead) Aleurochiton	157	G	
Forbesomyia Malloch.....	180	Galgupha Amyot and Serville... 148	
atra Malloch.....	180	aterrima Malloch.....	148
Forcipomyia Meigen.....	171	garmani Ashmead, Protomicrop-litis	212
aurea Malloch.....	171	garmani Muesebeck, Microgaster	212
elegantula Malloch.....	171	Gaurax Loew.....	190
pergandei var. concolor Malloch	171	apicalis Malloch.....	190
Forda Heyden.....	155	flavidulus Malloch.....	190
occidentalis Hart.....	155	interruptus Malloch.....	190
fortuitus MacGillivray, Pamphilius	235	pallidipes Malloch.....	191
foveata Drake, Merragata.....	147	splendidus Malloch.....	191
foxii Davis, Phyllophaga.....	160	<i>golechia</i> Webster, Pteromalus..	220
fragariae Rohwer, Empria.....	248	gemitus MacGillivray, Emphytus	244
Fratercula Malloch, Sapromyza.	187	Geocoris Fallen.....	147
fraterna Malloch, Coenosia....	198	frisoni Barber.....	147
fraterna var. hyalina Garrett, Amoebaleria	185	Geoica Hart.....	155
fraterna var. mississippiensis Davis, Phyllophaga.....	159	squamosa Hart.....	155
fraxinifolii Thomas, Pemphigus.	155	Geometridae	161, 232
frigida MacGillivray, Tenthredo	270	Geomyzidae	192
fringilla Malloch, Pegomyia....	205	georgii Hulst, Plemyria.....	233
frisoni Alexander, Ormosia....	162	Gerridae	146
frisoni Barber, Geocoris.....	147	Gerris Fabricius.....	146
frisoni Malloch, Coenosia.....	198	comatus Drake and Hottes. 146	
		incurvatus Drake and Hottes	146
		nebularis Drake and Hottes	146
		notabilis Drake and Hottes.	146
		pingreensis Drake and Hottes	146

PAGE	PAGE		
gibsoni Malloch, <i>Agromyza</i>	193	scarlatina var. <i>pectoralis</i>	
Gigantothrips Zimmerman.....	145	Spangberg	151
<i>flavipes</i> (Hood).....	145	<i>woodworthi</i> Woodworth....	151
<i>gigas</i> Garrett, <i>Amoebaleria</i>	185	H	
gillettei MacGillivray, <i>Emphytus</i> 244		<i>haematopotus</i> Malloch, <i>Culi-</i>	
gillettei var. <i>apicata</i> McAtee,		<i>coides</i>	170
<i>Typhlocyba</i>	151	<i>halesus</i> MacGillivray, <i>Emphytus</i> 244	
gillettei var. <i>casta</i> McAtee,		<i>haliartus</i> MacGillivray, <i>Emphy-</i>	
<i>Typhlocyba</i>	151	<i>tus</i>	245
gillettei var. <i>saffrana</i> McAtee,		Halictidae	231
<i>Typhlocyba</i>	151	<i>Halictus</i> Latreille.....	231
Gimnomera Rondani.....	185	<i>euryceps</i> Ellis.....	231
<i>atrifrons</i> Malloch.....	185	Halisdota Hübner.....	233
<i>fasciventris</i> Malloch.....	185	<i>roseata</i> Walker.....	233
<i>incisurata</i> Malloch.....	185	<i>significans</i> Hy. Edwards....	233
<i>glabra</i> var. <i>clypeata</i> Malloch,		<i>halitus</i> MacGillivray, <i>Emphytus</i> 245	
<i>Chloropisca</i>	190	<i>halteralis</i> Malloch, <i>Johannseno-</i>	
<i>gleditsiae</i> Sanders, <i>Chionaspis</i> ..	158	<i>myia</i>	173
<i>globosa</i> Weld, <i>Disholcaspis</i>	216	<i>harti</i> Malloch, <i>Aspistes</i>	180
Glyphipterygidae	232	<i>harti</i> Malloch, <i>Chironomus</i>	166
Glypta Gravenhorst.....	213	<i>harti</i> Malloch, <i>Corimelaena</i>	148
<i>phoxopteridis</i> Weed.....	213	<i>harti</i> Malloch, <i>Phaonia</i>	206
Gomphus Leach.....	144	<i>harti</i> Malloch, <i>Sapromyza</i>	188
<i>lentulus</i> Needham.....	144	<i>harti</i> Malloch, <i>Tachydromia</i>	183
Gonaspis Ashmead.....	216	<i>harti</i> McDunnough, <i>Baetis</i>	144
<i>potentillae</i> Bassett.....	216	<i>harti</i> Metcalf, <i>Euklastus</i>	152
<i>scutellaris</i> (Gillette).....	216	<i>hartii</i> Ashmead, <i>Cremastus</i>	213
Gonatocerus Nees.....	227	<i>hartii</i> Cockerell, <i>Aspidiotus</i>	153
<i>fasciatus</i> Girault.....	227	<i>hartii</i> French, <i>Pallachira</i>	161
<i>pygmaeus</i> Girault.....	228	<i>hartii</i> Gillette, <i>Typhlocyba</i>	151
<i>rivalis</i> Girault.....	228	Hartomyia Malloch.....	171
<i>gossypii</i> Glover, <i>Aphis</i>	154	<i>antennalis</i> (Coquillett)....	171
<i>gothica</i> (Signoret), <i>Cicadella</i> ..	151	<i>lutea</i> Malloch.....	171
<i>gracilipennis</i> Spuler, <i>Leptocera</i>		<i>pallidiventris</i> Malloch.....	171
(<i>Scotophilella</i>)	186	<i>picta</i> (Coquillett).....	171
<i>gracilipes</i> Malloch, <i>Hylemyia</i> ..	202	<i>haustus</i> MacGillivray, <i>Emphytus</i> 245	
<i>gracilis</i> Bruner, <i>Cyclocercus</i>	142	Hebecenma Schnabl.....	199
<i>graenicheri</i> MacGillivray, <i>Dole-</i>		<i>affinis</i> Malloch.....	199
<i>rus</i>	241	Helina R.-Desvoidy.....	197, 199, 204
<i>grandis</i> Norton, <i>Tenthredella</i> ..	262	<i>algonquina</i> Malloch.....	199
<i>grisea</i> Malloch, <i>Scatophaga</i>	185	<i>bispinosa</i> Malloch.....	199
<i>griseopunctatus</i> Malloch, <i>Chiron-</i>		<i>consimilata</i> Malloch.....	199
<i>omus</i>	166	<i>copiosa</i> (Van der Wulp)....	208
<i>griseus</i> Malloch, <i>Chironomus</i> ..	166	<i>johnsoni</i> Malloch.....	199
<i>griseus</i> Walker, <i>Nemobius</i>	142	<i>linearis</i> Malloch.....	199
Gryllidae	142	<i>mimetica</i> Malloch.....	199
<i>guana</i> MacGillivray, <i>Pareophora</i>	255	<i>nasoni</i> Malloch.....	199
<i>guana</i> MacGillivray, <i>Pareophora</i> .	255	<i>neopoeicloptera</i> (Malloch)..	197
Gypona Germar.....	150	<i>nigribasis</i> Malloch.....	199
<i>albimarginata</i> Woodworth..	150	<i>nigrita</i> Malloch.....	200
<i>bimaculata</i> Woodworth.....	151	<i>parvula</i> (Van der Wulp)....	208
<i>bipunctulata</i> Woodworth....	151	<i>poecicloptera</i> (Malloch)....	197
<i>melanota</i> Spangberg.....	151	<i>signatipennis</i> (Van der	
<i>nigra</i> Woodworth.....	151	Wulp)	209
<i>scarlatina</i> var. <i>limbatipennis</i>		<i>socia</i> (Van der Wulp).....	204
Spangberg	150		

	PAGE		PAGE
spinilamellata Malloch.....	200	hoplites Spuler, Leptocera (Lep-	
tuberculata Malloch.....	200	tocera)	136
Helionche Grote.....	161	Hoplocampa Hartig.....	248
indiana Smith.....	161	padusa MacGillivray.....	248
Helomyzidae	185	pallipes MacGillivray.....	249
hemerocampae Girault, Tritnep-		Hoplogryon Ashmead.....	213
tis	220	bethunei Sanders.....	213
Hemiptera	146	Hormisa Walker.....	162
Hemitaxonus Ashmead.....	248	hartii (French).....	161
dediticus MacGillivray.....	248	orciferalis Walker.....	162
Hendaspidotus MacGillivray....	158	pupillaris Grote.....	162
ulmi (Johnson).....	158	hospitus MacGillivray, Emphy-	
henshawii Malloch, Eupachygaster		tus	245
ter	181	houghi Malloch, Hydrotaea.....	201
Hepialidae	232	houghi Malloch, Macrophorbia..	204
Hepialus Fabricius.....	232	hubbsi Liljeblad, Mordella.....	159
confusus Hy. Edwards.....	232	hyacinthus MacGillivray, Em-	
Heptagenia Walsh.....	144	phytus	245
integer McDunnough.....	144	hyalinipennis Girault, Tetrastich-	
hercules Girault, Anaphes.....	227	chodes	223
heroicus MacGillivray, Emphy-		hyalinipennis Girault, Tumidico-	
tus	245	coxa	217
Herpis Stål.....	153	hyalinus MacGillivray, Neotom-	
australis Metcalf.....	153	mostethus	254
Heterocampa Doubleday.....	233	hyalinus MacGillivray, Tenth-	
subrotata Harvey.....	233	redo	262
superba Hy. Edwards.....	233	Hydriomena Hübner.....	232
Heteromyia Say.....	171	neomexicana Hulst.....	232
aldrichi Malloch.....	171	Hydrophoria R.-Desvoidy.....	200
hirta Malloch.....	171	collaris Van der Wulp.....	200
opacithorax Malloch.....	172	flavipalpis Van der Wulp... 200	
tenuicornis Malloch.....	172	nigerrima Malloch.....	200
Heterothripidae	145	polita Malloch.....	200
Heterothrips Hood.....	145	proxima Malloch.....	200
arisaemae Hood.....	145	subpellucida Malloch.....	200
heucherae Thomas, Siphonophora		transversalis Van der Wulp. 200	
.....	156	uniformis Malloch.....	201
hiatus MacGillivray, Emphytus. 245		Hydrophorus Fallen.....	183
hiemalis Forbes, Platygaster... 214		pilitarsis Malloch.....	183
hieroglyphica Van der Wulp, Clinoptera	170, 197	Hydrotaea R.-Desvoidy.....	201
hieroglyphicus Malloch, Culicoides	170	cristata Malloch.....	201
hinkleyi Malloch, Botanobia... 190		houghi Malloch.....	201
hirta Malloch, Heteromyia.... 171		Hygroceleuthus Loew.....	183
hirtellus Drake and Harris, Lasiochilus	147	idahoensis Aldrich.....	183
hirticula var. comosa, Phyllophaga	159	Hylemyia R.-Desvoidy.....	201
hirtipennis Loew, Tanypus.... 177		angustiventris Malloch.....	201
hirtipennis Malloch, Euforcomyia	170	attenuata Malloch.....	201
histrionicus MacGillivray, Parabates	255	bicaudata Malloch.....	201
hiulcus MacGillivray, Emphytus 245		bicrucata Malloch.....	201
Homoptera	148	brevitarsis Malloch.....	201
		ciliifera Malloch.....	201
		curvipes Malloch.....	201
		duplicata Malloch.....	201
		extremitata Malloch.....	201
		gracilipes Malloch.....	202
		inaequalis Malloch.....	202

	PAGE		PAGE
<i>innocua</i> Malloch.....	202	<i>inaequalis</i> Malloch, <i>Tiphia</i>	229
<i>marginella</i> Malloch.....	202	<i>incerta</i> Malloch, <i>Probezzia</i>	175
<i>montana</i> Malloch.....	202	<i>incerta</i> Malloch, <i>Sapromyza</i>	188
<i>normalis</i> Malloch.....	202	<i>incisurata</i> Malloch, <i>Gimnomera</i>	185
<i>occidentalis</i> Malloch.....	202	<i>inclinatus</i> MacGillivray, <i>Taxo-</i>	
<i>pedestris</i> Malloch.....	202	<i>nus</i>	261
<i>piloseta</i> Malloch.....	202	<i>incognitus</i> Malloch, <i>Chironomus</i>	167
<i>pluvialis</i> Malloch.....	202	<i>inconspicuus</i> Malloch, <i>Tanypus</i>	177
<i>recurva</i> Malloch.....	202	<i>incurvatus</i> Drake and Hottes,	
<i>setifer</i> Malloch.....	202	<i>Gerris</i>	146
<i>spindens</i> Malloch.....	203	<i>indecisus</i> MacGillivray, <i>Urocerus</i>	268
<i>spinitamellata</i> Malloch.....	203	<i>indecora</i> Malloch, <i>Agromyza</i>	193
<i>substriatella</i> Malloch.....	203	<i>indiana</i> Smith, <i>Hellolonche</i>	161
<i>tridens</i> Malloch.....	203	<i>indicatus</i> MacGillivray, <i>Amauro-</i>	
<i>Hylotoma</i> Latreille.....	249	<i>nematus</i>	269
<i>onerosa</i> MacGillivray.....	249	<i>indistinctus</i> Malloch, <i>Chirono-</i>	
<i>sparta</i> MacGillivray.....	249	<i>mus</i>	167
<i>spiculata</i> MacGillivray.....	249	<i>inextricata</i> Walker, <i>Diastictis</i>	161
<i>Hymenoptera</i>	210	<i>infumata</i> Malloch, <i>Agromyza</i>	194
<i>Hypargyricus</i> MacGillivray.....	249	<i>infuscata</i> Malloch, <i>Probezzia</i>	176
<i>infuscatus</i> MacGillivray.....	249	<i>infuscatus</i> MacGillivray, <i>Crate-</i>	
<i>hyphantriae</i> Ashmead, <i>Micro-</i>		<i>rocercus</i>	240
<i>plitis</i>	212	<i>infuscatus</i> MacGillivray, <i>Hypar-</i>	
<i>Hypocera</i> Lioy.....	184	<i>gyricus</i>	249
<i>vectabilis</i> Brues.....	184	<i>infuscatus</i> Malloch, <i>Orthoclad-</i>	
<i>Hypolaepus</i> Kirby.....	249	<i>ius</i> (<i>Trichocladus</i>).....	175
<i>viereckii</i> Bradley.....	249	<i>innocua</i> Malloch, <i>Hylemyia</i>	202
<i>Hysterosia</i> Stephens.....	161	<i>innominatus</i> MacGillivray, <i>Tax-</i>	
<i>merrickana</i> Kearfott.....	161	<i>onus</i>	261
<i>terminana</i> Busck.....	161	<i>Insara</i> Walker.....	142
		<i>sinaloae</i> Hebard.....	142
I		<i>insignis</i> Hebard, <i>Amblytropidia</i>	142
<i>Ichneumonidae</i>	212	<i>inspectus</i> MacGillivray, <i>Dolerus</i>	241
<i>icterus</i> MacGillivray, <i>Dolerus</i>	241	<i>inspiratus</i> MacGillivray, <i>Dolerus</i>	241
<i>idahoensis</i> Aldrich, <i>Hygroceleu-</i>		<i>inspiratus</i> MacGillivray, <i>Para-</i>	
<i>thus</i>	183	<i>bates</i>	270
<i>Idiopterus</i> Davis.....	155	<i>integer</i> McDunnough, <i>Hepta-</i>	
<i>nephrolepidis</i> Davis.....	155	<i>genia</i>	144
<i>Idolothripidae</i>	145	<i>intermedia</i> Malloch, <i>Melano-</i>	
<i>Idolothrips</i> Haliday.....	145	<i>myza</i>	187
<i>flavipes</i> Hood.....	145	<i>interrupta</i> Malloch, <i>Corimelaena</i>	148
<i>illini</i> Alexander, <i>Elliptera</i>	162	<i>interrupta</i> Malloch, <i>Zygomyia</i>	180
<i>illinoensis</i> Malloch, <i>Chironomus</i>	166	<i>interruptus</i> Malloch, <i>Gaurax</i>	190
<i>illinoensis</i> Malloch, <i>Palpomyia</i>	175	<i>intonsipennis</i> Girault, <i>Alaptus</i>	226
<i>illinoensis</i> Malloch, <i>Tanypus</i>	177	<i>intrabilis</i> MacGillivray, <i>Xyela</i>	234
<i>illinoensis</i> var. <i>decoloratus</i> Mal-		<i>iowa</i> Alexander, <i>Dicranota</i>	162
<i>loch</i> , <i>Chironomus</i>	167	<i>irrorata</i> Goding, <i>Telamona</i>	149
<i>illinoisensis</i> Weld, <i>Compsodry-</i>		<i>Isiodyctium</i> Ashmead.....	249, 260
<i>oxenus</i>	215	<i>atratum</i> MacGillivray (sic).....	249
<i>imbecilla</i> <i>illinoisensis</i> Alexander,		<i>diluta</i> (Cresson).....	260
<i>Limnophila</i>	162	<i>Isosoma</i> Walker.....	219
<i>imitatrix</i> Malloch, <i>Melanochelia</i>	204	<i>allynii</i> French.....	219
<i>impar</i> Davis, <i>Phyllophaga</i>	159	<i>ithacus</i> MacGillivray, <i>Dimor-</i>	
<i>implanus</i> Parshley, <i>Aradus</i>	147	<i>phopteryx</i>	240
<i>inaequalis</i> Malloch, <i>Hylemyia</i>	202	<i>Itonididae</i>	180
<i>inaequalis</i> Malloch, <i>Sapromyza</i>	188		

	PAGE		PAGE
Itycorsia Konow.....	234		
<i>angulata</i> MacGillivray.....	234		
<i>balanata</i> MacGillivray.....	235		
<i>balata</i> MacGillivray.....	235		
<i>ballista</i> MacGillivray.....	235		
J			
Japania Girault.....	224		
<i>ovi</i> Girault.....	224		
<i>japonica</i> (Ashmead) Neotrichogramma (Trichogramma).....	224		
<i>jenseni</i> MacGillivray, Cephaleia.....	234		
<i>johannseni</i> Hart, Simulium.....	181		
<i>johannseni</i> Malloch, Pseudoculicoides.....	176		
Johannseniella Kieffer.....	172		
<i>flavidula</i> (Malloch).....	172		
Johannsenomyia Malloch.....	172		
<i>aequalis</i> Malloch.....	172		
<i>albibasis</i> Malloch.....	172		
<i>annulicornis</i> Malloch.....	172		
<i>argentata</i> Loew.....	172		
<i>caudelli</i> Coquillett.....	172		
<i>favidula</i> Malloch.....	172		
<i>halteralis</i> Malloch.....	173		
<i>macroneura</i> Malloch.....	173		
<i>johannsoni</i> Garrett, Sceptonia.....	179		
<i>johnsoni</i> Ashmead, Tetrastichus.....	223		
<i>johnsoni</i> MacGillivray, Schizocerus.....	260		
<i>johnsoni</i> Malloch, Helina.....	199		
<i>johnsoni</i> Spuler, Leptocera (Thorocochaeta).....	187		
Johnsonomyia Malloch.....	182		
<i>aldrichi</i> Malloch.....	182		
<i>julia</i> Hulst, Sympherta.....	233		
<i>junghansii</i> MacGillivray, Tentredo.....	262		
<i>juniperinus</i> MacGillivray, Monoctenus.....	252		
K			
<i>kansana</i> Hayes and McColloch, Anomala.....	159		
<i>katmaiensis</i> Malloch, Amaurosome.....	184		
<i>kincaidi</i> MacGillivray, Monophadnoides.....	253		
Kincaidia MacGillivray.....	267		
<i>ruficornis</i> (MacGillivray).....	267		
<i>kincaidia</i> MacGillivray, Perineura.....	256		
<i>kincaidi</i> MacGillivray, Monostegia.....	253		
Kleidotoma Westwood.....	216		
<i>marginata</i> (Gillette).....	216		
<i>konowi</i> MacGillivray, Dolerus.....	241		
L			
<i>labradorensis</i> Malloch, Pegomyia.....	206		
<i>labrata</i> MacGillivray, Caliroa.....	238		
<i>lacinata</i> MacGillivray, Caliroa.....	238		
<i>laciniatum</i> Gillette, Antistrophus.....	214		
<i>lacteipennis</i> Malloch, Orthocladus (Orthocladus).....	174		
<i>lanata</i> Gillette, Dryophanta.....	216		
<i>lancifer</i> McAtee, Typhlocyba.....	151		
Laphria Meigen.....	182		
<i>sicula</i> McAtee.....	182		
<i>lappulae</i> Cockerell, Andrena.....	231		
<i>laricata</i> Malloch, Coenosia.....	198		
Lasiophilus Reuter.....	147		
<i>hirtellus</i> Drake and Harris.....	147		
<i>lasiops</i> Malloch, Campocladus.....	164		
<i>lasiops</i> Malloch, Fannia.....	199		
<i>lasiophthalmus</i> Malloch, Campocladus.....	163		
Lasioptera Meigen.....	180		
<i>muhlenbergiae</i> Marten.....	180		
Lasiosina Becker.....	191		
<i>canadensis</i> Aldrich.....	191		
<i>lata</i> MacGillivray, Caliroa.....	238		
<i>lateralba</i> MacGillivray, Tentredo.....	262		
<i>laticornis</i> Malloch, Phaonia.....	207		
<i>latifrons</i> Malloch, Fannia.....	199		
<i>latifrons</i> Malloch, Pogonomyia.....	208		
<i>latifrontata</i> Malloch, Aricia.....	197		
<i>latipennis</i> Malloch, Trichopticus.....	209		
<i>laticapus</i> Girault, Aenasioidea.....	217		
<i>laudata</i> MacGillivray, Caliroa.....	238		
Laurentia Costa.....	237		
<i>aldrichi</i> (MacGillivray).....	237		
<i>edwardsii</i> var. <i>ruficornis</i> (MacGillivray).....	237		
<i>fletcheri</i> (MacGillivray).....	237		
<i>lautus</i> Metcalf, Megamelanus.....	153		
<i>lecontei</i> Wolcott, Priocera.....	232		
<i>lentulus</i> Needham, Gomphus.....	144		
Lepidoptera	161, 232		
Leptocera Olivier.....	186		
<i>abundans</i> Spuler (Scotophilella).....	186		
<i>albifrons</i> Spuler (Scotophilella).....	186		
<i>elegans</i> Spuler (Scotophilella).....	186		
<i>fumipennis</i> Spuler (Collinella).....	186		
<i>gracilipennis</i> Spuler (Scotophilella).....	186		
<i>hoplites</i> Spuler (Leptocera).....	186		

	PAGE		PAGE
Johnsoni Spuler (Thorococh- aeta)	187	obsoleta Malloch.....	203
longicosta Spuler (Scoto- philella)	186	pearyi Malloch.....	204
ordinaria Spuler (Scoto- philella)	187	socia Van der Wulp.....	204
sciaspidis Spuler (Opaci- frons)	187	tetrachaeta Malloch.....	204
wheeleri Spuler (Opaci- frons)	187	linearis Malloch, Helina... 199	
lesticus MacGillivray, Dolerus.. 241		lineata MacGillivray, Caliroa... 238	
Leucomelina MacQuart..... 203		linipes MacGillivray, Tenthredo 262	
deleta Van der Wulp..... 203		Lissothrips Hood..... 145	
minuscule Van der Wulp... 203		muscorum Hood..... 145	
Leucopelmonus MacGillivray... 249		littoralis Malloch, Pegomyia... 206	
annulatus MacGillivray... 249		littoralis Malloch, Phyllogaster. 207	
confusus (Norton)..... 249, 256		littoralis Malloch, Sapromyza... 188	
turbata (Rohwer)..... 256		liturata MacGillivray, Caliroa... 238	
Leucopis Meigen..... 195		lobata MacGillivray, Caliroa... 239	
americana Malloch..... 195		lobatus MacGillivray, Aphanisus 237	
major Malloch..... 195		Locustidae	142
minor Malloch..... 195		Loderus Konow..... 249	
orbitalis Malloch..... 195		accuratus MacGillivray... 249	
parallela Malloch..... 195		acerbus MacGillivray..... 249	
pemphigae Malloch..... 195		acidus MacGillivray..... 249	
piniperda Malloch..... 195		acriculus MacGillivray... 249	
Leucopomyia Malloch..... 195		alticinctus MacGillivray... 249	
pulvinae Malloch..... 195		ancisus MacGillivray..... 250	
leucoprocta Wied, Bithoraco- chaeta	198	nigra Rohwer..... 250	
leucostoma Rohwer, Periclista.. 256		loewi Garrett, Suillia..... 186	
Libellulidae	144	Lonchaea Fallen..... 189	
Liburnia Stål..... 153		aberrans Malloch..... 189	
alexanderi Metcalf..... 153		nudifemorata Malloch..... 189	
fulvidorsum Metcalf..... 153		ruficornis Malloch..... 189	
ligata var. pupillata McAtee, Erythroneura	150	striatifrons Malloch..... 189	
lijebliadi Wolcott, Enoclerus... 159		vibrissata Malloch..... 189	
Limneria Holmgren..... 213		winnemanae Malloch..... 189	
canarsiae Ashmead (Siphonophorus)	213	Lonchaeidae	189
elegans Weed..... 213		longicosta Spuler, Leptocera (Scotophilella)	186
teratis Weed..... 213		longitarsis Malloch, Euforci- pomyia	171
Limnagromyza Malloch..... 196		longitubus Hood, Trichothrips.. 145	
diantherae Malloch..... 196		lorata MacGillivray, Caliroa... 239	
Limnophila MacQuart..... 162		lorata MacGillivray, Pontania... 257	
imbecilla illinoiensis Alex- ander	162	loricaria Eversmann, Dysmigia. 233	
Limnophora R.-Desvoidy... 203, 209		loricata MacGillivray, Caliroa... 239	
acuticornis Malloch..... 203		lovetti MacGillivray, Macrem- phytus	250
angulata Malloch..... 203		Loxostege Hübner..... 161	
brevicornis (Malloch)..... 209		caffrei (Flint and Malloch) 161	
clivicola Malloch..... 203		marculenta Grote and Rob- inson	161
deleta Van der Wulp..... 203		obliteralis Walker..... 161	
extensa Malloch..... 203		similalis Guenée..... 161	
minuscule Van der Wulp... 203		luctatus MacGillivray, Dolerus.. 241	
		lunata McAtee, Erythroneura... 150	
		lunata MacGillivray, Caliroa... 239	
		lunatus MacGillivray, Tenthredo 262	

	PAGE		PAGE
lutea, Girault, Trichogramma-		macrotona Williamson, Soma-	
toidea	225	tochlora	144
lutea Malloch, Hartomyia.....	171	Macroxyela Kirby.....	234
luteola Garrett, Amoebaleria		bicolor MacGillivray.....	234
(Eidoamoeba)	185	distincta MacGillivray.....	234
luteola Malloch, Beckerina.....	184	obsoleta MacGillivray.....	234
Lyda Fabricius.....	269	Macrurocampa Dyar.....	233
olympia MacGillivray.....	269	dorothea Dyar.....	233
Lygaeidae	147	maculata Girault, Signiphora...	219
Lysiphlebius Foerster.....	210	maculata MacGillivray, Acordu-	
maidaphidis (Garman).....	210	lecera	235
testaceipes Cresson.....	210	maculata MacGillivray, Euura...	248
		maculatus Gahan, Trimeromi-	
		crus	220
M		Madiza Fallen	191
macateei Malloch, Chironomus.	167	setulosa Malloch (Siphonela)	
<i>macneilli</i> Hart, Melanoplus.....	143	la	191
Macremphytus MacGillivray.....	250	magna Garrett, Mycomya.....	179
bicornis MacGillivray.....	250	magnatus MacGillivray, Tenth-	
loveti MacGillivray.....	250	redo	262
Macrocera Meigen.....	179	magnifica MacGillivray, Macro-	
distincta Garrett.....	179	phyta	250
variola Garrett.....	179	magnus Gillette, Synergus.....	216
macrocera Van der Wulp, Coe-		magnus MacGillivray, Amaurone-	
nosia	195	matus	269
Macrocoenosia Malloch.....	197	<i>maidaphides</i> Garman, Adialytus.	210
cilicauda (Malloch).....	197	major Malloch, Leucopis.....	195
macroneura Malloch, Johann-		major Malloch, Pseudoculicoides	171
senomyia	173	major Malloch, Xenocoenosia...	209
Macrophorbia Malloch.....	204	mali Haldeman, Aphelinus.....	222
houghi Malloch.....	204	mali LeBaron, Empoasca.....	149
Macrophya Dahlbom.....	250, 269	mali Provancher, Dikraneura...	149
bellula MacGillivray.....	250	mallochi Alexander, Tipula.....	162
bilineata MacGillivray.....	250, 269	mallochi McAtee, Erythroneura.	150
confusa MacGillivray.....	250	mallochi Walley, Tanypus.....	178
fistula MacGillivray.....	250	malvacearum Cockerell, Caupo-	
flaccida MacGillivray.....	250	licana	231
ficta MacGillivray.....	250	malvacearum Cockerell, Nema-	
magnifica MacGillivray.....	250	toneura	210
melanopleura MacGillivray..	250	mamestrae Weed, Microplitis..	212
minuta MacGillivray.....	250	marculenta Grote and Robinson.	
mixta MacGillivray.....	250	Loxostege	161
nidonea MacGillivray.....	250	marginata Gillette, Coptereucolla	216
obaerata MacGillivray.....	251	marginata Weld, Callirhytis....	215
obnata MacGillivray.....	251	marginella Malloch, Hylemyia..	202
obrussa MacGillivray.....	251	marginellus Malloch, Tanypus..	178
ornata MacGillivray.....	251	maria MacGillivray, B vena....	269
pleuricinctella Rohwer.....	251	marina MacGillivray, Acordu-	
pulchella alba MacGillivray.	251	lecera	235
punctata MacGillivray.....	251	markii Garrett, Philorus.....	181
slossonae MacGillivray.....	269	martini MacGillivray, Mono-	
truncata Rohwer.....	251	stegia	254
Macrosiphum Passerini.....	156	martini MacGillivray, Neopare-	
heucherae (Thomas).....	156	ophora	254
minor (Forbes).....	156	mathesoni MacGillivray, Phleba-	
macrosoma Van der Wulp, Char-		trophia	256
adrella	197		

	PAGE		PAGE
<i>maura</i> MacGillivray, <i>Acordule-</i>		<i>Messa</i> Leach.....	251, 270
<i>cera</i>	235	<i>alsia</i> MacGillivray.....	251
<i>maxima</i> MacGillivray, <i>Acordule-</i>		<i>alumna</i> MacGillivray.....	251
<i>cera</i>	236	<i>amica</i> MacGillivray.....	251
<i>maxima</i> Weld, <i>Callirhytis</i>	215	<i>anita</i> MacGillivray.....	251
<i>Medeterus</i> F. v. <i>Waldheim</i>	183	<i>appota</i> MacGillivray.....	251
<i>caerulescens</i> Malloch	183	<i>atra</i> MacGillivray.....	270
<i>media</i> MacGillivray, <i>Acordule-</i>		<i>messica</i> MacGillivray, <i>Tenth-</i>	
<i>cera</i>	236	<i>redo</i>	210, 262
<i>megacephalus</i> Hood, <i>Allothrips</i> .	145	<i>messicaefornis</i> Rohwer, <i>Tenth-</i>	
<i>Megachilidae</i>	231	<i>redo</i>	262
<i>Megachile</i> Latreille.....	231	<i>Mestocharis</i> Foerster.....	222
<i>willughbiella kudiensis</i>		<i>williamsoni</i> Girault.....	222
Cockerell	231	<i>Metallus</i> Forbes.....	210, 251
<i>Megamelanus</i> Ball.....	153	<i>bethunei</i> MacGillivray.....	251
<i>lautus</i> Metcalf.....	153	<i>rohweri</i> MacGillivray.....	252
<i>Megoura</i> Buckton	155	<i>rubi</i> MacGillivray.....	210
<i>solani</i> Thomas	155	<i>meteori</i> Ashmead, <i>Elasmus</i>	221
<i>Melanochelia</i> Rondani.....	204	<i>Metricnemus</i> Van der Wulp... 173	
<i>angulata</i> Malloch.....	204	<i>annuliventris</i> Malloch.....	173
<i>imitatrix</i> Malloch.....	204	<i>brachyneura</i> Malloch.....	173
<i>Melanomyza</i> Malloch.....	187	<i>micranthropila</i> Cockerell, <i>An-</i>	
<i>intermedia</i> Malloch.....	187	<i>drena</i>	231
<i>melanopleura</i> MacGillivray, <i>Ma-</i>		<i>Microgaster</i> Latreille.....	212
<i>crophya</i>	250	<i>garmani</i> (Ashmead).....	212
<i>Melanoplus</i> Stål.....	142	<i>Microledrida</i> Fowler.....	153
<i>calapooyae</i> Hebard.....	142	<i>flava</i> Metcalf.....	153
<i>flaviatilis</i> Bruner	143	<i>Microplitis</i> Foerster.....	212
<i>macneilli</i> Hart.....	143	<i>hyphantriae</i> Ashmead.....	212
<i>microtatus</i> Hebard.....	143	<i>namestrae</i> Weed.....	212
<i>oreophilus</i> Hebard.....	143	<i>microtatus</i> Hebard, <i>Melanoplus</i> .	143
<i>scudderi</i> var. <i>texensis</i> Hart.	143	<i>Microterys</i> Thomson.....	218
<i>viridipes eurycerus</i> Hebard	143	<i>speciosissimus</i> Girault.....	218
<i>Melanostoma</i> Schiner.....	184	<i>mimetic</i> Malloch, <i>Helina</i>	199
<i>pallitarsis</i> Curran.....	184	<i>Mindarus</i> Koch.....	156
<i>melanota</i> Spangberg, <i>Gypona</i> ...	151	<i>abietinus</i> Koch.....	156
<i>meleca</i> MacGillivray, <i>Acordule-</i>		<i>pinicola</i> (Thomas).....	156
<i>cera</i>	236	<i>Minettia</i> R.-Desvoidy.....	187
<i>Mellilla</i> Grote.....	161	<i>americana</i> Malloch.....	187
<i>inextricata</i> Walker.....	161	<i>minima</i> MacGillivray, <i>Acordule-</i>	
<i>floridensis</i> (Hulst).....	161	<i>cera</i>	236
<i>mellina</i> MacGillivray, <i>Acordule-</i>		<i>minimus</i> Hart, <i>Sphenophorus</i> ...	160
<i>cera</i>	236	<i>minor</i> Forbes, <i>Siphonophora</i> ...	156
<i>Membracidae</i>	149	<i>minor</i> Gillette, <i>Antistroplus</i> ...	214
<i>Meoneura</i> Rondani.....	196	<i>minor</i> Malloch, <i>Leucopsis</i>	195
<i>nigrifrons</i> Malloch.....	196	<i>minor</i> Malloch, <i>Phortica</i>	192
<i>Meris</i> Hulst.....	232	<i>minor</i> Malloch, <i>Pogonomyia</i> ...	208
<i>speciosa</i> (Hulst).....	232	<i>minuscula</i> Van der Wulp, <i>Leu-</i>	
<i>Meromyza</i> Meigen.....	191	<i>comelina</i>	203
<i>americana</i> Fitch.....	191	<i>minusculus</i> MacGillivray, <i>Do-</i>	
<i>flavipalpis</i> Malloch.....	191	<i>lerus</i>	241
<i>meromyzae</i> Forbes, <i>Coelinus</i> ...	212	<i>minnta</i> MacGillivray, <i>Acordule-</i>	
<i>Merragata</i> White.....	147	<i>cera</i>	236
<i>foveata</i> Drake.....	147	<i>minuta</i> MacGillivray, <i>Euura</i> ...	248
<i>merrickana</i> Kearfott, <i>Hysterosia</i>	161	<i>minuta</i> MacGillivray, <i>Macro-</i>	
<i>Mesochlora</i> Scudder.....	143	<i>phya</i>	250
<i>unicolor</i> Hart.....	143	<i>minuta</i> Weed, <i>Pimpla</i>	213

	PAGE		PAGE
minutissima Malloch, Corimelaena	148	martini MacGillivray	253
minutus Hancock, Telmatettix	143	montana Malloch, Hylemyia	202
minutus MacGillivray, Monophadnus	253	montanus MacGillivray, Taxonus	270
Miridae	146	Montezumina Hebard	142
mitella McAtee, Erythroneura	150	sinaloae Hebard	142
mixta MacGillivray, Acordulecera	236	monticolla Malloch, Phaonia	207
mixta MacGillivray, Macrophya	250	moratus MacGillivray, Priophorus	258
modesta MacGillivray, Acantholyda	234	Mordella Linnaeus	159
modestius MacGillivray, Priophorus	258	albosuturalis Liljeblad	159
moenia MacGillivray, Euura	248	hubbsi Liljeblad	159
Mogerus MacGillivray	252	Mordellidae	159
emarginatus MacGillivray	252	Mordellistena costa	159
monelli Davis, Phymatosiphum	156	pulchra Liljeblad	159
Monoctenus Dahlbom	252	Mormoniella Ashmead	220
juniperinus MacGillivray	252	brevicornis (Ashmead)	220
Monophadnoides Ashmead	252	morsei MacGillivray, Dimorphopteryx	240
circinus MacGillivray	252	muhlenbergiae Marten, Lasioptera	180
collaris MacGillivray	252	multilineata var. punicea Girault, Zagrammosoma	221
concessus MacGillivray	252	multipunctatus Malloch, Culioides	170
conductus MacGillivray	252	munda MacGillivray, Acordulecera	236
consobrinus MacGillivray	252	munditus MacGillivray, Priophorus	258
consonus MacGillivray	252	muricatus MacGillivray, Aphanius	237
conspersus MacGillivray	252	Muscidifurax Girault and Sanders	219
conspiculata MacGillivray	252	raptor Girault and Sanders	219
conspicuus MacGillivray	252	Muscina R-Desvoidy	204
constitutus MacGillivray	252	tripunctata Van der Wulp	204
contortus MacGillivray	252	muscorum Hood, Lissothrips	145
coracinus MacGillivray	252	musta MacGillivray, Acordulecera	236
cordatus MacGillivray	252	mutatum Malloch, Prosimulium	181
corytus MacGillivray	252	muticus Johannsen, Tanytarsus	178
costalis MacGillivray	253	Mycetophilidae	179
crassus MacGillivray	253	Mycomya Rondani	179
curiosus MacGillivray	253	magna Garrett	179
kincaidi MacGillivray	253	vulgaris Garrett	179
shawi MacGillivray	253	Mydaea R-Desvoidy	204
Monophadnus Hartig	253	armata Malloch	204
aequalis MacGillivray	253	brevipilosa Malloch	204
aeratus MacGillivray	253	concinna Van der Wulp	204
assaracus MacGillivray	253	discimana Malloch	205
atracornus MacGillivray	253	neglecta Malloch	205
bipunctatus MacGillivray	253	obscura Van der Wulp	205
distinctus MacGillivray	253	persimilis Malloch	205
minutus MacGillivray	253	Mymaridae	226
planus MacGillivray	253	Myndus Stål	153
plicatus MacGillivray	253	truncatus Metcalf	153
ruscullus MacGillivray	253		
transversus MacGillivray	253		
monosericeus MacGillivray, Dolerus	241		
Monostegia Costa	247, 253		
kincaidii MacGillivray	247, 253		

	PAGE		PAGE
mystaca Dawson, Serica.....	160	neocollaris MacGillivray, Do-	242
Myzus Sulzer.....	156	lerus	
persicae Sulz.....	156	neocynipsea Melander and	189
tulipae (Thomas).....	156	Spuler, Sepsis.....	178
N			
Nabidae	147	neoflavellus Malloch, Tanytarsus	191
Nabis Latreille.....	147	Neogaurax Malloch.....	191
<i>elongatus</i> Hart.....	147	<i>fumipennis</i> Malloch.....	191
<i>propinquus</i> Reuter.....	147	Neohylemyia Malloch.....	205
napaeus MacGillivray, Dolerus..	241	<i>proboscidalis</i> Malloch.....	205
narratus MacGillivray, Dolerus..	242	Neoleucopsis Malloch.....	196
nasoni Cresson, Stenomyia.....	189	<i>pinicola</i> Malloch.....	196
nasoni Malloch, Aphiochaeta...	183	neomexicana Hulst, Hydriomena	232
nasoni Malloch, Helina.....	199	neomodestus Malloch, Chirono-	167
Nasonia Ashmead.....	220	<i>mus</i>	205
<i>brevicornis</i> Ashmead.....	220	Neomusca Malloch.....	205
nasuta Malloch, Agromyza.....	194	<i>obscura</i> (Van der Wulp)...	204
nasutus MacGillivray, Dolerus..	242	Neomuscina Townsend.....	204
nativus MacGillivray, Dolerus..	242	<i>tripunctata</i> (Van der Wulp)..	204
nauticus MacGillivray, Dolerus..	242	Neopareophora MacGillivray...	254
nebularis Drake and Hottes,		<i>martini</i> MacGillivray.....	254
Gerris	146	<i>scelesta</i> MacGillivray.....	254
nebulosa Malloch, Palpomyia...	175	neopoeiloptera Malloch, Aricia..	197
necessarius MacGillivray, Do-	242	Neoptilia Ashmead.....	210
<i>lerus</i>	242	<i>malvacearum</i> (Cockerell)...	210
necosericus MacGillivray, Do-	242	neosericeus MacGillivray, Do-	242
<i>lerus</i>	242	<i>lerus</i>	242
nectareus MacGillivray, Dolerus	242	<i>ncostlossoni</i> MacGillivray, Tenth-	262
nefastus MacGillivray, Dolerus..	242	<i>redo</i>	242
neglecta Malloch, Mydaea.....	205	neostagnus MacGillivray, Do-	210
negotiosus MacGillivray, Dolerus	242	<i>lerus</i>	242
negundinis Thomas, Chaito-		Neothrips Hood.....	145
<i>phorus</i>	155	<i>corticis</i> Hood.....	145
Nematoneura Andre.....	210	Neotiphia Malloch.....	229
<i>malvacearum</i> Cockerell....	210	<i>acuta</i> Malloch.....	229
Nematus Jurine.....	210	Neotomostethus MacGillivray...	254
<i>robiniae</i> Forbes.....	210	<i>hyalinus</i> MacGillivray.....	254
Nemicromelus Girault.....	220	Neotrichogramma Girault.....	224
<i>fulvipes</i> (Forbes).....	220	<i>acutiventre</i> Girault.....	224
Nemobius Serville.....	142	<i>japonica</i> (Ashmead).....	224
<i>funeralis</i> Hart.....	142	nephrelepidis Davis, Idiopteris..	155
<i>griseus</i> Walker.....	142	Nephrotoma Meigen.....	162
memorosus MacGillivray, Dolerus	242	<i>sphagnicola</i> Alexander.....	162
Nemotelus Geoffroy.....	182	nepotulus MacGillivray, Dolerus	243
<i>bellulus</i> Melander.....	182	nervosus MacGillivray, Dolerus..	243
<i>bonnarius</i> Johnson.....	182	nescius MacGillivray, Dolerus...	243
<i>bruesii</i> Melander.....	182	nicaeus MacGillivray, Dolerus...	243
<i>trinotatus</i> Melander.....	182	nicarete McAtee, Typhlocyba...	152
<i>wheeleri</i> Melander.....	182	nidonea MacGillivray, Macro-	250
neoagcistus MacGillivray, Do-	242	<i>phyta</i>	243
<i>lerus</i>	242	nidulus MacGillivray, Dolerus...	211
neoaprilis MacGillivray, Dolerus	242	niger Ashmead, Clinocentrus...	200
Neocharactus MacGillivray....	254	nigerrima Malloch, Hydrophoria	250
<i>bakeri</i> MacGillivray.....	254	nigra Rohwer, Dolerus.....	151
Necchirosia Malloch.....	205	nigra Woodworth, Gypona.....	227
<i>setiger</i> Malloch.....	205	nigrellus Girault, Anaphes.....	199
		nigribasis Malloch, Helina.....	207
		nigricauda Malloch, Phaonia...	

	PAGE
<i>nigricornis</i> quadripunctatus (Beutenmüller), <i>Oecanthus</i> ...	142
<i>nigricoxi</i> MacGillivray, <i>Tenthredo</i>	263
<i>nigrifascia</i> MacGillivray, <i>Tenthredo</i>	263
<i>nigrifrons</i> Forbes, <i>Cicadula</i>	149
<i>nigrifrons</i> Malloch, <i>Meoneura</i> ...	196
<i>nigrimana</i> Malloch, <i>Chyromya</i> ...	192
<i>nigrisquama</i> Malloch, <i>Agromyza</i> ...	194
<i>nigrita</i> Malloch, <i>Helina</i>	200
<i>nigritibialis</i> MacGillivray, <i>Tenthredo</i>	263
<i>nigritus</i> MacGillivray, <i>Aphanisus</i>	237
<i>nigritus</i> Malloch, <i>Orthocladus</i> (<i>Orthocladus</i>)	174
<i>nigriventris</i> , Girault, <i>Uscanoidea</i>	225
<i>nigrohalteralis</i> Malloch, <i>Chironomus</i>	167
<i>nigronitens</i> Knight, <i>Plagiognathus</i>	146
<i>nigrovittatus</i> Malloch, <i>Chironomus</i>	167
<i>nimbosus</i> MacGillivray, <i>Dolerus</i>	243
<i>nitens</i> (Stein), <i>Pogonomyia</i>	208
<i>nitidellus</i> Coquillett, <i>Chironomus</i>	168
<i>nitidellus</i> Malloch, <i>Orthocladus</i>	175
<i>nitidus</i> Malloch, <i>Orthocladus</i> ...	175
<i>nivatus</i> MacGillivray, <i>Dolerus</i> ...	243
<i>nocivus</i> MacGillivray, <i>Dolerus</i> ...	243
Noctuidae	161, 233
<i>nocuus</i> MacGillivray, <i>Dolerus</i> ...	243
<i>nominatus</i> MacGillivray, <i>Dolerus</i>	243
<i>normalis</i> Malloch, <i>Hylemyia</i> ...	202
<i>nortonia</i> MacGillivray, <i>Caliroa</i> ...	239
<i>nortoni</i> MacGillivray, <i>Caliroa</i> ...	239
<i>nortonii</i> MacGillivray, <i>Tomostethus</i>	267
<i>notabilis</i> Drake and Hottes, <i>Geris</i>	146
Notodontidae	233
<i>nova</i> MacGillivray, <i>Tenthredo</i> ...	263
<i>novellus</i> MacGillivray, <i>Dolerus</i> ...	243
<i>novicius</i> MacGillivray, <i>Dolerus</i> ...	243
<i>nubilifera</i> Malloch, <i>Sapromyza</i> ...	188
<i>nubilipennis</i> Girault, <i>Anagyris</i> ...	217
<i>nuda</i> Malloch, <i>Amaurosoma</i> ...	185
<i>nudifemorata</i> Malloch, <i>Lonchaea</i>	189
<i>ngatorius</i> MacGillivray, <i>Dolerus</i>	243
<i>numerosus</i> MacGillivray, <i>Dolerus</i>	243
<i>nummarius</i> MacGillivray, <i>Dolerus</i>	243

	PAGE
<i>nummatus</i> MacGillivray, <i>Dolerus</i>	244
<i>nundinus</i> MacGillivray, <i>Dolerus</i> ...	244
<i>nuntius</i> MacGillivray, <i>Dolerus</i> ...	244
<i>nutricius</i> MacGillivray, <i>Dolerus</i> ...	244
<i>nyctelius</i> MacGillivray, <i>Dolerus</i> ...	244

O

<i>obaerata</i> MacGillivray, <i>Macrophya</i>	251
Oberea Mulsant.....	160
<i>ulmicola</i> Chittenden.....	160
<i>obliquatus</i> MacGillivray, <i>Tenthredo</i>	263
<i>obliteralis</i> Walker, <i>Loxostege</i> ...	161
<i>obnata</i> MacGillivray, <i>Macrophya</i>	251
<i>obrussa</i> MacGillivray, <i>Macrophya</i>	251
<i>obscura</i> Malloch, <i>Probezzia</i>	176
<i>obscura</i> Van der Wulp, <i>Mydaea</i> ...	205
<i>obscuratus</i> MacGillivray, <i>Paracharactus</i>	255
<i>obscuratus</i> Malloch, <i>Chironomus</i>	168
<i>obsitus</i> MacGillivray, <i>Aphanisus</i>	237
<i>obsoleta</i> MacGillivray, <i>Macroxyela</i>	234
<i>obsoleta</i> Malloch, <i>Limnophora</i> ...	203
<i>obtentus</i> MacGillivray, <i>Paracharactus</i>	255
<i>obtusa</i> Malloch, <i>Chloropisca</i> ...	190
<i>obversus</i> MacGillivray, <i>Paracharactus</i>	255
<i>occidentalis</i> Hart, <i>Forda</i>	155
<i>occidentalis</i> MacGillivray, <i>Cockereillonis</i>	239
<i>occidentalis</i> Malloch, <i>Clusia</i> ...	184
<i>occidentalis</i> Malloch, <i>Hylemyia</i> ...	202
<i>occidentalis</i> Rohwer, <i>Periclista</i> ...	256
<i>occiduus</i> MacGillivray, <i>Aphanisus</i>	237
<i>oculata</i> McAtee, <i>Erythroneura</i> ...	150
Odonata	144
Odontomyia Meigen.....	182
<i>snowi</i> Hart.....	182
<i>odoratus</i> MacGillivray, <i>Aphanisus</i>	237
Oecanthus Serville.....	142
<i>forbesi</i> Titus.....	142
<i>nigricornis</i> quadripunctatus (Beutenmüller)	142
Oecleus Stål.....	153
<i>productus</i> Metcalf.....	153
Oedaleonotus Scudder.....	143
<i>phryneicus</i> Hebard.....	143
<i>oedimemus</i> Garrett, <i>Acantholeria</i> ...	185
<i>offensus</i> MacGillivray, <i>Paracharactus</i>	255

	PAGE		PAGE
<i>Oliarus</i> Stål.....	153	pleuralis Malloch (Dactylocladius)	173
<i>texasus</i> Metcalf.....	153	striatus Malloch, (Trichocladius)	175
<i>vittatus</i> Metcalf.....	153	subparallelus Malloch (Orthocladius)	174
<i>Oligosita</i> Haliday.....	224	<i>vernalis</i> Malloch (Psectrocladius)	175
<i>americana</i> Ashmead.....	224	Orthoptera	142
<i>olivatipes</i> MacGillivray, Tenthredo	263	<i>Oscinis</i> Latreille.....	191
<i>olympia</i> MacGillivray, Lyda.....	269	<i>criddlei</i> Aldrich.....	191
<i>onekama</i> MacGillivray, Caenolyda	234	<i>Oscinoides</i> Malloch.....	191
<i>onerosa</i> MacGillivray, Hylotoma	249	<i>arpidia</i> Malloch.....	191
<i>Oophthora</i> Aurivillius.....	224	<i>arpidia</i> var. <i>atra</i> Malloch... ..	191
<i>simblidis</i> Aurivillius.....	224	<i>arpidia</i> var. <i>elegans</i> Malloch ..	191
<i>opacithorax</i> Malloch, Heteromyia	172	<i>arpidia</i> var. <i>humeralis</i> Malloch ..	191
<i>orbitalis</i> Malloch, Leucopis.....	195	<i>ostiaria</i> MacGillivray, Pristiphora	258
<i>orciferalis</i> Walker, Hormisa... ..	162	Otiocerus Kirby.....	154
<i>ordinaria</i> Spuler, Leptocera (Scotophilella)	187	<i>wolfii</i> var. <i>nubilus</i> McAtee... ..	154
<i>oreophilus</i> Hebard, Melanopus. . .	143	<i>ovi</i> Girault, Japania.....	224
<i>Ormosia</i> Rondani.....	162	<i>oxalata</i> MacGillivray, Pseudose-landria	258
<i>frisoni</i> Alexander.....	162	Oxycera Meigen.....	182
<i>ornata</i> MacGillivray, Macrophya ..	251	<i>albovitata</i> Malloch.....	182
<i>ornigis</i> Weed, Apanteles.....	211	<i>aldrichi</i> Malloch.....	182
<i>orobenae</i> Forbes, Apanteles.....	211	<i>approximata</i> Malloch.....	182
<i>oronis</i> MacGillivray, Dimorphopteryx	240		
Ortalidae	189	P	
Orthochaeta Becker.....	185	<i>pacatus</i> MacGillivray, Trichocampus	267
<i>dissimilis</i> Malloch.....	185	Pachynematus Konow.....	254, 270
Orthocladius Van der Wulp....	173	<i>absyrtus</i> MacGillivray.....	254
<i>albidohalteralis</i> Malloch (Dactylocladius)	173	<i>academus</i> MacGillivray.....	254
<i>bifasciatus</i> Malloch.....	173	<i>allegatus</i> MacGillivray.....	254
<i>brevinervis</i> Malloch (Dactylocladius)	173	<i>corticosis</i> MacGillivray.....	254
<i>distinctus</i> Malloch (Trichocladius)	174	<i>rarus</i> MacGillivray.....	254
<i>distinctus</i> var. <i>basalis</i> Malloch (Trichocladius).....	174	<i>refractarius</i> MacGillivray... ..	254
<i>distinctus</i> var. <i>bicolor</i> Malloch (Trichocladius).....	174	<i>remissus</i> MacGillivray.....	254
<i>flavoscutellatus</i> Malloch (Orthocladius)	173	<i>reperitus</i> MacGillivray.....	254
<i>infuscatus</i> Malloch (Trichocladius)	175	<i>roscidus</i> MacGillivray.....	254
<i>lactepennis</i> Malloch (Orthocladius)	174	<i>rufocinctus</i> MacGillivray... ..	255
<i>nigritus</i> Malloch (Orthocladius)	174	<i>venustus</i> MacGillivray...255, 270	
<i>nitidellus</i> Malloch (Trichocladius)	175	<i>vernus</i> MacGillivray...255, 270	
<i>nitidus</i> Malloch (Trichocladius)	175	<i>pacificus</i> MacGillivray, Simplemphytus	260
<i>pilipes</i> Malloch (Orthocladius)	174	<i>pacificus</i> MacGillivray, Strongylogaster	260
		<i>padi</i> Drake, Corythucha.....	147
		<i>padusa</i> MacGillivray, Hoplocampa	248
		<i>paetulus</i> MacGillivray, Trichocampus	267
		Pallachira Grote.....	161
		<i>hartii</i> French.....	161

	PAGE		PAGE
<i>pallicola</i> MacGillivray, Tenthredo	263	<i>parasericeus</i> MacGillivray, Dol-	
<i>pallida</i> Malloch, Probezzia	176	erus	244
<i>pallidifemur</i> Malloch, Xylomyia	182	Pareophora Konow	255
<i>pallidipes</i> Malloch, Gaurax	191	<i>aldrichi</i> MacGillivray	255
<i>pallidiventris</i> Malloch, Aphio-		<i>guana</i> MacGillivray	255
<i>chaeta</i>	184	<i>guara</i> MacGillivray	255
<i>pallidiventris</i> Malloch, Harto-		<i>parnassum</i> Malloch, Simulium	181
<i>myia</i>	171	<i>parviceps</i> Malloch, Chloropisca	190
<i>pallidula</i> McAtee, Calophya	154	<i>parvidens</i> var. <i>hystero pyga</i>	
<i>pallidula</i> McDunnough, Baetis	144	Davis, Phyllophaga	159
<i>palliolatus</i> MacGillivray, Trichio-		<i>parvilamellatus</i> Malloch, Chiron-	
<i>ocampus</i>	267	omus	168
<i>pallipectis</i> MacGillivray, Tenth-		<i>parvula</i> Van der Wulp, Spilo-	
<i>redo</i>	263	<i>gaster</i>	208
<i>pallipes</i> Forbes, Pteromalus	220	<i>parvus</i> Garrett, Sciophila	180
<i>pallipes</i> MacGillivray, Hoplo-		<i>patchi</i> MacGillivray, Periclista	256
<i>campa</i>	249	<i>patchiae</i> MacGillivray, Trichio-	
<i>pallipunctus</i> MacGillivray, Ten-		<i>campus</i>	267
<i>thredo</i>	263	<i>pearliae</i> Davis, Phyllophaga	159
<i>pallitarsis</i> Curran, Melanostoma	184	<i>pearyi</i> Malloch, Limnophora	204
Palpomyia Meigen	175	<i>pedestris</i> Malloch, Hylemyia	202
<i>illinoensis</i> Malloch	175	Pegomyia R.-DesVoidy	197, 200
<i>nebulosa</i> Malloch	175	<i>acutipennis</i> Malloch	205
Pamphiliidae	234	<i>collaris</i> (Van der Wulp)	200
Pamphilius Latreille	235	<i>dorsimaculata</i> (Van der	
<i>dentatus</i> MacGillivray	235	Wulp)	197
<i>fletcheri</i> MacGillivray	235	<i>emmesia</i> Malloch	205
<i>fortuitus</i> MacGillivray	235	<i>fringilla</i> Malloch	205
<i>persicum</i> MacGillivray	235	<i>fuscofasciata</i> Malloch	206
<i>transversa</i> MacGillivray	235	<i>labradorensis</i> Malloch	206
<i>unalatus</i> MacGillivray	235	<i>littoralis</i> Malloch	206
Panchlora Burmeister	144	<i>pictipes</i> (Bigot)	200
<i>cahita</i> Hebard	144	<i>quadrispinosa</i> Malloch	206
<i>panicola</i> Thomas, Schizoneura	156	<i>spinigerellus</i> Malloch	206
Papaipema Smith	162	<i>subgrisea</i> Malloch	206
<i>beeriana</i> Bird	162	<i>transversalis</i> (Van der	
Parabates MacGillivray	255, 270	Wulp)	200
<i>histrionicus</i> MacGillivray	255	<i>unguiculata</i> Malloch	206
<i>inspiratus</i> MacGillivray	270	Peleteria R.-Desvoidy	209
Parabezzia Malloch	175	<i>campestris</i> Curran	209
<i>petiolata</i> Malloch	175	<i>confusa</i> Curran	209
Paracharactus MacGillivray	255	<i>townsendi</i> Curran	209
<i>obscuratus</i> MacGillivray	255	<i>pemphigae</i> Malloch, Leucopis	195
<i>obtentus</i> MacGillivray	255	Pemphigus Hartig	155, 157
<i>obversus</i> MacGillivray	255	<i>brevicornis</i> (Hart)	157
<i>offensus</i> MacGillivray	255	<i>fraxinifolii</i> Thomas	155
Paraguaya Girault	216	<i>rubi</i> Thomas	155
<i>pulchripennis</i> Girault	216	Pentarthron (Riley) Packard	224
<i>paraguayensis</i> Girault, Ceyxia	216	<i>euproctididis</i> Girault	225
<i>paraguayensis</i> Girault, Eury-		<i>retorridum</i> Girault	225
<i>toma</i>	217	<i>simblidis</i> Aurivillius	224
<i>parallela</i> Malloch, Leucopis	195	Pentatomidae	148
<i>parallelus</i> MacGillivray, Aphan-		<i>pergandei</i> var. <i>concolor</i> Malloch,	
<i>isus</i>	237	<i>Forcipomyia</i>	171
		Periclista Konow	249, 252, 255, 260
		<i>atratum</i> (MacGillivray)	249

	PAGE		PAGE
bipartita (Cresson).....	260	Phortica Schiner.....	192
confusa MacGillivray.....	255	minor Malloch.....	192
diluta (Cresson).....	260	Phorticoides Malloch.....	187
electa MacGillivray.....	255	flinti Malloch.....	187
emarginatus (MacGillivray).....	252	phoxopteridis Weed, Glypta.....	213
entella MacGillivray.....	256	Phrontosoma MacGillivray.....	239, 256
leucostoma Rohwer.....	256	atrum MacGillivray.....	256
occidentalis Rohwer.....	256	collaris MacGillivray.....	256
patchi MacGillivray.....	256	daeckei MacGillivray.....	256
Perineura Hartig.....	256	nortoni (MacGillivray).....	239
kincaidia MacGillivray.....	256	nortonia (MacGillivray).....	239
turbata Rohwer.....	256	phryne McAtee, Typhlocyba....	152
Perizoma Hübner.....	161	phryneicus Hebard, Oedaleono-	
polygrammata (Hulst).....	161	tus.....	143
perlonga Davis, Phyllophaga....	160	Phyllogaster Stein.....	207
pernotata Malloch, Sapromyza..	188	littoralis Malloch.....	207
perplexus MacGillivray, Tenth-		Phyllophaga Harris.....	159
redo.....	263	fraterna var. mississippien-	
persicae Sulz, Myzus.....	156	sis Davis.....	159
persicum MacGillivray, Pamphi-		hirticula var. comosa Davis..	159
lius.....	235	impar Davis.....	159
persimilis Malloch, Mydaea....	205	parvidens var. hysteroptyga,	
perspicuipennis Girault Prospal-		Davis.....	159
tella.....	223	pearliae Davis.....	159
petersoni Malloch, Anarostomoi-		perlonga Davis.....	160
des.....	185	sori Davis.....	160
petiolata Malloch, Parabezzia..	175	foxii Davis.....	160
Phaenacra Thomson.....	221	Phymatosiphum Davis.....	156
rufipes (Ashmead).....	221	monelli Davis.....	156
Phaloniidae.....	161	piceus Sanders, Aspidiotus....	158
Phanurus Thomson.....	213	picta (Coquillett), Hartomyia..	171
tabanivorus Ashmead.....	213	pictipes Bigot, Pegomyia.....	200
Phaonia R.-Desvoidy.....	206	pictus Malloch, Apocephalus...	184
albocalyptata Malloch.....	206	Piesma Lepeletier and Serville..	147
basiseta Malloch.....	206	cinerea var. inornata Mc-	
brevispina Malloch.....	206	Atee.....	147
citrelbasis Malloch.....	206	pilipes Malloch, Orthocladus	
fuscisquama (Van der Wulp).....	207	(Orthocladus).....	174
harti Malloch.....	206	pilitarsis Malloch, Hydrophorus..	183
laticornis Malloch.....	207	piloseta Malloch, Hylemyia....	202
monticolla Malloch.....	207	Pimpla Fabricius.....	213
nigricauda Malloch.....	207	minuta Weed.....	213
subfusca Malloch.....	207	pingreensis Drake and Hottes,	
texensis Malloch.....	207	Gerris.....	146
Phylorus Kellogg.....	181	pinicola Malloch, Neoleucopsis...	196
markii Garrett.....	181	pinicola Thomas, Schizoneura...	156
Phlebotropia MacGillivray.....	256	piniperda Malloch, Leucopsis...	195
mathesoni MacGillivray.....	256	piscator McAtee, Typhlocyba...	152
Phloeothripidae.....	145	piscicidum Riley, Simulium.....	181
Phora Latreille.....	184	Pissonotus Van Duzee.....	154
egregia Brues.....	184	fulvus Metcalf.....	154
Phorbia R.-Desvoidy.....	207	Plagiognathus Fieber.....	146
fuscisquama Van der Wulp.....	207	flavicornis Knight.....	146
prisca Van der Wulp.....	207	nigronitens Knight.....	146
Phoridae.....	183	politus var. flaveolus Knight..	146

PAGE		PAGE
	punctatipes var. dispar	
	Knight	146
	planus MacGillivray, Monophad-	
	nus	253
	Platycampus Schiödte.....	256
	victoria MacGillivray.....	256
	vierecki MacGillivray.....	256
	Platygaster Latreille.....	214
	hiemalis Forbes.....	214
	Platygasteridae	213
	Platyphora Verrall.....	184
	flavofemorata Malloch.....	184
	plebeia Malloch, Aphiochaeta..	184
	Plectrothrips Hood.....	145
	antennatus Hood.....	145
	Plemyria Hübner.....	233
	georgii Hulst.....	233
	plesius MacGillivray, Dolerus..	244
	pleuralis Malloch, Agromyza....	194
	pleuralis Malloch, Dasyopa....	190
	pleuralis Malloch, Orthocladius	
	(Dactylocadius)	173
	pleurincitella Rohwer, Macro-	
	psha	251
	plicatus MacGillivray, Mono-	
	phadnus	253
	plutella Girault, Aphelinoidea..	224
	pucialis Malloch, Hylemyia....	202
	pocloptera Malloch, Aricia....	197
	Poecilostoma Dahlbom.....	256
	convexa MacGillivray.....	256
	Pogonomyia Rondani.....	207
	aldrichi Malloch.....	207
	aterrima Van der Wulp.....	207
	flavinervis Van der Wulp.....	207
	latifrons Van der Wulp.....	208
	minor Van der Wulp.....	208
	nitens Stein.....	208
	similis Van der Wulp.....	208
	Pogonomyza Schnabl and Dzied-	
	zicki	208
	proboscidalis Malloch.....	208
	polingi Barnes and Benjamin,	
	Rhizagrotis	162
	polita Malloch, Corimelaena....	148
	polita Malloch, Hydrophoria....	200
	polita Malloch, Pseudodinia....	196
	politus var. flaveolus Knight,	
	Plagiognathus	146
	politus Malloch, Tanytarsus....	179
	Polybates MacGillivray.....	256
	slossonae MacGillivray.....	256
	polygrammata Hulst, Coeno-	
	calpe	161
	Polynema Halliday.....	228
	bifasciatipennis (Girault)..	229
	citripes Ashmead.....	228
	consobrinus Girault.....	228
	enchenopae Girault.....	228
	pescas (Girault).....	229
	sibylla Girault.....	228
	striaticorne Girault.....	228
	zetes Girault.....	228
	Polyselandria MacGillivray....	260
	floridana (MacGillivray)....	260
	polysericeus MacGillivray, Dol-	
	erus	244
	pomaria McAtee, Typhlocyba... 152	
	Pontania Costa.....	256, 270
	atrata MacGillivray.....	256
	daedala MacGillivray.....	257
	decrepita MacGillivray.....	257
	dedecora MacGillivray.....	257
	delicatula MacGillivray....	270
	deminuta MacGillivray.....	270
	demissa MacGillivray.....	257
	derosa MacGillivray.....	257
	destricta MacGillivray.....	257
	devincta MacGillivray.....	257
	dotata MacGillivray.....	257
	lorata MacGillivray.....	257
	quadrifasciata MacGillivray	270
	stipata MacGillivray.....	270
	subatrata MacGillivray	257, 270
	sublorata MacGillivray	257, 270
	subpallida MacGillivray....	270
	sueta MacGillivray.....	270
	trifasciata MacGillivray....	270
	potentillae Bassett, Gonaspis... 216	
	potulenta MacGillivray, Strongy-	
	logastroidea	261
	praecox Van Duzee, Cedusa....	153
	primativus MacGillivray, Stron-	
	gylogaster	260
	primus McDunnough, Camp-	
	surus	144
	Priocera Kirby.....	232
	lecontei Wolcott.....	232
	Priophorus Dahlbom.....	240, 267
	acericaulis MacGillivray....	257
	infuscatus (MacGillivray)..	240
	modestius MacGillivray....	258
	moratus MacGillivray.....	258
	munditus MacGillivray.....	258
	palliolatus (MacGillivray)....	267
	prisca Van der Wulp, Phorbia..	207
	Pristiphora Latreille.....	258
	ostiaria MacGillivray.....	258
	Probezzia Kieffer.....	175
	fulvithorax Malloch.....	175
	incerta Malloch.....	175
	infuscata Malloch.....	176
	obscura Malloch.....	176
	pallida Malloch.....	176

	PAGE		PAGE
<i>proboscidalis</i> Malloch, <i>Neohy-</i>		<i>Psilodora</i> Foerster.....	216
<i>lemya</i>	205	<i>septemspinosa</i> (Gillette)...	216
<i>prohoscidalis</i> Malloch, <i>Pogon-</i>		Pteromalidae	219
<i>omyza</i>	208	<i>Pteromalus</i> Swederus.....	220
Prociophilus Koch.....	155	<i>forbesi</i> Dalla Torre.....	220
<i>fraxinifoli</i> (Thomas).....	155	<i>fulvipes</i> Foches.....	220
<i>productus</i> Metcalf, <i>Oecleus</i> ...	153	<i>gelechia</i> Webster.....	220
Profenus MacGillivray.....	258	<i>pallipes</i> Forbes.....	220
<i>collaris</i> MacGillivray.....	258	Pteronidea Rohwer.....	210, 258
<i>propinquus</i> Reuter, <i>Nabis</i>	147	<i>edessa</i> MacGillivray.....	258
Prosalpia Pokorny.....	208	<i>edita</i> MacGillivray.....	258
<i>angustitarsus</i> Malloch.....	208	<i>edura</i> MacGillivray.....	258
Prosimulium Roubaud.....	181	<i>effeta</i> MacGillivray.....	258
<i>mutatum</i> Malloch.....	181	<i>effrenatus</i> MacGillivray.....	258
Prospaltella Ashmead.....	222	<i>effusa</i> MacGillivray.....	259
<i>fasciativentris</i> Girault.....	222	<i>egeria</i> MacGillivray.....	259
<i>fuscipennis</i> Girault.....	223	<i>egnatia</i> MacGillivray.....	259
<i>perspicuipennis</i> Girault....	223	<i>electra</i> MacGillivray.....	259
Protenthes Johannsen.....	176	<i>elelea</i> MacGillivray.....	259
<i>claripennis</i> Malloch.....	176	<i>emerita</i> MacGillivray.....	259
<i>riparius</i> Malloch.....	176	<i>enavata</i> MacGillivray.....	259
Protomicropplitis Ashmead.....	212	<i>equatia</i> MacGillivray.....	259
<i>garmani</i> Ashmead (= <i>gcr-</i>		<i>equina</i> Mac Gillivray.....	259
<i>mani</i>)	212	<i>erratus</i> MacGillivray.....	259
Prototaxonus Rohwer.....	258	<i>erudita</i> MacGillivray.....	259
<i>typicus</i> Rohwer.....	258	<i>evanida</i> MacGillivray.....	259
<i>proxima</i> Malloch, <i>Hydrophoria</i> ..	200	<i>exacta</i> MacGillivray.....	259
<i>psecas</i> Girault, <i>Stephanodes</i> ...	228	<i>excessus</i> MacGillivray.....	259
Pseudaglossa Grote.....	162	<i>robiniae</i> (Forbes).....	210
<i>forbesi</i> French.....	162	<i>trilineata</i> Norton.....	210
Pseudalyptia Hy. Edwards.....	233	<i>pulchella</i> Hebard, <i>Sinaloa</i>	143
<i>crotchii</i> Hy. Edwards.....	233	<i>pulchella</i> alha MacGillivray, <i>Ma-</i>	
<i>crotchii</i> var. <i>atrata</i> Hy. Ed-		<i>crophyta</i>	251
<i>wards</i>	233	<i>pulcher</i> Girault, <i>Cristatithorax</i> ..	218
Pseudochironomus Malloch....	176	<i>pulchra</i> Girault, <i>Signiphora</i>	219
<i>richardsoni</i> Malloch.....	176	<i>pulchra</i> Liljeblad, <i>Mordellistena</i> ..	159
Pseudocloeon Klapálek.....	144	<i>pulchrinotum</i> Girault, <i>Tumidi-</i>	
<i>veteris</i> McDunnough.....	144	<i>clava</i>	225
Pseudococcus Westwood.....	158	<i>pulchripennis</i> Girault, <i>Paraguay</i>	216
<i>sorghii</i> (Forbes).....	158	<i>pulchrum</i> Girault, <i>Tumidifemur</i>	225
Pseudoculicoides Malloch.....	176	<i>pulla</i> Girault, <i>Camptoptera</i>	227
<i>johannseni</i> Malloch.....	176	<i>pullatus</i> MacGillivray, <i>Thrinax</i>	267
<i>major</i> Malloch.....	177	<i>pullierura</i> Girault, <i>Anaphoidea</i> ..	227
Pseudodinia Coquillett.....	196	<i>pulvinariae</i> Malloch, <i>Leucopo-</i>	
<i>polita</i> Malloch.....	196	<i>myia</i>	195
Pseudogaurax Malloch.....	191	<i>punctata</i> var. <i>intermedia</i> Mal-	
<i>fumipennis</i> (Malloch).....	191	<i>loch</i> Tiphia.....	230
Pseudoleria Garrett.....	186	<i>punctata</i> MacGillivray, <i>Macro-</i>	
<i>crassata</i> Garrett.....	186	<i>phyta</i>	251
<i>vulgaris</i> Garrett.....	186	<i>punctatipes</i> var. <i>dispar</i> Knight,	
Pseudopogonota Malloch.....	185	<i>Plagiognathus</i>	146
<i>aldrichi</i> var. <i>pallida</i> Malloch	185	<i>punctifer</i> Malloch, <i>Eupachy-</i>	
Pseudoselandria MacGillivray..	258	<i>gaster</i>	181
<i>oxalata</i> MacGillivray.....	258	<i>punctulata</i> Van der Wulp, <i>Coe-</i>	
pseudoviridis Malloch, <i>Chirono-</i>		<i>nosia</i>	198
<i>mus</i>	168	<i>punctus</i> Garrett, <i>Boletina</i>	179
		<i>pupillar</i> Grote, <i>Hormisa</i>	162

	PAGE		PAGE
pygmaeus Girault, Gonatocerus	228	repentinus MacGillivray, Unitax-	
Pyralidae	232	onus	268
Pyralidae	161	reperta MacGillivray, Tenthredo	264
Pyrausta Schrank.....	161	repertus MacGillivray, Pachyne-	
<i>caffrei</i> Flint and Malloch..	161	matus	254
pyrifoliae Forbes, Trioza.....	154	repetita McAtee, Erythroneura..	150
Q			
quadrifasciata MacGilli-		replata MacGillivray, Tenthredo.	264
vray, Pontania.....	270	repleta MacGillivray, Tenthredo	264
<i>quadrilineatus</i> Forbes, Cicadula.	149	reposita MacGillivray, Tenth-	
quadripunctata Malloch, Aphio-		redo	264
chaeta	184	reputinella MacGillivray, Tenth-	
quadripunctatus Malloch, Chi-		redo	264
ronomus	168	requieta MacGillivray, Tenth-	
quadrispinosa Malloch, Pegomy-		redo	265
myia	206	resegmina MacGillivray, Tenth-	
quadrivittatum Malloch, Aphan-		redo	265
osoma	192	resima MacGillivray, Tenthredo.	265
quercicola Knight, Deraeocoris.	146	respectus MacGillivray, Rhogo-	
quercicola Monell, Chaitophorus	154	gastera	259
<i>quercifolii</i> Thomas, Callipterus..	154	respersus MacGillivray, Rhogo-	
R			
rabida MacGillivray, Tenthredo.	263	gastera	260
rabiosa MacGillivray, Tenthredo	263	resticula MacGillivray, Tenth-	
rabula MacGillivray, Tenthredo.	263	redo	265
racilla MacGillivray, Tenthredo..	263	restricta MacGillivray, Tenth-	
ralla MacGillivray, Tenthredo..	263	redo	265
raptor Girault and Sanders, Mus-		resupina MacGillivray, Tenth-	
cidifurax	219	redo	265
rarus MacGillivray, Pachynema-		reticentia MacGillivray, Tenth-	
tus	254	redo	265
recurva Malloch, Hylemyia.....	202	retinentia MacGillivray, Tenth-	
redimacula MacGillivray, Ten-		redo	265
thredo	263	retorridum Girault, Pentarthron.	225
reduvia MacGillivray, Tenthredo	263	retosta MacGillivray, Tenthredo	265
Reduviidae	147	retroversa MacGillivray, Tenth-	
reflua MacGillivray, Tenthredo..	264	redo	265
refractaria MacGillivray, Tenth-		Rhadinoceraea Konow.....	259
redo	264	similata MacGillivray.....	259
refractarius MacGillivray, Pach-		rhammisia MacGillivray, Tenth-	
chynematus	254	redo	265
refuga MacGillivray, Tenthredo.	264	Rhamphomyia Meigen.....	183
refugus MacGillivray, Dolerus..	244	conservativa Malloch.....	183
regula MacGillivray, Tenthredo.	264	Rhizagrotis Smith.....	162
regularis Malloch, Andrena.....	231	poldingi Barnes and Benja-	
reliqua MacGillivray, Rhogogas-		min	162
tera	270	Rhizobius Burmeister.....	156
reliqua MacGillivray, Tenthredo	264	spicatus Hart.....	156
remae MacGillivray, Tenthredo.	264	Rhogogastera Konow.....	259, 270
remissa MacGillivray, Tenthredo	264	reliqua MacGillivray.....	270
remissus MacGillivray, Pachyne-		respectus MacGillivray.....	259
matus	254	respersus MacGillivray.....	260
remora MacGillivray, Tenthredo.	264	ruga MacGillivray.....	260
remota MacGillivray, Tenthredo	264	Rhopalosiphum Koch.....	156
		<i>tulipae</i> Thomas.....	156

	PAGE		PAGE
<i>Rhypoideus</i> Howard.....	218	<i>rufoculus</i> MacGillivray, Strongy-	
<i>fuscus</i> Girault.....	218	<i>logaster</i>	260
<i>Rhynchothrips</i> Hood.....	145	<i>rufostigmus</i> MacGillivray, Ten-	
<i>buffae</i> (Hood).....	145	<i>thredo</i>	266
<i>richardsoni</i> Malloch, Pseudochi-		<i>rufula</i> MacGillivray, Strongylo-	
<i>ronomus</i>	176	<i>gastroidea</i>	261
<i>rima</i> MacGillivray, Tenthredo... 265		<i>rufus</i> Gillette, Antistrophus... 214	
<i>riparella</i> Malloch, Agromyza... 194		<i>rugula</i> MacGillivray, Rhogogas-	
<i>riparia</i> Malloch, Agromyza..... 194		<i>tera</i>	260
<i>riparius</i> MacGillivray, Urocerus. 268		<i>rugulosa</i> Malloch, Tiphia..... 230	
<i>riparius</i> Malloch, Protenthes... 176		<i>ruina</i> MacGillivray, Tenthredo.. 266	
<i>ripula</i> MacGillivray, Tenthredo. 265		<i>ruinosa</i> MacGillivray, Tenthredo 266	
<i>rivalis</i> Girault, Gonatocerus... 228		<i>ruma</i> MacGillivray, Tenthredo.. 266	
<i>robertsoni</i> Malloch, Tiphia..... 230		<i>rumicis</i> MacGillivray, Unitaxo-	
<i>robiniae</i> Forbes, Nematus..... 210		<i>nus</i>	268
<i>robustus</i> var. <i>insignis</i> Parshley,		<i>rumina</i> MacGillivray, Tenthredo 266	
<i>Aradus</i>	147	<i>rurigena</i> MacGillivray, Tenth-	
<i>rohweri</i> MacGillivray, Metallus. 252		<i>redo</i>	266
<i>roscidus</i> MacGillivray, Pachyne-		<i>ruscullus</i> MacGillivray, Mono-	
<i>matus</i>	254	<i>phadnus</i>	253
<i>roseata</i> Walker, Aemilia..... 233		<i>rusa</i> MacGillivray, Tenthredo.. 266	
<i>rota</i> MacGillivray, Tenthredo... 265		<i>rustica</i> MacGillivray, Tenthredo 266	
<i>rotula</i> MacGillivray, Tenthredo. 265		<i>rusticana</i> MacGillivray, Tenth-	
<i>rubj</i> Forbes, Metallus..... 210		<i>redo</i>	266
<i>rubj</i> Thomas, Pemphigus..... 155		<i>rusticula</i> MacGillivray, Tenth-	
<i>rubicunda</i> MacGillivray, Tenth-		<i>redo</i>	266
<i>redo</i>	265	<i>ruta</i> MacGillivray, Tenthredo... 266	
<i>rubida</i> Weld, Callirhytis..... 215		<i>rutata</i> MacGillivray, Tenthredo. 266	
<i>rubrica</i> MacGillivray, Tenthredo 265		<i>rutila</i> MacGillivray, Tenthredo.. 266	
<i>rubricosa</i> MacGillivray, Tenth-			
<i>redo</i>	265	S	
<i>rubriocellata</i> Malloch, Typh-		<i>salicula</i> Gibson, Corythucha... 147	
<i>locyba</i>	152	<i>salicicola</i> Smith, Euura..... 210	
<i>rubriocellata</i> var. <i>clara</i> McAtee,		<i>salinus</i> MacGillivray, Dimor-	
<i>Typhlocyba</i>	152	<i>phopteryx</i>	240
<i>rubripalpis</i> Van der Wulp, Spilo-		<i>sanguinea</i> Girault, Westwood-	
<i>gaster</i>	208	<i>ella</i>	226
<i>rubripes</i> MacGillivray, Tenth-		<i>Sapromyza</i> Fallen..... 187	
<i>redo</i>	266	<i>aequalis</i> Malloch..... 187	
<i>rubrisommus</i> MacGillivray, Ten-		<i>blaisdelli</i> Cresson..... 187	
<i>thredo</i>	266	<i>cilifera</i> Malloch..... 187	
<i>rudicula</i> MacGillivray, Tenth-		<i>citreifrons</i> Malloch (Sapro-	
<i>redo</i>	266	<i>myzosoma</i>)	187
<i>ruficornia</i> MacGillivray, Tenth-		<i>fratercula</i> Malloch..... 187	
<i>redopsis</i>	267	<i>fuscibasis</i> Malloch..... 187	
<i>ruficornis</i> Malloch, Lonchaea... 189		<i>harti</i> Malloch..... 187	
<i>rufinerva</i> MacGillivray, Strongy-		<i>inaequalis</i> Malloch..... 187	
<i>logastroidea</i>	261	<i>incerta</i> Malloch..... 187	
<i>rufipes</i> Ashmead, Uriella..... 221		<i>littoralis</i> Malloch..... 187	
<i>rufipes</i> Gillette, Eucoilidea..... 216		<i>nubilifera</i> Malloch..... 187	
<i>rufocinctana</i> MacGillivray,		<i>pernotata</i> Malloch..... 187	
<i>Strongylogastroidea</i>	261	<i>seticauda</i> Malloch..... 187	
<i>rufocinctella</i> MacGillivray,		<i>similata</i> Malloch..... 187	
<i>Strongylogastroidea</i>	261	<i>Sapromyzidae</i>	187
<i>rufocinctus</i> MacGillivray, Pachy-		<i>sarrothripae</i> Weed, Apanteles.. 211	
<i>nematus</i>	255	<i>savagei</i> MacGillivray, Tenthredo 266	

	PAGE
saxatile Morse, Spharagemon...	143
saxatilis McNeill, Trimerotropis	143
Scarabaeidae	159
scarlatina var. limbaticornis	150
Spangberg, Gypona.....	151
scarlatina var. pectoralis Spang-	151
berg, Gypona.....	151
Scatophaga Meigen.....	185
grisea Malloch.....	185
Scatophagidae	184
Scatopsidae	180
scelestia MacGillivray, Neopareo-	156
phora	156
Scellonidae	213
Sceptonia Winnertz.....	179
johannsoni Garrett.....	179
Schizocerus Lepeletier.....	260
johsoni MacGillivray.....	260
Schizoneura Hartig.....	156
panicola Thomas.....	156
pinicola Thomas.....	156
Schoenomyza Haliday.....	208
aurifrons Malloch.....	208
convexifrons Malloch.....	208
dorsalis var. partita Malloch	208
dorsalis var. sulfuriceps	208
Malloch	208
sciaspidis Spuler, Leptocera	187
(Opacifrons)	187
Sciophila Meigen.....	180
parvus Garrett.....	180
scopulosus MacGillivray, Dimor-	240
phopteryx	240
scriptus Malloch, Borborus....	186
scudderi var. texensis Hart, Mel-	143
anoplus	143
scutellaris Gillette, Diastrophus.	216
scutellaris var. insolita McAtee,	150
Erythroneura	150
secundus MacGillivray, Tenth-	266
redo	266
Selandria Leach.....	260
bipartita Cresson.....	260
caryae Norton.....	260
diluta Cresson.....	260
floridana MacGillivray.....	260
Selidosema Hübner.....	233
albescens Hulst.....	233
semicincta Davis, Tibicen.....	148
semifumipennis Girault, Uscana	225
semifuscipennis Girault, Apheli-	224
noidea	224
semivitta Malloch, Allognotha..	196
Sepsidae	189
Sepsis Fallen.....	189

	PAGE
neocynipsea Melander and	189
Spuler	189
signifera var. curvittibia Me-	189
lander and Spuler.....	189
septemspinosa Gillette, Eucoila.	216
Serica MacLeay.....	160
mystaca Dawson.....	160
Serromyia Meigen.....	177
crassifemorata Malloch.....	177
serus Malloch, Chironomus....	168
seticauda Malloch, Sapromyza..	188
setifer Malloch, Hylemyia.....	202
setiger Malloch, Neochirosia....	205
setigera Malloch, Amiota.....	191
setulosa Malloch, Madiza (Si-	191
phonella)	191
sexnotata (Fallen), Cicadula....	149
sexpunctat Malloch, Erythro-	150
neura	150
shawi MacGillivray, Monophad-	253
noides	253
shermani MacGillivray, Stron-	261
gylogastroidea	261
sibylla Girault, Polynema.....	228
sicatus MacGillivray, Tenthredo	267
sicula McAtee, Laphria.....	182
signata Norton, Tenthredella... 264	264
signatipennis Van der Wulp,	209
Spilogaster	209
signifera var. curvittibia Melan-	189
der and Spuler, Sepsis.....	189
significans Hy. Edwards, Halisi-	233
dota	233
Signiphora Ashmead.....	218
fasciata Girault.....	218
fax Girault.....	218
flava Girault.....	218
flavella Girault.....	218
maculata Girault.....	219
pulchra Girault.....	219
silphii Gillette, Antistrophus... 214	214
simblidis Aurivillius, Oophthora	224
similata MacGillivray, Rhadino-	259
ceraea	259
similata Malloch, Agromyza.... 194	194
similata Malloch, Sapromyza.... 188	188
similalis Guenée, Loxostege.... 161	161
similatus Malloch, Tanytarsus.. 179	179
similis Malloch, Corynoneura... 169	169
similis Malloch, Eremomyioides. 198	198
similis Malloch, Pogonomyia.... 208	208
similis Malloch, Tiphia.....	230
similis Woodworth, Tettigonia.. 151	151
Simplemphytus MacGillivray.... 260	260
pacificus MacGillivray.....	260
simulans Rohwer, Dolerus..... 244	244

	PAGE		PAGE
<i>simulatus</i> MacGillivray, Tenthredo	267	Sphecidae	230
Simuliidae	181	Sphenophorus Schönherr	160
Simulium Latreille	181	<i>minimus</i> Hart	160
<i>arcticum</i> Malloch	181	Sphex Linnaeus	230
<i>forbesi</i> Malloch	181	<i>argentata</i> Hart	230
<i>johannseni</i> Hart	181	<i>spicatum</i> MacGillivray, <i>Trichiosoma</i>	268
<i>parnassum</i> Malloch	181	<i>spicatus</i> Hart, <i>Rhizobius</i>	156
<i>piscicidum</i> Riley	181	<i>spiculata</i> MacGillivray, <i>Hylotoma</i>	249
<i>venustoides</i> Hart	181	<i>spiculatus</i> MacGillivray, <i>Strongylogastroidea</i>	261
Sinaloa Scudder	143	Spilochalcis Thomson	217
<i>pulchella</i> Hebard	143	<i>anisitsi</i> Girault	217
<i>sinaloa</i> Hebard, <i>Insara</i>	142	Spilocryptus Thomson	213
<i>sinaloae</i> Hebard, <i>Montezumina</i>	142	<i>canarsiae</i> Ashmead	213
<i>singularis</i> Ashmead, <i>Solenaspis</i>	216	Spilogaster MacQuart	208
Sipha Passerini	155	<i>copiosa</i> Van de Wulp	208
<i>flavus</i> (Forbes)	155	<i>parvula</i> Van der Wulp	208
Siphonophora Koch	156	<i>rubripalpis</i> Van der Wulp	208
<i>acerifoliae</i> Thomas	156	<i>signatipennis</i> Van der Wulp	209
<i>heucherae</i> Thomas	156	<i>spinidens</i> Malloch, <i>Hylemyia</i>	203
<i>minor</i> Forbes	156	<i>spinifer</i> Malloch, <i>Chrysotus</i>	183
Siricidae	268	<i>spiniger</i> McAtee and Malloch, <i>Stenolemus</i>	147
<i>slossonae</i> MacGillivray, <i>Polybates</i>	256	<i>spiniger</i> Malloch, <i>Botanobia</i>	190
<i>slossonae</i> Malloch, <i>Cricotopus</i>	170	<i>spinigerellus</i> Malloch, <i>Pegomyia</i>	206
<i>slossonae</i> MacGillivray, <i>Macrophya</i>	269	<i>spinilamellata</i> Malloch, <i>Helina</i>	200
<i>slossonii</i> MacGillivray, <i>Tenthredo</i>	267	<i>spinilamellata</i> Malloch, <i>Hylemyia</i>	203
<i>smectica</i> MacGillivray, <i>Tenthredo</i>	267	<i>spiritus</i> Girault, <i>Anagrus</i>	227
Smithomyia Malloch	204	<i>splendidus</i> Malloch, <i>Gaurax</i>	191
<i>concinna</i> (Van der Wulp)	204	<i>squamosa</i> Hart, <i>Geoica</i>	155
<i>snowi</i> Hart, <i>Odontomyia</i>	182	Stenolemus Signoret	147
<i>socia</i> Van der Wulp, <i>Limnophora</i>	204	<i>spiniger</i> McAtee and Malloch	147
<i>solani</i> Thomas, <i>Megoura</i>	155	Stenomylia Loew	189
Solenaspis Ashmead	216	<i>nasoni</i> Cresson	189
<i>singularis</i> Ashmead	216	Stephanodes Enoch	228
<i>solidaginis</i> Girault, <i>Aulacidea</i>	215	<i>psecas</i> Girault	228
Somatochlora Selys	144	<i>Stethynium</i> Enoch	229
<i>macrotona</i> Williamson	144	<i>faunum</i> Girault	229
<i>sordidata</i> Girault, <i>Anaphoidea</i>	227	Stichothrix Foerster	229
<i>sorghiiellus</i> Forbes, <i>Coccus</i>	158	<i>bifasciatipennis</i> Girault	229
<i>soror</i> Davis, <i>Phyllophaga</i>	160	<i>stigmatus</i> MacGillivray, <i>Tenthredo</i>	267
<i>sparta</i> MacGillivray, <i>Hylotoma</i>	249	<i>stipata</i> MacGillivray, <i>Pontania</i>	270
<i>spathiophora</i> Malloch, <i>Fannia</i>	199	<i>stomachosus</i> Girault, <i>Aphycus</i>	217
<i>speciosa</i> Hulst, <i>Diasticus</i>	232	Stratiomyiidae	181
<i>speciosissimus</i> Girault, <i>Microterys</i>	218	<i>striaticorne</i> Girault, <i>Polynema</i>	228
<i>spectabilis</i> MacGillivray, <i>Ceratus</i>	239	<i>striatifrons</i> Malloch, <i>Lonchaea</i>	189
<i>sphagnicola</i> Alexander, <i>Neophrotoma</i>	162	<i>striatus</i> Malloch, <i>Orthocladus</i> (<i>Trichocladus</i>)	175
Spharagemon Scudder	143	Strongylogaster Dahlbom	260
<i>saxatile</i> Morse	143	<i>pacificus</i> MacGillivray	260
		<i>primitivus</i> MacGillivray	260
		<i>rufoculus</i> MacGillivray	260

	PAGE
Strongylogastroidea Ashmead..	261
<i>borealis</i> (MacGillivray).....	261
<i>confusa</i> MacGillivray.....	261
<i>depressata</i> MacGillivray.....	261
<i>potulenta</i> MacGillivray.....	261
<i>rufinerva</i> MacGillivray.....	261
<i>rufocinctana</i> MacGillivray..	261
<i>rufocinctella</i> MacGillivray..	261
<i>rufula</i> MacGillivray.....	261
<i>shermani</i> MacGillivray.....	261
<i>spiculatus</i> MacGillivray....	261
<i>unicinctella</i> MacGillivray... 261	261
<i>unicinctus</i> Norton.....	261
<i>stagnus</i> MacGillivray, Dolerus..	244
<i>subaequalis</i> Malloch, Chironomus	169
<i>subangulata</i> Malloch, Agromyza	194
<i>subaterrimus</i> Malloch, Campocladius	163
<i>subatrata</i> MacGillivray, Pontania	257, 270
<i>subcarinata</i> Malloch, Tiphia... 230	230
<i>subfasciatipennis</i> Girault, Westwoodella	226
<i>subflava</i> Girault, Abbella..... 224	224
<i>subfusca</i> Malloch, Phaonia.... 207	207
<i>subgrisea</i> Malloch, Pegomyia... 206	206
<i>subimpunctatus</i> Malloch, Euschistus	148
<i>subinfumata</i> Malloch, Agromyza	194
<i>sublornata</i> MacGillivray, Pontania	257, 270
<i>subpallida</i> MacGillivray, Pontania	270
<i>subparallelus</i> Malloch, Orthocladius (Orthocladius)	174
<i>subpellucida</i> Malloch, Hydrophoria	200
<i>subrotata</i> Harvey, Heterocampa	233
<i>substriatella</i> Malloch, Hylemyia	203
<i>subteresa</i> Garrett, Bolitophila..	179
<i>subvirens</i> Malloch, Agromyza..	194
<i>sueta</i> MacGillivray, Pontania..	270
<i>Suiffia</i> R.-Desvoidy.....	186
<i>loewi</i> Garrett.....	186
<i>superba</i> Hy. Edwards, Heterocampa	233
<i>Sympherta</i> Hulst.....	233
<i>julia</i> Hulst.....	233
<i>Sympiesis</i> Foerster.....	222
<i>bimaculatipennis</i> (Girault)..	222
<i>Synergus</i> Hartig.....	216
<i>magnus</i> Gillette.....	216
<i>villosus</i> Gillette.....	216
Syrphidae	184

	PAGE
<i>tabanivorus</i> Ashmead, Phanurus	213
Tachinidae	209
Tachydromia Meigen.....	183
<i>harti</i> Malloch.....	183
Taeniomyia Stein.....	200
<i>pictipes</i> (Bigot).....	200
<i>transversalis</i> Van der Wulp)	200
Tanypus Meigen.....	177
<i>cornuticaudatus</i> Walley....	177
<i>decoloratus</i> Malloch.....	177
<i>hirtipennis</i> Loew.....	177
<i>illinoensis</i> Malloch.....	177
<i>inconspicuus</i> Malloch.....	177
<i>mallochi</i> Walley.....	178
<i>marginellus</i> Malloch.....	178
Tanytarsus Van der Wulp.....	178
<i>confusus</i> Malloch.....	178
<i>dubius</i> Malloch.....	178
<i>flavicauda</i> Malloch.....	178
<i>muticus</i> Johannsen.....	178
<i>neoflavellus</i> Malloch.....	178
<i>politus</i> Malloch.....	179
<i>similatus</i> Malloch.....	179
<i>viridiventris</i> Malloch.....	179
Taxonus Hartig.....	261, 270
<i>borealis</i> (MacGillivray)....	261
<i>inclinatus</i> MacGillivray....	261
<i>innominatus</i> MacGillivray..	261
<i>montanus</i> MacGillivray....	270
<i>unicinctus</i> Norton.....	261
<i>tecta</i> McAtee, Erythroneura....	150
<i>tectus</i> MacGillivray, Dolerus..	244
Telamona Fitch.....	149
<i>dubiosa</i> Van Duzee.....	149
<i>irrorata</i> Goding.....	149
Telmatettix Hancock.....	143
<i>minutus</i> Hancock.....	143
<i>tentans</i> var. <i>pallidivittatus</i> Malloch, Chironomus.....	169
Tenthredella Rohwer.....	262, 267
<i>cogitans</i> (Provancher)....	262
<i>dubitata</i> (MacGillivray)....	262
<i>elegantula</i> (Cresson).....	263
<i>grandis</i> (Norton).....	262
<i>neoslossoni</i> (MacGillivray)	262
<i>obliquatus</i> (MacGillivray)..	263
<i>remora</i> (MacGillivray)....	264
<i>signata</i> (Norton).....	264, 267
<i>slossonii</i> (MacGillivray)....	267
Tenthredinidae	210, 235
Tenthredo Linnaeus....	210, 250, 261
<i>aequalis</i> MacGillivray.....	261
<i>aldrichii</i> MacGillivray.....	261
<i>alphius</i> MacGillivray.....	261
<i>atracostus</i> MacGillivray....	261

	PAGE		PAGE
<i>atravenus</i> MacGillivray.....	262	<i>resupina</i> MacGillivray.....	265
<i>billineatus</i> MacGillivray.....	262	<i>reticentia</i> MacGillivray.....	265
<i>capitatus</i> MacGillivray.....	262	<i>retinentia</i> MacGillivray.....	265
<i>causatus</i> MacGillivray.....	262	<i>retosta</i> MacGillivray.....	265
<i>dubia</i> Norton, (Allantus).....	262	<i>retroversa</i> MacGillivray.....	265
<i>dubitata</i> MacGillivray.....	262	<i>rhammisia</i> MacGillivray.....	265
<i>dubitatus</i> MacGillivray.....	262	<i>rima</i> MacGillivray.....	265
<i>fernaldi</i> MacGillivray.....	262	<i>ripula</i> MacGillivray.....	265
<i>fernaldii</i> MacGillivray.....	262	<i>rota</i> MacGillivray.....	265
<i>frigida</i> MacGillivray.....	270	<i>rotula</i> MacGillivray.....	265
<i>hyalinus</i> MacGillivray.....	262	<i>rubicunda</i> MacGillivray.....	265
<i>junghanssi</i> MacGillivray.....	262	<i>rubrica</i> MacGillivray.....	265
<i>lateralba</i> MacGillivray.....	262	<i>rubricosa</i> MacGillivray.....	265
<i>linipes</i> MacGillivray.....	262	<i>rubripes</i> MacGillivray.....	266
<i>lunatus</i> MacGillivray.....	262	<i>rubrisomus</i> MacGillivray.....	266
<i>magnatus</i> MacGillivray.....	262	<i>rudicula</i> MacGillivray.....	266
<i>magnifica</i> (MacGillivray).....	250	<i>rufostigmus</i> MacGillivray.....	266
<i>messica</i> MacGillivray.....	210, 262	<i>ruina</i> MacGillivray.....	266
<i>messicaeformis</i> Rohwer.....	262	<i>ruinosa</i> MacGillivray.....	266
<i>neostlossoni</i> MacGillivray.....	262	<i>ruma</i> MacGillivray.....	266
<i>nigricoxi</i> MacGillivray.....	263	<i>rumtua</i> MacGillivray.....	266
<i>nigrifascia</i> MacGillivray.....	263	<i>rurigena</i> MacGillivray.....	266
<i>nigritibialis</i> MacGillivray.....	263	<i>russa</i> MacGillivray.....	266
<i>nova</i> MacGillivray.....	263	<i>rustica</i> MacGillivray.....	266
<i>obliquatus</i> MacGillivray.....	263	<i>rusticana</i> MacGillivray.....	266
<i>olivatipes</i> MacGillivray.....	263	<i>rusticula</i> MacGillivray.....	266
<i>pallicola</i> MacGillivray.....	263	<i>ruta</i> MacGillivray.....	266
<i>pallipectis</i> MacGillivray.....	263	<i>rutata</i> MacGillivray.....	266
<i>pallipunctus</i> MacGillivray.....	263	<i>rutula</i> MacGillivray.....	266
<i>perplexus</i> MacGillivray.....	263	<i>savagei</i> MacGillivray.....	266
<i>rabida</i> MacGillivray.....	263	<i>secundus</i> MacGillivray.....	266
<i>rabiosa</i> MacGillivray.....	263	<i>sicatus</i> MacGillivray.....	267
<i>rabula</i> MacGillivray.....	263	<i>simulatus</i> MacGillivray.....	267
<i>racilia</i> MacGillivray.....	263	<i>stossonii</i> MacGillivray.....	267
<i>ralla</i> MacGillivray.....	263	<i>smectica</i> MacGillivray.....	267
<i>redimacula</i> MacGillivray.....	263	<i>stigmatus</i> MacGillivray.....	267
<i>reduvia</i> MacGillivray.....	263	<i>terminatus</i> MacGillivray.....	267
<i>reflua</i> MacGillivray.....	264	<i>ventricus</i> MacGillivray.....	267
<i>refractaria</i> MacGillivray.....	264	<i>yuasi</i> MacGillivray.....	267
<i>refuga</i> MacGillivray.....	264	Tenthredopsis Costa.....	267, 270
<i>regula</i> MacGillivray.....	264	<i>primativus</i> (MacGillivray).....	260
<i>reliquia</i> MacGillivray.....	264	<i>ruficornia</i> (MacGillivray).....	267
<i>rema</i> MacGillivray.....	264	<i>transversa</i> MacGillivray.....	270
<i>remissa</i> MacGillivray.....	264	<i>tenuicaudatus</i> Malloch, Chironomus.....	169
<i>remora</i> MacGillivray.....	264	<i>tenuicornis</i> Malloch, Heteromyia.....	172
<i>remota</i> MacGillivray.....	264	<i>teratis</i> Weed, Limneria.....	213
<i>reperta</i> MacGillivray.....	264	<i>terminana</i> Busck, Hysterosia.....	161
<i>replata</i> MacGillivray.....	264	<i>terminatus</i> MacGillivray, Tenthredo.....	267
<i>repleta</i> MacGillivray.....	264	<i>terrestris</i> Weld, Disholcaspis.....	216
<i>reposita</i> MacGillivray.....	264	<i>testaceipes</i> Cresson, Lysiphlebius.....	210
<i>reputina</i> MacGillivray.....	264	<i>tetrachaeta</i> Malloch, Limnophora.....	204
<i>reputinella</i> MacGillivray.....	264		
<i>requieta</i> MacGillivray.....	265		
<i>resegnina</i> MacGillivray.....	265		
<i>resima</i> MacGillivray.....	265		
<i>resticula</i> MacGillivray.....	265		
<i>restricta</i> MacGillivray.....	265		

	PAGE		PAGE
Tetramerinx Berg.....	209	Trama Heyden.....	157
<i>brevicornis</i> Malloch.....	209	<i>erigeronensis</i> (Thomas)....	157
Tetrastichodes Ashmead.....	223	<i>transversa</i> MacGillivray, Pam-	
<i>hyalinipennis</i> Girault.....	223	<i>philus</i>	235
Tetrastichus Halliday.....	223	<i>transversa</i> MacGillivray, Tenth-	
<i>caerulescens</i> Ashmead.....	223	<i>redopsis</i>	270
<i>carinatus</i> Forbes.....	223	<i>transversalis</i> Van der Wulp, Hy-	
<i>johnsoni</i> Ashmead.....	223	<i>drophoria</i>	200
Tetrigidae	143	<i>transversus</i> MacGillivray, Mono-	
Tettigonia Fabricius.....	151	<i>phadnus</i>	253
<i>similis</i> Woodworth.....	151	Traxus Metcalf.....	154
Tettigoniidae	142	<i>fulvus</i> Metcalf.....	154
<i>texanus</i> Metcalf, Olfarus.....	153	<i>trianguligera</i> Malloch, Fannia...	199
<i>texensis</i> Malloch, Phaonia.....	207	Trichaporus Foerster.....	223
<i>texensis</i> Malloch, Tiphia.....	230	<i>aeneoviridis</i> Girault.....	223
Thamnotettix Zetterstedt.....	149	Trichiocampus Hartig.....	256, 267
<i>nigrifrons</i> (Forbes).....	149	<i>pacatus</i> MacGillivray.....	267
Thelethia Dyar.....	232	<i>paetulus</i> MacGillivray.....	267
<i>extranea</i> (Hy. Edwards)....	232	<i>palliolatus</i> MacGillivray....	267
Thera Stephens.....	233	<i>patchiae</i> MacGillivray.....	267
<i>georgii</i> (Hulst).....	233	<i>victoria</i> (MacGillivray)....	256
Thia Hy. Edwards.....	232	<i>viminalis</i> Fallen.....	256
<i>extranea</i> Hy. Edwards.....	232	Trichiosoma Leach.....	267
Thrinax Konow.....	267	<i>bicolor</i> Norton.....	268
<i>pullatus</i> MacGillivray.....	267	<i>confundum</i> MacGillivray....	267
Thyanta Stål.....	148	<i>confusum</i> MacGillivray....	267
<i>elegans</i> Malloch.....	148	<i>spicatum</i> MacGillivray.....	268
Thysanoptera	145	Trichogramma Westwood.....	224
Tibicen Latreille.....	148	<i>evanescens</i> Westwood.....	224
<i>semicincta</i> Davis.....	148	<i>simbidiis</i> (Aurivillius)....	224
<i>tincta</i> form <i>pilosus</i> Coquillett,		Trichogrammatella Girault.....	225
<i>Amoebalaria</i>	185	<i>tristis</i> Girault.....	225
Tingidae	147	Trichogrammatidae	224
Tiphia Fabricius.....	229	Trichogrammatocidea	225
<i>affinis</i> Malloch.....	229	<i>lutea</i> Girault.....	225
<i>arida</i> Malloch.....	229	Trichothrips Uzel.....	145
<i>aterrima</i> Malloch.....	229	<i>americanus</i> Hood.....	145
<i>clypeolata</i> Malloch.....	229	<i>angusticeps</i> Hood.....	145
<i>conformis</i> Malloch.....	229	<i>buffae</i> Hood.....	145
<i>inaequalis</i> Malloch.....	229	<i>longitubus</i> Hood.....	145
<i>punctata</i> var. <i>intermedia</i>		Trichopticus Rondani.....	209
Malloch	230	<i>conformis</i> Malloch.....	209
<i>robertsoni</i> Malloch.....	230	<i>latipennis</i> Malloch.....	209
<i>rugulosa</i> Malloch.....	230	<i>tridens</i> Malloch, Hylemyia....	203
<i>similis</i> Malloch.....	230	<i>trifasciata</i> MacGillivray, Pon-	
<i>subcarinata</i> Malloch.....	230	<i>tania</i>	270
<i>texensis</i> Malloch.....	230	<i>trifolii</i> Forbes, Coccus.....	158
<i>tuberculata</i> Malloch.....	230	Trimeromicrus Gahan.....	220
Tiphiidae	229	<i>maculatus</i> Gahan.....	220
Tipula Linnaeus.....	162	Trimerotropis Stål.....	143
<i>flavibasis</i> Alexander.....	162	<i>saxatilis</i> McNeill.....	143
<i>mallochii</i> Alexander.....	162	<i>trinotatus</i> Melander, Nematelus.	182
Tipulidae	162	Trionymus Berg.....	158
Tomostethus Konow.....	267	<i>trifolii</i> (Forbes).....	158
<i>nortonii</i> MacGillivray.....	267	Trioxa Foerster.....	154
<i>townsendi</i> Curran, Peleteria....	209	<i>pyrifoliae</i> Forbes.....	154

	PAGE
<i>tripunctata</i> Van der Wulp, Muscina	204
<i>tristis</i> Girault, Trichogrammatella	225
<i>Tritneptis</i> Girault	220
<i>hemerocampae</i> Girault	220
<i>trochanteratus</i> Malloch, Cnemedon	184
<i>truncata</i> Rohwer, Macrophya	251
<i>truncatus</i> Metcalf, Myndus	153
<i>tuberculata</i> Malloch, Helina	200
<i>tuberculata</i> Malloch, Tiphia	230
<i>tulipae</i> Thomas, Rhopalosiphum	156
<i>tumida</i> Bassett, Aulacidea	215
<i>Tumidiclava</i> Girault	225
<i>pulchrinotum</i> Girault	225
<i>Tumidicoxa</i> Girault	217
<i>hyalinipennis</i> Girault	217
<i>Tumidifemur</i> Girault	225
<i>pulchrum</i> Girault	225
<i>turbata</i> Rohwer, Perineura	256
<i>turbida</i> Goding, Ceresa	149
<i>Tychea</i> Koch	157
<i>brevicornis</i> Hart	157
<i>erigeronensis</i> Thomas	157
<i>Typhlocyba</i> Germar	151
<i>antigone</i> McAtee	151
<i>appendiculata</i> Malloch	151
<i>athene</i> McAtee	151
<i>gillettei</i> var. <i>apicata</i> McAtee	151
<i>gillettei</i> var. <i>casta</i> McAtee	151
<i>gillettei</i> var. <i>saffrana</i> McAtee	151
<i>hartii</i> (Gillette)	151
<i>lancifer</i> McAtee	151
<i>nicarete</i> McAtee	152
<i>phryne</i> McAtee	152
<i>piscator</i> McAtee	152
<i>pomaria</i> McAtee	152
<i>rubriocellata</i> Malloch	152
<i>rubriocellata</i> var. <i>clara</i> McAtee	152
<i>typica</i> Rohwer, Claremontia	239
<i>typicella</i> MacGillivray, Blenocampa	238
<i>typicus</i> Rohwer, Prototaxonus	258
U	
<i>ulmi</i> Johnson, Aspidiotus	158
<i>ulmicola</i> Chittenden, Oberea	160
<i>ulmicola</i> Thomas, Callipterus	154
<i>ulmifolii</i> Monell, Callipterus	154
<i>umbrina</i> Watt, Agromyza	194
<i>unalatus</i> MacGillivray, Pamphilius	235
<i>unguiculata</i> Malloch, Pegomyia	206

	PAGE
<i>unica</i> Malloch, Emmesomyia	198
<i>unicalararia</i> Guenée, Drepanulatrix	161
<i>unicinetella</i> MacGillivray, Strongylogastroidea	261
<i>unicinctus</i> Norton, Taxonus	261
<i>unicolor</i> Hart, Mesochlora	143
<i>uniformis</i> Malloch, Hydrophoria	201
<i>unispinosa</i> Malloch, Amaurosome	185
<i>Unitaxonus</i> MacGillivray	268
<i>repentinus</i> MacGillivray	268
<i>rumicis</i> MacGillivray	268
<i>universus</i> MacGillivray, Allantus	236
<i>Uriella</i> Ashmead	221
<i>rufipes</i> Ashmead	221
<i>Urios</i> Girault	221
<i>vestali</i> Girault	221
<i>Urocerus</i> Geoffroy	268
<i>indecisus</i> MacGillivray	268
<i>riparius</i> MacGillivray	268
<i>Uscana</i> Girault	225
<i>semifumipennis</i> Girault	225
<i>Uscanella</i> Girault	225
<i>bicolor</i> Girault	225
<i>Uscanoidea</i> Girault	225
<i>nigriventris</i> Girault	225
<i>utahensis</i> Malloch, Chironomus	169

V

<i>vacalus</i> MacGillivray, Amauronematus	236
<i>vacivus</i> MacGillivray, Amauronematus	236
<i>valerius</i> MacGillivray, Amauronematus	236
<i>vanus</i> MacGillivray, Amauronematus	236
<i>varianus</i> MacGillivray, Amauronematus	269
<i>varicornis</i> Girault, Aphelinus	221
<i>variola</i> Garrett, Macrocera	179
<i>varipennis</i> Coquillett, Chironomus	169
<i>vectabilis</i> Brues, Hypocera	184
<i>venaticus</i> MacGillivray, Amauronematus	236
<i>veneficus</i> MacGillivray, Amauronematus	237
<i>venerandus</i> MacGillivray, Amauronematus	237
<i>ventosus</i> MacGillivray, Amauronematus	237
<i>ventosus</i> MacGillivray, Amauronematus	237
<i>ventricus</i> MacGillivray, Tentredo	267

	PAGE		PAGE
<i>venustoides</i> Hart, <i>Simulium</i>	181	<i>wheeleri</i> Spuler, <i>Leptocera</i>	
<i>venustus</i> MacGillivray, <i>Pachyne-</i>		(<i>Opacifrons</i>)	187
<i>matus</i>	255, 270	<i>williamsoni</i> Girault, <i>Mestocharis</i>	222
<i>verbosus</i> MacGillivray, <i>Amauro-</i>		<i>willughbiella kudiensis</i> Cocker-	
<i>nematus</i>	237	elli, <i>Megachile</i>	231
<i>veridicus</i> MacGillivray, <i>Amauro-</i>		<i>winnemanae</i> Malloch, <i>Lonchaea</i>	189
<i>nematus</i>	237	<i>wolfii</i> var. <i>rubilus</i> McAtee, <i>Otio-</i>	
<i>vernalis</i> Malloch, <i>Orthocladus</i>		<i>cerus</i>	154
(<i>Psectrocladius</i>)	175	<i>woodworthi</i> Woodworth, <i>Gypona</i>	151
<i>vernus</i> MacGillivray, <i>Pachyne-</i>			
<i>matus</i>	255, 270	X	
<i>versicolor</i> Girault, <i>Encarsia</i>	222	<i>Xenocoenosia</i> Malloch.....	209
<i>vescus</i> MacGillivray, <i>Amaurone-</i>		<i>floridensis</i> Malloch.....	209
<i>matus</i>	237	<i>major</i> Malloch.....	209
<i>vestali</i> Girault, <i>Urios</i>	221	<i>Xenomysdaea</i> Malloch.....	209
<i>veteris</i> McDunnough, <i>Pseudoc-</i>		<i>buccata</i> Malloch.....	209
<i>loeon</i>	144	<i>Xyalosema</i> Dalla Torre and Kieff-	
<i>vibrissata</i> Malloch, <i>Lonchaea</i> ..	189	<i>fer</i>	216
<i>victoria</i> MacGillivray, <i>Platycam-</i>		<i>singularis</i> (Ashmead).....	216
<i>pus</i>	256	<i>Xyela</i> Dalman.....	231
<i>vierecki</i> MacGillivray, <i>Platycam-</i>		<i>intrabilis</i> MacGillivray.....	234
<i>pus</i>	256	<i>Xyelidae</i>	234
<i>viereckii</i> Bradley, <i>Hypolaepus</i> ..	249	<i>Xylomyia</i> Rondani.....	182
<i>villosus</i> Gillette, <i>Synergus</i>	216	<i>pallidifemur</i> Malloch.....	182
<i>viminalis</i> Fall, <i>Trichocampus</i> ..	256		
<i>viridipes eurycerus</i> Hebard,		Y	
<i>Melanoplus</i>	143	<i>youngi</i> Malloch, <i>Agromyza</i>	194
<i>viridiventris</i> Malloch, <i>Tanytar-</i>		<i>ypsilon</i> Forbes, <i>Biston</i>	161
<i>sus</i>	179	<i>yuasi</i> MacGillivray, <i>Emphytus</i> ..	245
<i>visendus</i> MacGillivray, <i>Amauro-</i>		<i>yuasi</i> MacGillivray, <i>Tenthredo</i> ..	267
<i>nematus</i>	237		
<i>vittata</i> Metcalf, <i>Bruchomorpha</i> ..	152	Z	
<i>vittatus</i> Metcalf, <i>Oliarus</i>	153	<i>Zagrammosoma</i> Ashmead.....	221
<i>vulgaris</i> Garrett, <i>Mycomya</i>	179	<i>multilineata</i> var. <i>punicea</i>	
<i>vulgaris</i> Garrett, <i>Pseudoleria</i> ..	186	<i>Girault</i>	221
		<i>zetes</i> Girault, <i>Polynema</i>	228
W		<i>Zopheroterus</i> Ashmead.....	214
<i>Westwoodella</i> Ashmead.....	226	<i>compressus</i> (Gillette).....	214
<i>clarimaculosa</i> Girault.....	226	<i>Zophodia</i> Hübner.....	232
<i>comosipennis</i> Girault.....	226	<i>epischnioides</i> Hulst.....	232
<i>sanguinea</i> Girault.....	226	<i>Zygomysia</i> Winnertz.....	180
<i>subfasciatipennis</i> Girault...	226	<i>interrupta</i> Malloch.....	180
<i>wheeleri</i> Melander, <i>Nemotelus</i> ..	182	<i>Zygoneura</i> Meigen.....	180
		<i>fenestrata</i> Malloch.....	180