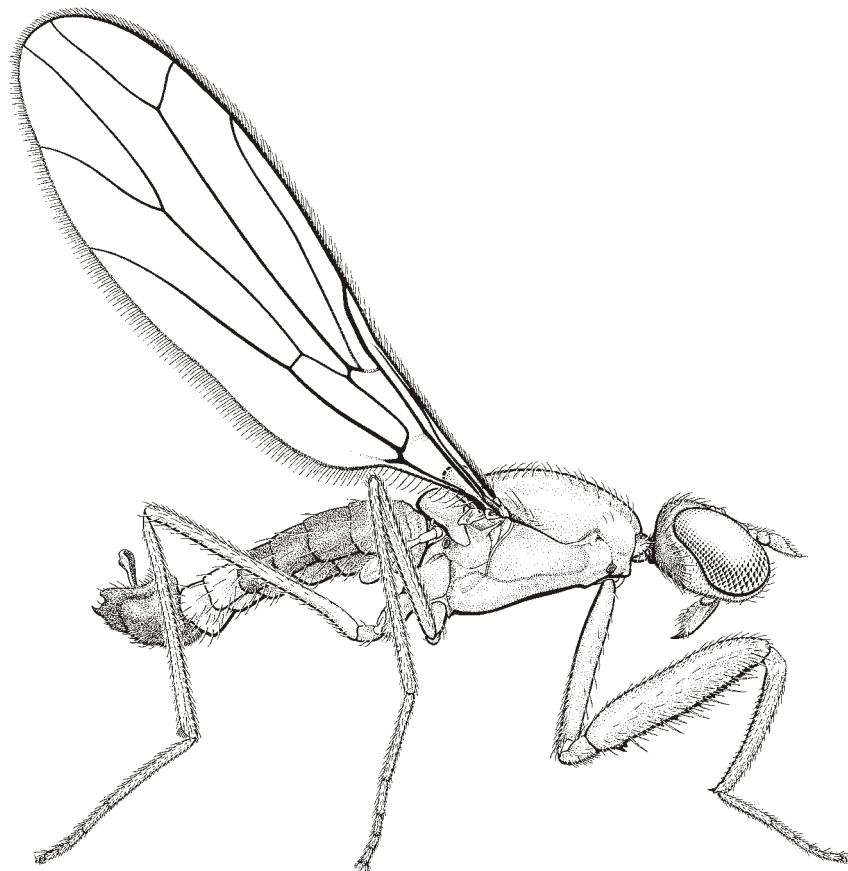




Agriculture and
Agri-Food Canada

*Diptera types in the
Canadian National
Collection of Insects*

*Supplement
Third Edition*



**Diptera types in the
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Collection of Insects**

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Third Edition**

Scott E. Brooks, Jeffrey M. Cumming, James E. O'Hara,
Jeffrey H. Skevington and Bruce E. Cooper

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Cover illustration

Hemerodromia rogatoris Coquillett

CONTENTS

Introduction	1
Acknowledgements	1
Agromyzidae	2
Anthomyiidae	2
Anthomyzidae	5
Asilidae	5
Asteiidae	5
Atelestidae	6
Bibionidae	6
Bombyliidae	6
Calliphoridae	7
Camillidae	7
Carnidae	7
Cecidomyiidae	7
Ceratopogonidae	8
Chamaemyiidae	11
Chironomidae	12
Chloropidae	14
Clusiidae	14
Conopidae	15
Ctenostylidae	15
Dolichopodidae	15
Drosophilidae	18
Empididae	19
Hybotidae	21
Inbiomyiidae	22
Ironomyiidae	22
Lauxaniidae	22
Muscidae	23
Mycetophilidae	23
Phoridae	24

Piophilidae	25
Pipunculidae	25
Rhinophoridae	26
Sarcophagidae	26
Scathophagidae	26
Sciaridae	26
Sciomyzidae	26
Simuliidae	26
Sphaeroceridae	27
Stratiomyidae	30
Syrphidae	30
Tachinidae	31
Tephritidae	34
Tethinidae	34
Thaumaleidae	35
Therevidae	36
Tipulidae	36
Xylophagidae	36
Unplaced to Family	37
Literature Cited	38
Index	47

INTRODUCTION

This third edition of the Supplement updates the series of four catalogues on the Diptera types in the Canadian National Collection of Insects (CNC). The first part (Cooper 1991), dealt with the Nematocera and catalogued the types deposited in the collection until the end of 1987. The second (Cooper & Cumming 1993), catalogued the primary types of brachyceran Diptera exclusive of the Schizophora until the end of 1991. The third (Cooper & Cumming 2000), catalogued the primary types of Schizophora exclusive of the Tachinidae in the collection until the end of 1994. The fourth part (Cooper & O'Hara 1996), catalogued the primary types of Tachinidae deposited in the CNC until the end of 1994. All four parts are also available on this website as searchable PDF documents.

The Supplement covers the entire Diptera and includes all primary types published after the dates listed above for each part, as well as those types inadvertently missed during the preparation of Parts 1 to 4, or needing some form of correction since the original entry. The format for the Supplement is the same as in the previous parts, with entries listed using the original combination and spelling. Subgeneric names are included if they were used in the original description of a new species. Entries include the following information: name of taxon and author; year of publication; abbreviated reference, including volume, relevant page, figure and plate number; and current name of country from which the primary type was collected. Unless otherwise noted, the label data associated with each primary type and allotype are cited in full, with diagonal lines separating information given on separate labels (a diagonal line not followed by a space indicates that the diagonal line is present on the label). The number of paratypes or paralectotypes is given along with their country or province/state of origin. The sex of each specimen is given. Notes about nomenclature, genitalic dissections, major damage to primary types, etc., are included wherever necessary under Remarks.

Unlike Parts 1 to 4, a hardcopy publication of the Supplement is not available; instead, this electronic Supplement will be periodically

updated to include new types deposited in the CNC. This third edition of the Supplement supersedes the first and second editions, which were published exclusively on the Internet in January 2000 and December 2003, respectively. Users should first search the appropriate Part and then this Supplement to obtain information on the type holdings in the CNC for a particular group.

ACKNOWLEDGMENTS

We would like to thank Shannon Mahony, Invertebrate Biodiversity, Agriculture and Agri-Food Canada, for reviewing this document.

AGROMYZIDAE

Cerodontha (Cerodontha) adunca Boucher, 2002, Can. Ent. 134: 592. MEXICO.

Holotype ♂: Para- type/ PARATYPE *Cerodontha* (Cer.) trispinata Spen CNC No16500/ MEX.Dgo.24 mi.W. La Ciudad,7000' 8 Aug.1964 W.R.M.Mason/ Mounted from alcohol/ Cer. (Cer.) trispinata K.A.Spencer det. 1976 ♂/ HOLOTYPE *Cerodontha* (Cerodontha) adunca Boucher.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Cerodontha (Cerodontha) inflata Boucher, 2002, Can. Ent. 134: 593. MEXICO.

Holotype ♂: Para- type/ PARATYPE *Cerodontha* (Cer.) trispinata Spen. CNC No. 16500/ 11 mi.E.El Salto,Dgo. MEX.June 13, 1964 J.F.McAlpine 8000'/ Cer. (Cer.) trispinata K.A.Spencer det. 1976 ♂/ HOLOTYPE *Cerodontha* (Cerodontha) inflata Boucher.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Cerodontha (Cerodontha) toluca Boucher, 2002, Can. Ent. 134: 595. MEXICO.

Holotype ♂: Para- type/ PARATYPE *Cerodontha* (Cer.) trispinata Spen. CNC No. 16500/ Toluca, 10 Mi. E., 8900' Mexico, Mex. 31 - VII - 1954 J. G. Chillcott/ Cer. (Cer.) trispinata K.A.Spencer det. 1976 ♂/ HOLOTYPE *Cerodontha* (Cerodontha) toluca Boucher.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Phytomyza nemopanhi Griffiths & Piercey, 1995, Can. Field Nat. 109: 24. CANADA.

Holotype ♂: Nfld. Avalon Pen. Cochrane Pond Rd. 02.04 1992/ From Leafmine: *Nemopanthus mucronata*/ 22/ *Phytomyza nemopanhi* Grif. & Norm. det. GCD Griffiths/ Holo- type.

Paratypes: 5♂♂, Newfoundland.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

ANTHOMYIIDAE

Anthomyia brevicerca Ackland & Griffiths in Griffiths, 2001, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2209. CANADA.

Holotype ♂: Holo- type/ N.W.T. 21 m.e. Tuktoyaktuk 20-25.VI.71 D.M. Wood/ *Anthomyia brevicerca* Ackl. & Grif. det. GCDG.

Paratypes: 1♂, 1♀, Northwest Territories.

Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

Anthomyia ceratophora Griffiths, 2001, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2227. USA.

Holotype ♂: Holo- type/ Big Bend N.P.TEX. Oak Spring 4500 ft. May 22 W.R.M.Mason 1959/

Anthomyia ceratophora Grif. det. GCD Griffiths. Paratypes: 2♂♂, New Mexico; 1♂, Arizona.

Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

Anthomyia cuneicerca Griffiths, 2001, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2212. CANADA.

Holotype ♂: Holo- type/ McQueen L.,10mi.N. Kamloops,B.C. 14.VI. 1973 H.J. Teskey/ *Anthomyia cuneicerca* Grif. det. GCD Griffiths.

Paratypes: 1♂, Saskatchewan; 5♂♂, Alberta; 10♂♂, British Columbia; 3♂♂, Yukon Territory; 1♂, Northwest Territories.

Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

Anthomyia dichoptica Griffiths, 2001, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2224. CANADA.

Holotype ♀: Holo- type/ McQueen L.,10mi.N. Kamloops,B.C. 2.VII. 1973 H.J. Teskey/ *Anthomyia dichoptica* Grif. det. GCD Griffiths.

Paratypes: 2♀♀, Saskatchewan; 1♀, Alberta; 6♀♀, British Columbia.

Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

Anthomyia neoliturata Griffiths, 2001, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2218. CANADA.

Holotype ♂: Holo- type/ 7mi. E. Griffith,Ont. 15.V.1982 B.E. Cooper/ *Anthomyia neoliturata* Grif. det. GCD Griffiths.

Paratypes: 3♂♂, Quebec; 3♂♂, Ontario; 1♂, Manitoba.

Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

Anthomyia nodulosa Griffiths, 2001, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2216. CANADA.

Holotype ♂: Holo- type/ Waterton,ALTA. 8 June, 1962 K.C.Herrmann/ *Anthomyia nodulosa* Grif. det. GCD Griffiths.

Paratypes: 2♂♂, 1♀, Nova Scotia; 5♂♂, 1♀, Manitoba; 4♂♂, 1♀, Saskatchewan; 2♂♂, Alberta; 2♂♂, British Columbia.

Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

Anthomyia ottawana Griffiths, 2001, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2271. CANADA.

Holotype ♂: Holo- type/ Ottawa,Ont. 1-XI-1956 J.R.Vockeroth/ On window Science Serv.Bldg./ *Anthomyia ottawana* Grif. det. GCD Griffiths.

Paratypes: 23♂♂, 14♀♀, Ontario.

Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

Chirosia holoptica Griffiths, 2004, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2552. CANADA.

Holotype ♂: Holo- type/ N.S., CBHnt. Pk. North Mt. bog PG767865 400m. 31.V. 1984 B.E. Cooper/ *Chirosia holoptica* Grif. det. GCD Griffiths.

Paratypes: 2♂♂, Nova Scotia; 1♂, Ontario; 1♂, North Carolina.

- Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Chirosia platyptera* Griffiths, 2004, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2618. CANADA.
Holotype ♂: Holo- type/ N.S., C.B.H.N.P. Black Brook 2-4-VI-1983 Herbs QGO35833/ *Chirosia platyptera* Grif. det. GCD Griffiths.
Paratypes: 6♂♂, New Brunswick; 3♂♂, Nova Scotia; 3♂♂, Ontario; 1♂, Quebec; 1♂, Maryland; 1♂, South Carolina.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Chortophila parcepilosa* Villeneuve, 1908, Wien. ent. Ztg 27: 202. FRANCE.
Syntypes: 2♂♂, 1♀.
♂: Le Vernet (Pyr.Or.) 14.7.04/ tarsi interm ciliés long +/ *Chortophila parcepilosa* type Villen./ SYNTYPE *Chortophila parcepilosa* Vill.
♂: Le Vernet 14.7.04/ SYNTYPE *Chortophila parcepilosa* Vill.
♀: Le Vernet 14.7.04[?]/ SYNTYPE *Chortophila parcepilosa* Vill.
- Coenosopsia mexicana* Michelsen, 1991, Syst. Ent. 16: 102. MEXICO.
Holotype ♂: MEX. Chiapas, San Cristobal 7000' 26 May 1969 H.J. Teskey/ *Coenosopsia* ♂ mexicana Michelsen HOLOTYPE det. V. Michelsen 1989
Paratypes: 2♂♂, 1♀, Mexico.
- Coenosopsia peruviana* Michelsen, 1991, Syst. Ent. 16: 101. PERU.
Holotype ♂: Quincemil Cuzco, PERU 1-15.XI.1962 L.Pena. 700m/ *Coenosopsia* ♂ peruviana Michelsen HOLOTYPE det. V. Michelsen 1989.
Paratype: 1♀, Peru.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Egle acicularis* Griffiths, 2003, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2340. CANADA.
Holotype ♂: Holo- type/ Shawinigan Falls/ Que. 30.IV.1951 E. G. Munroe/ On *Salix* flowers/ *Egle acicularis* Grif. det.GCD Griffiths.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Egle arctophila* Griffiths, 2003, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2372. CANADA.
Holotype ♀: Holo- type/ Victoria Is.,N.W.T. 71°17'N, 114°W 8-10.VII.1975 G. & M. Wood/ *Egle arctophila* Grif. det.GCD Griffiths.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Egle falcata* Ackland & Griffiths in Griffiths, 2003, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2338. CANADA.
Holotype ♂: Holo- type/ 34 mi.W.Dawson Y.T. Swede Dome3900'6.VI.1962 R.E.Leech/ *Egle falcata* Ackl. & Grif. det. GCD Griffiths.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Egle polychaeta* Griffiths, 2003, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2331. CANADA.
Holotype ♂: Holo- type/ Baker Lake,N.W.T. 17.VII.1947 T.N.Freeman/ *Egle polychaeta* Grif. det.GCD Griffiths.
Paratypes: 2♂♂, New Brunswick; 46♂♂, Quebec; 9♂♂, Ontario; 2♂♂, Manitoba; 2♂♂, Saskatchewan; 4♂♂, Yukon Territory; 1♂, Northwest Territories.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Egle protuberans* Griffiths, 2003, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2307. CANADA.
Holotype ♂: Holo- type/ Yellowknife,N.W.T. 20-V-1953 J. G. Chillcott/ *Egle protuberans* Grif. det.GCD Griffiths.
Paratypes: 3♂♂, 3♀♀, New Brunswick; 5♂♂, 14♀♀, Quebec; 1♂, 3♀♀, Labrador; 1♂, Ontario; 2♂♂, British Columbia; 2♂♂, Yukon Territory; 10♂♂, 1, Northwest Territories.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Egle pseudosteini* Griffiths, 2003, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2334. CANADA.
Holotype ♂: Holo- type/ N Sask. River at Clover Bar Bridge, Edmonton, Alberta/ ex catkins of *Salix lutea* coll. GCD Griffiths/ coll. 11.vi.1999 em. 1.iv.2000/ *Egle pseudosteini* Grif. det.GCD Griffiths.
Paratypes: 57♂♂, Quebec; 9♂♂, Ontario; 7♂♂, Manitoba; 2♂♂, Saskatchewan; 3♂♂, Yukon Territory; 8♂♂, Northwest Territories; 1♂, Alaska.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen. Holotype puparium is glued to double mount.
- Hydrophoria hucketti* Griffiths, 1998, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 1897. CANADA.
Holotype ♂: Holo- type/ Val Marie,Sask. 49°15' 107°44' 5-VI.1955 J.R. Vockeroth/ *Hydrophoria hucketti* Grif. det. GCD Griffiths
Paratypes: 2♀♀, Alberta; 1♂, Wyoming; 1♀, Colorado.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Lasiomma atlanticum* Griffiths, 2003, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2398. CANADA.
Holotype ♂: Holo- type/ Kouchibouguac N.P. N.B. 16.VI.1978 D.B. Lyons Code-7067U/ *Lasiomma atlanticum* Grif. det. GCD Griffiths.
Paratypes: 1♂, Nova Scotia; 2♀♀, New Brunswick.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Lasiomma brevirostre* Griffiths, 2003, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2404. MEXICO.
Holotype ♂: Holo- type/ 10 mi.W.El Salto, Dgo.MEX., 9000' June 8 1964 J.F.McAlpine/ *Lasiomma brevirostre* Grif. det. GCD Griffiths.
Paratype: 1♀, Mexico.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

- Lasiomma propleurale* Griffiths, 2003, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2470. CANADA.
 Holotype ♂: Holo- type/ Summit Lake, B.C. Mi392 Alaska Hwy 16. VI. 1959 4700' R.E. Leech/ *Lasiomma propleurale* Grif. det. GCD Griffiths.
 Paratype: 1 ♀, Manitoba; 1 ♀ (slide), Alberta.
 Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Lasiomma tenuirostre* Griffiths, 2003, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2401. CANADA.
 Holotype ♂: Holo- type/ Pr. Albert, Sask. 3. VII -1954 W. J. Turnock/ Emerg. cage Larix bog/ B-13 174/ *Acrostilpna* n.sp. Det. J.F. McAlpine 1955/ *Lasiomma tenuirostre* Grif. det. GCD Griffiths.
 Paratypes: 4 ♀ ♀, New Brunswick; 4 ♂ ♂, 4 ♀ ♀, Quebec; 4 ♂ ♂, 2 ♀ ♀, Ontario; 1 ♂, Saskatchewan; 1 ♀, British Columbia.
 Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Leucophora miltoparia* Griffiths, 1995, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 1662. CANADA.
 Holotype ♂: Holo- type/ Cascade Trail Banff, ALTA. 5000 July. 10. 1968 H.J. Teskey/ *Leucophora miltoparia* Grif. det. GCD Griffiths.
 Paratypes: 1 ♂, Colorado.
 Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Oxyphorbia dyscrita* Griffiths, 1995, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 1796. CANADA.
 Holotype ♂: Holo- type/ Mt. Lolo Kamloops, B.C. 31-V-1938 G.S. Walley/ *Oxyphorbia dyscrita* Grif. det. GCD Griffiths.
 Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Paregle popocatepetlensis* Griffiths, 2001, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2139. MEXICO.
 Holotype ♂: Holo- type/ Popocatepetl N. Slope, 13000' Mex. Mex. 11 - VIII-1954 J. G. Chillcott/ *Paregle popocatepetlensis* Grif. det. GCD Griffiths.
 Paratypes: 6 ♂ ♂, 18 ♀ ♀, Mexico.
 Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Phorbia digitata* Griffiths, 1995, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 1860. CANADA.
 Holotype ♂: Holo- type/ Parkside Sask. 21.V.1961 J.R. Vockeroth/ *Phorbia digitata* Grif. det. GCD Griffiths.
 Paratypes: 2 ♀ ♀, Saskatchewan.
 Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Phorbia hirtella* Griffiths, 1995, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 1814. MEXICO.
 Holotype ♂: Holo- type/ 24 mi. W. La Ciudad, Dgo. MEX. 7000' June 25 1964 J.F. McAlpine/ *Phorbia hirtella* Grif. det. GCD Griffiths.
 Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Phorbia minuscula* Griffiths, 1995, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 1863. CANADA.
 Holotype ♂: Holo- type/ Ninette, Manitoba 20.V-1958 J. F. McAlpine/ *Phorbia minuscula* Grif. det. GCD Griffiths.
 Paratypes: 1 ♂, 2 ♀ ♀, Quebec; 3 ♂ ♂, Ontario; 8 ♂ ♂, 10 ♀ ♀, Manitoba.
 Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Phorbia pityina* Griffiths, 1995, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 1817. MEXICO.
 Holotype ♂: Holotype male: Holo- type/ 10 mi. W. El Salto, Dgo. MEX., 9000' July 1. 1964 J.F. McAlpine/ *Phorbia pityina* Grif. det. GCD Griffiths.
 Paratype: 3 ♂ ♂, 1 ♀, Mexico.
 Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Phorbia striata* Griffiths, 1995, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 1843. CANADA.
 Holotype ♂: Holo- type/ Cartwright Lab 29-VI-1955 E. F. Cashman/ *Phorbia genitalis* (Schnabl) det. H.C. Hockett/ *Phorbia striata* Grif. det. GCD Griffiths.
 Paratypes: 8 ♂ ♂, 19 ♀ ♀, Newfoundland; 1 ♂, 3 ♀ ♀, Ontario; 1 ♀, Saskatchewan; 1 ♂, 7 ♀ ♀, Northwest Territories; 2 ♂ ♂, 6 ♀ ♀, Yukon Territory; 3 ♀ ♀, British Columbia.
 Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Phorbia trinitatis* Griffiths, 1995, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 1848. CANADA.
 Holotype ♂: Holo- type/ Trinity Valley B.C. 21.V. 59 L.A. Kelton/ *Phorbia trinitatis* Grif. det. GCD Griffiths.
 Paratypes: 6 ♂ ♂, 1 ♀, British Columbia.
 Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Strobilomyia columbiana* Griffiths, 2004, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2499. CANADA.
 Holotype ♂: Holo- type/ 5800' Eva Lk. trail 9-VII-1952 G. P. Holland/ Mt. Revelstoke Nat'l. Pk. B.C./ *Strobilomyia columbiana* Grif. det. GCD Griffiths.
 Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Strobilomyia flexiliventris* Griffiths, 2004, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2535. CANADA.
 Holotype ♀: Holo- type/ Grand Forks, B.C. 23.V. 1950 H. R. MacCarthy/ Seed onion/ *Strobilomyia flexili-ventris* Griffiths det. GCD Griffiths
 Paratype: 1 ♀, British Columbia.
 Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

Strobilomyia intermontana Griffiths, 2004, Flies of the Nearctic Region. Schweizerbart, Stuttgart. 8: 2512. CANADA.
 Holotype ♂: Holo- type/ Robson, B.C. 15-IV-1950 H. R. Foxlee/ *Strobilomyia intermontana* Grif. det. GCDGriffiths.
 Paratypes: 1♂, 3♀, British Columbia.
 Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

ANTHOMYZIDAE

Stiphrosoma helvum Roháček & Barber, 2005, Beitr. Ent. 55(1): 64. CANADA.
 Holotype ♂: High Prairie, Alta. 17.7. 1961 A.R. Brooks/ HOLOTYPUS *Stiphrosoma helvum* sp.n. J. Roháček & K. N. Barber det 2004.
 Paratype: 1♂, Alberta.
 Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

Stiphrosoma minor Roháček & Barber, Beitr. Ent. 55(1): 76. USA.
 Holotype ♂: Ramsey Cn. -ARIZ Huachuca Mts. 10.IV.67 5500' D.M. Wood/ HOLOTYPUS ♂ *Stiphrosoma minor* sp.n. J. Roháček & K. N. Barber det. 2004.
 Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

Stiphrosoma sororium Roháček & Barber, Beitr. Ent. 55(1): 84. MEXICO.
 Holotype ♂: MEX. Chris. 7200ft. S. Crist. las Casas 1. June 1969 Malaise Trap/ HOLOTYPUS ♂ *Stiphrosoma sororium* sp.n. J. Roháček & K. N. Barber det. 2004.
 Paratypes: 3♂♂, 6♀♀, Mexico.

ASILIDAE

Ommatius ampliatus Scarbrough, 2002, Trans. Am. ent. Soc. 128: 140. COLOMBIA.
 Holotype ♂: 20 km.w. Silvia Cauca, COLOMBIA 22.II.1970ca. 2000m. D.M.Wood/ HOLOTYPUS *Ommatius Ampliatus* Scarbrough.

Ommatius aridus Scarbrough, 2002, Trans. Am. ent. Soc. 128: 201. ECUADOR.
 Holotype ♂: ECU:Galapagos Floreana, 3KmEBlack Beach, 120m. 21-28.III.89 up. arid zone malaise Peck&Sinclair, 89-140/ HOLOTYPUS *Ommatius aridus* Scarbrough.
 Allotype ♀: ECU: Galap; Isabela Arenales, Arid zone, yellow pan tps., 2m, 8-14.III.1989 BJ Sinclair/ ALLOTYPUS *Ommatius aridus* Scarbrough.

Ommatius carbonarius Scarbrough & Marascia in Scarbrough et al., 2003, Afr. Ent. 11: 239. TANZANIA.
 Holotype ♂: TANGANYIKA Uluru Mts. 1500-1800 m/ HOLOTYPUS *Ommatius carbonarius* Scarbrough/Marascia.
 Allotype ♀: Same data as holotype except with allotype

label.
 Paratypes: 3♀♀, Tanzania.

Ommatius (Pygommatius) comosus Scarbrough & Marascia, 2003, Zootaxa 228: 28. UGANDA.
 Holotype ♂: Entebbe, UGANDA 10.XI 1971 H. Falke in forest/ HOLOTYPUS *Ommatius comosus* Scarbrough/Marascia.
 Allotype ♀: Same data as holotype except with allotype label.
 Paratypes: 1♂, 10♀♀, Uganda.

Ommatius pernecessarius Scarbrough, 2003, Proc. ent. Soc. Wash. 105: 623. UGANDA.
 Holotype ♂: Budongo Forest nr Lk.Albert UGANDA 1000 M Apr 1972 E. B. Babyetagara/ HOLOTYPUS *Ommatius pernecessarius* Scarbrough.
 Paratype: 1♀, Zambia.

Ommatius sinuatus Scarbrough & Marascia in Scarbrough et al., 2003, Afr. Ent. 11: 256. TANZANIA.
 Holotype ♂: TANGANYIKA E. Usambara Mts. 1150 m, IV, 1962/ HOLOTYPUS *Ommatius sinuatus* Scarbrough/Marascia.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Ommatius tandapiensis Scarbrough, 2002, Trans. Am. ent. Soc. 128: 184. ECUADOR.
 Holotype ♂: Tandapi, 40km. SW. Quito, 1300-1500m. ECUADOR 15-21.VI.65, Pena/ HOLOTYPUS *Ommatius tandapiensis* Scarbrough.
 Allotype ♀: Same data as holotype except with allotype label.
 Paratypes: 2♂♂, 2♀♀, Ecuador.
 Remarks: This species was misspelled as *O. tanpadiensis* several times in the original publication.

ASTEIIDAE

Astiosoma sabulosum Forrest & Wheeler, 2002, Studia dipterol. 9: 308. ECUADOR.
 Holotype ♂: ECU: Galap: Santa Fe 4.iv.1989, B.J.Sinclair Sweeping Sea lion beach/ HOLOTYPUS *Astiosoma sabulosum* Forrest and Wheeler.
 Paratypes: 5♂♂, 6♀♀, Ecuador.

Loewimyia fasciata Forrest & Wheeler, 2002, Studia dipterol. 9: 310. ECUADOR.
 Holotype ♂: ECU:Galap;St.Cruz LosGemelos, 31KmN.Sta.Rosa 13.VI-15.VII.85, S&J Peck Scalesia Forest, 570 m FIT and malaise/ HOLOTYPUS *Loewimyia fasciata* Forrest and Wheeler.
 Paratypes: 46♂♂, 53♀♀, Ecuador.

Loewimyia helenae Forrest & Wheeler, 2002, Studia dipterol. 9: 311. ECUADOR.
 Holotype ♂: ECU: GALAPAGOS: Isla Rabida, beach at NE side, 0m, 10.vi.1991 J.M. Heraty/ HOLOTYPUS *Loewimyia helenae* Forrest and

- Wheeler.
Paratypes: 6♂♂, 6♀♀, Ecuador.
- Sigaloessa variatincta* Forrest & Wheeler, 2002, *Studia dipterol.* 9: 313. ECUADOR.
Holotype ♂: ECU: GALAPAGOS: Isla Isabela, Pto Villamil 6.III.1989, littoral B.J. Sinclair/ ex. sweeping beach morning glories/ HOLOTYPE
Sigaloessa variatincta Forrest and Wheeler.
Paratypes: 10♂♂, 18♀♀, Ecuador.
- ATELESTIDAE**
- Nemedromia campania* Grimaldi & Cumming, 1999, *Bull. Am. Mus. nat. Hist.* 239: 37. CANADA.
Holotype ♂ in amber: AMBER: CANADA (Cretaceous) ALBERTA: Nr. Medicine Hat McAlpine, Cooper, Daze colls CAS 1091 June 1974/ DIPTERA: Empididae/ HOLOTYPE
Nemedromia campania Grimaldi & Cumming *Bull. AMNH.* 239: 37-39.
Remarks: Grimaldi & Cumming (1999) incorrectly cited the type locality as Cedar Lake, Manitoba.
- Nemedromia telescopica* Grimaldi & Cumming, 1999, *Bull. Am. Mus. nat. Hist.* 239: 39. CANADA.
Holotype ♀ in amber: AMBER: CANADA (Cretaceous) ALBERTA: Nr. Medicine Hat McAlpine, Cooper, Daze colls. CAS 920 June 1974/ DIPTERA: Empididae/ HOLOTYPE
Nemedromia telescopica Grimaldi & Cumming *Bull. AMNH.* 239: 39-40.
Remarks: The type locality was not given in Grimaldi & Cumming (1999).
- BIBIONIDAE**
- Biblio atrigigas* Fitzgerald, 1997, *Trans. Am. ent. Soc.* 123: 239. MEXICO.
Holotype male: MEXICO, Chiapas Yerba Buena, Hwy 195, 10.VI.1969 B.V. Peterson/ HOLOTYPE
Biblio atrigigas Fitzgerald 1997.
Paratypes: 9♂♂, 1♀, Mexico.
- Biblio oreonanus* Fitzgerald, 1997, *Trans. Am. ent. Soc.* 123: 253. MEXICO.
Holotype ♂: 24 mi. W. La Ciudad, Dgo. MEX. 7000' July 8 1964 J.F. McAlpine/ HOLOTYPE
Biblio oreonanus Fitzgerald 1997.
Paratypes: 9♂♂, Mexico.
- Plecia boliviana* Fitzgerald, 1998, *Trans. Am. ent. Soc.* 124: 142. BOLIVIA.
Holotype ♂: BOLIV. Sta. Barbara N. Coroico, Yungas 4-5.I.1976 1100m., L.E. Pena/ HOLOTYPE
Plecia boliviana Fitzgerald 1998.
Paratypes: 3♂♂, 1♀, Bolivia.
- Plecia pellucida* Fitzgerald, 1998, *Trans. Am. ent. Soc.* 124: 152. PERU.
Holotype ♂: Quincemil Cuzco, PERU 13-31.VIII.'62 L.
- Pena. 780m./ HOLOTYPE *Plecia pellucida* Fitzgerald 1998.
Paratypes: 4♀♀, Peru.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Plecia protea* Fitzgerald, 1998, *Trans. Am. ent. Soc.* 124: 154. JAMAICA.
Holotype ♂: JAMAICA, 4000' Hardwar Gap VII.4.1966 Howden & Becker/ HOLOTYPE
Plecia protea Fitzgerald, 1998.
Paratype: 1♂, Jamaica.
Remarks: The original description of the holotype gives the elevation as 400' and a date of collection of "4 August 1966".
- Plecia ramosa* Fitzgerald, 1998, *Trans. Am. ent. Soc.* 124: 157. BRAZIL.
Holotype ♂: Jacutinga, BRAZIL 27-06' 51-36' Mar. 1962 550m Fritz Plauman [sic]/ HOLOTYPE
Plecia ramosa Fitzgerald 1998.
Paratypes: 13♂♂, 13♀♀, Brazil.
- Plecia tephra* Fitzgerald, 1998, *Trans. Am. ent. Soc.* 124: 160. VENEZUELA.
Holotype ♂: Choroní Rd., Edo. Aragua, VENEZUELA 26.II.71 1500m. G. & M. Wood/ HOLOTYPE
Plecia tephra Fitzgerald 1998.
Paratypes: 2♀♀, Venezuela.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Plecia triquetra* Fitzgerald, 1998, *Trans. Am. ent. Soc.* 124: 162. PERU.
Holotype ♂: Quincemil Cuzco, PERU 13-31.VIII.'62 L. Pena. 780m./ HOLOTYPE
Plecia triquetra Fitzgerald 1998.
Paratypes: 3♂♂, Peru.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Plecia trunca* Fitzgerald, 1998, *Trans. Am. ent. Soc.* 124: 163. BRAZIL.
Holotype male: BRAZIL Sao Paulo, S.P. 27.XII.1972 B.V. Peterson/ HOLOTYPE
Plecia trunca Fitzgerald 1998.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Plecia xyle* Fitzgerald, 1998, *Trans. Am. ent. Soc.* 124: 164. BRAZIL.
Holotype ♂: Chapada, Parana BRAZIL, 1350 m. 26-34' 51-37' III.63 F. Plaumann/ HOLOTYPE
Plecia xyle Fitzgerald 1998.
Paratypes: 19♂♂, Brazil.
- BOMBYLIIDAE**
- Euprepina truxalia* Hull, 1971, *Proc. ent. Soc. Wash.* 73: 183. BRAZIL.
Holotype ♂: 24 kil. E. of Formosa, Go., Brazil. F.S. Truxal, May 28, 1956.
Remarks: Although the original description cites the

type as being in the Los Angeles County Museum, it was purchased by the Canadian National Collection as part of the Hull collection, where it is now deposited. Presence of holotype in the CNC was overlooked by Cooper & Cumming (1993).

CALLIPHORIDAE

Catapicephala dasyophthalma Villeneuve, 1927, Rev. Zool. Afr. 15: 222. FORMOSA.

Holotype ♀: Formosa Sauter/ Kosempo 908.III.21/ Oculi pilosi/ *Catapicephala dasyophthalma* Typ. Villen. ♀/ Holotype *C. dasyophthalma* Villeneuve Det. H. Kurahashi.

CAMILLIDAE

Afrocamilla arizona Barraclough & Wheeler, 1995, Proc. ent. Soc. Wash. 97: 739. USA.

Holotype ♂: Ramsey Canyon Huachuca Mts 13 m.s. Sierra Vista Cochise Co. ARIZ Mar. 7- 11.1967 R.F. Sternitski/ Holotype ♂ AFROCAMILLA ARIZONA Barraclough & Wheeler/ HOLOTYPE *Afrocamilla arizona* Barraclough & Wheeler CNC No. 22274.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Afrocamilla bispinosa Barraclough & Wheeler, 1995, Proc. ent. Soc. Wash. 97: 741. USA.

Holotype ♀: San Dimas Can. Los Angeles Co. II - 2 -1958 Reared III-10-58/ Collector R.E. Ryckman/ Holotype ♀ AFROCAMILLA BISPINOSA Barraclough & Wheeler/ HOLOTYPE *Afrocamilla bispinosa* Barraclough & Wheeler CNC No. 22275.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

CARNIDAE

Meoneura sinclairi Wheeler, 2000b, Studia dipterol. 7: 116. ECUADOR.

Holotype ♂: ECU: Galap; San Cristobal Pto. Baquerizo, South beach 21.II.1989, marine iguana nesting sites, littoral BJ Sinclair/ HOLOTYPE *Meoneura sinclairi* Wheeler.

Paratypes: 100♂♂, 96♀♀, Ecuador.

CECIDOMYIIDAE

Chamaediplosis nootkatensis Gagne & Duncan, 1990, Proc. ent. Soc. Wash. 92: 151. CANADA.

Holotype ♂ (slide): *Chamaecypris nootkatensis* Saanichton, B.C. 3.III.87 R. Duncan Can. Balsam [red bordered label]/ ♂ Holotype *Chamaediplosis*

nootkatensis Gagne & Duncan C.N.C. # 21180 [red bordered label].

Paratypes: 1♂, 2♀♀ (slides), British Columbia.

Cretocatocha mcalpinei Gagné, 1977, Proc. ent. Soc. Wash. 79: 58. CANADA.

Holotype ♂ in amber: nr. Medicine Hat, Alta., McAlpine and Teskey, May 1973/ Can. Nat. Coll. Type No. CAS 593, *Cretocatocha mcalpinei* Gagné Holotype Slide No.

Remarks: This species was listed in an addendum in Cooper & Cumming (1993: 82).

Cretomiaster ferejunctus Gagné, 1977, Proc. ent. Soc. Wash. 79: 62. CANADA.

Holotype ♀ in amber: nr. Medicine Hat, Alta., McAlpine, Cooper, Daze/ Can. Nat. Coll. Type No. CAS 1163c, *Cretomiaster ferejunctus* Gagné, HOLOTYPE, Slide No.

Paratype in amber: 1♂, Alberta.

Remarks: This species was listed in an addendum in Cooper & Cumming (1993: 82).

Cretowinnertzia angustala Gagné, 1977, Proc. ent. Soc. Wash. 79: 60. CANADA.

Holotype ♀ in amber: Cedar Lake, Man., July 1950, Bird and Brown/ Can. Nat. Coll. Type No. CAS 25, *Cretowinnertzia angustala* Gagné, HOLOTYPE Slide No.

Remarks: This species was listed in an addendum in Cooper & Cumming (1993: 82).

Dicerura adunca Borkent, 1990, Proc. ent. Soc. Wash. 92: 574. CANADA.

Holotype ♂ (slide): Ancaster Spring Valley Cons. Area, Wentworth Co., ONT. 6-7.VI.1984 I.M.Smith CD207/ HOLOTYPE♂ *Dicerura adunca* Borkent CNC No. 20343.

Paratype: 1♂ (slide), Ontario.

Dicerura carpiensis Borkent, 1990, Proc. ent. Soc. Wash. 92: 575. CANADA.

Holotype ♂ (slide): 3km E.Carp,ONT. 19-V-3-VI-1983 A.Borkent CD42 Malaise trap/ HOLOTYPE♂ *Dicerura carpiensis* Borkent CNC No. 20344.

Paratypes: 2♂♂ (slides), Ontario; 1♂ (slide), Yukon Territory.

Dicerura cooperi Borkent, 1990, Proc. ent. Soc. Wash. 92: 576. CANADA.

Holotype ♂ (slide): 3km N.Picadilly, Nfld. 25-VI-83 A.Borkent CD71 Sweeping grass/ HOLOTYPE♂ *Dicerura cooperi* Borkent CNC No. 20345.

Dicerura curva Borkent, 1990, Proc. ent. Soc. Wash. 92: 576. CANADA.

Holotype ♂ (slide): Springwater Cons.area nr. Alymer,ONT. 27-VI-11-VII-1984 K. Ferguson CD253/ HOLOTYPE♂ *Dicerura curva* Borkent CNC No. 20346.

Paratypes: 1♂ (slide), Nova Scotia; 1♂ (slide), Ontario.

Dicerura loba Borkent, 1990, Proc. ent. Soc. Wash. 92: 580. CANADA.

Holotype ♂ (slide): 3 km.E. Carp, ONT.

- 21-V-11-VI.1984 A.Borkent CD251/ Holotype ♂
Dicerura loba Borkent CNC No. 20347.
Paratype: 1 ♂ (slide), Ontario.
- Insulestremia sinclairi* Jaschhof, 2004, Faun. Abh. Dresden 25: 103. ECUADOR.
Holotype ♂ (slide): ECUADOR: Galapagos Islands, San Cristobal, 3 km E Baquerizo, 100 m. 12-23 Feb. 1989, Malaise trap, Peck & Sinclair. 89-50/ Holo-type/ det. M. JASCHHOF *Insulestremia sinclairi* JASCHHOF.
Paratypes: 4 ♂♂, 1 ♀ (slides), Ecuador, Galapagos Islands.
- Peromyia galapagensis* Jaschhof, 2004, Faun. Abh. Dresden 25: 104. ECUADOR.
Holotype ♂ (slide): ECUADOR: Galapagos Islands, St. Cruz, Los Gemelos, 31 km N Sta. Rosa, Scalesia forest, 570m, 1-13 July 1985, FIT and Malaise, S. & J. Peck./ Holo-type/ det. M. JASCHHOF *Peromyia galapagensis* JASCHHOF.
Paratypes: 2 ♂♂ (slides), Ecuador, Galapagos Islands.
- Phytophaga thujae* Hedlin, 1959, Can. Ent. 91: 719. CANADA.
Holotype ♂: Langford, B.C. 23-I-1958 reared A.F. Hedlin.
Paratypes: 5 ♂♂, 6 ♀♀ (pinned), 2 ♂♂, 3 ♀♀ (slides), 6 larvae (in alcohol), British Columbia.
Remarks: There is not a holotype labeled in the CNC, but we assume it is present as part of the originally unlabelled type series. Presence of type series in the CNC was overlooked by Cooper (1991).
- CERATOPOGONIDAE**
- Adelohelea glabra* Borkent, 1995, Biting Midges in the Cretaceous Amber of North America: 46. CANADA.
Holotype ♂ in amber (slide): HOLOTYPE *Adelohelea glabra* Borkent ♂ CNC # 22062 Cedar Lake, Manitoba August, 1963 J.F. McAlpine & CAS 530 J.E.H.Martin.
Allotype ♀ in amber (slide): ALLOTYPE *Adelohelea glabra* Borkent ♀ CNC # 22062 nr. Medicine Hat, Alta. June, 1974 Ao-1 McAlpine, Cooper, Daze CAS 1089.
- Atrichopogon borkenti* Wirth, 1994, Insecta Mundi 8: 25. CANADA.
Holotype ♀ (slide): 20 km. E. Pemberton, B.C. 14-VIII-1991 A. Borkent CD1374/ Holotype ♀ *Atrichopogon borkenti* Wirth.
Allotype ♂ (slide): Same data as holotype except with allotype label.
- Atrichopogon carnatus* Borkent & Picado, 2004, Zootaxa 637: 13. COSTA RICA.
Holotype ♂ (slide): COSTA RICA. Prov. Puntarenas. 2km E. Sta. Elena. 1540m. 26 AGO 1993. Borkent. A. LN 257050 447000 # 74985/ HOLOTYPE *Atrichopogon carnatus* Borkent and Picado/ INB0003754658 INBIOCRI COSTA RICA/ H *Atrichopogon* sp. B6 ♂ INBio CD. 1557 6.
Paratypes: 11 ♂♂ (slides), Costa Rica.
- Atrichopogon colossus* Borkent & Picado, 2004, Zootaxa 637: 10. COSTA RICA.
Holotype ♂ (slide): COSTA RICA. Prov. Puntarenas. 2km E. Sta Elena. 1540m. 26 AGO 1993. Borkent. A. LN 257050 447000 #74985/ HOLOTYPE *Atrichopogon colossus* Borkent and Picado/ INB0003754666 INBIOCRI COSTA RICA/ H *Atrichopogon* sp. AD ♂ INBio CD. 1556 2.
Allotype ♀ (slide): COSTA RICA. Prov. Puntarenas. 2km E Sta. Elena. 1540m. 26 AGO 1993. Borkent. A. LN 257050 447000 # 74985/ ALLOTYPE *Atrichopogon colossus* Borkent and Picado/ INB0003754671 INBIOCRI COSTA RICA/ A *Atrichopogon* sp. AD ♀ INBio CD. 1556 4.
Paratypes: 6 ♂♂ (slides), Costa Rica.
- Atrichopogon granditibialis* Borkent & Picado, 2004, Zootaxa 637: 20. COSTA RICA.
Holotype ♂ (slide): COSTA RICA. Prov. Cartago. P.N. Tapanti. 8 Km SE Orosi. 22 DEC 1993. Borkent. A. L N 192600 560500 # 74977/ HOLOTYPE *Atrichopogon granditibialis* Borkent and Picado/ INB0003754583 INBIOCRI COSTA RICA/ H *Atrichopogon* sp. O ♂ INBio CD. 1718 5.
Allotype ♀ (slide): Same data as holotype except allotype label and "INB0003754585"; "A *Atrichopogon* sp. O ♀ INBio CD. 1718 1".
Paratypes: 11 ♂♂ (slides), Costa Rica.
- Atrichopogon setosilateralis* Borkent & Picado, 2004, Zootaxa 637: 33. COSTA RICA.
Holotype ♂ (slide): COSTA RICA. Prov. Cartago. P.N. Tapanti. 8 Km SE Orosi. 1400m. 12 DEC 1999. Borkent, A., A. Picado. L.N. 192600 560500 # 74970/ HOLOTYPE *Atrichopogon setosilateralis* Borkent and Picado/ INB0003754480 INBIOCRI COSTA RICA/ H *Atrichopogon* sp. BW ♂ (Lophomyidae) CD.5037 3.
Paratype: 1 ♂ (slide), Costa Rica.
- Atrichopogon spinosus* Borkent & Picado, 2004, Zootaxa 637: 12. COSTA RICA.
Holotype ♂ (slide): La Selva Biological Station, Costa Rica, 40 m, 1-2-III-2004, A. Borkent, CD5408/ HOLOTYPE *Atrichopogon spinosus* Borkent and Picado/ A ♂ 2 INBio CD. 5408.
- Atrichopogon tapantiensis* Borkent & Picado, 2004, Zootaxa 637: 34. COSTA RICA.
Holotype ♂ (slide): Costa Rica. Prov. Cartago. P.N. Tapanti. 8 Km SE Orosi. 22 DEC 1993. Borkent. A. L. N. 192600 560500 # 74977/ HOLOTYPE *Atrichopogon tapantiensis* Borkent and Picado/ INB0003754586 INBIOCRI COSTA RICA/ H *Atrichopogon* sp BX ♂ INBio CD. 1718 3
Paratypes: 3 ♂♂ (slides), Costa Rica.
- Atrichopogon yolancae* Borkent & Picado, 2004, Zootaxa 637: 24. COSTA RICA.

- Holotype ♂ (slide): 3kmE. Cahuita, C.R. 29-X-1993 A. Borkent CD1641/ HOLOTYPE *Atrichopogon yolancae* Borkent and Picado/ ♂ INBio CD.1641 3.
Paratypes: 19♂♂ (slides), Costa Rica.
- Baeodasymyia christopheri* Borkent in Borkent & Craig, 1999, Am. Mus. Novit. 3274: 15. COSTA RICA.
Holotype ♂ (slide): HOLOTYPE *Baeodasymyia christopheri* Borkent/ Atenas, C.R., 4-X-1993, A. Borkent CD1600/ ♂ CD1600 4.
Allotype ♀ (slide): ALLOTYPE *Baeodasymyia christopheri* Borkent/ Atenas, C.R. 8-IX-1993 A. Borkent CD1573/ ♀ CD1573 10.
Paratypes: 16♂♂, 17♀♀, 1 pupal exuviae, 1 pupa, 1 larval exuviae, 7♂♂, 6♀♀, (slides), 2 pupae, 1 larvae, (slides), Costa Rica.
- Baeodasymyia lydiae* Borkent in Borkent & Craig, 1999, Am. Mus. Novit. 3274: 19. COSTA RICA.
Holotype ♂ (slide): Atenas, C.R. 7-XII-1993 A. Borkent CD1697/ ♂ CD1697 2/ HOLOTYPE *Baeodasymyia lydiae* Borkent.
Allotype ♀ (slide): Atenas, C.R. 5-X-1993 A. Borkent CD1604/ ♀ CD1604 1/ ALLOTYPE *Baeodasymyia lydiae* Borkent.
Paratypes: 2♂♂ (slides), 1♀ (slide), 1♀ (pinned), Costa Rica.
- Baeodasymyia michaeli* Borkent in Borkent & Craig, 1999, Am. Mus. Novit. 3274: 13. COSTA RICA.
Holotype ♂ (slide): HOLOTYPE *Baeodasymyia michaeli* Borkent/ Atenas, C.R., 25-X-1993, A. Borkent CD1630/ ♂ CD1630 8.
Allotype ♀ (slide): ALLOTYPE *Baeodasymyia michaeli* Borkent/ Atenas, C.R. 16-X-1993 A. Borkent CD1610/ ♀ L,P CD1610 9.
Paratypes: 110♂♂, 120♀♀, 9 pupal exuviae, 1 pupa, 10 larval exuviae, 2 second instars, 8 third instars, 8 fourth instars, 11♂♂, 12♀♀, (slides), 11 larvae, 7 pupae (slides) Costa Rica.
- Ceratopogon abstrusus* Borkent & Grogan, 1995, Mem. ent. Soc. Wash. 15: 40. CANADA.
Holotype ♂ (slide): 6 km. E. Salmon Arm, B.C. 4-16-V-1990 A. Borkent, CD1202/ HOLOTYPE *Ceratopogon abstrusus* Borkent and Grogan CNC# 21288 [red label]/ CD1202 ♂ [white label with black border].
Allotype ♀ (slide): Same data as holotype except with allotype label.
Paratype: 2♂♂ (slides), British Columbia.
- Ceratopogon annettae* Borkent & Grogan, 1995, Mem. ent. Soc. Wash. 15: 87. CANADA.
Holotype ♂ (slide): 20 km. N Squamish, B.C. 30-VII-1990 A. Borkent CD1240/ HOLOTYPE *Ceratopogon annettae* Borkent and Grogan CNC # 21294 [red label]/ CH1240 ♂ [white label with a black border].
Allotype ♀ (slide): Same data as holotype except with allotype label.
Paratypes: 5♂♂, 7♀♀ (slides), British Columbia.
- Ceratopogon ater* Meigen, 1818, Systematische Beschreibung der bekannten europäischen zweiflügeligen Insekten. 1: 84. LATVIA.
Neotype ♂ (slide): LATVIA, Jumurda lake E. Remm, 21.6.67/ NEOTYPE *Ceratopogon ater* Meigen male CNC No. 20130/ *Serromyia atra* Mg. H. Remm/ *Serromyia atra* Det. A. Borkent.
Remarks: Neotype designation of *Serromyia ater* (Meigen) in Borkent & Bissett (1990: 194).
- Ceratopogon elevatus* Borkent & Grogan, 1995, Mem. ent. Soc. Wash. 15: 48. AUSTRIA.
Holotype ♂ (slide): HOLOTYPE *Ceratopogon elevatus* Borkent and Grogan CNC #21290/ Obergurgl TIROL, 3000 m. 12-VIII-1953, J.R. Vockeroth.
Allotype ♀ (slide): Same data as holotype except with allotype label.
Paratypes: 1♂, 2♀♀ (slides), Austria.
- Ceratopogon flavipes* Gimmerthal, 1847, Bull. Soc. Nat. Moscou 20: 144. ENGLAND.
Neotype ♂ (slide): Oxford, ENGLAND 6. V. 1953 J. R. Vockeroth/ NEOTYPE *Ceratopogon flavipes* Gimmerthal male CNC No. 20272/ *Serromyia femorata* Det. A. Borkent.
Remarks: Neotype designation of *Serromyia flavipes* (Gimmerthal) in Borkent & Bissett (1990: 197).
- Ceratopogon foersteri* Meigen, 1838, Systematische Beschreibung der bekannten europäischen zweiflügeligen Insekten. 7: 21. ENGLAND.
Neotype ♂ (slide): Newcastle-u-Lyme Staffs. ENGLAND 3. VI. 1960 J. R. Vockeroth/ NEOTYPE *Ceratopogon foersteri* Meigen ♂ CNC No. 20249/ *Serromyia femorata* Det. A. Borkent.
Remarks: Neotype designation of *Serromyia foersteri* (Meigen) in Borkent & Bissett (1990: 197).
- Ceratopogon inverecondus* Borkent & Grogan, 1995, Mem. ent. Soc. Wash. 15: 46. CANADA.
Holotype ♂ (slide): 20 km. N Squamish, B.C. 30-VII-1990 A. Borkent CD1240/ HOLOTYPE *Ceratopogon inverecondus* Borkent and Grogan CNC# 21289 [red label]/ CD1240 ♂ [white label with a black border].
Allotype ♀ (slide): Same data as holotype except with allotype label.
Paratypes: 6♂♂ (slides), British Columbia.
- Ceratopogon mammulus* Borkent & Grogan, 1995, Mem. ent. Soc. Wash. 15: 65. CANADA.
Holotype ♂ (slide): HOLOTYPE *Ceratopogon mammulus* Borkent and Grogan CNC #21291/ Yukon Territory, km 75-125 Dempster Hwy 19-VI-1984 S.&J. Peck CD245.
Allotype ♀ (slide): Same data as holotype except with allotype label.
Paratypes: 1♀ (slides), Northwest Territories; 12♀♀ (slides) Nunavut; 2♀♀ (slides), Yukon Territory; 1♂, 5♀♀ (slides), Alaska.
- Ceratopogon multisetosus* Borkent & Grogan, 1995, Mem. ent. Soc. Wash. 15: 76. CANADA.
Holotype ♂ (slide): HOLOTYPE *Ceratopogon multisetosus* Borkent and Grogan CNC #21293/ N.S., CBHNT. Pk., French Lk. bog.
- Ceratopogon ater* Meigen, 1818, Systematische Beschreibung der

- Allotype ♀ (slide): ALLOTYPE *Ceratopogon multisetosus* Borkent and Grogan CNC #21293/ Nova Scotia, 30 km NE Cheticamp, North Mountain, 10.vi.1983.
Paratypes: 2 ♀ (slides), Nova Scotia; 6 ♂♂ (slides), British Columbia.
- Ceratopogon pubiantennalis* Borkent & Grogan, 1995, Mem. ent. Soc. Wash. 15: 74. CANADA.
Holotype ♂ (slide): HOLOTYPE *Ceratopogon pubiantennalis* Borkent and Grogan CNC #21292/ Hazen Camp, Ellesmere I., 24.VII.1961, D.R. Oliver J.A.D. 328/2.
Allotype ♀ (slide): Same data as holotype except with allotype label and a date of "11.vii.1962".
Paratypes: 12 ♂♂, 39 ♀♀ (slides), Nunavut; 1 ♂ (slide), Yukon Territory; 1 ♀ (slide), Quebec.
- Culex morio* Fabricius, 1775, Systema entomologiae: 800. ENGLAND.
Neotype ♂ (slide): Oxford, ENGLAND 13. V. 1953 J. R. Vockeroth/ *Serromyia morio* Fabricius Neotype CNC No. 20131/ 57.
Remarks: Neotype designation of *Serromyia morio* (Fabricius) in Borkent & Bissett (1990: 199).
- Culicoides bullus* Borkent, 1995, Biting Midges in the Cretaceous Amber of North America: 61. CANADA.
Holotype ♂ in amber (slide): HOLOTYPE *Culicoides bullus* Borkent ♂ CNC # 22064 nr. Medicine Hat, Alta. 1973 P. Boston CAS 791.
- Culicoides picadoae* Spinelli & Borkent, 2004a, Proc. ent. Soc. Wash. 106: 381. COSTA RICA.
Holotype ♂ (slide): 15 km N. San Isidro, CR, 13-14-III-1999, A. Borkent, Trampa de luz, 2250 m, CD5002/ HOLOTYPE *Culicoides picadoae* Spinelli and Borkent.
- Culicoides zumbadoi* Spinelli & Borkent, 2004a, Proc. ent. Soc. Wash. 106: 383. COSTA RICA.
Holotype ♂ (slide): 2kmNE. Tarcoles, C.R. 20-VI-1993 A. Borkent CD1481/ HOLOTYPE *Culicoides zumbadoi* Spinelli and Borkent/ ♂ INBio CD.1481.
Allotype ♀ (slide): Same data as holotype except with allotype label, and "CD1481-A.PC".
- Culicoides (Avaritia) hermani* Spinelli & Borkent, 2004a, Proc. ent. Soc. Wash. 106: 363. PANAMA.
Holotype ♂ (slide): 8kmW. Boquete, PAN 21-IX-1993 A. Borkent CD1583 CD.1583/ HOLOTYPE *Culicoides hermani* Spinelli and Borkent/ ♂/ H.
Allotype ♀ (slide): 4kmN. Sacramento, C.R. 10-X-1993 A. Borkent CD1609/ ALLOTYPE *Culicoides hermani* Spinelli and Borkent/ ♀ biting human INBio CD.1609/ A.
Paratypes: 2 ♀♀ (slides), Costa Rica.
- Culicoides (Hoffmania) annettae* Spinelli & Borkent, 2004a, Proc. ent. Soc. Wash. 106: 365. COSTA RICA.
Holotype ♂ (slide): Tarcoles, C.R. 1-I-1994 A. Borkent CD1730/ HOLOTYPE *Culicoides annettae* Spinelli and Borkent/ ♂ INBio CD.1730.
Allotype ♀ (slide): Same data as holotype except with allotype label.
- Paratype: 1 ♀ (with pupal exuvia) (slide), Costa Rica.
- Dasyhelea digna* Borkent, 1996, Mem. ent. Soc. Wash. 18: 92. HAWAII.
Holotype ♂ (slide): 2 km.S. Puihi, Kauai, HA, 8-III-1990 A.Borkent, CD1160/ HOLOTYPE *Dasyhelea digna* Borkent/ ♂.
Allotype ♀ (slide): Same data as holotype except with allotype label.
Paratypes: 10 ♀♀ (slides), Hawaii.
- Dasyhelea excellentis* Borkent, 1996, Mem. ent. Soc. Wash. 18: 91. HAWAII.
Holotype ♂ (slide): 1.5 km.W. Hanapepe, Kauai, Hawaii 28-II-1990 A.Borkent CD1156/ HOLOTYPE *Dasyhelea excellentis* Borkent/ ♂.
Allotype ♀ (slide): Same data as holotype except with allotype label.
Paratypes: 7 ♂♂ (slides), 8 ♀♀ (slides), Hawaii.
- Dasyhelea sinclairi* Borkent, 1991, Ent. scand. 22: 110. ECUADOR.
Holotype ♂ (slide): HOLOTYPE *Dasyhelea sinclairi* Borkent, CNC No. 20847/ Galapagos Is., Ecu., Is. Isabella, Pto. Villamil, 7-III-89, B. J. Sinclair.
Allotype ♀ (slide): Same data as holotype except with allotype label.
Paratypes: 2 ♂♂, 4 ♀♀ (slides), Ecuador.
- Forcipomyia (Schizoforcipomyia) harpa* Spinelli & Borkent, 2004b, Zootaxa 572: 3. COSTA RICA.
Holotype ♂ (slide): Costa Rica, 15 km N. San Isidro, 13-14-III-1999, A. Borkent, Trampa de luz, 2250 meters, CD5002/ HOLOTYPE ♂ *Forcipomyia harpa* Spinelli and Borkent/ INBio CD, 5002.
Allotype ♀ (slide): Costa Rica, 15 km N. San Isidro, 11-12-III-1999, A. Borkent, Trampa de luz, 2250 meters, CD5001/ ALLOTYPE *Forcipomyia harpa* Spinelli and Borkent.
Paratypes: 8 ♂♂, 2 ♀♀ (slides), Costa Rica.
- Heleageron arenatus* Borkent, 1995, Biting Midges in the Cretaceous Amber of North America: 48. CANADA.
Holotype ♂ in amber (slide): HOLOTYPE *Heleageron arenatus* Borkent male CNC # 22066 nr. Medicine Hat, Alta. June, 1974 McAlpine, Cooper & Daze CAS 985M-1.
Paratypes in amber: 1 ♂, 2 ♀♀ (slides), Alberta.
- Leptoconops (Leptoconops) primaevus* Borkent, 1995, Biting Midges in the Cretaceous Amber of North America: 30. CANADA.
Holotype ♂ in amber (slide): HOLOTYPE *Leptoconops primaevus* Borkent ♂ CNC # 22067 nr. Medicine Hat, Alta. 1973 P. Boston A-1 CAS 792.
Allotype ♀ in amber (slide): ALLOTYPE *Leptoconops primaevus* Borkent ♀ CNC # 22067 nr. Medicine Hat, Alta. May, 1973 McAlpine : TeskeyAG-6 CAS 733.
Paratypes in amber: 5 ♀♀ (slides), Alberta.
- Minyohelea pumilis* Borkent, 1995, Biting Midges in the Cretaceous Amber of North America: 69.

- CANADA.
 Holotype ♂ in amber (slide): C.N.C. No. CAS 131 CERATOPOGONIDAE (DIPTERA) nr. Medicine Hat, Alta. 1963 P. Boston Det. Phuoc T. Dang CNC # 22068/ HOLOTYPE *Minyohelea pumilis* Borkent (closest to arrows)/ 5 PARATYPES *Minyohelea pumilis* Borkent.
 Allotype ♀ in amber (slide): ALLOTYPE *Minyohelea pumilis* Borkent female CNC # 22069 nr. Medicine Hat, Alta. May, 1973 McAlpine : Teskey CAS 709.
 Paratypes in amber: 5♂♂ (slide), Alberta.
 Remarks: Holotype and paratypes are mounted on the same slide.
- Palaeobrachypogon remmi* Borkent, 1995, Biting Midges in the Cretaceous Amber of North America: 76.
 CANADA.
 Holotype ♂ in amber (slide): HOLOTYPE *Palaeobrachypogon remmi* Borkent ♂ CNC # 22069 nr. Medicine Hat, Alta. June, 1974 N-1 Daze, Cooper, McAlpine CAS 947b- 1 ass.♂.
- Palaeobrachypogon vetus* Borkent, 1995, Biting Midges in the Cretaceous Amber of North America: 78.
 CANADA.
 Holotype ♂ in amber (slide): HOLOTYPE *Palaeobrachypogon vetus* Borkent ♂ CNC # 22070+mite ? & homoptera ? nr. Medicine Hat, Alta. June, 1974 McAlpine, Cooper & Daze CAS 1198.
 Allotype ♀ in amber (slide): ALLOTYPE *Palaeobrachypogon vetus* Borkent ♀ CNC # 22070 nr. Medicine Hat, Alta. May, 1973 AJ-1 McAlpine & Teskey CAS 692.
 Paratype in amber: 1♀ (slide), Alberta.
- Peronehelea chrimikalydia* Borkent, 1995, Biting Midges in the Cretaceous Amber of North America: 82.
 CANADA.
 Holotype ♂ in amber (slide): HOLOTYPE *Peronehelea chrimikalydia* Borkent CNC # 22071 nr. Medicine Hat, Alta. May, 1973 McAlpine & Teskey J-4 CAS 882.
 Allotype ♀ in amber (slide): ALLOTYPE *Peronehelea chrimikalydia* Borkent ♀ CNC # 22071 nr. Medicine Hat, Alta. July 8-11, 1971 J.F. McAlpine A-1 J- ♂ (3) CAS 339b ass.♂.
 Paratypes in amber: 2♂♂, 1♀ (slides), Alberta; 1♀ (slide), Manitoba.
- Serromyia borealis* Borkent in Borkent & Bissett, 1990, Syst. Ent. 15: 186. CANADA.
 Holotype ♂ (slide): 3.2 km.N.Nordegg, Alta., 28-VI-1985 A.Borkent CD379/ HOLOTYPE *Serromyia borealis* Borkent CNC No. 20128.
 Allotype ♀ (slide): Same data as holotype except with allotype label.
 Paratypes: 1♀ (slide), Manitoba; 2♂♂, 1♀ (slides), Alberta.
- Serromyia gelida* Kieffer, 1925, Archs Inst. Pasteur Algér. 429. LATVIA.
 Neotype ♂ (slide): LATVIA Sivera lake E.Remm 17.6.67/ *Serromyia* ♂ *dipetala* R. det. H. Remm/ CNC No. 20250 *Serromyia gelida* Kieffer NEOTYPE/ *Serromyia rufitarsus* Det. A. Borkent/ 7.
 Remarks: Neotype designation of *Serromyia gelida* (Kieffer) in Borkent & Bissett (1990: 202).
- Serromyia inermipes* Kieffer, 1919, Annl. Musei Natn. Hungarici 17: 73. ENGLAND.
 Neotype ♂ (slide): Brockenhurst Hants, ENGLAND 3.V. 1951 J.R.Vockeroth/ NEOTYPE *Serromyia inermipes* Kieffer ♂ CNC No. 20273/ *Serromyia femorata* Det. A. Borkent.
 Remarks: Neotype designation of *Serromyia inermipes* (Kieffer) in Borkent & Bissett (1990: 197).
- Serromyia ledicola* Kieffer, 1925, Beitr. Kunde Estlands 10: 156. ESTONIA.
 Neotype ♂ (slide): ESTONIA Hiiumaa H.Remm 8.8.53/ NEOTYPE CNC No. 20129/ *Serromyia ledicola* K det. H.Remm/ 56.
 Remarks: Neotype designation of *Serromyia ledicola* Kieffer in Borkent & Bissett (1990: 192).
- Serromyia nudiculis* Borkent in Borkent & Bissett, 1990, Syst. Ent. 15: 188. USA.
 Holotype ♂ (slide): Maine, 33.5km S. Ashland CD587 2.VII.1986 A.Borkent/ HOLOTYPE *Serromyia nudiculis* Borkent CNC No. 20126.
 Allotype ♀ (slide): Same data as holotype except with allotype label.
 Paratypes: 1♂, 2♀♀ (slides), New Brunswick; 15♀♀ (slides), Quebec; 6♀♀ (slides), Ontario; 1♂, 7♀♀ (slides), Vermont; 6♀♀ (slides), Maine.
- Serromyia nudipennis* Kieffer, 1913, Bull. Soc. Hist. nat. Metz 28: 10. ENGLAND.
 Neotype ♂ (slide): Oxford, ENGLAND 13. V. 1953 J. R. Vockeroth/ *Serromyia nudipennis* Kieffer NEOTYPE CNC No. 20248/ *Serromyia morio* Det. A. Borkent.
 Remarks: Neotype designation of *Serromyia nudipennis* (Kieffer) in Borkent & Bissett (1990: 199).
- Serromyia vockerothi* Borkent in Borkent & Bissett, 1990, Syst. Ent. 15: 191. CANADA.
 Holotype ♂ (slide): 10 km.S.Victoria Beach, Manitoba 18-VI-1985 A.Borkent CD368/ HOLOTYPE *Serromyia vockerothi* Borkent CNC No. 20127.
 Allotype ♀ (slide): Same data as holotype except with allotype label.

CHAMAEMYIIDAE

- Echinoleucopis bennetti* Gaimari & Tanasijtshuk, 2001, Syst. Ent. 26: 319. BRAZIL.
 Holotype ♂: Sao Paulo, Brazil, March 1963/ pred. on Ceroplastes on *Baccharis dracunculifolia*/ F.D. Bennett, Collector/ HOLOTYPE ♂, *Echinoleucopis bennetti* Gaimari et Tanasijtshuk.
 Paratypes: 2♂♂, 2♀♀, Brazil.
- Echinoleucopis macula* Gaimari & Tanasijtshuk, 2001, Syst. Ent. 26: 324. BRAZIL.

- Holotype ♂: Brazil: Sao Paulo, Analandia, 19-2-1989, F.D. Bennett/ ex waxy scale on guava/
HOLOTYPUS ♂, *Echinoleucopis macula* Gaimari et Tanasijtshuk.
Paratypes: 9♂♂, 9♀♀, Brazil.
- Echinoleucopis nigrolinea* Gaimari & Tanasijtshuk, 2001, Syst. Ent. 26: 325. CHILE.
Holotype ♂: La Cruz, Valpo, Dic. 12, 1960/ ex *Ceroplastes ceriferus* on *Baccharis rosmarinifolia*/ S. Rojas colector [sic]/ N. gen., n. sp. 65-732 (5), Det. J.F. McAlpine/ HOLOTYPUS ♂
Echinoleucopis nigrolinea Gaimari et Tanasijtshuk.
Paratypes: 1♂, 1♀, Chile.
- Leucopis aglaia* Tanasijtshuk, 2003, Zoosyst. Rossica 11: 386. CANADA.
Holotype ♂: Shames B.C. 16 miles S.W. Terrace 4.VI.1960 J.G. Chillcott/ river bank scrub.
Paratypes: 2♂♂, British Columbia.
Remarks: Types not yet deposited in the CNC; label data taken from the published description.
- Leucopis ankophalla* Tanasijtshuk, 2003, Zoosyst. Rossica 11: 379. USA.
Holotype ♂: Chiloquin Ore. VI-25-60/ E.I. Schlinger Collector/ Predacious upon *Capitophorus* sp. 60-7-28/ E.I. Schlinger/ slide no. 7173.
Paratypes: 2♂♂, California.
Remarks: Holotype terminalia are permanently mounted on a microscope slide. Types not yet deposited in the CNC; label data taken from the published description.
- Leucopis askophalla* Tanasijtshuk, 2003, Zoosyst. Rossica 11: 388. USA.
Holotype ♂: Thousand palms, Cal. 27.II.1953 J.E.H. Martin.
Paratypes: 42♂♂, 25♀♀, California; 2♀♀, Oregon; 1♀, Wyoming; 1♂, Nevada; 4♂♂, 21♀♀, Arizona; 2♂♂, Texas.
Remarks: Types not yet deposited in the CNC; label data taken from the published description.
- Leucopis charactophalla* Tanasijtshuk, 2003, Zoosyst. Rossica 11: 387. USA.
Holotype ♂: Big Bend N.P. Tex. Green Gulch 5000' May 14, 1959/ Bottimer/ slide no. 7359.
Paratypes: 4♂♂, California; 3♂♂, Texas.
Remarks: Holotype terminalia are permanently mounted on a microscope slide. Types not yet deposited in the CNC; label data taken from the published description.
- Leucopis chillcotti* Tanasijtshuk, 2003, Zoosyst. Rossica 11: 392. CANADA.
Holotype ♂: Salmita Mines 64° 05'N, 111° 15'W N.W.T., 12-VI-1953 J.G. Chillcott.
Paratypes: 4♂♂, 1♀, Northwest Territories; 1♂, 1♀, Yukon Territory; 1♂, Wyoming; 1♂, Colorado; 3♂♂, Colorado.
Remarks: Types not yet deposited in the CNC; label data taken from the published description.
- Leucopis hermanni* Tanasijtshuk, 2003, Zoosyst. Rossica 11: 395. CANADA.
Holotype ♂: Coleman, Alta. 12.VI.1962 K.C. Hermann/ slide no. 7213.
Remarks: Holotype terminalia are permanently mounted on a microscope slide. Types not yet deposited in the CNC; label data taken from the published description.
- Leucopis philoisos* Tanasijtshuk, 2003, Zoosyst. Rossica 11: 385. USA.
Holotype ♂: Redwood City, Cal. San Mateo County, aug. 20, 1949 P.H. Arnaud Jr./ *Leucopis americana* Mall. Det. Sabrosky/ slide no. 7006.
Paratype: 1♂, California.
Remarks: Holotype terminalia are permanently mounted on a microscope slide. Types not yet deposited in the CNC; label data taken from the published description.
- Leucopis rotundogena* Tanasijtshuk, 2003, Zoosyst. Rossica 11: 377. USA.
Holotype ♂: Alamogordo, N.M. May 26, 1964, J.F. McAlpine/ swept from ornamental shrubs/ slide no. 7230.
Paratypes: 1♂, Washington; 1♂, Idaho; 1♂, Utah; 2♂♂, Colorado.
Remarks: Holotype terminalia are permanently mounted on a microscope slide. Types not yet deposited in the CNC; label data taken from the published description.
- Leucopis schlingeri* Tanasijtshuk, 2003, Zoosyst. Rossica 11: 381. USA.
Holotype ♂: Riverside Cal., VIII-10, 1959/ E.I. Schlinger collector/ Primary parasite reared from *Thecabius populi-monilis*. E.I. Schlinger/ Aphid host plant *Populus trichocarpa*.
Paratypes: 12♂♂, 19♀♀, California.
Remarks: Types not yet deposited in the CNC; label data taken from the published description.
- Leucopis velutinfrons* Tanasijtshuk, 2003, Zoosyst. Rossica 11: 381. CANADA.
Holotype ♂: Spring Creek Terrace, B.C., 11.VI.1960 C.H. Mann/ slide no. 7231.
Paratypes: 1♂, Washington; 1♂, Colorado.
Remarks: Holotype terminalia are permanently mounted on a microscope slide. Types not yet deposited in the CNC; label data taken from the published description.

CHIRONOMIDAE

- Aagaardia longicalcis* Saether, 2000, Aquat. Insects 22: 193. CANADA.
Holotype ♂ (slide): *Aagaardia longicalcis* sp. n. Saether Holotype ♂ CANADA: New Brunswick, Kouchi-bouguac Natl. Park, 7 VII 1978, D.R. Oliver & M. Russell [sic] CNC CH7219.
Paratypes: 1♂ (slide), 1♀ (slide), Nova Scotia.

- Cladotanytarsus aeiparthenus* Bilyj & Davies, 1989, Can. J. Zool. 67: 950. CANADA.
 Holotype ♀ (slide with associated pupal exuviae):
 Holotype ♀ Slide No. 1 E.L.A. 70km ESE
 Kenora, Ont. Lake 233 no. X1019. A5 17.VI.1976
 leg. I. Davies Can. Nat. Coll. Type No. 19720
Cladotanytarsus aeiparthenus B. Bilyj.
 Remarks: There is a slide labeled as a paratype but it is
 from a locality not mentioned in the published
 description.
- Cladotanytarsus daviesi* Bilyj & Davies, 1989, Can. J. Zool. 67:
 951. CANADA.
 Holotype ♂ (slide): ♂ HOLOTYPE Slide No. 4 ELA
 70km ESE Kenora, Ont. Lake 239 no. P0009. A5
 30. 31.VII.1980 leg. I. Davies Can. Nat. Coll.
 Type No. 19726 Cladotanytarsus daviesi B. Bilyj.
 Allotype ♀ (slide): ♀ ALLOTYPE Slide No. 1 ELA
 70km ESE Kenora, Ont. Lake 226 no. V9015. A3
 27-28.VII.1975 leg. I. Davies Can. Nat. Coll.
 Type No. 19726 Cladotanytarsus daviesi B. Bilyj.
- Cladotanytarsus pinnaticornis* Bilyj & Davies, 1989, Can. J. Zool. 67:
 953. CANADA.
 Holotype ♂ (slide with associated pupal exuviae): ♂
 HOLOTYPE Slide No. 1 E.L.A. 70km ESE
 Kenora, Ont. Lake 223 no. X1022. A3
 23-24.VI.1976 leg. I. Davies Can. Nat. Coll. Type
 No. 19723 Cladotanytarsus pinnaticornis B. Bilyj.
 Allotype ♀ (slide): ♀ ALLOTYPE Slide No. 5 E.L.A.
 70km ESE Kenora, ON. Lake 223 no. V1025. A4
 22-23.VII.1975 leg. I. Davies Can. Nat. Coll.
 Type No. 19723 Cladotanytarsus pinnaticornis B.
 Bilyj.
 Paratype: 1 ♂ (slide), Ontario.
- Cladotanytarsus fusiformis* Bilyj & Davies, 1989, Can. J. Zool. 67:
 954. CANADA.
 Holotype ♂ (slide): ♂ HOLOTYPE Slide No. 7 ELA
 70km ESE Kenora, ON Lake 223 no. 01013. A1
 26-27.VI.1979 leg. I. Davies Can. Nat. Coll. Type
 No. 19722 Cladotanytarsus fusiformis B. Bilyj.
 Allotype ♀ (slide with associated pupal exuviae): ♀
 ALLOTYPE Slide No. 7 ELA 70km ESE Kenora,
 ON Lake 223 no. X1022. A1 23.24.VI.1976 leg. I.
 Davies Can. Nat. Coll. Type No. 19722
Cladotanytarsus fusiformis B. Bilyj.
 Paratypes: 1 ♂, 1 ♀ (slides), Ontario.
- Cladotanytarsus elaensis* Bilyj & Davies, 1989, Can. J. Zool. 67:
 955. CANADA.
 Holotype ♂ (slide): Holotype ♂ Slide No. 3 E.L.A.
 70km ESE Kenora ON Lake 223 no. X1031. A5
 14-15.VII.1976 leg. I. Davies Can. Nat. Coll.
 Type No. 19725 Cladotanytarsus elaensis B Bilyj.
 Allotype ♀ (slide with associated pupal exuviae): Same
 data as holotype except with allotype label and
 Slide No. 1.
- Cladotanytarsus muricatus* Bilyj & Davies, 1989, Can. J. Zool. 67:
 956. CANADA.
 Holotype ♂ (slide): ♂ HOLOTYPE Slide No. 2 E.L.A.
 70km ESE Kenora, ON Lake 223 no. X1025. A3
 30.VI.-1.VII.1976 leg. I. Davies Can. Nat. Coll.
 Type No. 19724 Cladotanytarsus muricatus B.
 Bilyj.
 Allotype ♀ (slide): ♀ ALLOTYPE Slide No. 3 E.L.A.
 70km Kenora, ON Lake 223 no. V1025. A4
 22-23.VII.1975 leg. I. Davies Can. Nat. Coll.
 Type No. 19724 Cladotanytarsus muricatus B.
 Bilyj.
 Paratype: 1 ♂ (slide), Ontario.
- Cladotanytarsus tribelus* Bilyj & Davies, 1989, Can. J. Zool. 67:
 957. CANADA.
 Holotype ♂ (slide): ♂ HOLOTYPE Slide No. 6 E.L.A.
 70km ESE Kenora, ON Lake 223 no. P1004. A2
 13-14.V.1980 leg. I. Davies Can. Nat. Coll. Type
 No. 19721 Cladotanytarsus tribelus B. Bilyj.
 Allotype ♀ (slide): ♀ ALLOTYPE Slide No. 6 E.L.A.
 70km ESE Kenora, ON Lake 227 no. V0001. A1
 19-20.V.1975 leg. I. Davies Can. Nat. Coll. Type
 No. 19721 Cladotanytarsus tribelus B. Bilyj.
 Paratype: 1 ♀ (slide with associated pupal exuviae) ,
 Ontario.
- Micropsectra geminata* Oliver & Dillon, 1994, Can. Ent. 126: 202.
 CANADA.
 Holotype ♂ (slide): HOLOTYPE Slide No. 7.V.86 Ont.
 Grey Co. 4km N. Benallen, Glen Management
 Area M.E. Dillon & D.R. Oliver Can. Nat. Coll.
 Type No. 21746 *Micropsectra geminata* Oliver &
 Dillon.
- Micropsectra montana* Säwedal, 1976, Ent. scand. 7: 134. NEPAL.
 Holotype ♂ (slide): 17.-23.V.1967 *Micropsectra* Sp. N3
 CANAD. NEPAL EXPED. 27° 56'N. 85° 00'E.
 Mal. tr. 8 10000/ Holotypus *Micropsectra*
montana n.sp. Sawedal CNC Type No 10952/
 Can. Nat. Coll. Type No. 10952 *Micropsectra*
montana Sawedal.
 Remarks: Presence of holotype in the CNC was not
 recorded by Cooper (1991).
- Micropsectra nepalensis* Säwedal, 1976, Ent. scand. 7: 134.
 NEPAL.
 Holotype ♂ (slide): 26.-31.V.67 *Micropsectra* Sp. N2
 CANAD. NEPAL EXPED. 27° 57'N. 84° 59'E
 Mal. tr. 5 10100/ Holotypus *Micropsectra*
nepalensis n.sp. Sawedal/ Can. Nat. Coll. Type
 No. 10956.
 Remarks: Presence of holotype in the CNC was not
 recorded by Cooper (1991).
- Orthocladus (Eudactylocladius) subletteorum* Cranston, 1998, J.
 Kans. ent. Soc. 71: 291. CANADA.
 Holotype ♂ (slide): *Orthocladus mixtus* Hazen Camp,
 N.W.T. 81°49'N., 71°18'W. Date:21 July 1961
 Coll: D.R. Oliver Det: D.R. Oliver No: CH1101
 Can.Nat. Collection 50/ # N3.
 Paratypes: 8 ♂♂, Northwest Territories; 25 ♂♂, 10 ♀♀,
 Nunavut; 1 ♂, Yukon Territory; 1 ♂, Manitoba; 1 ♂,
 Greenland; 1 ♂, Iceland.
 Remarks: There is not a holotype labeled in the CNC,
 but we assume it is present as part of the
 originally unlabelled type series.
- Skutzia inopinata* Reiss, 1985, Spixiana Suppl. No. 11: 174.
 CANADA.
 Holotype ♂ (slide): Zool. Staatssammlung München

- Skutzia inopinata Reiss Skutz Falls, Lake Cowichan, B.C., Canada, 23.7.1979 CH4490, CNC leg. I.M. Smith/ Holotypus CNC Type No. 20085.
Paratype: 1 ♂ (slide), British Columbia.
Remarks: Presence of holotype in the CNC was not recorded by Cooper (1991).
- Tanytarsus appendiculatus* Ekrem et al., 2003, Ann. ent. Soc. Am. 96: 280. CANADA.
Holotype ♂ (slide): White Lake Ontario 4-VI-68 R.D. Macdonald/ Tanytarsus appendiculatus Ekrem, Sublette & Sublette Holotype ♂ [underside of label] T. appendiculatus HOLOTYPE.
- Tanytarsus harperi* Ekrem et al., 2003, Ann. ent. Soc. Am. 96: 298. CANADA.
Holotype ♂ (slide): Holotype ♂ (slide): Lac Croche St. Hippolyte Terrobonne, Co., Que. 4-9 June 1977 P.P. Harper Em trap Tany # 6/ Tanytarsus harperi Ekrem, Sublette & Sublette Holotype ♂. [underside of label] HOLOTYPE T. harperi JES gift to CNC.
Paratypes: 2 ♂♂, (slides), Quebec.
- Tanytarsus martini* Ekrem et al., 2003, Ann. ent. Soc. Am. 96: 306. CANADA.
Holotype ♂ (slide): Holotype ♂ (slide): Tanytarsus martini Ekrem, Sublette & Sublette Holotype ♂ Canada, Ontario: Algonquin Park, Research station, at light, leg. J. Martin. [underside of label] HOLOTYPE T. martini.
- CHLOROPIDAE**
- Cetema nigripalpis* Savage & Wheeler, 1999, Ent. scand. 30: 254. CANADA.
Holotype ♂: Old Chelsea, QUE. Summit King Mt. 1150' 25.VI.1962, J. R. Vockerth/ HOLOTYPE
Cetema nigripalpis Savage and Wheeler.
Paratypes: 3 ♂♂, 4 ♀♀, Quebec.
- Conioscinella empheria* Wheeler & Forrest, 2003, Insect Syst. Evol. 34: 268. ECUADOR.
Holotype ♂: ECU: Galap: Espanola, Bahia Manzanilla, 5-10.vi.85, S & J Peck, littoral cryptocarpus and Prosopis, FIT, malaise/ HOLOTYPE
Conioscinella empheria Wheeler and Forrest.
Paratypes: 50 ♂♂, Ecuador.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Diplotoxa loma* Wheeler & Forrest, 2003, Insect Syst. Evol. 34: 267. ECUADOR.
Holotype ♂: ECU: Galap: Sta. Cruz, 4kmN Bellavista, MediaLuna 620m, 14.v-13.vii.85, S&JPeck, MiconiaZone, FIT/ HOLOTYPE Diplotoxa loma Wheeler and Forrest.
Paratypes: 14 ♂♂, 32 ♀♀, Ecuador.
- Elachiptera cultrata* Wheeler & Forrest, 2002, Zootaxa 98: 2. ECUADOR.
Holotype ♂: ECU: Galap: Sta. Cruz, 4kmN Bellavista, MediaLuna 620m, 14.v-13.vii.85, S&JPeck, MiconiaZone, FIT/ HOLOTYPE Elachiptera cultrata Wheeler and Forrest.
Paratypes: 49 ♂♂, 69 ♀♀, Ecuador.
- Gaurax gethosyne* Wheeler & Forrest, 2003, Insect Syst. Evol. 34: 271. ECUADOR.
Holotype ♂: ECU: Galapagos, Isabela, Sto. Tomas, 4-15.III.89, 300m, humidforest, malaise, Peck&Sinclair, 89-99/ HOLOTYPE Gaurax gethosyne Wheeler and Forrest.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Hippelates alyscus* Wheeler & Forrest, 2003, Insect Syst. Evol. 34: 273. ECUADOR.
Holotype ♂: ECUAD: Galap: Fernandina, Cabo Hammond, 0m, 3.v.1991, J. Heraty, beach grasses, H91/015/ HOLOTYPE Hippelates alyscus Wheeler and Forrest.
Paratypes: 1 ♂, 1 ♀, Ecuador.
- Liohippелates baptipalpis* Wheeler & Forrest, 2003, Insect Syst. Evol. 34: 273. ECUADOR.
Holotype ♂: ECU: Galapagos, SantaCruz, 1kmE CDRS (Lagoon) littoral, 30.III-7.IV.89, malaise, Peck&Sinclair, 89-188/ HOLOTYPE
Liohippелates baptipalpis Wheeler and Forrest.
Paratypes: 3 ♂♂, 12 ♀♀, Ecuador.
- Ocella anaclasta* Wheeler & Forrest, 2003, Insect Syst. Evol. 34: 277. ECUADOR.
Holotype ♂: ECUADOR: Galapagos Is., Pinta, 220m, sticky traps, 08.ii.1982, Y. Lubin/ HOLOTYPE
Ocella anaclasta Wheeler and Forrest.
Paratypes: 14 ♂♂, Ecuador.
- CLUSIIDAE**
- Clusiodes eremnos* Caloren & Marshall, 1998, Studia dipterol. 5: 282. USA.
Holotype ♂: 9 mi.W. Unity Baker Co. ORE. 4500' 2.VII.65 Malaise trap/ HOLOTYPE Clusiodes eremnos D.C. Caloren.
Paratypes: 1 ♀, Alberta; 1 ♀, British Columbia; 1 ♂, Colorado; 1 ♀, Oregon.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial that is pinned below specimen.
- Clusiodes kinetrolicros* Caloren & Marshall, 1998, Studia dipterol. 5: 295. COSTA RICA.
Holotype ♂: COSTA RICA, Guanacaste, GCA Cacao station, creek bed 900 m, 14.iii.1996, L. Masner 30 YPT C-05/ Clusiodes Det.J.M.Cumming/ HOLOTYPE Clusiodes kinetrolicros D.C. Caloren.
Paratypes: 1 ♀, Costa Rica; 1 ♀, Mexico.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

CONOPIDAE

Physocephala bennetti Camras, 1996, Ent. News 107: 105.
TRINIDAD.

Holotype ♀: CURIPE TRINIDAD JUNE 1965 F.D.B./
#10 Par on *Xylocopa submordax* Dead bee found
May 12 Par emerged June 11/ HOLOTYPE
Physocephala bennetti Camras/ 123/ bennetti.
Paratypes: 2 ♀, Trinidad.

CTENOSTYLIDAE

Nepaliseta mirabilis Barraclough, 1995, Ann. Natal Mus. 36: 138.
NEPAL.

Holotype ♀: NEPAL, Ktm. Godavari, 6000'
16.viii.1967 Mal. Tr., Can. Exp./ *Ramuliseta* sp
Det. J.F. McAlpine 1975/ HOLOTYPE ♀
Nepaliseta mirabilis Barraclough, 1995.

Remarks: Presence of holotype in CNC overlooked in
previous editions of the Supplement.

DOLICHOPODIDAE

Achalcus bicolor Pollet, 2005, Eur. J. Entomol. 102: 281.
CANADA.

Holotype ♂: CANADA, Manitoba, Assiniboine - Souris
River Fork [1 km E of Treesbank, fairly open
shallow rocky banks lined with willow and alder
trees], 11.viii.1993.

Paratypes: 1 ♂, 4 ♀, Ontario.

Remarks: Holotype and paratypes stored in 70%
alcohol. Types not yet deposited in the CNC.
Label data taken from published description.

Achalcus brevicornis Pollet, 2005, Zool. J. Linn. Soc. 143: 37.
CHILE.

Holotype ♂: CHILE: Rio Blanco; Malleco, CHILE;
II.1964. Pena; 1100-2000m/ Holotype/ *Achalcus*
brevicornis Pollet; det. M. Pollet, 2002.

Paratypes: 4 ♂♂, 2 ♀♀, Chile.

Remarks: Holotype hypopygium mounted on
semipermanent slide. Types not yet deposited in
the CNC.

Achalcus californicus Pollet & Cumming, 1998, Syst. Ent. 23: 377.
USA.

Holotype ♂: Inverness Marin Co., CAL. 10.V.1968
D.D. Munroe/ IDEMA illustration/ HOLOTYPE/
Achalcus californicus HOLOTYPE det. M. Pollet,
1997/ slide with leg I, antenna, hypop.

Remarks: Holotype front leg, antenna and terminalia are
mounted on a microscope slide.

Achalcus longicercus Pollet, 2005, Eur. J. Entomol. 102: 283.
CANADA.

Holotype ♂: CANADA, Ontario, R.M. of Durham,
Town of Georgina, Jacksons Point, Sibbald Point
Provincial Park (grassy path at clearing in wooded
marshland at Georgian Bay, site II), 29.vi.2001,
MSW, M. Pollet.

Paratypes: 1 ♀, Maine.

Remarks: Holotype and paratype stored in 70% alcohol.
Types not yet deposited in the CNC. Label data
taken from published description.

Achalcus micromorphoides Pollet, 2005, Zool. J. Linn. Soc. 143:
44. CHILE.

Holotype ♂: Huaquén; Coquimbo, CHILE;
26.VII.1960. Pena/ Holotype/ *Achalcus*
micromorphoides; Pollet; det. M. Pollet, 2002.

Remarks: Holotype hypopygium mounted on
semipermanent slide. Type not yet deposited in
the CNC.

Argentina bickeli Naglis, 2002a, Studia dipterol. 8: 481. CHILE.

Holotype ♂: Valle Los Piuquenes Aconcagua, CHILE
7-12.II.64. Pena/ Holotype *Argentina bickeli* n.
sp. St. Naglis det. 2000.

Paratypes: 2 ♂♂, 1 ♀, Chile.

Asyndetus bursericola Bickel & Sinclair, 1997, Ent. scand. 28:
253. ECUADOR.

Holotype ♂: ECU: Galap., Genovesa Bahia Darwin,
20m *Bursera* forest malaise 10-27.III.92 S. Peck
92-13/ HOLOTYPE *Asyndetus bursericola*
Bickel & Sinclair.

Paratype: 1 ♂, Ecuador.

Asyndetus mystacinus Bickel & Sinclair, 1997, Ent. scand. 28: 256.
ECUADOR.

Holotype ♂: ECU: Galap; Espanola Bahia Manzanilla
5-10.VI.85, S&J Peck littoral *Cryptocarpus* &
Prosopis, FIT, malaise/ HOLOTYPE *Asyndetus*
mystacinus Bickel & Sinclair.

Paratypes: 6 ♂♂, 6 ♀♀, Ecuador.

Remarks: Holotype terminalia are stored in glycerine in
a plastic microvial pinned below specimen.

Amblysilopus depilis Bickel & Sinclair, 1997, Ent. scand. 28: 243.
ECUADOR.

Holotype ♂: ECU: Galapagos Isabela, Sto. Tomas
4-15.III.89, 300m humid forest, malaise
Peck & Sinclair, 89-99/ HOLOTYPE
Amblysilopus depilis [sic] Bickel & Sinclair.

Paratype: 1 ♂, Ecuador.

Australachalcus cummingi Pollet, 2005, Zool. J. Linn. Soc. 143:
56. CHILE.

Holotype ♂: Gualletue; Malleco, CHILE;
9-14.XII.1963; L. Pena. 1200m/ Holotype/
Australachalcus cummingi; Pollet; det. M. Pollet,
2002.

Remarks: Holotype hypopygium mounted on
semipermanent slide. Type not yet deposited in
the CNC.

Australachalcus incisicornis, Pollet, 2005, Zool. J. Linn. Soc. 143:
59. CHILE.

Holotype ♂: Dalcahue; Isla Chiloe; Chiloe, CHILE;
17-31.I.62. Pena/ Holotype/ *Australachalcus*
incisicornis; Pollet; det. M. Pollet, 2002.

Paratypes: 2 ♂♂, Chile.

Remarks: Holotype hypopygium mounted on
semipermanent slide. Types not yet deposited in
the CNC.

- Australachalcus latipennis* Pollet, 2005, Eur. J. Entomol. 102: 284. USA.
 Holotype ♂: USA, Arizona, Cochise Co., Huachuca Mts., 5354 Ash Cyn., R2, 0.5 mi W. Hwy 92 (5100 ft), 21.-31.x.1992, MT, N. McFarland.
 Paratype: 1 ♀, Arizona.
 Remarks: Holotype and paratype stored in 70% alcohol. Types not yet deposited in the CNC. Label data taken from published description.
- Australachalcus pseudorobustus* Pollet, 2005, Zool. J. Linn. Soc. 143: 61. CHILE.
 Holotype ♂: Estero La Jaula; Curico, CHILE; I.1964. L. Pena; Nothofagus/ Holotype/ Australachalcus pseudorobustus; Pollet; det. M. Pollet, 2002.
 Remarks: Holotype hypopygium mounted on semipermanent slide. Type not yet deposited in the CNC.
- Australachalcus robustus* Pollet, 2005, Zool. J. Linn. Soc. 143: 64. CHILE.
 Holotype ♂: Dalcahue; Isla Chiloe; Chiloe, CHILE; 22.I.62. Pena/ Holotype/ Australachalcus robustus Pollet; det. M. Pollet, 2002.
 Paratype: 1 ♂, Chile.
 Remarks: Holotype hypopygium mounted on semipermanent slide. Types not yet deposited in the CNC.
- Australachalcus setosus* Pollet, 2005, Zool. J. Linn. Soc. 143: 65. CHILE.
 Holotype ♂: Bosque de los; Conservadores; Graneros, 1100m; O'Higgins, CHILE; 1-4.III.62. Pena/ Holotype/ Australachalcus setosus; Pollet; det. M. Pollet, 2002.
 Paratypes: 4 ♂♂, Chile.
 Remarks: Types not yet deposited in the CNC.
- Australachalcus variabilis* Pollet, 2005, Zool. J. Linn. Soc. 143: 67. CHILE.
 Holotype ♂: Rio Blanco; Malleco, CHILE; II.1964; 1100-1200 m/ Holotype/ Australachalcus variabilis; Pollet; det. M. Pollet, 2002.
 Paratypes: 4 ♂♂, Chile.
 Remarks: Types not yet deposited in the CNC.
- Bickelomyia canescens* Naglis, 2002b, Studia dipterol. 9: 236. MEXICO.
 Holotype ♂: 10 mi.W. El Salto, Dgo. MEX., 9000' June 10 1964 J.F. McAlpine/ Gen. Prep. No. SN2001-9 St. Naglis 2001/ Holotype Bickelomyia n. gen. canescens n. sp. St. Naglis det. 2001.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Bickelomyia flaviseta* Naglis, 2002b, Studia dipterol. 9: 232. MEXICO.
 Holotype ♂: MEXICO, Chis. San Cristobal de Las Casas 7087'27.V.1969 B.V. Peterson/ Gen. Prep. No. SN2001-6 St. Naglis 2001/ Holotype Bickelomyia n. gen. flaviseta n. sp. St. Naglis det. 2001.
 Paratype: 1 ♀, Mexico.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen. Right hind leg of holotype is glued to locality label.
- Bickelomyia nigriseta* Naglis, 2002b, Studia dipterol. 9: 230. COSTA RICA.
 Holotype ♂: COSTA RICA Monteverde 15.II-15.III.1986 A. Forsyth/ Holotype Bickelomyia n. gen. nigriseta n. sp. St. Naglis det. 2001.
- Bickelomyia setipyga* Naglis, 2002b, Studia dipterol. 9: 237. MEXICO.
 Holotype ♂: 10 mi.W.El Salto, Dgo. MEX., 9000' June 12 1964 J.F. McAlpine/ Gen. Prep. No. SN2001-10 St. Naglis 2001/ Holotype Bickelomyia n. gen. setipyga n. sp. St. Naglis det. 2001.
 Paratype: 1 ♀, Mexico.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Bickelomyia subcanescens* Naglis, 2002b, Studia dipterol. 9: 234. MEXICO.
 Holotype ♂: MEX.Dgo.9000' El Salto, 10 mi.W 30 June 1964 W.R.M.Mason/ Holotype Bickelomyia n. gen. subcanescens n. sp. St. Naglis det. 2001.
 Remarks: The published description of the holotype mentions a genitalic preparation, "No. SN2001-8, St. Naglis 2001". However, the specimen labeled as holotype does not have its terminalia dissected.
- Campsicnemus keokeo* Evenhuis, 2003, Bishop Mus. Occ. Pap. 75: 13. HAWAII.
 Holotype ♂: KAUA'I : Pihea-Kilohana Trail, Koke'e State Park, 1200 m, 25.vi.1979, wet forest pan trap, J.R. Vockeroth.
 Paratype: 1 ♂, HAWAII.
 Remarks: Types not yet deposited in the CNC. Label data taken from published description.
- Campsicnemus pe* Evenhuis, 2003, Bishop Mus. Occ. Pap. 75: 23. HAWAII.
 Holotype ♂: KAUA'I : Pihea-Kilohana Trail, Koke'e State Park, 1200 m, wet forest pan trap, J.R. Vockeroth.
 Remarks: Types not yet deposited in the CNC. Label data taken from published description.
- Chrysotus baerti* Bickel & Sinclair, 1997, Ent. scand. 28: 248. ECUADOR.
 Holotype ♂: ECU:Galapagos Isabela, Sto. Tomas 4-15.III.89, 300m humid forest, FIT Peck&Sinclair, 89-100/ HOLOTYPE Chrysotus baerti Bickel&Sinclair.
 Paratypes: 1 ♂, 1 ♀, Ecuador.
 Remarks: There are 2 additional specimens labeled as paratypes but their label data do not agree with the published data.
- Lapita dumbea* Bickel, 2002, Mém. Mus. natn. Hist. nat., Paris 187: 55. NEW CALEDONIA.
 Holotype ♂: Dumbea 100 m. NEW CALEDONIA Sept. 7. 1972 J.F. McAlpine/ HOLOTYPE Lapita dumbea Bickel.
 Paratypes: 6 ♂♂, 8 ♀♀, New Caledonia.
- Macrodictyomyia magnicauda* Naglis, 2002a, Studia dipterol. 8: 497. BRAZIL.
 Holotype ♂: Nova Teutonia 27° 11'S, 52° 23'W Brazil,

- 300-500m. XI.1964 Fritz Plaumann/ Gen. Prep.
No. SN2000-28 St. Naglis 2000/ Holotype
Macrodactylomyia n. gen. magnicauda n. sp. St.
Naglis det. 2000.
Remarks: Holotype terminalia are stored in glycerine in
a plastic microvial pinned below specimen.
- Medetera galapagensis* Bickel & Sinclair, 1997, Ent. scand. 28:
246. ECUADOR.
Holotype ♂: ECU:Galap: St. Cruz 2KmN Bellavista
360m, guava thicket 14.V-13.VII.85, S&J Peck
Agricultural area, FIT/ HOLOTYPE *Medetera*
galapagensis Bickel&Sinclair.
Paratypes: 1♂, 2♀♀, Ecuador.
Remarks: Holotype terminalia are stored in glycerine in
a plastic microvial pinned below specimen.
- Nepalomyia dilaticosta* Runyon & Hurley, 2003, Ann. ent. Soc.
Am. 96: 410. CANADA.
Holotype ♂: Ottawa, ONT., 8.VII.1990, J.R.
Vockeroth/ Damp second-growth Acer-Betula
wood/ HOLOTYPE *Nepalomyia dilaticosta* desig.
J. B. Runyon and R. L. Hurley 2003.
- Neurigona montebello* Naglis, 2003b, Studia dipterol. 10(1): 302.
MEXICO.
Holotype ♂: MEXICO: Montebello Nat. Park, Chiapas
5000', 31.V.1969, B.V. PETERSON (Mal.).
Remarks: Type not yet deposited in the CNC. Label
data taken from published description.
- Neurigona obscurata* Naglis, 2003b, Studia dipterol. 10(1): 305.
MEXICO.
Holotype ♂: MEXICO: Mexico, Chiapas, Yerba Buena,
Hwy 195, 24.VI.1969, B.V. PETERSON.
Paratypes: 8♂♂, 7♀♀, Mexico.
Remarks: Types not yet deposited in the CNC. Label
data taken from published description.
- Neurigona pseudobanksi* Naglis, 2003b, Studia dipterol. 10(1):
295. BRAZIL.
Holotype ♂: BRAZIL: Nova Teutonia, 27° 11' S, 52°
23' W, Brasil, 300-500 m, X.1962, Fritz
PLAUMANN.
Paratypes: 2♂♂, Brazil.
Remarks: Types not yet deposited in the CNC. Label
data taken from published description.
- Neurigona purulha* Naglis, 2003b, Studia dipterol. 10(1): 304.
GUATEMALA.
Holotype ♂: GUATEMALA: Guatemala, BV, 8 km S.
Purulha, 20-25.V.[19]91, MT H. HOWDEN.
Paratypes: 1♂, 1♀, Guatemala.
Remarks: Types not yet deposited in the CNC. Label
data taken from published description.
- Neurigona subnervosa* Naglis, 2003b, Studia dipterol. 10(1): 301.
MEXICO.
Holotype ♂: MEXICO: Mexico, Veracruz, Lake
Catemaco, 18.VI.1969, B.V. PETERSON.
Remarks: Type not yet deposited in the CNC. Label
data taken from published description.
- Neurigona yacambo* Naglis, 2003b, Studia dipterol. 10(1): 287.
Holotype ♂: VENEZUELA: Venez. Yacambo, 1200 m,
10.V.81, H.K. TOWNES.
Remarks: Types not yet deposited in the CNC. Label
data taken from published description.
- Paracoeloglutus chilensis* Naglis, 2001, Studia dipterol. 8: 201.
CHILE.
Holotype ♂: Dalcahue Isla Chiloe Chiloe, CHILE
17-22.I.62.Pena/ Holotype *Paracoeloglutus* n. gen.
chilensis sp. n. St. Naglis det. 5.2000.
Paratypes: 4♂♂, 1♀, Chile.
- Scellus abditus* Hurley, 1995, Flies of the Nearctic Region.
Schweizerbart, Stuttgart. 6: 145. CANADA.
Holotype ♂: Jumping Pd. Cr., 20mi. W. Calgary,
ALTA. 28 June, W.R.M. Mason '62/ *Scellus*
amplius Curran dt. Hendrickson/ HOLOTYPE
Scellus abditus ds. R. Hurley '92.
Paratypes: 4♂♂, Saskatchewan; 6♂♂, 5♀♀, Alberta.
- Scellus asaroticus* Hurley, 1995, Flies of the Nearctic Region.
Schweizerbart, Stuttgart. 6: 153. USA.
Holotype ♂: BRIGHTON, UTAH, 7-24-49/ F.C.
Harmston, Collectors/ *Scellus filifer* Loew, dt.
Hendrickson/ HOLOTYPE *Scellus asaroticus* ds.
R. Hurley '92.
Paratype: 1♂, Utah.
- Syntormon aotearoa* Bickel, 1999, Invert. Taxon. 13: 202. NEW
ZEALAND.
Holotype ♂: N.Z. Banks Pen. Forsythe Lake 14.I. 1974
G.E. Shewell/ HOLOTYPE *Syntormon aotearoa*
Bickel.
Paratypes: 1♂, 1♀, New Zealand.
- Viridigona albisigna* Naglis, 2003a, Studia dipterol. 9(2): 575.
PERU.
Holotype ♂: PERU: Quincemil, Cuzco Peru, 13-31.
VIII. '62, L. Pena, 780m.
Paratypes: 20♂♂, Peru.
Remarks: Types not yet deposited in the CNC. Label
data taken from published description.
- Viridigona beckeri* Naglis, 2003a, Studia dipterol. 9(2): 582.
BRAZIL.
Holotype ♂: BRAZIL: Nova Teutonia 17°[sic] 11'S,
52°23' W Brazil, 300-500 m, X.1962, Fritz
Plaumann.
Remarks: Type not yet deposited in the CNC. Label
data taken from published description.
- Viridigona bisetosa* Naglis, 2003a, Studia dipterol. 9(2): 572.
CHILE.
Holotype ♂: CHILE: Estero la Jaula, Curico, Chile, I.
1964, L. Pena, Nothofagus.
Paratypes: 41♂♂, 4♀♀, Chile.
Remarks: Types not yet deposited in the CNC. Label
data taken from published description.
- Viridigona longicornis* Naglis, 2003a, Studia dipterol. 9(2): 570.
CHILE.
Holotype ♂: CHILE: Dalcahue, Isla Chiloe, Chiloe
Chile, 17-31.I.62, Pena.
Paratypes: 1♂, 1♀, Chile.
Remarks: Types not yet deposited in the CNC. Label
data taken from published description.

Viridigona longiseta Naglis, 2003a, *Studia dipterol.* 9(2): 593.
BELIZE.
Holotype ♂: BELIZE: Br. Honduras, Middlesex, 125 m,
20.IV.1965, E.C. Welling.
Paratypes: 2♂♂, Belize.
Remarks: Types not yet deposited in the CNC. Label
data taken from published description.

Viridigona magnifica Naglis, 2003a, *Studia dipterol.* 9: 597.
PERU.
Holotype ♂: PERU: Avispas, Madre de Dios, Peru, 10-
20.IX.1962, L. Pena, 400 m.
Paratypes: 12♂♂, 3♀♀, Peru.
Remarks: Types not yet deposited in the CNC. Label
data taken from published description.

Viridigona merzi Naglis, 2003a, *Studia dipterol.* 9(2): 573. CHILE.
Holotype ♂: CHILE: Rio Blanco, Malleco, Chile, II.
1964, Pena, 1100-2000m.
Paratypes: 7♂♂, 6♀♀, Chile.
Remarks: Types not yet deposited in the CNC. Label
data taken from published description.

Viridigona ponti Naglis, 2003a, *Studia dipterol.* 9: 589. BRAZIL.
Holotype ♂: BRAZIL: Nova Teutonia, 27°11'S, 52°23'
W, Brazil, 300-500 m, 15.XI.1962, Fritz
Plaumann.
Remarks: Type not yet deposited in the CNC. Label
data taken from published description.

Viridigona subbrondinha Naglis, 2003a, *Studia dipterol.* 9(2): 578.
BRAZIL.
Holotype ♂: BRAZIL: Nova Teutonia, 27°11'S, 52°23'
W, Brazil, 300-500m. 16.X.1962, Fritz Plaumann.
Remarks: Type not yet deposited in the CNC. Label
data taken from published description.

Viridigona teutonia Naglis, 2003a, *Studia dipterol.* 9(2): 587.
BRAZIL.
Holotype ♂: BRAZIL: Nova Teutonia, 27°11'S, 52°23'
W, Brazil, 300-500 m, X. 1944, Fritz Plaumann.
Remarks: Type not yet deposited in the CNC. Label
data taken from published description.

Viridigona tinalandia Naglis, 2003a, *Studia dipterol.* 9(2): 582.
ECUADOR.
Holotype ♂: ECUADOR: ECU, Pichincha 16 km SE
Sto. Domingo, Tinalandia, 680 m, 15-30.VI.75, S.
& J. Peck/ ex Malaise Trap mounted from alcohol.
Remarks: Type not yet deposited in the CNC. Label
data taken from published description.

DROSOPHILIDAE

Cladochaeta ambidextra Grimaldi & Nguyen, 1999, *Bull. Am. Mus. nat. Hist.* 241: 14. MEXICO.
Holotype ♂: MEX. Chis. 7mi SE. San Cristobal
28.V.69 7000' H.J. Teskey/♂/ 34/ HOLOTYPE
Cladochaeta ambidextra Grimaldi.
Remarks: Holotype abdomen is stored in glycerine in a
plastic microvial pinned below specimen.

Cladochaeta erecta Grimaldi & Nguyen, 1999, *Bull. Am. Mus.*

nat. Hist. 241: 145. ECUADOR.
Holotype ♂: Coca, Napo R. Napo, ECUADOR
25-30.IV.65 250 m., L. Pena/ 107 ♂/ HOLOTYPE
Cladochaeta erecta Grimaldi.
Remarks: Holotype abdomen is stored in glycerine in a
plastic microvial pinned below specimen.

Cladochaeta glans Grimaldi & Nguyen, 1999, *Bull. Am. Mus. nat. Hist.* 241: 146. ECUADOR.
Holotype ♂: Loja, 2500m. Loja, ECUADOR
23-25.III.1965 L.E. Pena/ 110 male/ HT ♂ glans
[paper slide mount]/ HOLOTYPE Cladochaeta
glans Grimaldi.
Remarks: Holotype abdomen is stored in glycerine in a
plastic microvial pinned below specimen. Left
wing of holotype is mounted on a paper slide
mount pinned below specimen. Date of collection
of holotype was published as "23-25.II.65".

Cladochaeta mexinversa Grimaldi & Nguyen, 1999, *Bull. Am. Mus. nat. Hist.* 241: 65. MEXICO.
Holotype ♂: MEXICO, Chis. San Cristobal de Las Casas
7087'3-7.VI.1969 B.V. Peterson/ 100 male/
mexinversa: HT ♂ [paper slide mount]/
HOLOTYPE Cladochaeta mexinversa Grimaldi.
Paratype: 1♀, Mexico.
Remarks: Holotype abdomen is stored in glycerine in a
plastic microvial pinned below specimen. Left
wing of holotype is mounted on a paper slide
mount pinned below specimen.

Cladochaeta mystaca Grimaldi & Nguyen, 1999, *Bull. Am. Mus. nat. Hist.* 241: 101. MEXICO.
Holotype ♂: 20 mi. E. Concordia Sin. MEX 3000' 8
VIII.1964/ 102 ♂/ mystaca HT ♂ [paper slide
mount]/ HOLOTYPE Cladochaeta mystaca
Grimaldi.
Remarks: Left wing of holotype is mounted on a paper
slide mount pinned below specimen.

Cladochaeta ostia Grimaldi & Nguyen, 1999, *Bull. Am. Mus. nat. Hist.* 241: 194. MEXICO.
Holotype ♂: MEX. Chis. 6500ft. 20 mi. N. Bochil Yerba
Buena 24 June W.R.M. Mason 1969/ 98 ♂/ ostia
HT ♂ [paper slide mount]/ HOLOTYPE
Cladochaeta ostia Grimaldi.
Remarks: Holotype abdomen is stored in glycerine in a
plastic microvial pinned below specimen. Left
wing of holotype is mounted on a paper slide
mount pinned below specimen.

Cladochaeta spectabilis Grimaldi & Nguyen, 1999, *Bull. Am. Mus. nat. Hist.* 241: 270. ECUADOR.
Holotype ♂: ECUADOR Napo Province Jondachi,
7200m 20.V.1991 Legit: G. Onore/ 326/ 326
[paper slide mount]/ HOLOTYPE Cladochaeta
spectabilis Grimaldi.
Paratype: 1♂, Ecuador.
Remarks: Left wing of holotype is mounted on a paper
slide mount pinned below specimen.

Cladochaeta volsella Grimaldi & Nguyen, 1999, *Bull. Am. Mus. nat. Hist.* 241: 241. MEXICO.
Holotype ♂: MEX. Chis. 7000ft. 20 mi N. Bochil Y.
Buena, cloudfor. Mason 10 June 1969/ ♂/

- Cladochaeta volsella Grimaldi.
Paratypes: 1♂, Mexico.
- EMPIDIDAE**
- Chelifera circinata* MacDonald, 1994, Proc. ent. Soc. Wash. 96: 248. USA.
Holotype ♂: On tundra Cold Bay, 163°W Alaska 26-VII 1952, W.R. Mason/ HOLOTYPE Chelifera circinata MACDONALD CNC No. 21330.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 3♀♀, British Columbia; 11♂♂, 5♀♀, Alaska.
- Chelifera multidentata* MacDonald, 1994, Proc. ent. Soc. Wash. 96: 259. USA.
Holotype ♂: USA:NC: Swain Co. Great Smoky Mtns N.P. 15.VI.1990, Newfound Gap B.J. Sinclair ex. sweeping/ HOLOTYPE Chelifera multidentata MACDONALD CNC No. 21331.
Allotype ♀: Gr. Smoky Mt. Nat. Pk., N.C. 2.VII-1957 J.R. Vockeroth/ Indian Gap 5200/ Allotype Chelifera multidentata.
Paratypes: 2♂♂, 2♀♀, North Carolina; 1♂, 2♀♀, Tennessee.
- Chelifera subnotata* MacDonald, 1994, Proc. ent. Soc. Wash. 96: 271. USA.
Holotype ♂: NY Schuyler Co. Texas Hollow 20 Aug 1980 [date handwritten over typed "July 1978"] leg DJ Bickel/ HOLOTYPE Chelifera subnotata MACDONALD CNC No. 21332.
Paratype: 1♂, New York.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Chelifera vockerothi* Vaillant & Chvála, 1973, Steenstrupia 3: 58. SPAIN.
Holotype ♂ (slide): N. slope Veleta Sierra Nevada SPAIN 2400m./ 25.VII.1960 J.R. Vockeroth/ HOLOTYPE Slide No./ Chelifera vockerothi Vaillant & Chvála HOLOTYPE F. VAILLANT.
Remarks: Cooper & Cumming (1993: 27) indicated that the type was still in the collection of F. Vaillant; it is now deposited in the CNC.
- Chelipoda limitaria* MacDonald, 1993, Proc. ent. Soc. Wash. 95: 338. USA.
Holotype ♂: GA: McIntosh Co. Sapelo Island 28.IV-9.V.1987; MT Live Oak Forest BRC HYM. TEAM/ HOLOTYPE Chelipoda limitaria MACDONALD CNC No. 21333.
Allotype ♀: Same data as holotype except with allotype label and a date of "28.IV.1987".
Paratypes: 37♀♀, Georgia; 5♀♀, Texas.
- Chelipoda truncata* MacDonald, 1993, Proc. ent. Soc. Wash. 95: 347. USA.
Holotype ♂: Warwoman Cr. Ga Rabun Co. 1500' 31.VII.1957 J.G.Chillcott/ male gen. cleared by Mc.Donald Idema-illustr./ HOLOTYPE Chelipoda truncata MACDONALD CNC No. 21334.
Allotype ♀: Rabun Bald, Ga. Rabun Co. 3000' 14-VII-1957 J.G. Chillcott/ Allotype Chelipoda truncata.
Paratypes: 1♂, Ontario; 1♂, Georgia; 3♀♀, North Carolina.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Hemerodromia ligata* MacDonald, 1998, Proc. ent. Soc. Wash. 100: 809. USA.
Holotype ♂: Devil's River Del Rio, TEXAS April 28 1959 J.F. McAlpine/ HOLOTYPE Hemerodromia ligata MACDONALD CNC No. 21335.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 2♂♂, 4♀♀, Texas.
- Hemerodromia loba* MacDonald, 1998, Proc. ent. Soc. Wash. 100: 811. USA.
Holotype ♂: Truckee, CALIF. 6000' Tahoe Co. 14. VII. 1961 B.H. Poole/ HOLOTYPE Hemerodromia loba MACDONALD CNC No. 21336.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 1♂, 3♀♀, California.
- Hemerodromia sinclairi* MacDonald, 1998, Proc. ent. Soc. Wash. 100: 815. USA.
Holotype ♂: USA:NM: Grant Co. Gila Nat. For. 29.VI.1991 E. Fork Gila River BJ Sinclair BS9101/ HOLOTYPE Hemerodromia sinclairi MacDonald.
Allotype ♀: Same data as holotype except with allotype label.
Remarks: 5♂♂, 2♀♀, New Mexico.
- Hemerodromia subchelata* MacDonald, 1998, Proc. ent. Soc. Wash. 100: 818. USA.
Holotype ♂: Kerrville, TEX. April 14 1959 J. F. McAlpine/ HOLOTYPE Hemerodromia subchelata MACDONALD CNC No. 21337.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 7♂♂, 12♀♀, Texas.
- Neoplasta chrysopleura* MacDonald & Turner, 1993, Proc. ent. Soc. Wash. 95: 373. USA.
Holotype ♂: USA:AL, Conecuh Co. 10kmE. Evergreen 23.IV.1989 J.M. Cumming/ ex: along woodland sandbottom stream/ HOLOTYPE Neoplasta chrysopleura MACDONALD [sic] & Turner CNC No. 21338.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 2♀♀, Alabama; 2♂♂, South Carolina.
- Neoplasta deyrupi* MacDonald & Turner, 1993, Proc. ent. Soc. Wash. 95: 366. USA.
Holotype ♂: USA: Indiana Tippecanoe Co. 5 km W. Lafayette May 10, 1979 J. F. MacDonald/ HOLOTYPE Neoplasta deyrupi MacDonald & Turner/ HOLOTYPE Neoplasta deyrupi MACDONALD & Turner CNC No. 21339.
Allotype ♀: Same data as holotype except with allotype label.

- Paratypes: 1♂, Virginia; 2♂♂, Georgia.
Remarks: Date of collection of holotype and allotype was published as "May 10, 1992".
- Neoplasta paramegorchis* MacDonald & Turner, 1993, Proc. ent. Soc. Wash. 95: 370. USA.
Holotype ♂: UTAH Cache Co Logan Cyn, Turner C.G. 16-30 Aug 85 W. J. Hanson/ HOLOTYPE
Neoplasta paramegorchis MacDonald & Turner/
HOLOTYPE Neoplasta paramegorchis
MACDONALD & Turner CNC No. 21340.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 5♂♂, Alberta; 1♂, Colorado.
- Ragas alpina* Sinclair & Saigusa, 2001, Ent. Sci. 4: 511. USA.
Holotype ♂: USA:AZ:Cochise Co. Huachuca Mts 5354
Ash Cyn Rd 0.5mi. W Hwy92 12.XI-31.XII.93
N.McFarland 5100ft/ HOLOTYPE *Ragas alpina*
Sinclair & Saigusa.
Paratypes: 7♂♂, 23♀♀, Arizona.
- Ragas longicauda* Sinclair & Saigusa, 2001, Ent. Sci. 4: 514. USA.
Holotype ♂: USA:AZ:Cochise Co. Huachuca Mts 5354
Ash Cyn Rd 0.5mi. W Hwy92 1.1-14.II.1994
N.McFarland 5100ft/ HOLOTYPE *Ragas longicauda*
Sinclair & Saigusa.
Paratypes: 7♂♂, 6♀♀, Arizona.
- Ragas munroei* Sinclair & Saigusa, 2001, Ent. Sci. 4: 515. USA.
Holotype ♂: Lily Pond, Alpine Lk., Marin Co., CALIF.
1500/ 15-XII-70 9-1- 1971 Malaise Trap D.D.
Munroe/ HOLOTYPE *Ragas munroei* Sinclair &
Saigusa.
Paratypes: 1♂ (slide), 1♀, California.
- Rhamphomyia (Megacyttarus) astragala* Barták, 2002, Acta Univ. Carol. Biologica 46: 59. CANADA.
Holotype ♂: Bowser, B. C. 31- V -55 R. Coyles/
Holotypus *Rhamphomyia astragala* Barták.
- Rhamphomyia (Megacyttarus) canella* Barták, 2002, Acta Univ. Carol. Biologica 46: 69. CANADA.
Holotype ♂: Zymoetz R. B.C. 6 mi. E. Terrace 3.VI
1960 J.G. Chillcott/ on flowers and leaves of
devil's club/ [blank pink label]/ Holotypus
Rhamphomyia canella Barták.
Paratypes: 5♂♂, British Columbia; 1♂, California.
- Rhamphomyia (Megacyttarus) contracta* Barták, 2002, Acta Univ. Carol. Biologica 46: 81. CANADA.
Holotype ♂: Chalk River, Ont. 28.V. 1959 J.R.
Vockeroth/ Holotypus *Rhamphomyia contracta*
Barták.
Paratypes: 2♂♂, Ontario.
- Rhamphomyia (Megacyttarus) cummingi* Barták, 2002, Acta Univ. Carol. Biologica 46: 84. USA.
Holotype ♂: NJ: Burlington Co. Bass River State For.
26.IV.1987 J.M. Cumming/ Holotypus
Rhamphomyia cummingi Barták.
Paratypes: 12♂♂, New Jersey.
- Rhamphomyia (Megacyttarus) disconnecta* Barták, 2002, Acta Univ. Carol. Biologica 46: 89. CANADA.
Holotype ♂: Mt Allard, B.C. 23mi. N.Terrace 28-VI
1960 J.G. Chillcott/ Dancing low over pool
clearing 3000'/ Holotypus *Rhamphomyia disconnecta* Barták.
Paratypes: 8♂♂, British Columbia.
- Rhamphomyia (Megacyttarus) latilobata* Barták, 2002, Acta Univ. Carol. Biologica 46: 124. CANADA.
Holotype ♂: Miners B., Ont. 26 V -1939 G.E. Shewell/
[blank pink label]/ Holotypus *Rhamphomyia latilobata* Barták.
Paratypes: 12♂♂, Ontario.
- Rhamphomyia (Megacyttarus) laticaura* Barták, 2002, Acta Univ. Carol. Biologica 46: 127. CANADA.
Holotype ♂: Parke Reserve Kam. Co., Que.
24.VII.1957 G.E. Shewell/ 13/ [blank pink label]/
Holotypus *Rhamphomyia laticaura* Barták.
Paratypes: 16♂♂, Quebec.
- Rhamphomyia (Megacyttarus) pendens* Barták, 2002, Acta Univ. Carol. Biologica 46: 162. CANADA.
Holotype ♂: Hebron Lab. 19-VII-1954 E.E. Sterns/
[blank pink label]/ Holotypus *Rhamphomyia pendens* Barták.
Paratypes: 19♂♂, Labrador.
- Rhamphomyia (Megacyttarus) praecipua* Barták, 2002, Acta Univ. Carol. Biologica 46: 167. USA.
Holotype ♂: Isabel Pass, Alaska Mi.206 Richardson
Hwy. 2900'17.VII.1962 P.J.Skitsko/ Holotypus
Rhamphomyia praecipua Barták.
Paratypes: 19♂♂, Alaska.
Remarks: Date of collection of holotype was published as "13.vii.1962".
- Rhamphomyia (Megacyttarus) rhytmica* Barták, 2002, Acta Univ. Carol. Biologica 46: 180. USA.
Holotype ♂: Doolittle Ranch, 9800'Mt. Evans COLO. 3
-VIII J.G.Chillcott'61/ [blank pink label]/
Holotypus *Rhamphomyia rhytmica* Barták.
Paratypes: 17♂♂, Colorado.
- Rhamphomyia (Megacyttarus) rivalis* Barták, 2002, Acta Univ. Carol. Biologica 46: 186. CANADA.
Holotype ♂: North Fork Crossing Mi.43 Peel Plt.Rd.
3500'2.VII.1962 R.E.Leech Y.T./ [blank pink
label]/ Holotypus *Rhamphomyia rivalis* Barták.
Paratypes: 9♂♂, Yukon Territory; 1♂, Colorado.
- Rhamphomyia (Megacyttarus) subacuta* Barták, 2002, Acta Univ. Carol. Biologica 46: 199. CANADA.
Holotype ♂: Mt. Thornhill, nr. Terrace, B.C. 14.VII
1960 J.G.Chillcott/ in boggy seepage area 3500'/
[blank pink label]/ Holotypus *Rhamphomyia subacuta* Barták.
Paratypes: 17♂♂, British Columbia.
- Rhamphomyia (Megacyttarus) vockerothi* Barták, 2002, Acta Univ. Carol. Biologica 46: 210. CANADA.
Holotype ♂: Normandale Ont. 21-V-1956 42°42',
80°19' J.R.Vockeroth/ swarming over small
stream 8:30 AM/ [blank pink label]/ Holotypus
Rhamphomyia vockerothi Barták.
Paratypes: 18♂♂, Ontario.

Trichoclinocera agilis Sinclair, 1994, Can. Ent. 126: 1024. USA.
Holotype ♂: USA:TN:Van Buren Co. Fall Ck. Falls St. Pk. Cane Ck. below falls 19.VI.1990 B.J. Sinclair, BS9029 ex. emergent rocks/ HOLOTYPE
Trichoclinocera agilis Sinclair.
Paratypes: 5♂♂, Tennessee.

Trichoclinocera cummingsi Sinclair, 1994, Can. Ent. 126: 1035. USA.
Holotype ♀: USA:OK:Latimer Co. 5mi N Wilburton Robber's Cave St. Pk. 21.V.93, J.M. Cumming ex. Rough Canyon Ck./ HOLOTYPE *Trichoclinocera cummingsi* Sinclair.
Paratypes: 3♀♀, Oklahoma.

Trichoclinocera dasycoxa Sinclair, 1994, Can. Ent. 126: 1026. CANADA.
Holotype ♂: Ottawa, Ont. 11.IX-1947 G.E. Shewell/ HOLOTYPE *Trichoclinocera dasycoxa* Sinclair.
Allotype ♀: Ottawa River Remic Rapids Ont. 18.VI.1949 G. E. Shewell/ Emerged into cage/ ALLOTYPE *Trichoclinocera dasycoxa* Sinclair.
Paratypes: 1♂, 1♀, Nova Scotia; 4♂♂, 8♀♀, Ontario.

Trichoclinocera falcata Sinclair, 1994, Can. Ent. 126: 1028. CANADA.
Holotype ♂: CANADA:Quebec Gatineau Park, Lac Philippe Cpg'd 7.VII.1990, stream at Lusk Cave BJ Sinclair BS9033/ HOLOTYPE *Trichoclinocera falcata* Sinclair.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 23♂♂, 29♀♀, Quebec; 1♀, Ontario; 11♂♂, 8♀♀, Georgia; 3♂♂, 2♀♀, Pennsylvania.

Trichoclinocera nepalensis Sinclair & Saigusa, 2005, Bonn. Zool. Beitr. 53: 202. NEPAL.
Holotype ♂: NEPAL, Ktm. Godavari 6000' 18 July 1967 Can. Nepal Exped./ HOLOTYPE
Trichoclinocera nepalensis Sinclair + Saigusa.
Paratypes: 14♂♂, 19♀♀, Nepal.

Trichoclinocera ozarkensis Sinclair, 1994, Can. Ent. 126: 1033. USA.
Holotype ♂: USA:AR:Johnson Co. Ozark Nat.For. Haw Ck. Falls 8.VI.1991 ex. Haw Ck. BS9105 B.J. Sinclair/ HOLOTYPE *Trichoclinocera ozarkensis* Sinclair.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 39♂♂, 115♀♀, Arkansas; 10♂♂, 22♀♀, Illinois; 42♂♂, 45♀♀, Indiana; 12♂♂, 21♀♀, Oklahoma.

Trichoclinocera pectinifemur Sinclair, 1994, Can. Ent. 126: 1034. USA.
Holotype ♂: Phoenixville Chester Co., Pa. 17.V.1964 J.G. Chillcott/ HOLOTYPE *Trichoclinocera pectinifemur* Sinclair.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 20♂♂, 12♀♀, Quebec; 40♂♂, 57♀♀, Ontario; 3♂♂, 6♀♀, Indiana; 13♂♂, 3♀♀, Pennsylvania; 3♂♂, 2♀♀, West Virginia.

Trichoclinocera rupestris Sinclair, 1994, Can. Ent. 126: 1021. USA.
Holotype ♂: USA : WYOMING, Park Co. Shoshone Nat. For. 20.VII.1989, Newton Ck. Cpgd., Newton Ck. BJ Sinclair/ HOLOTYPE
Trichoclinocera rupestris Sinclair.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 3♂♂, 3♀♀, Alberta; 7♂♂, 7♀♀, British Columbia; 12♂♂, 7♀♀, Wyoming.

Wiedemannia apicalis Sinclair, 1997, Studia dipterol. 4: 340. USA.
Holotype ♂: Taylor Canyon Colo. Gunnison Co. 8000' 29.VII.1961 B. Poole/ HOLOTYPE *Wiedemannia apicalis* Sinclair.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 2♂♂, 1♀, Colorado.

Wiedemannia undulata Sinclair, 1997, Studia dipterol. 4: 348. USA.
Holotype ♂: USA: WYOMING: Bighorn Nat. For., Bighorn Co. 10kmE Shell 21.VII.1989 Shell Ck. BJ Sinclair.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 1♂, 4♀♀, British Columbia; 1♂, 4♀♀, Utah; 1♂, 1♀, Washington; 4♂♂, 17♀♀, Wyoming.

Wiedemannia vexillum Sinclair, 1997, Studia dipterol. 4: 339. CANADA.
Holotype ♂: NWT:Martin River FWL Pipeline Proj. 20.VI.1972 MRI. 35 DE/ *Wiedemannia* sp. Det. H.J. Teskey 1972/ HOLOTYPE *Wiedemannia vexillum* Sinclair.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

HYBOTIDAE

Chersodromia dominicana Solórzano Kraemer, Sinclair & Cumming, Zootaxa 37: 42. DOMINICAN REPUBLIC.
Holotype ♂ in amber: HOLOTYPE *Chersodromia dominicana* Solórzano Kraemer, Sinclair & Cumming.
Remarks: Type locality in Dominican Republic unknown; found in jewelry pendant.

Chvalaea boliviana Ale-Rocha, 2006, Zootaxa 1167: 22. BOLIVIA.
Holotype ♂: BOLIVIA: La Paz, Chulumani, Apa-Apa, 16°22'S, 67°30'W, 1-4.v.1997, 1800 m, L. Masner, B-09".
Remarks: Holotype abdomen dissected. Type not yet deposited in the CNC. Label data taken from published description.

Stilpon campestris Cumming in Cumming & Cooper, 1992, Can. Ent. 124: 959. CANADA.
Holotype ♂: HOLOTYPE/ Assiniboia Sask. 23.VI.1955 J.R. Vockeroth/ On ground among *Carex* roots/ HOLOTYPE *Stilpon campestris* Cumming CNC

- No. 21307.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 6♂♂, 7♀♀, Saskatchewan; 1♀, Kansas.
- Stilpon chillcotti* Cumming in Cumming & Cooper, 1992, Can. Ent. 124: 961. USA.
Holotype ♂: HOLOTYPE/ AL: Conecuh Co. 10 km E. Evergreen 23.IV.89 J.M. Cumming ex: along woodland sandbottom stream/ HOLOTYPE
Stilpon chillcotti Cumming CNC No. 21313.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 5♂♂, 13♀♀, Alabama; 7♂♂, Maryland; 1♂, Michigan; 1♂, Virginia; 22♂♂, 2♀♀, Indiana; 1♂, Georgia; 1♂, North Carolina; 1♀, Mississippi; 1♀, South Carolina.
- Stilpon ctenistes* Cumming in Cumming & Cooper, 1992, Can. Ent. 124: 962. USA.
Holotype ♂: HOLOTYPE/ N.Y.: Tompkins Co. Salmon Ck. 16 vi 1981; leg D.J. Bickel/ HOLOTYPE
Stilpon ctenistes Cumming CNC No. 21312.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 2♂♂, 2♀♀, Virginia; 4♂♂, 5♀♀, New York; 3♂♂, 5♀♀, Maryland; 3♂♂, 1♀, Georgia; 1♂, Tennessee; 1♀, North Carolina; 1♀, Massachusetts.
- Stilpon limitaris* Cumming in Cumming & Cooper, 1992, Can. Ent. 124: 966. USA.
Holotype ♂: HOLOTYPE/ GA: McIntosh Co. Sapelo Island 29.V-20.VI.1987; MT Live Oak Forest BRC HYM. TEAM/ HOLOTYPE Stilpon limitaris Cumming CNC No. 21310.
Allotype ♀: Same data as holotype except with allotype label and dated "9.29 V, 1987".
Paratypes: 36♂♂, 42♀♀, Georgia; 1♂, 1♀, Florida; 1♂, 3♀♀, Massachusetts; 1♀, Texas.
- Stilpon vockerothi* Cumming in Cumming & Cooper, 1992, Can. Ent. 124: 975. CANADA.
Holotype ♂: HOLOTYPE/ ONT: Ottawa 13-19VII 1987 J.M. Cumming ex./ HOLOTYPE Stilpon vockerothi Cumming CNC No. 21305.
Allotype ♀: Same data as holotype except with allotype label and dated "1-5. VII 1987".
Paratypes: 26♂♂, 12♀♀, Ontario; 3♂♂, Virginia; 1♂, Tennessee; 4♂♂, 6♀♀, Massachusetts; 4♂♂, North Carolina; 1♂, Maryland; 3♂♂, New York; 1♂, Michigan.
- Stilpon wirthi* Cumming in Cumming & Cooper, 1992, Can. Ent. 124: 978. USA.
Holotype ♂: HOLOTYPE/ Dennisport Mass 7.VIII.1964 J.R. Vockeroth/ On ground among Carex roots/ HOLOTYPE Stilpon wirthi Cumming CNC No. 21311.
Allotype ♀: ALLOTYPED/ Holliston Mass. 6 VII N. Banks/ ALLOTYPED Stilpon wirthi Cumming CNC No. 21311.
Paratypes: 2♂♂, North Carolina; 1♂, New York; 2♂♂, 2♀♀, Massachusetts; 1♀, Maryland.
- Remarks: Holotype terminalia are stored in glycerine in a glass microvial pinned below specimen.
- INBIOMYIIDAE**
- Inbiomyia empheres* Buck in Buck & Marshall, 2006, Contrib. Sci. 512: 22. ECUADOR.
Holotype ♂: ECU: Napo Prov. El Chaco, 2000 m. 15-23.II.1983, Mal. Tp., L. Masner & M. Sharkey/ from Kevin Barber Det. J.F. McAlpine 1985/ CNC/ ♂ HOLOTYPE Inbiomyia empheres Buck.
Paratype: 1♂, Ecuador.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- IRONOMYIIDAE**
- Cretonomyia pristina* McAlpine, 1973, Can. Ent. 105: 106. CANADA.
Holotype ♀ in amber: Cedar Lake, Manitoba, J.E.H. Martin & J.F. McAlpine, August 1963, CNC No. 12920.
Remarks: This species was inadvertently listed under the family Phoridae by Cooper & Cumming (1993: 36)
- LAUXANIIDAE**
- Homoneura (Euhomoneura) bistylata* Sasakawa, 1998, Scient. Rep. Kyoto prefect. Univ. 50: 52. MALAYA.
Holotype ♂: MALAYA, Pahang Ringlet 1150m 12.I.1990 J.R. Vockeroth/ HOLOTYPE
Homoneura (Euh.) bistylata n.sp. Det. M. Sasakawa.
Paratypes: 3♂♂, 3♀♀, Malaya.
- Homoneura (Homoneura) longiparameria* Sasakawa, 1998, Scient. Rep. Kyoto prefect. Univ. 50: 54. SINGAPORE.
Holotype ♀: SINGAPORE, Bt. Timah Nat. Res. 23.I.1990 J.R. Vockeroth/ Holotype ♀ Homoneura longiparameria n.sp. Det. M. Sasakawa.
Paratype: 1♂, Singapore.
- Homoneura (Homoneura) shewelli* Sasakawa, 1998, Scient. Rep. Kyoto prefect. Univ. 50: 56. SINGAPORE.
Holotype ♀: SINGAPORE, Bt. Timah Nat. Res. 23.I.1990 J.R. Vockeroth/ Holotype ♀ Homoneura shewelli n.sp. Det. M. Sasakawa.
Paratypes: 1♂, 1♀, Singapore.
- Lauxania glabrifrons* Perusse & Wheeler, 2000, Can. Ent. 132: 416. USA.
Holotype ♂: Angel L. NEVADA 12 mi. SW. Wells 11.VII.61 8400' J.G. Chillcott/ HOLOTYPE
Lauxania glabrifrons Perusse and Wheeler.
Paratypes: 3♂♂, 3♀♀, British Columbia; 1♂, 8♀♀, Nevada; 1♂, 4♀♀, Colorado; 2♂♂, Utah.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

Minettia (Frendelia) vockerothi Sasakawa, 1998, Scient. Rep. Kyoto prefect. Univ. 50: 58. MALAYA.

Holotype ♀: MALAYA, Pahang Tanah Rata 7.I.90
1460m J.R. Vockeroth/ Holotype ♀ *Minettia*
(Frend.) *vockerothi* n.sp. Det. M. Sasakawa.
Paratype: 1♂, Malaya.

Prosopomyia orientalis Sasakawa, 1998, Scient. Rep. Kyoto prefect. Univ. 50: 49. MALAYA.

Holotype ♀: MALAYA, Pahang Tanah Rata 4.I.90
1460m J.R. Vockeroth/ Holotype ♀ *Prosopomyia*
orientalis n.sp. Det. M. Sasakawa/ genus? Hom.
[on underside of white label].

MUSCIDAE

Morellia muscaoides Zielke, 1973, Z. Angew. Zool. 59: 364. ETHIOPIA.

Holotype ♀: The Divide, n.w. of Addis Ababa
ETHIOPIA 3100m./ 16.I.68 J.W. Boyes/ slide e z
12/ Holotypus *Morellia* ♀ *muscaoides* n.sp. det. E.
Zielke 1972.

Remarks: The original entry for this species in Cooper & Cumming (2000: 80) did not mention that the female holotype ovipositor slide ez 12 is missing from the CNC.

Philornis isla Couri, 2000, Bolm Mus. nac. Rio de J. Zoologia 414: 1. ECUADOR.

Holotype ♂: ECU:Galapagos Isabela, Villamil
4KmNW, 2-15.III.89 arid forest malaise, 20m
Peck&Sinclair, 89-90/ *Philornis isla* Couri det
M.S. Couri/ Holotipo.

Paratypes: 12♂♂, 22♀♀, Ecuador.

Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

Thricops aduncus Savage, 2003, Insect Syst. Evolut. Suppl. 61: 24. CANADA.

Holotype ♂: MI. 87, Y.T. Dempster hwy. 8-12.VII.
1973 G. & D.M. Wood/ HOLOTYPE *Thricops*
aduncus ♂ Savage.

Paratypes: 2♀♀, Yukon Territory: 2♀♀, British
Columbia; 3♀♀, Alaska.

Thricops diana Savage, 2003, Insect Syst. Evolut. Suppl. 61: 47. USA.

Holotype ♂: Hidden Sprs. Valley 9 mi. E. Sanoita,
4875' ARIZ. 14. x. 1964 R.F. Sternitzky/
HOLOTYPE *Thricops diana* ♂ Savage.

Paratypes: 2♂♂, 10♀♀, Arizona.

MYCETOPHILIDAE

Anaclileia nepalensis Bechev, 1990, Reichenbachia 28: 69. NEPAL.

Holotype ♂: 28°00'N. 85°00'E. Mal. tr.7, 9900' 20. May
1967 Can. Nepal Exped./ *Anaclileia nepalensis*
Bechev/ HOLOTYPE.

Paratypes: 6♂♂, Nepal.

Remarks: Holotype terminalia are stored in glycerine in a plastic depression strip pinned below specimen.

Anaclileia vallis Coher, 1995, Ent. News 106: 258. CANADA.

Holotype ♂ (in alcohol): Upper Carmanah Valley
British Columbia, Canada UTM: 10UCJ 803006
31VII-11 VIII 1981 N. Winchester TZMT5/
HOLOTYPE *Anaclileia vallis* Coher.

Remarks: Holotype terminalia and wing are mounted on separate microscope slides. Date of collection of holotype was published as "March 7- July 11, 1991". Consistently throughout Coher's paper the generic name *Anaclileia* was misspelled as *Anacliliea*.

Anaclileia vockerothi Bechev, 1990, Reichenbachia 28: 71. USA.

Holotype ♂: Highlands, N.C. 3800' 21.VI.1957 J.R.
Vockeroth/ *Anaclileia vockerothi* Bechev/
HOLOTYPE.

Paratypes: 2♂♂, North Carolina; 1♂, Georgia.

Remarks: Holotype terminalia are mounted in glycerine in a plastic depression strip pinned below specimen.

Anaclileia winchesteri Coher, 1995, Ent. News 106: 259. CANADA.

Holotype ♂ (in alcohol): Upper Carmanah Valley
British Columbia, Canada UTM: 10UCJ 803006 4
VII -15 VII 1991 N. Winchester TZMT1/
HOLOTYPE *Anaclileia winchesteri* '94 Coher.

Remarks: Holotype terminalia are mounted on a microscope slide. Consistently throughout Coher's paper the generic name *Anaclileia* was misspelled as *Anacliliea*.

Dynatosoma obscurum Zaitzev, 1988, Vest. Zoologii 1988: 34. USA.

Holotype ♂: U.S.A., Ore. Linn Co. Tombstone Prairie
20-VI-1965 F. Schmid/ Holotypus ♂ *Dynatosoma*
obscurum sp.n. det. A. Zaitzev 1985.

Paratypes: 2♂♂, British Columbia.

Remarks: Holotype terminalia are stored in glycerine in a plastic depression slide pinned below specimen.

Dynatosoma rotundatum Zaitzev, 1988, Vest. Zoologii 1988: 36. USA.

Holotype ♂: Highlands N.C. 3800' 8.VII.1957 J.R.
Vockeroth/ Holotypus ♂ *Dynatosoma zotundatum*
sp.n. det. Zaitzev.

Paratypes: 3♂♂, North Carolina; 1♂, Tennessee; 1♂,
Ontario; 1♂, Quebec.

Remarks: Holotype terminalia are stored in glycerine in a plastic depression slide pinned below specimen. Date of collection of holotype was published as "3.VII.1957".

Mycomya elephas Väisänen, 1984, Annl. ent. fenn. 50: 115. USA.

Holotype ♂: Thousand Palms, Cal. 6-III-1955 W. R.
Richards/ Holotypus *Mycomya elephas* n.sp.
Väisänen, 1984/ *Mycomya* ♂ *elephas* n.sp. R.
Väisänen det. 1984/ HOLOTYPE *Mycomya*
elephas Väisänen CNC No. 21611.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen. This

species was listed in an addendum in Cooper & Cumming (1993: 82).

Mycomya ikar Väisänen, 1996, Entomologica fenn. 7: 110. NEPAL.

Holotype ♂: 27°58'N. 85°00'E. Mal. tr. 1, 11,100' 5 June 1967 Can. Nepal Exped./ Holotypus *Mycomya* ♂ *ikar* Väisänen/ *Mycomya ikar* n.sp. ♂ det. R. Väisänen 1993/ HOLOTYPE *Mycomya ikar* Väisänen CNC No. 21913.

Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

Mycomya sus Väisänen, 1996, Entomologica fenn. 7: 125. NEPAL.

Holotype ♂: 28°00'N. 85°00'E. [second line partly crossed out], 10,500' 27 May 1967 Can. Nepal Exped./ Holotypus *Mycomya* ♂ *sus* Väisänen/ *Mycomya sus* n.sp. ♂ det. R. Väisänen 1993/ HOLOTYPE *Mycomya sus* Väisänen CNC No. 21914.

Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

PHORIDAE

Apocephalus anfractus Brown, 1993b, Syst. Ent. 18: 220. ECUADOR.

Holotype ♀: ECUADOR : Napo. Baeza 16-19.V.1987. 1700m B.Brown & L.Coote malaise.forest/pasture/ "LACM ENT 001158" [on underside of white label]/ HOLOTYPE CNC *Apocephalus* (Mesophora) *anfractus* Brown. Paratype: 1♀, Ecuador.

Apocephalus brunnipes Brown, 1993b, Syst. Ent. 18: 221. CANADA.

Holotype ♂: ALBERTA : Opal 53°59'N, 113°13'W 23-24.V.1986 B.V. Brown . malaise sand, jackpine/ "LACM ENT 001224" [on underside of white label]/ HOLOTYPE CNC ♂ *Apocephalus* (Mesophora) *brunnipes* Brown.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Apocephalus gracilis Brown, 1993b, Syst. Ent. 18: 221. COSTA RICA.

Holotype ♀: COSTA RICA : Puntarenas Monteverde, 1700m 28.V-1.VI.1988 BVBrown malaise, stunted forest/ "LACM ENT 001215" [on underside of white label]/ HOLOTYPE CNC *Apocephalus* (Mesophora) *gracilis* Brown.

Apocephalus leptotarsus Brown, 1993b, Syst. Ent. 18: 224. MEXICO.

Holotype ♂: MEX.Chis. 7200ft. S. Crist. las Casas 23, May 1969 W.R.M.Mason/ "LACM ENT 001212" [on underside of white label]/ HOLOTYPE CNC *Apocephalus* (Mesophora) *leptotarsus* Brown.

Paratype: 1♂, Mexico.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Apocephalus micrepelis Brown, 1993b, Syst. Ent. 18: 224.

DOMINICAN REPUBLIC.

Holotype ♂: DOMINICAN REPUBLIC: La Vega. P.N.Armando Bermudez 1000m. 12-22.i.1989.L.Masner Malaise.deciduous forest/ "LACM ENT 001211" [on underside of white label]/ HOLOTYPE CNC *Apocephalus* (Mesophora) *micrepelis* Brown.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Apocephalus pristinus Brown, 1993b, Syst. Ent. 18: 221. USA.

Holotype ♀: Forsyth,Ga. 2.VI.1970/ "LACM ENT 001181" [on underside of white label]/ HOLOTYPE CNC *Apocephalus* (Mesophora) *pristinus* Brown.

Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

Apocephalus prolatus Brown, 1993b, Syst. Ent. 18: 225. MEXICO.

Holotype ♂: MEXICO: Chiapas, San Cristóbal de las Casas 16°45'N, 92°38'W 7200 ft. 12.VII.1969 W. R. M. Mason Malaise Trap/ "LACM ENT 001219" [on underside of white label]/ HOLOTYPE CNC *Apocephalus* (Mesophora) *prolatus* Brown.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Apocephalus trisetus Brown, 1993b, Syst. Ent. 18: 220. COSTA RICA.

Holotype ♀: COSTARICA:Monteverde 29.ii.1980 1500m WR Mason.Cloud. For./ "LACM ENT 001208" [on underside of white label]/ HOLOTYPE *Apocephalus* (Mesophora) *trisetus* Brown.

Remarks: Holotype abdomen are stored in glycerine in a plastic microvial pinned below specimen.

Apocephalus tritarsus Brown, 1993b, Syst. Ent. 18: 227. MEXICO.

Holotype ♂: MEXICO,Chis.San Cristobal de Las Casas 7087' 18-19.V.1969 B.V. Peterson/ "LACM ENT 001207" [on underside of white label]/ Holotype ♂ *Apocephalus* (Mesophora) *tritarsus* Brown/ genitalia extremely faint, overcleared PTs are much better.

Paratype: 1♂, Mexico.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Apocephalus unitarsus Brown, 1993b, Syst. Ent. 18: 225. CANADA.

Holotype ♂: Masham Twp.QUE. Gatineau Co. 20-24.V.1974 D.M. Wood/ "LACM ENT 001206" [on underside of white label]/ HOLOTYPE CNC *Apocephalus* (Mesophora) *unitarsus* Brown.

Paratypes: 4♂♂, 1♀, Quebec; 5♂♂, Maryland; 1♂, New York.

Coniceromyia stephensoni Peterson, 1982, Mem. ent. Soc. Wash. 10: 136. PANAMA.

Holotype ♂: PANAMA: 4km.N.of Hartmann's Finca Chiriqui B.Gill 28.VI-3.VII. 1981/ HOLOTYPE

- Coniceromyia stephensoni* Peterson CNC No.17061.
Remarks: Only the slide of the wing and right fore tibia of the holotype was listed by Cooper & Cumming (1993: 35).
- Cootiphora angustata* Brown, 1993a, Mem. Ent. Soc. Can. 165: 122. ECUADOR.
Holotype ♀ (slide): ECUADOR: Pich. 17 km E. Santo Domingo Tinalandia. 6-13.v.1987. B.V. Brown 800m. clubhouse windows MOUNTED IN BERLESE FLUID, RINGED WITH GLYCEEL/
Cootiphora angustata Brown ♀ HOLOTYPE C.N.C.#2/97.
Remarks: Presence of holotype in CNC overlooked in previous editions of the Supplement.

PIOPHILIDAE

- Protophila litigata* Bonduriansky, 1995, Can. Ent. 127: 860. CANADA.
Holotype ♂: Holotype ♂ PROTOPIOPHILA LITIGATA BONDURIANSKY/ PIOPHILIDAE 7/6/1993 MOOSE ANTLER W.R.S. ALGONQUIN PARK.
Paratypes: 5♂♂, 3♀♀, Ontario; 2♀♀, Nova Scotia.

PIPUNCULIDAE

- Nephrocera acanthostylus* Skevington, 2005, Zootaxa 977: 8. CANADA.
Holotype ♂: CANADA: QC: Mount Rigaud; 45°27'59" N, 74°19'35" W; 19.v.2004 J.Skevington, L. Bartels, E. St.Louis, J.King/ J. Skevington Specimen # 15348/ HOLOTYPE *Nephrocera acanthostylus* Det.J.H. Skevington.
Paratypes: 1♂, New Brunswick; 1♂, 9♀♀, Ontario; 1♂, Virginia.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Nephrocera corpulentus* Skevington, 2005, Zootaxa 977: 19. USA.
Holotype ♂: PA Berks Co. 5 km S. Pine Grove 16. VI. 1997 D. M. Wood 375m/ J. Skevington Specimen # 11887/ HOLOTYPE *Nephrocera corpulentus* J.H. Skevington.
Paratype: 1♀, North Carolina.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen. Holotype head is glued to the locality label.
- Nephrocera woodi* Skevington, 2005, Zootaxa 977: 31. CANADA.
Holotype ♂: QUE Cté Gatineau Masham, Duncan Lake 2.VI.1996 D. M. Wood 260m/ J. Skevington Specimen # 15346/ HOLOTYPE *Nephrocera woodi* J.H. Skevington.
Paratypes: 6♂♂, Quebec.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

- Pipunculus basilicus* Skevington in Skevington & Marshall, 1998, Thomas Say Publs Ent. Monogr. 1998: 31. CANADA.
Holotype ♂: CANADA: ONTARIO Wellington Co. Guelph, Stone Rd. E 10.viii.1992, malaise R.A. Cannings/ HOLOTYPE *Pipunculus basilicus* Skevington.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Pipunculus hastatus* Skevington in Skevington & Marshall, 1998, Thomas Say Publs Ent. Monogr. 1998: 52. USA.
Holotype ♂: Herb Martyr Dam, Chiricahua Mts., ARIZ. 22 July, 1964 GD Butler/ HOLOTYPE *Pipunculus hastatus* Skevington.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

- Pipunculus maritimus* Skevington in Skevington & Marshall, 1998, Thomas Say Publs Ent. Monogr. 1998: 67. CANADA.
Holotype ♂: Green Gables, P.E.I. Cavendish Beach, VII.22.1967 D.M. Wood/ HOLOTYPE *Pipunculus maritimus* Skevington.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 1♀, Prince Edward Island; 1♂, New Brunswick.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

- Pipunculus nodus* Skevington in Skevington & Marshall, 1998, Thomas Say Publs Ent. Monogr. 1998: 72. USA.
Holotype ♂: Ramsey Cyn. 5200' 15 mi.S.Sierra Vista Huachuca Mts.ARIZ. 5. V .1967/ Collector R.F.Sternitzky/ Ex Malaise trap/ HOLOTYPE *Pipunculus nodus* Skevington.
Paratype: 1♂, Arizona.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

- Pipunculus platystylus* Skevington in Skevington & Marshall, 1998, Thomas Say Publs Ent. Monogr. 1998: 75. USA.
Holotype ♂: USA:NM:Grant Co.14mi N Silver City Cherry Ck. Cpgd 7400'malaise 32° 64'53"N 108° 13'28"W 14.ix.1994 J.E.O'Hara/ HOLOTYPE *Pipunculus platystylus* Skevington.
Paratype: 1♂, Arizona.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

- Pipunculus torus* Skevington in Skevington & Marshall, 1998, Thomas Say Publs Ent. Monogr. 1998: 81. CANADA.
Holotype ♂: Mer Bleu, 5 mi. E Ottawa, Ontario 25 VI 1964 Malaise Trap D.D. Munroe/ Taken in sphagnum bog/ HOLOTYPE *Pipunculus torus* Skevington.
Allotype ♀: Same data as holotype except with allotype label, and dated "7.VII. 1966".
Paratypes: 16♂♂, 19♀♀, Ontario.

RHINOPHORIDAE

- Bezzimyia jamaica* Pape & Arnaud, 2001, Zool. Scr. 30: 275.
JAMAICA.
Holotype ♀: JAMAICA, 4000' Hardwar Gap
VII.25.1966 Howden & Becker/ Holotype ♀
Bezzimyia jamaica Pape & Arnaud.
Remarks: Holotype abdomen is stored in glycerine in a
plastic microvial pinned below specimen. Left
wing of holotype is mounted in euparal on a
microscope slide.
- Bezzimyia orestes* Pape & Arnaud, 2001, Zool. Scr. 30: 277.
MEXICO.
Holotype ♂: MEXICO, Chis. 3mi. NE San Cristobal
27.VI.1969 B.V. Peterson/ Holotype ♂ Bezzimyia
orestes Pape & Arnaud.
- Bezzimyia platina* Pape & Arnaud, 2001, Zool. Scr. 30: 280.
MEXICO.
Holotype ♂: MEX. Chis. 6500ft. 20 mi N. Bochil Yerba
Buena 24 June W.R.M. Mason 1969/ Holotype ♂
Bezzimyia platina Pape & Arnaud.
Paratype: 1 ♂, Mexico.
- Bezzimyia ramicornis* Pape & Arnaud, 2001, Zool. Scr. 30: 281.
ECUADOR.
Holotype ♂: Ecuador: Pichincha nr. Tinalandia 1150m
lower montane forest 9-13.v.1987 malaise B.
Brown & L. Coote/ Holotype ♂ Bezzimyia
ramicornis Pape & Arnaud.
Remarks: Left fore tibia and tarsus and left wing of
holotype are mounted in euparal on two
microscope slides.

SARCOPHAGIDAE

- Chauliooestrus capensis* Villeneuve, 1925a: 25 [also 1925b: 49],
Konowia 4: SOUTH AFRICA.
Holotype ♀: Fraserburg E.S. Alston/ Chauliooestrus [sic]
capensis Typ. Villen/ TYPE/ EX. L.-P. MESNIL
COLLECTION 1985.
Remarks: This species was inadvertently listed under
the family Oestridae by Cooper & Cumming
(2000: 86).

SCATHOPHAGIDAE

- Huckettia nearctica* Vockeroth, 1995, Proc. ent. Soc. Wash. 97:
733. CANADA.
Holotype ♂: Beaverhill L., N.W.T. 62° 44'N, 104°
20'W. 29.VI.1966 G.E. Shewell/ M.T.S. Gravity
Survey Camp/ At Lake margin/ Huckettia
HOLOTYPE nearctica Vockeroth.
Paratypes: 4 ♂♂, 6 ♀♀, Quebec; 1 ♀, Manitoba; 29 ♂♂,
41 ♀♀, Northwest Territories; 106 ♂♂, 85 ♀♀,
Nunavut.
Remarks: This species was originally cited as a *nomen
nudum* by Vockeroth (1987b: 1095).

SCIARIDAE

- Corynoptera armigera* Vilkaama & Hippa, 2006, Zootaxa 1150:
38. CANADA.
Holotype ♂ (slide): CANADA, Yukon, Dempster Hwy,
km 135-195, spruce-willow forest, noon car
netting, 19.vi.1984, S. & S. [sic] Peck.
Remarks: Type not yet deposited in the CNC. Label
data taken from published description.
- Corynoptera robustior* Vilkaama & Hippa, 2006, Zootaxa 1150:
39. CANADA.
Holotype ♂ (slide): CANADA: Ontario, 7 mi E
Griffiths, 16.vii.1989, B.E. Cooper.
Remarks: Type not yet deposited in the CNC. Label
data taken from published description.
- Prosciara pectinifera* Hippa & Vilkaama, 1991, Entomologica
fenn. 2: 139. JAPAN.
Holotype ♂ (slide): Prosciara pectinifera Hippa &
Vilkaama 1991 CNC # 22007 Holotype/ JAPAN
Mt. Sanageyama 18-24.7.1989 (malaise trap) A.
Takano.
- Prosciara pentacanta* Hippa & Vilkaama, 1991, Entomologica
fenn. 2: 132. NEPAL.
Holotype ♂ (slide): Prosciara pentacanta Hippa
& Vilkaama 1991 C.N.C. 22008 Holotype/
NEPAL Pheol Chuki 8000' 17.Viii.1967 Canad.
Nepal Exp.

SCIOMYZIDAE

- Thecomyia naponica* Marinoni & Steyskal, in Marinoni et al.,
2003, Zootaxa 191: 24. ECUADOR.
Holotype ♂: Coca, Napo R. Napo, ECUADOR .V.1965
250 m., L. Pena/ Canadian Natl. Coll./ HOLOTYPE
Thecomyia naponica.
Paratypes: 5 ♂♂, 2 ♀♀, Ecuador.
Remarks: Holotype terminalia are stored in glycerine in
a plastic microvial pinned below specimen. Date
of collection of holotype was published as "25-30
Jun 1965".
- Thecomyia tricuneata* Marinoni & Steyskal, in Marinoni et al.,
2003, Zootaxa 191: 27. ECUADOR.
Holotype ♂: Coca, Napo R. Napo, ECUADOR
25-30.IV.65 250 m., L. Pena/ HOLOTYPE
Thecomyia tricuneata.
Paratypes: 3 ♂♂, 2 ♀♀, Ecuador.
Remarks: Holotype terminalia are stored in glycerine in
a plastic microvial pinned below specimen.

SIMULIIDAE

- Eusimulium (Hellichiella) usovae* Golini, 1987, Can. J. Zool. 65:
709. NORWAY.
Holotype ♀: Eusimulium usovae [sic] n.sp. Golini
Holotype ♀ Rendalen, Norway Asmyrtjorna Bog
2-VII-1980, N259-98 V.I. Golini/ NORWAY,

- Rendalen Asmyrijorna Bog-fen 2.vii.1980. V.I. Golini/ N259 98/ HOLOTYPE Eusimulium usovae Golini CNC No. 18692/ specimen c.p.d.'d; in pinned collection.
Allotype ♂: Same data as holotype except with allotype label.
Remarks: Presence of holotype in the CNC was overlooked by Cooper (1991).
- Simulium rothfelsi* Adler et al., 2003, Proc. ent. Soc. Wash. 105: 9. CANADA.
Holotype pupal exuviae + cocoon (in alcohol): Nova Scotia, Lunenburg Co., near New Germany, LaHave River, 44°33'N, 64°43'W, 21 May 1999, C.L. Brockhouse/ HOLOTYPE Simulium rothfelsi Adler, Brockhouse & Currie
Paratypes: 7 larvae (in alcohol), Nova Scotia.
Remarks: Adults of this species are unknown.
- Stegopterna diplomutata* Currie & Hunter, 2003, Zootaxa 214: 2. CANADA.
Holotype ♂: CANADA: Ontario, Nipissing District, Algonquin Provincial Park, Booth Lake, Booth's Rock Trail, 18 May 1992, F.F. Hunter/ Holotype Stegopterna diplomutata Currie & Hunter 2003.
Paratypes: 1 ♀ (pinned adult with pupal exuviae stored in glycerine in a plastic microvial pinned below specimen), 10 larvae (in alcohol), Ontario.
Remarks: Holotype pupal exuviae is stored in glycerine in a plastic microvial pinned below specimen.
- SPHAEROCERIDAE**
- Anomioptera bialba* Marshall, 1998, J. nat. Hist. 32: 179. VENEZUELA.
Holotype ♂: VEN: Merida Los Chorros 2300m, FIT 23-30.iv.1988 S.A. Marshall/ HOLOTYPE Anomioptera bialba S.A. Marshall.
- Anomioptera quadrialba* Marshall, 1998, J. nat. Hist. 32: 186. VENEZUELA.
Holotype ♀: VENZ: Bolivar 135km S El Dorado 20.vii-7.viii.86 B. Gill 1400m dung traps/ HOLOTYPE Anomioptera quadrialba S.A. Marshall.
- Anomioptera quinquealba* Marshall, 1998, J. nat. Hist. 32: 187. VENEZUELA.
Holotype ♂: VENEZUELA Merida Santa Rosa Trail dung, 23-30.iv.88 S.A. Marshall/ HOLOTYPE Anomioptera quinquealba S.A. Marshall.
- Anomioptera tresalba* Marshall, 1998, J. nat. Hist. 32: 188. ECUADOR.
Holotype ♂: ECU:Baeza 5.iii.1979 S A Marshall/ HOLOTYPE Anomioptera tresalba S.A. Marshall.
- Archileptocera lutea* Marshall, 1998, J. nat. Hist. 32: 192. ECUADOR.
Holotype ♂: Ecuador. Napo. Quito-Baeza Road, 4000m, 10-18.ii.1993, pan traps in low paramo, L. Masner/ HOLOTYPE Archileptocera lutea S.A. Marshall.
Paratypes: 5♂♂, 3♀♀, Ecuador.
Remarks: Holotype not yet deposited in the CNC; label data taken from the published description.
- Archileptocera nigra* Marshall, 1998, J. nat. Hist. 32: 194. ECUADOR.
Holotype ♂: Ecuador. Napo. 4000m., Quito-Baeza road, dung traps in elfin forest, 8.iii.1979, S. A. Marshall/ HOLOTYPE Archileptocera nigra S.A. Marshall
Paratypes: 6♂♂, 4♀♀, Ecuador.
Remarks: Holotype not yet deposited in the CNC; label data taken from the published description.
- Ischiolepta polyankistrion* Buck & Marshall, 2002, Studia dipterol. 9: 276.NEPAL.
Holotype ♂: NEPAL, Ktmd. Pulchauki 6800' 14.VII. 1967 Mal. Tr., Can. Exp./ ♂ HOLOTYPE Ischiolepta polyankistrion Buck & Marshall.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Ischiolepta scabifer* Buck & Marshall, 2002, Studia dipterol. 9: 259. CANADA.
Holotype ♂: Brandon, Man. 31-VII-1958 J.G. Chillcott/ ♂ HOLOTYPE Ischiolepta scabifer Buck & Marshall.
Paratype: 1♂, Manitoba.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial stored below specimen.
- Limomyza archiptera* Marshall, 1997, Proc. ent. Soc. Wash. 99: 283. MEXICO.
Holotype ♂: MEX:Guerrero,4miW Mazatlan. 4800'.30.viii-5.ix.1971.Oak trop.-decid. Human dung. A. Newton/ HOLOTYPE Limomyza archiptera S.A. Marshall.
- Limomyza cavernicola* Marshall, 1997, Proc. ent. Soc. Wash. 99: 285. USA.
Holotype ♂: U.S.A.: KENTUCKY Edmonson Co. M.N.P. Running Br. 17-25.vi.-1973 S.Peck For. Dung trap/ HOLOTYPE Limomyza cavernicola S.A. Marshall.
- Limomyza hirta* Marshall, 1997, Proc. ent. Soc. Wash. 99: 287. MEXICO.
Holotype ♂: 10 mi.W.El Salto, Dg.MEX. VI. 13 1964 H.F. Howden/ HOLOTYPE Limomyza hirta S.A. Marshall/ illustrated by R. Langstaff.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Limomyza sharkeyi* Marshall, 1997, Proc. ent. Soc. Wash. 99: 288. GUATEMALA.
Holotype ♀: GUAT: San Marcos San Antonio 8000' Sacatepequez 29.ix.1987 M. Sharkey/ HOLOTYPE Limomyza sharkeyi S.A. Marshall.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Limomyza venia* Marshall, 1997, Proc. ent. Soc. Wash. 99: 288. MEXICO.
Holotype ♂: MEX: Mexico 3mi SW Tenancingo, 31.viii-6.ix.71. 7100ft km52 1/4. oak-juniper

- A Newton, Human dung/ HOLOTYPE *Limomyza venia* S.A. Marshall.
- Opacifrons brevistylus* Marshall & Langstaff, 1998, Contr. Sci. Nat. Hist. Mus. (Los Angeles) 474: 8. COSTA RICA.
Holotype ♂: Costa Rica: San Jose San Gerardo de Dota 9 33°N, 83 48°W, near trail, 2400-2600m, 8-9 viii.95, S.A. Marshall/ HOLOTYPE *Opacifrons brevistylus* S.A. Marshall.
Paratypes: 10♂♂, 1♀, Costa Rica.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Opacifrons obunca* Marshall & Langstaff, 1998, Contr. Sci. Nat. Hist. Mus. (Los Angeles) 474: 15. ECUADOR.
Holotype ♂: Tarqui, 2800m. Azuay, ECUADOR 10.III.65, L. Pena/ HOLOTYPE *Opacifrons obunca* S.A. Marshall.
Paratypes: 15♂♂, 10♀♀, Ecuador.
- Opacifrons parabisecta* Marshall & Langstaff, 1998, Contr. Sci. Nat. Hist. Mus. (Los Angeles) 474: 18. COSTA RICA.
Holotype ♂: CR: Puntarenas Monteverde 1500-1800m. 24-27.II.1991 B.J. Sinclair ex. sweeping trails/ HOLOTYPE *Opacifrons parabisecta* S.A. Marshall.
Paratypes: 4♂♂, 2♀♀, Costa Rica.
- Opacifrons redunda* Marshall & Langstaff, 1998, Contr. Sci. Nat. Hist. Mus. (Los Angeles) 474: 21. ECUADOR.
Holotype ♂: ECU: Napo Prov., 5km N El Chaco, 15.II.1983 M.J. Sharkey, Malaise trap & wet net/ HOLOTYPE *Opacifrons redunda* S.A. Marshall.
Paratypes: 18♂♂, 22♀♀, Ecuador.
- Opacifrons triloba* Marshall & Langstaff, 1998, Contr. Sci. Nat. Hist. Mus. (Los Angeles) 474: 24. ECUADOR.
Holotype ♂: Tandapi, 40km. SW. Quito, 1300-1500m. ECUADOR 15-21.VI.65, Pena/ HOLOTYPE *Opacifrons triloba* S.A. Marshall.
Paratypes: 31♂♂, 20♀♀, Ecuador.
- Palaeoceroptera clefta* Marshall, 1998, J. nat. Hist. 32: 212. ARGENTINA.
Holotype ♂: ARG: Salta; El Maray 50km W Chicoana, dry 2500m pants, 18-28.II.1992 S. Marshall/ HOLOTYPE *Palaeoceroptera clefta* Marshall.
- Palaeocoprina argentinensis* Marshall, 1998, J. nat. Hist. 32: 198. ARGENTINA.
Holotype ♂: ARGENTINA: 30km E Salta Campo Quijano, 18-20.II.1992 dung trap, forest remnant S.A. Marshall/ Archileptocera Det. S.A. Marshall PALAEOCOPRINA/ illustrated by R. Langstaff/ HOLOTYPE *Palaeocoprina argentinensis* S.A. Marshall.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Palaeocoprina colombiensis* Marshall, 1998, J. nat. Hist. 32: 200. COLOMBIA.
Holotype ♂: COLOMBIA, 12 km. S. Bogota, 10,000' 28.II-6.III-1972 S. & J. Peck Dung trap/ HOLOTYPE *Palaeocoprina colombiensis* S.A. Marshall.
Remarks: Holotype abdomen is stored in glycerine in a glass microvial pinned below specimen.
- Palaeocoprina equisetata* Marshall, 1998, J. nat. Hist. 32: 204. ECUADOR.
Holotype ♂: ECU: Napo, 27km NW Baeza, 2-6.III.1976 2700m., DgTp, S Peck/ HOLOTYPE *Palaeocoprina equisetata* S.A. Marshall.
- Palaeocoprina longinotum* Marshall, 1998, J. nat. Hist. 32: 206. ECUADOR.
Holotype ♂: ECU: Quito-Baeza Road. Elfin For. 1.III.1979. dung S A Marshall/ HOLOTYPE *Palaeocoprina longinotum* S.A. Marshall 1996.
- Palaeocoprina masneri* Marshall, 1998, J. nat. Hist. 32: 207. ECUADOR.
Holotype ♂: ECU: Napo Prov. Quito- Baeza Rd., 4000m., 10-18.II.1983, elfin forest, pan traps L. Masner/ HOLOTYPE *Palaeocoprina masneri* S.A. Marshall.
- Palaeocoprina pisinna* Marshall, 1998, J. nat. Hist. 32: 208. ECUADOR.
Holotype ♂: ECU: Napo Prov. Quito-Baeza Rd. 4000m, 18-23.II.1983 L. Masner, pan traps in low paramo/ HOLOTYPE *Palaeocoprina pisinna* S.A. Marshall.
Remarks: Date of collection of holotype was published as "10-18.II.1983".
- Palaeocoprina quadriseta* Marshall, 1998, J. nat. Hist. 32: 210. ECUADOR.
Holotype ♂: ECU: Quito-Baeza Road. Elfin For. 1.III.1979. dung S A Marshall/ illustrated by R. Langstaff/ HOLOTYPE *Palaeocoprina quadriseta*.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda alces* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1215. ARGENTINA.
Holotype ♂: ARG. Jujuy. 1200m Dique La Cienaga 8km. W. El Carmen 20-21.X.68. Pena/ HOLOTYPE *Rachispoda alces* Wheeler.
Paratypes: 13♂♂, 20♀♀, Argentina.
- Rachispoda altimontana* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1288. ECUADOR.
Holotype ♂: 10Km. S. Cuenca Azuay, ECUADOR 13-14.III.1965 2200m., L. Pena/ HOLOTYPE *Rachispoda altimontana* WHEELER.
Paratypes: 7♂♂, 6♀♀, Ecuador.
- Rachispoda amarilla* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1252. DOMINICAN REPUBLIC.
Holotype ♂: DOMINICAN REPUBLIC Manabao sweep, near creek 22.I.1989 S.A. Marshall/ HOLOTYPE *Rachispoda amarilla* Wheeler.
Paratypes: 1♂, 2♀♀, Dominican Republic.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda baezensis* Wheeler in Wheeler & Marshall, 1995, J.

- nat. Hist. 29: 1289. ECUADOR.
 Holotype ♂: ECU. Napo Baeza, 2000m. 1/3/1979 S.A. Marshall/ HOLOTYPE *Rachispoda baezensis* WHEELER.
 Paratype: 1♂, Ecuador.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda caesia* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1291. VENEZUELA.
 Holotype ♂: VEN: Merida Los Chorro 23.iv.88 sweeps S.A. Marshall/ HOLOTYPE *Rachispoda caesia* WHEELER.
 Paratype: 1♂, Venezuela.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda canadensis* Wheeler, 1995, J. nat. Hist. 29: 184. CANADA.
 Holotype ♂: CAN: ONT: Ottawa 19.viii.1989 J. R. Vockeroth swept at pond margin with dry Lemna/ HOLOTYPE *Rachispoda canadensis* Wheeler.
 Paratypes: 5♂♂, 7♀♀, Ontario; 75♂♂, 27♀♀, Manitoba.
- Rachispoda cesta* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1255. COSTA RICA.
 Holotype ♂: COSTA RICA: Hwy 2 km 95 83°44'W: 9°36'N 1-7.vi.1985. 320m H. Goulet-L. Masner/ HOLOTYPE *Rachispoda cesta* Wheeler.
 Paratypes: 2♂♂, 1♀, Costa Rica.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda condyla* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1230. CHILE.
 Holotype ♂: Tres Brazos Punta Arenas Magellanes, CHILE 1-3.XI.1960. Pena/ HOLOTYPE *Rachispoda condyla* WHEELER.
 Remarks: Holotype terminalia are stored in glycerine in plastic microvial pinned below specimen.
- Rachispoda cryptistyla* Wheeler, 1995, J. nat. Hist. 29: 209. CANADA.
 Holotype ♂: Midland, ONT. 12.V.1959 J.G. Chillcott/ HOLOTYPE *Rachispoda cryptistyla* Wheeler.
 Paratypes: 17♂♂, 15♀♀, Quebec; 44♂♂, 17♀♀, Ontario; 2♂♂, Manitoba; 2♂♂, Northwest Territories; 1♂, Colorado.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda forficula* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1235. ARGENTINA.
 Holotype ♂: ARGENTINA: Neuquen, Catan-Lil, 900m, 21.x.1989 S.A. Marshall near cow pond/ HOLOTYPE *Rachispoda forficula* WHEELER.
 Paratypes: 2♂♂, 1♀, Argentina; 1♂, 3♀♀, Chile.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda geniaetes* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1262. PUERTO RICO.
 Holotype ♂: PUERTO RICO: EL VERDE STN. Colorado forest dung traps 1-6.ii.1989. S.A. Marshall/ HOLOTYPE *Rachispoda geniaetes* Wheeler.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda justini* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1263. ECUADOR.
 Holotype ♂: ECU:Pich. 16kmESanto Domingo, Tinalandia 4.V.-25.vii.85 S&J Peck; 680m rainfor. Malaise-FIT./ HOLOTYPE *Rachispoda justini* Wheeler.
 Paratypes: 2♂♂, Ecuador.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda lucaris* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1294. COSTA RICA.
 Holotype ♂: COSTA RICA La Salva, malaise CES 200, 1 rainforest 23-26.v.1989 B.V. Brown/ HOLOTYPE *Rachispoda lucaris* WHEELER.
 Paratype: 1♂, Costa Rica.
- Rachispoda luciana* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1222. ST. LUCIA.
 Holotype ♂: St. Lucia, W.I. Black Bay 26.II-1.III.1978 S.A. Marshall/ HOLOTYPE *Rachispoda luciana* Wheeler.
 Paratype: 1♂, St. Lucia.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda luisi* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1237. CHILE.
 Holotype ♂: Las Brisas 10.IV.1955/ HOLOTYPE *Rachispoda luisi* WHEELER.
 Paratypes: 105♂♂, 95♀♀, Chile.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda merga* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1239. ARGENTINA.
 Holotype ♂: ARGENT. Tucuman Arroyo 14km. S. El Tala. 700m. 13-14.X.68. Pena/ HOLOTYPE *Rachispoda merga* WHEELER.
 Paratypes: 15♂♂, 24♀♀, Argentina.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda meringoterga* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1267. BRAZIL.
 Holotype ♂: Nova Teutonia 27° 11'S, 52° 23'W Brazil, 300-500m. XI-1958 Fritz Plaumann/ HOLOTYPE *Rachispoda meringoterga* Wheeler.
 Paratypes: 3♂♂, 4♀♀, Brazil; 1♂, Peru.
- Rachispoda mexicana* Wheeler, 1995, J. nat. Hist. 29: 191. MEXICO.
 Holotype ♂: Tepexpan 6900' Mexico, Mexico 12-VIII-1954 J.G. Chillcott/ HOLOTYPE *Rachispoda mexicana* Wheeler.
 Paratypes: 55♂♂, 38♀♀, Mexico.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda oreadis* Wheeler in Wheeler & Marshall, 1995, J. nat.

- Hist. 29: 1268. VENEZUELA.
 Holotype ♂: VEN: Merida St. Mucuchies Tr. 5km S.
 Paramo nr. Lake 4000m undr Espeletia debris
 28-iv-1988. S.A. Marshall/ HOLOTYPE
Rachispoda oreadis Wheeler.
 Paratypes: 1♂, 2♀, Venezuela.
- Rachispoda praealta* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1298. ECUADOR.
 Holotype ♂: ECU: Napo, 4000 km Quito-Baeza Pass
 Elfin For dung trap S. Marshall, iii'79/
 HOLOTYPE *Rachispoda praealta* WHEELER.
 Paratypes: 2♂♂, 2♀♀, Ecuador.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda recavisterna* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1270. MEXICO.
 Holotype ♂: MEX. Chis. 12mi SE. San Cristobal
 3.V.69 H.J. Teskey/ HOLOTYPE *Rachispoda recavisterna* Wheeler.
 Paratypes: 9♂♂, 9♀♀, Mexico.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda rhizophora* Wheeler, 1995, J. nat. Hist. 29: 197. PUERTO RICA.
 Holotype ♂: P.R.: Guanica wet mud nr. mangroves
 sweep 4.ii.1989 S.A. Marshall/ HOLOTYPE
Rachispoda rhizophora Wheeler.
 Paratypes: 1♂, 1♀, Dominican Republic; 2♂♂, Puerto Rica.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda spatulata* Wheeler, 1995, J. nat. Hist. 29: 222. USA.
 Holotype ♂: Salton Sea, Mecca, Cal. 2-III-1955 W.R.
 Richards/ HOLOTYPE *Rachispoda spatulata* WHEELER.
 Paratypes: 58♂♂, 40♀♀, California.
- Rachispoda subsolana* Wheeler, 1995, J. nat. Hist. 29: 199. USA.
 Holotype ♂: IND: Lynn Randolph Co. swept on mud
 11.vii.1989 S.A. Marshall/ HOLOTYPE
Rachispoda subsolana Wheeler.
 Paratypes: 1♂, 1♀, Indiana; 14♂♂, 7♀♀, Kansas; 8♂♂, 1♀, Texas; 5♂♂, 3♀♀, Florida; 1♂, 1♀, Georgia.
- Rachispoda synoria* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1275. USA.
 Holotype ♂: Welder Wildlife Ref. nr. Sinton, Tex.
 III.19-23.1965/ HOLOTYPE *Rachispoda synoria* Wheeler.
 Paratypes: 26♂♂, 13♀♀, Texas; 4♂♂, Arizona.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda thaliathrix* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1245. ARGENTINA.
 Holotype ♂: ARG. Catamarca 4km. N. Santa Maria.1700m. 4-5.X.68. Pena/ HOLOTYPE
Rachispoda thaliathrix Wheeler.
 Paratypes: 1♂, 3♀♀, Argentina.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda thermastris* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1278. ECUADOR.
 Holotype ♂: Los Duendes Carchi, ECUADOR elev. 2000m. 10.VI.65, L. Pena/ HOLOTYPE
Rachispoda thermastris Wheeler.
 Paratypes: 22♂♂, 10♀♀, Ecuador.
- Rachispoda trichopyga* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1280. ARGENTINA.
 Holotype ♂: ARG. Catamarca Ao. El Pintado, S. LaVina. 650m. 27/29.IX.68. Pena/ HOLOTYPE
Rachispoda trichopyga Wheeler.
 Paratype: 1♂, Argentina.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda vespertina* Wheeler, 1995, J. nat. Hist. 29: 225. CANADA.
 Holotype ♂: Takhini Hot Sprgs. Y.T. 2400'
 19.VIII.1962 R.E. Leech/ HOLOTYPE
Rachispoda vespertina WHEELER.
 Paratypes: 8♂♂, 7♀♀, Yukon Territory; 8♂♂, 9♀♀, Northwest Territories; 6♂♂, 5♀♀, Alberta; 36♂♂, 30♀♀, Manitoba.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- Rachispoda zygolepis* Wheeler in Wheeler & Marshall, 1995, J. nat. Hist. 29: 1285. ECUADOR.
 Holotype ♂: Cuenca, 2200m. Azuay, ECUADOR
 10-20.III.65, Pena/ HOLOTYPE *Rachispoda zygolepis* Wheeler.
 Paratypes: 2♂♂, Ecuador.
 Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

STRATIOMYIDAE

- Neopachygaster vitreus* Hull, 1930, Ent. News 41: 103. USA.
 Holotype ♂: Ames, Ia. 7-15 1923/ *Neopachygaster vitreus* TYPE! Hull.
 Remarks: Presence of holotype in the CNC was overlooked by Cooper & Cumming (1993).

SYRPHIDAE

- Chasmomma albitarsis* Kassebeer, 2000a, Dipteron 3: 29. UGANDA.
 Holotype ♂: Uganda: ♂, 7.6.1972, Entebbe, in forest, leg. H. Falke.
 Paratypes: 2♀♀, Uganda.
 Remarks: Types not yet deposited in the CNC; label data taken from the published description.
- Dioprosopa vockerothi* Kassebeer, 2000b, Dipteron 3: 76. ECUADOR.
 Holotype ♂: Bolivar, Chota Riv., 1800m. Carchi, ECUADOR 10.VI.65, L. Pena/ HOLOTYPE PUS *Pseudodoros vockerothi* Kassebeer: 1996.
 Paratype: 1♂, Ecuador.

- Remarks: Holotype terminalia are stored in glycerine in a glass microvial pinned below specimen.
- Habromyia rectilinea* Hull, 1942, Psyche 49: 19. BOLIVIA.
Syntype: 1♀.
♀: Rio Songo Ost Bolivia 800 m.Fassl/ COTYPE
HABromyia rectilinea Hull/ Blank white label
[underside of label] USNM ENT 00022471.
Remarks: There is an additional specimen labeled as cotype but it is from "Huanoabamba C. Peru", a locality not mentioned in the published description. Presence of syntype in the CNC was overlooked by Cooper & Cumming (1993).
- Paragus (Pandasyophthalmus) apicalis* Kassebeer, 1998, Dipteron 1: 2. IVORY COAST.
Holotype ♂: CI, W' Man, Zadépleu Cascades, Pont Liane 7°25' N 7°35' W Bachbett, 08.02.1998 leg. Kassebeer & Hilger/ HOLOTYPUS Paragus apicalis Kassebeer, 1998.
- Paragus boyesi* Kassebeer, 1999b, Dipteron 2: 80. MADAGASCAR.
Holotype ♂: Ambodimango MADAGASCAR 14. II. 1968 J.W. Boyes/ 378/ Boyes Cytolog. Coll. 378 To remain in C.N.C./ HOLOTYPUS Paragus boyesi Kassebeer, 1999
Paratypes: 5♂♂, 1♀, Madagascar.
- Paragus manensis* Kassebeer, 1999a, Dipteron 2: 35. IVORY COAST.
Holotype ♂: CI, NW' Man, Mont Tonkoui 1000-1200 m. 21.2.1998 7° 21' N 7° 36' W leg. Kassebeer & Hilger/ HOLOTYPUS Paragus manensis Kassebeer, 1999.
- Syritta unicolor* Lyneborg & Barkemeyer, 2005, Entomogr. 15: 75. UGANDA.
Holotype ♀: Entebbe, UGANDA 10.VI. 1972 H. Falke Mal. tr./ HOLOTYPUS *Syritta unicolor* ♀
Lyneborg & Barkemeyer det.: Lbg & Bkm 2003.
Paratypes: 1♀, Uganda; 1♀, Cameroon.
- Syritta vockerothi* Lyneborg & Barkemeyer, 2005, Entomogr. 15: 120. UGANDA.
Holotype ♂: Entebbe, UGANDA 13. VI. 1972 H. Falke In forest/ *Syritta hirtipes* Cn. Det. J.R. Vockeroth/ 4. 74 ♂ hirta Cn./ HOLOTYPUS *Syritta* ♂ vockerothi Lyneborg & Backemeyer 200 det.: Lbg & Bkm 2003.
Paratype: 1♀, Uganda.
Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.
- TACHINIDAE**
- Anetia flavipalpis* Reinhard, 1934, Bull. Brooklyn ent. Soc. 29: 187. USA.
Holotype ♀: College Station Apr. 27, 1930 Tex/ H.J. Reinhard Collector/ HOLOTYPUS *Anetia flavipalpis* Reinhard/ *Anetia flavipalpis* det. H.J. Reinhard Rein/ *Opsomeigenia flavipalpis* R Rnh.
Remarks: Presence of holotype in the CNC was overlooked by Cooper & O'Hara (1996).
- Belvosia ansata* Reinhard, 1951, Bull. Brooklyn ent. Soc. 46: 2. MEXICO.
Holotype ♂: Guadalajara, Mich. Aug. 27, 1947/ F. A. Cowan M. R. Wheeler Collectors/ HOLOTYPUS *Belvosia ansata* Reinhard/ *Belvosia ansata* R. Rnh.
Allotype ♀: Same data as holotype except for allotype label.
Paratypes: 9♂♂, 1♀, Mexico.
Remarks: Presence of holotype in the CNC was overlooked by Cooper & O'Hara (1996).
- Belvosia auratilis* Reinhard, 1951, Bull. Brooklyn ent. Soc. 46: 1. MEXICO.
Holotype ♂: Guadalajara, Mich. Aug. 27, 1947/ F. A. Cowan M. R. Wheeler Collectors/ HOLOTYPUS *Belvosia auratilis* Reinhard/ *Belvosia auratilis* R. Rnh.
Allotype ♀: Same data as holotype except for allotype label.
Paratypes: 2♂♂, 5♀♀, Mexico.
Remarks: Presence of holotype in the CNC was overlooked by Cooper & O'Hara (1996).
- Belvosia canadensis* Curran, 1927, Bull. Brooklyn ent. Soc. 22: 152. CANADA.
Holotype ♂: Piapoto Reserve 4.7.08/ TYPE *Belvoisia* [sic] canadensis Curran No. 2291.
Allotype ♀: Calgary Alta. Sep 2 1922/ TYPE *Belvoisia* [sic] canadensis Curran No. 2291.
Paratypes: 1♂, Manitoba; 1♀, Kansas; 1♀, Oklahoma.
Remarks: Presence of holotype in the CNC was overlooked by Cooper & O'Hara (1996).
- Belvosia matamorosa* Reinhard, 1951, Bull. Brooklyn ent. Soc. 46: 3. MEXICO.
Holotype ♂: Matamoros, Pueb. Sept. 8, 1947/ F. A. Cowan M. R. Wheeler Collectors/ HOLOTYPUS *Belvosia matamorosa* Reinhard/ *Belvosia matamorosa* R. Rnh.
Remarks: Presence of holotype in the CNC was overlooked by Cooper & O'Hara (1996).
- Belvosia splendens* Curran, 1927, Bull. Brooklyn ent. Soc. 22: 153. CANADA.
Holotype ♂: Sask./ TYPE ♂ *Belvoisia* [sic] splendens Curran No. 2292.
Allotype ♀: Baldur, Man. 11 VII 1925 R.D.Bird/ TYPE ♀ *Belvoisia* [sic] splendens Curran No. 2292.
Paratypes: 1♀, Manitoba; 1♂, Saskatchewan.
Remarks: Presence of holotype in the CNC was overlooked by Cooper & O'Hara (1996).
- Belvosia villaricana* Reinhard, 1951, Bull. Brooklyn ent. Soc. 46: 4. PARAGUAY.
Holotype ♀: Villarica, Para-guay I 1939 F. Schade Coll./ HOLOTYPUS *Belvosia villaricana* Reinhard/ *Belvosia villaricana* R. Rnh.
Remarks: Presence of holotype in the CNC was overlooked by Cooper & O'Hara (1996).
- Bonellimyia tessellata* Brooks, 1944, Can. Ent. 76: 198. CANADA.

- Holotype ♂: Holo TYPE ♂ *Bonellimyia tessellata* No. Brks 5397/ Petite Riviere, N.S. 18-vii.1935 J.McDunnough.
 Allotype ♀: Aylmer, Que. 28.IX.1924 C.H.Curran/
 Allotype ♀ B. *tessellata* Brks No. 5397.
 Paratypes: 2♂♂, 1♀, Nova Scotia; 5♂♂, 2♀♀, New Brunswick; 2♂♂, 1♀, Quebec; 3♂♂, 2♀♀, Ontario; 2♀♀, Saskatchewan; 6♂♂, 4♀♀, Alberta; 2♂♂, British Columbia; 5♂♂, Vermont; 1♂, Washington; 1♂, Idaho; 1♂, New Hampshire; 1♂, Colorado; 1♀, Massachusetts; 1♀, Tennessee.
 Remarks: This species was incorrectly listed under the genus *Linnaemyia* by Cooper and O'Hara (1996: 46).
- Carcelia kowarzi* Villeneuve, 1912, Feuille des Jeunes Naturalistes 42 [= ser. 5, 2]: 90. FRANCE.
 Syntype: 1♂
 ♂: Pyrenees S. France/ ♂ 1783/ Phaleneria Rond./ différant par des paralobes - laforce des soies scutellaires apicales par la coloration J. Villeneuve vid./ kowarzi Cotyp. Villen./ *Carcelia kowarzi* [sic] Villen. L.P. Mesnil det., 1969/ CNC Syntype *Carcelia kowarzi* Villeneuve Label affixed 2002/ EX L.-P. MESNIL COLLECTION 1970.
 Remarks: Presence of syntype in the CNC was overlooked by Cooper & O'Hara (1996).
- Chrysotachina auriceps* O'Hara, 2002, Studia dipterol. Suppl. 10: 91. USA.
 Holotype ♂: USA AZ Huachuca Mtns. Ramsey Cyn. Hamburg trail 11.viii.99 31°26.3'N 110°19.2'W ca. 6300' J.E. O'Hara/ HOLOTYPE *Chrysotachina auriceps* O'Hara.
 Allotype ♀: Same data as holotype except with allotype label.
 Paratypes: 7♀♀, Arizona.
 Remarks: Holotype terminalia are stored in glycerine in a glass microvial pinned below specimen.
- Chrysotachina infrequens* O'Hara, 2002, Studia dipterol. Suppl. 10: 92. USA.
 Holotype ♂: USA NC Pisgah N.F. east of Edgemont nr. Mortimer campgrd. 36°01.9'N 81°48.2'W 25-26.v.99 J.E. O'Hara/ HOLOTYPE *Chrysotachina infrequens* O'Hara.
 Allotype ♀: USA:VA, Augusta Co. G. Washington N.F. Plot 8 Lower Site 12 Jun 1995 Malaise Trap L. Butler & J. Strazanac coll./ ALLOTYPE *Chrysotachina infrequens* O'Hara.
 Paratype: 1♂, Wyoming.
- Chrysotachina longipennis* O'Hara, 2002, Studia dipterol. Suppl. 10: 93. USA.
 Holotype ♂: USA MD Calvert Co. Scientists Cliffs 38°31.0'N 76°30.8'W 24.ix.2000 D.M. Wood/ HOLOTYPE *Chrysotachina longipennis* O'Hara.
 Paratypes: 3♂♂, 2♀♀, Florida; 2♀♀, South Carolina.
- Dolichocolon vicinum* Mesnil, 1968a, Bull. Anns Soc. r. ent. Belg. 104: 176. VIETNAM.
 Holotype ♂: INDOCHINE FRANÇAISE Nhatranget Saigon A. KREMPT 1913/ *Dolichocolon vicinum* Mesnil L.P. Mesnil det., 1967/ TYPE/ HOLOTYPE ♂ of *Dolichocolon vicinum* Mesn. Examined 1970 R.W.Crosskey.
 Paratypes: 1♂, Vietnam; 1♀, Japan.
 Remarks: Presence of male paratype from Vietnam in the CNC was overlooked by Cooper & O'Hara (1996: 29).
- Doryphorophaga patrita* Reinhard, 1935, J. N.Y. Ent. Soc. 43: 394. USA.
 Lectotype ♀: Amherst, Ohio July 1933/ H J Reinhard Collector/ HOLOTYPE *Doryphorophaga patrita* Reinhard/ *Doryphorophaga patrita* det. H.J.Reinhard Rein/ LECTOTYPE *Doryphorophaga patrita* Reinhard Fixation by Wood 1985 Label affixed 2004.
 Paralectotypes: 9♀♀, Ohio.
 Remarks: Cooper & O'Hara (1996: 29) wrote, "Though Wood (1985: 66) referred to a female holotype, no holotype was designated or labeled by Reinhard." A specimen in the CNC was later found with a holotype label and this specimen was considered by O'Hara & Wood (2004: 101) to be a lectotype of *D. patrita* by fixation of Wood (1985: 66). The syntype labels affixed to the type series in 1994 by Cooper & Wood (see Cooper & O'Hara 1996: 29) were replaced in 2004 with lectotype and paralectotype labels.
- Exorista thula* Wood in Morewood & Wood, 2002, Polar Biol. 25: 576. CANADA.
 Holotype ♂: Hazen Camp, NWT 81°49'N, 71°18'W 14.VII. 1963 NE. 1001-77 D.R. Oliver/ HOLOTYPE *Exorista thula* Wood.
 Paratypes: 17♂♂, 11♀♀, Northwest Territories; 4♂♂, Yukon; 2♀♀, Greenland.
- Exoristoides blattarius* O'Hara, 2002, Studia dipterol. Suppl. 10: 76. USA.
 Holotype ♂: Indiana Dunes St. Pk., Indiana May 18, 1957 J. F. McAlpine/ Coll. as puparium under leaf. mould emerged: May 31/57/ HOLOTYPE *Exoristoides blattarius* O'Hara.
 Paratypes: 1♂, 1♀, Florida; 1♂, 3♀♀, Maryland; 1♂, 3♀♀, North Carolina; 1♂, New York; 43♀♀, Virginia.
 Remarks: Holotype puparium is glued to pin below specimen.
- Exoristoides sabroskyi* O'Hara, 2002, Studia dipterol. Suppl. 10: 81. USA.
 Holotype ♂: USA NM Grant Co. 14mi.n.Silver City Cherry Crk. campgrd. 32°54.8'N 108°13.6'W 7400' 16-19.viii.1999 Malaise1 J.E. O'Hara/ HOLOTYPE *Exoristoides sabroskyi* O'Hara.
 Allotype ♀: Same data as holotype except with allotype label and collected on "15-16.viii.1999".
 Paratypes: 1♂, New Mexico.
 Remarks: Holotype specimen was mounted from alcohol.
- Gonia sagax* Townsend, 1892, Can. Ent. 24: 65. USA.
 Neotype ♂: NeoTYPE *G. sagax* Tns. No.406./ MiddlxsCo IV-6 NJ/ SLIDE F.O.M No. 30. (S).
 Remarks: A neotype was designated by Tothill (1924a: 200) and its presence in the CNC listed by Cooper

- & O'Hara (1993: 40). However, the neotype is invalid because the original holotype is extant in the Snow Entomological Museum, University of Kansas.
- Gymnostylia minor* Villeneuve, 1913, Revue zool. afr. 3: 37.
KENYA.
Syntype: 1 ♂.
♂: Brit. E. Africa Kericho, 6500ft. Nyanza Prov. 27.XI.1911 C.M. Dobbs/ 31 C.M.D./ *Gymnostylia* Dr. Villeneuve det. minor Typ. Villen./ TYPE.
Remarks: Presence of syntype in the CNC was overlooked by Cooper & O'Hara (1996).
- Fabriciella latifrons* Tothill, 1924b, Can. Ent. 56: 260, 269.
CANADA.
Lectotype ♂: N. W. T. CAN./ HOLOTYPE F. latifrons Tothill No. 811.
Paralectotypes: 2 ♂♂, 2 ♀♀, Manitoba; 1 ♀, Northwest Territories; 1 ♀, Colorado.
Remarks: The type of *latifrons* was cited as a holotype by Cooper and O'Hara (1996: 37), in error. Tothill did not designate a holotype in his original publication, nor did he cite the material upon which the species was based. Type information on *latifrons* Tothill was subsequently provided by Walley (1933: 168), but his mention of a "holotype" is here interpreted as a lectotype designation.
- Hypostena vexans* Curran, 1925, Can. Ent. 57: 151. CANADA.
Holotype ♂: Barrington Passage, June 24, 1910 N.S. C.H. Young./ TYPE *Hypostena vexans* Curran No. 1308.
Remarks: Presence of holotype in the CNC was overlooked by Cooper & O'Hara (1996).
- Linnaemyia zimini* Mesnil, 1963, Bull. Inst. roy. Sci. nat. Belg. 39: 35. JAPAN.
Holotype ♂: Sapporo 17-[illegable]. 1955 K. Kamijo/ *Linnaemyia zimini* n.sp. L.P. Mesnil det., 1962/ TYPE/ *Linnaemyia bella* Mesnil L.P. Mesnil det., 1970/ EX L.-P. MESNIL COLLECTION 1970.
Remarks: Presence of holotype in the CNC was overlooked by Cooper & O'Hara (1996).
- Lypha cristiverpa* O'Hara, 2002, Studia dipterol. Suppl. 11: 106.
CANADA.
Holotype ♂: Canada, Quebec 10km.n.Eardley 6.v.2001 D.M. Wood/ HOLOTYPE *Lypha cristiverpa* O'Hara.
Allotype ♀: Metcalfe, ONT. 7.v.1994/ B.E. Cooper/ ALLOTYPE *Lypha cristiverpa* O'Hara.
Paratypes: 5 ♂♂, Manitoba; 10 ♂♂, Ontario; 12 ♂♂, Quebec; 1 ♂, 1 ♀, Saskatchewan; 1 ♂, Massachusetts; 6 ♂♂, Texas.
Remarks: Holotype terminalia are stored in glycerine in a glass microvial pinned below specimen.
- Macquartia pegomyioides* Richter & Wood, 1995, Acta zool. fenn. 199: 42. CANADA.
Holotype ♂: Herschel Is. Y.T. 28-29.VI.71 D.M. Wood/ *Macquartia arctica* ♂ Det. D.M. Wood 1969/ HOLOTYPE *Macquartia pegomyioides* Richter & Wood CNC No. 22105.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 6 ♂♂, 35 ♀♀, Yukon Territory; 2 ♀♀, Russia.
- Macquartia plumbea* Richter & Wood, 1995, Acta zool. fenn. 199: 42. CANADA.
Holotype ♂: YUKON km 465 Dempster Hwy 23-25.VI.80 800m Wood & Lafontaine/ HOLOTYPE *Macquartia plumbea* Richter & Wood CNC No. 22106.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 29 ♂♂, 9 ♀♀, Yukon Territory; 4 ♂♂, 2 ♀♀, Russia.
- Micronychia woodi* O'Hara, 2002, Studia dipterol. Suppl. 10: 122.
CANADA.
Holotype ♂: YUKON 10 km S Carcross 18.VII.80 1830m G. & M. Wood/ Holotype ♂ Allotype ♀ *Micronychia woodi* O'Hara.
Allotype ♀: Mounted on the same pin as holotype.
Paratypes: 42 ♂♂, 1 ♀, Yukon.
- Myiocera fulvo-testacea* Villeneuve, 1943, Revue Zool. Bot. afr. 37: 95. SOUTH AFRICA.
Holotype ♂: Marley Durban 12-19/ fulvo-testacea Type Villen./ *Myiocerops* (Africodexia) fulvo-testacea Type Villen./ TYPE.
Remarks: Presence of holotype in the CNC was overlooked by Cooper & O'Hara (1996).
- Myiocera longilingua* Villeneuve, 1943, Revue Zool. Bot. afr. 37: 95. TANZANIA.
Holotype ♂: Kibati mai 1916/ *Myiocera longirostris* Typ. Villen./ *Dinera longilingua* Vill. L.P. Mesnil det., 1980/ TYPE.
Remarks: Presence of holotype in the CNC was overlooked by Cooper & O'Hara (1996).
- Myiocera suffulva* Villeneuve, 1943, Revue Zool. Bot. afr. 37: 96. RHODESIA.
Syntype: 1 ♂.
♂: GOTA GOTA URUNGWE Dept. Agric. S. Rhodesia 17/9/1938/ W.L. Williams Collector/ Coll. 8646/ IMP INST. ENTOM/ *Myiocerops suffulva* Typ. Villen./ TYPE.
Remarks: Presence of syntype in the CNC was overlooked by Cooper & O'Hara (1996).
- Neothelaira pusilla* Reinhard, 1953, Proc. ent. Soc. Wash. 55: 244. USA.
Holotype ♀: Atherton VIII-4-54 Mo./ HOLOTYPE *Neothelaira pusilla* Reinhard/ *Aporotachina pusilla* R Rnh./ *Neothelaira pusilla* R. Rnh.
Remarks: Presence of holotype in the CNC was overlooked by Cooper & O'Hara (1996).
- Nigrilypha gnoma* O'Hara, 2002, Studia dipterol. Suppl. 10: 125. USA.
Holotype ♂: USA NM Torrance Co. Manzano Mtns., 8mi. w. Tajique, 4th of July campgrd. 7500' 11-12. viii.1993 J.E. O'Hara/ HOLOTYPE *Nigrilypha gnoma* O'Hara.
Allotype ♀: USA NM Grant Co. 14mi. n. Silver City Cherry Crk. campgrd. 32°54.8'N 108°13.6'W 15-

- 16.viii.1999 7400' J.E. O'Hara/ ALLOTYPE
Nigrilypha gnoma O'Hara.
Paratypes: 1♂, Arizona; 6♂♂, 6♀♀, New Mexico.
- Ostracophyto flavicaudalis* O'Hara, 2002, Studia dipterol. Suppl. 10: 138. USA.
Holotype ♂: Durham, NH VIII-20-1962/ Black light trap/ HOLOTYPE *Ostracophyto flavicaudalis* O'Hara.
- Pararchytas apache* Woodley, 1998, Proc. ent. Soc. Wash. 100: 414. USA.
Holotype ♂: USA NM Grant Co. Cherry Ck. campgrd. 14mi. n. Silver City 15-16.viii.1993 7400' J.E. O'Hara/ Holotype ♂ *Pararchytas apache* N.E.Woodley 1997.
Allotype ♀: USA N.M. Grant Co. Gila Nat. For. Cherry Ck. Campgrd. 21km. n. Silver City 2250m. 3-4.VIII.1980 J.E. & W.M. O'Hara/ Allotype ♀ *Pararchytas apache* N.E. Woodley 1997.
Paratypes: 5♂♂, 5♀♀, Arizona; 31♂♂, 7♀♀, New Mexico.
- Pararchytas hammondi* Brooks, 1945, Can. Ent. 77: 80. CANADA.
Holotype ♂: Avonmore, Ont. 13.VII. 1939 G.H.Hammond/ Holotype ♂ *Pararchytas hammondi* No. Brks 5516.
Allotype ♀: Same data as holotype except with allotype label.
Paratypes: 34♂♂, 8♀♀, Ontario.
Remarks: Presence of holotype in the CNC was overlooked by Cooper & O'Hara (1996).
- Phasia malaisei* Sun in Sun & Marshall, 2003, Zootaxa 276: 53. BURMA.
Holotype ♀: N. E. BURMA Kambaiti 7000 ft. 2.V.1934 R. MALAISE/ EX L.-P. MESNIL COLLECTION 1986/ HOLOTYPE *Phasia malaisei* Xuekui SUN 1995.
Remarks: Right wing of holotype is glued to a plastic mount. Date of collection of holotype was published as "2.V.1924".
- Phasia siberica* Sun in Sun & Marshall, 2003, Zootaxa 276: 152. RUSSIA.
Holotype ♀: U.S.S.R.: Siberia Novosibirsk Region Chany Lake Biological Station near Zdvansk, on flowers 1-5.vii.1991: S.A. Marshall/ HOLOTYPE *Phasia siberica* Xuekui SUN 1995.
- Phasia woodi* Sun in Sun & Marshall, 2003, Zootaxa 276: 190. MALAYSIA.
Holotype ♂: Ng. Sekuau, Ulu Oya, 3 Div., S'wak./ 19-12-1974 ex hill padi D. Munroe col./ Single - hill Sample SE- 1 -20/ HOLOTYPE *Phasia woodi* Xuekui SUN 1995.
Allotype ♀: Same data as holotype except "Single - hill Sample SE - 6 - 14"/ "ALLOTYPE *Phasia woodi* Xuekui SUN 1995".
Paratypes: 12♂♂, 17♀♀, Malaysia.

TEPHRITIDAE

- Trypeta bifasciata* Han & Norrbom, 2005, Syst. Ent. 30: 225. MEXICO.
Holotype ♀: 3 mi. E. El Salto Dgo. MEX. 8200' July 18 1964 J.F. McAlpine/ HOLOTYPE ♀ *Trypeta bifasciata* Han & Norrbom, 1992/ USNM ENT 00216048.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Trypeta californiensis* Han & Norrbom, 2005, Syst. Ent. 30: 225. USA.
Holotype ♂: Lily Pond, Alpine Lk., Marin Co., Calif. 1500' 11.iv-9.v 1970 Mal. Tr. D.D. Monroe/ *Trypeta maculosa* (Coq.) det. R.H. Foote 1982/ HOLOTYPE ♂ *Trypeta californiensis* Han & Norrbom, 1992/ USNM ENT 00216047.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Trypeta chiapasensis* Han & Norrbom, 2005, Syst. Ent. 30: 227. MEXICO.
Holotype ♂: MEXICO, Chiapas Mt. Tzontehuitz 9400' 12 mi.NE San Cristobal 27.V.1969 B.V. Peterson/ HOLOTYPE ♂ *Trypeta chiapasensis* Han & Norrbom, 1992/ USNM ENT 00216045.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Trypeta flavifasciata* Han & Norrbom, 2005, Syst. Ent. 30: 235. MEXICO.
Holotype ♂: W. Side Cortes Pass 9500' Mexico, Mexico 13 - VIII - 1954 J.G. Chillcott/ HOLOTYPE ♂ *Trypeta flavifasciata* Han & Norrbom, 1992/ USNM ENT 00216020.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Trypeta wulpi* Han & Norrbom, 2005, Syst. Ent. 30: 244. MEXICO.
Holotype ♂: 8 mi. W. El Palmito S in. MEX. 6000' July 15, 1964 J.F. McAlpine/ HOLOTYPE ♂ *Trypeta wulpi* Han & Norrbom, 1992/ USNM ENT 00215996.
Paratype: 1♀, Mexico.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.

TETHINIDAE

- Masoniella advena* Foster & Mathis, 2003, Smithson. Contr. Zool. 619: 50. ARGENTINA.
Holotype ♂: ARGENT.Jujuy Agua Caliente NE.Guemes, 1100m. 18-19.X.68.Pena/ HOLOTYPE *Masoniella advena* ♂ Foster & W.N. Mathis.
Paratype: 1♂, Argentina.
- Masoniella flabella* Foster & Mathis, 2003, Smithson. Contr. Zool. 619: 54. ARGENTINA.
Holotype ♂: ARGENT.Salta Rio Juramento, 60km. S.

- Guemes, 18.X.68.Pena/ HOLOTYPE Masoniella flabella ♂ Foster & W.N. Mathis.
Paratypes: 4♂♂, 7♀♀, Argentina.
- Masoniella richardsi* Vockeroth, 1995, Proc. ent. Soc. Wash. 97: 732. USA.
Holotype ♂: Helendale, Cal. 18-V -1955 W. R. Richards/ Masoniella HOLOTYPE richardsi Vockeroth CNC No. 17083 Vockeroth.
Paratypes: 15♂♂, 12♀♀, California.
Remarks: This species was originally cited as a *nomen nudum* by Vockeroth (1987a: 1075).
- Masoniella spatulata* Foster & Mathis, 2003, Smithson. Contr. Zool. 619: 56. CHILE.
Holotype ♂: Chile Chico Lag. Buenos Aires Aysen, CHILE 24-31.XII. '60. Pena/ HOLOTYPE Masoniella spatulata ♂ Foster & W.N. Mathis.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Pelomyia crassiseta* Foster & Mathis, 2003, Smithson. Contr. Zool. 619: 44. CHILE.
Holotype ♂: Chile Chico Lag. Buenos Aires Aysen, CHILE 24-31.XII. '60. Pena/ HOLOTYPE Pelomyia ♂ crassiseta Foster & W.N. Mathis.
Paratypes: 9♂♂, 28♀♀, Chile.
- Pelomyia crassispina* Foster & Mathis, 2003, Smithson. Contr. Zool. 619: 46. ARGENTINA.
Holotype ♂: ARGENT.Jujuy La Quiaca 23.X.68.3500m. L.E.Pena/ HOLOTYPE Pelomyia ♂ crassispina Foster & W.N. Mathis.
Paratypes: 2♀♀, Argentina.
Remarks: Holotype abdomen is stored in glycerine in a plastic microvial pinned below specimen.
- Pelomyia dentata* Foster & Mathis, 2003, Smithson. Contr. Zool. 619: 24. ARGENTINA.
Holotype ♂: ARGENT.Jujuy La Quiaca 23.X.68.3500m. L.E.Pena/ HOLOTYPE Pelomyia dentata ♂ Foster & W.N. Mathis.
Remarks: Holotype abdomen is stored in glycerine in a glass microvial pinned below specimen. Right wing of holotype is glued to pin above pinned specimen.
- Pelomyia grisecoxa* Foster & Mathis, 2003, Smithson. Contr. Zool. 619: 47. CHILE.
Holotype ♂: El Coigo, Curico, CHILE. Jan. 1961 L.E.Pena./ HOLOTYPE Pelomyia grisecoxa ♂ Foster & W.N. Mathis.
Remarks: Holotype abdomen is stored in glycerine in a glass microvial pinned below specimen. Right wing of holotype is glued to pin above pinned specimen.
- Pelomyia nigritarsis* Foster & Mathis, 2003, Smithson. Contr. Zool. 619: 29. ARGENTINA.
Holotype ♂: ARGENT.Jujuy La Quiaca 23.X.68.3500m. L.E.Pena/ HOLOTYPE Pelomyia nigritarsis ♂ Foster & W.N. Mathis.
Paratypes: 11♂♂, 1♀, Argentina; 20♂♂, 16♀♀, Chile.
- Pelomyia robustiseta* Foster & Mathis, 2003, Smithson. Contr. Zool. 619: 31. ARGENTINA.
Holotype ♂: ARG.Juj.4100m. Coyaquayma. 7km. S.Mina Perquitas 4.XI.68.Pena/ HOLOTYPE Pelomyia robustiseta ♂ Foster & W.N. Mathis.
Paratype: 1♂, Chile.
Remarks: Holotype abdomen is stored in glycerine in a glass microvial pinned below specimen.
- Pelomyia vockerothi* Foster & Mathis, 2003, Smithson. Contr. Zool. 619: 35. ARGENTINA.
Holotype ♂: ARGENT.Jujuy Agua Caliente NE.Guemes,1100m. 18-19.X.68.Pena/ HOLOTYPE Pelomyia vockerothi ♂ Foster & W.N. Mathis.
Paratypes: 29♂♂, 29♀♀, Argentina.

THAUMALEIDAE

- Thaumalea anolo* Schmid, 1970, Naturaliste can. 97: 501. USA.
Holotype ♂: U.S.A. Ore. Marion Co. French Creek 18-VI-1965/ Arnaud & Boussy Dissection No. CNC No. 11.036/ HOLOTYPE CNCNo.11.306 Thaumalea anolo Schmid.
Remarks: Holotype abdomen is mounted on a microscope slide. This species was listed in an addendum in Cooper & Cumming (1993: 82).
- Thaumalea confragata* Arnaud & Boussy, 1994, Myia 5: 82. USA.
Holotype ♂: U.S.A., Ore. Linn Co. Lost Prairie 20-VI-1965 F. Schmid/ Arnaud & Boussy Dissection No. CNC 121./Holotype ♂ Thaumalea confragata Arnaud & Boussy 1993.
Allotype ♀: U.S.A., Wash. Yakima Co. American River 26-VI-1965 F. Schmid/ Arnaud & Boussy Dissection No. 18-IV-1973/ Allotype ♀ Thaumalea confragata Arnaud & Boussy 1993.
Remarks: Holotype and allotype have their abdomens stored on a microscope slide.
- Thaumalea schmidiana* Arnaud & Boussy, 1994, Myia 5: 116. USA.
Holotype ♂: U.S.A., Cal. Siskiyou Co. Klamath River 6-VI-1965 F. Schmid/ Arnaud & Boussy Dissection No CNC 106/ Holotype ♂ Thaumalea schmidiana Arnaud & Boussy 1993.
Allotype ♀ (slide): U.S.A., Cal. Siskiyou Co. Klamath River 6-VI-1965 F. Schmid/Arnaud & Boussy wing print, 1993/ Allotype ♀ Thaumalea schmidiana Arnaud & Boussy 1993/Arnaud & Boussy Dissection No. 10-V-1973.
Paratypes: 7♀♀, California.
Remarks: Holotype abdomen is stored on a microscope slide. Allotype is mounted on two separate microscope slides.
- Trichothaumalea elakalensis* Sinclair, 1992, Can. Ent. 124: 492. USA.
Holotype ♂: USA:W Va:Tucker Co. Davis, Blackwater Falls St. Pk. 31.V.-2.VI.1990 BJ Sinclair BS 909/ ex. cliff face seepage Falls of Elakala/ HOLOTYPE Trichothaumalea elakalensis Sinclair CNC No. 21245.
Allotype ♀: W. VA:Blackeater Falls St. Pk., 2.vi.1987

B.J. Sinclair (Elakala Falls) seepage, 17°C/
ALLOTYPE *Trichothaumalea elakalensis* Sinclair
CNC No. 21245.
Paratypes: 3♂♂, 6♀♀, West Virginia.

THEREVIDAE

- Amplisegmentum ecuadorensis* Webb, 2005, Zootaxa 1091: 4.
ECUADOR.
Holotype ♂: Bolivar, Chota R., Carchi, ECUADOR,
elev. 2000m., 10.V.65, L. Pena.
Paratypes: 2♂♂, Ecuador
Remarks: Type not yet deposited in the CNC. Label
data taken from published description.
- Coleiana nigricopis* Gaimari & Irwin, 2000, Zool. J. Linnean Soc.
129: 181. BRAZIL.
Holotype ♂: Nova Teutonia 27°11'S, 52°23'W Brazil,
300-500m. X-1966 Fritz Plaumann/ CNC/
THEREVIDAE M. E. Irwin Specimen # 28449/
HOLOTYPUS ♂ *Coleiana nigricopis* Gaimari et
Irwin.
Remarks: Holotype terminalia are stored in glycerine in
a plastic microvial pinned below specimen.
- Insulatitan romaynae* Metz & Irwin, 2000, Ann. ent. Soc. Am. 93:
995. BAHAMAS.
Holotype ♂: BAHAMAS IS. Man-O-War Cay
30.VIII.1971 H.&A.Howden/ THEREVIDAE M.
E. Irwin Specimen # 79660/ Holotype ♂
Insulatitan romaynae Metz and Irwin.
- Lindneria browni* Metz & Irwin, 2000, Ann. ent. Soc. Am. 93:
1009. BRAZIL.
Holotype ♂: Nova Teutonia 27°11'S. 52°23'W Brazil,
300-500m. I. 1966 Fritz Plaumann/
THEREVIDAE M. E. Irwin Specimen # 79677/
Holotype ♂ *Lindneria browni* Metz and Irwin.
Remarks: Holotype terminalia are stored in glycerine in
a plastic microvial pinned below specimen.
- Peralia vittata* Philippi, 1865, Verh. Zool.-Bot. Ges. Wien 15: 769.
CHILE.
Neotype ♂: Estero la Jaula, Curico, CHILE, I.1964, L.
Pena, Nothofagus.
Remarks: Neotype designation of *Peralia vittata*
Philippi in Webb (2006: 23). Type not yet
deposited in the CNC.
- Protothereva ecuadorensis* Webb in Webb & Metz, 2003, Zootaxa
234: 4. ECUADOR.
Holotype ♂: San Isidro, Carchi, ECUADOR elev. 2500
mm. 23.VI.65, L. Pena/ THEREVIDAE M. E.
Irwin 39726/ HOLOTYPUS *Protothereva*
ecuadorensis Webb.
Paratype: 1♂, Ecuador.

TIPULIDAE

Limonia albertensis Krzeminski & Teskey, 1987, Can. Ent. 119:
891. CANADA.

Holotype ♂ in amber: No 661B Holotype ♂ CNC
19080 *Dicranomyia albertensis* Krzeminski &
Teskey Family Limoniidae (Diptera) (in two
pieces) Canadian amber, Leg. J.F. McAlpine &
H.J. Teskey May, 1973 also: Hymenoptera
Scelionidae/ specimen 2 CAS 661 HJT picture of
wing (folded piece of white paper inside box).
Remarks: Presence of holotype in the CNC was not
recorded by Cooper (1991).

Macalpina incomparabilis Krzeminski & Teskey, 1987, Can. Ent.
119: 889. CANADA.

Holotype ♂ in amber: No. 661A Holotype ♂ CNC
19079 *Macalpina incomparabilis* Krzeminski &
Teskey Family Limoniidae (Diptera) Canadian
amber Leg: J.F.McAlpine & H.J. Teskey May,
1973/ CAS 661 Specimen 1 4mm. Tipulidae -
Limoniinae picture of wing (folded piece of white
paper inside box).
Remarks: Presence of holotype in the CNC was not
recorded by Cooper (1991).

Tipula crawfordi Alexander in Curran & Alexander, 1926, Can.
Ent. 58: 291.

Holotype ♂ in alcohol with ♀ allotype: Wrangel Is.,
Siberia Allen Crawford *Tipula crawfordi* Alex
Holotype = ♂ Allotype = ♀ / Tipula crawfordi
Alex. Wrangel Is., Siberia TYPES.
Allotype ♀: Same data as holotype.
Remarks: Holotype and allotype in very poor shape and
disarticulated. The single detached wing in the
vial belongs to the ♂ holotype as noted by Curran
in a footnote on page 293 of the original
description. Presence of holotype in the CNC was
not recorded by Cooper (1991).

Trichoneura (Trichoneura) canadensis Krzeminski & Teskey,
1987, Can. Ent. 119: 888. CANADA.

Holotype ♂ in amber: No. 1049 Holotype ♂ CNC
19078 *Trichoneura canadensis* Krzeminski &
Teskey Family Limoniidae (Diptera) Canadian
amber, Leg. J.F.McAlpine & H.J. Teskey May,
1973/ CAS 1049 3mm. long Tipulidae -
Limoniinae HJT picture of wing (folded piece of
white paper inside box).
Remarks: Presence of holotype in the CNC was not
recorded by Cooper (1991).

Nephrotoma lundbecki alexanderi Oosterbroek & Tangelder, 1987,
Can. Ent. 119: 49. CANADA.

Holotype ♂: Winnipeg Man. 25.VII. 22 J.B. Wallis/
Nephrotoma lundbecki (Nielsen) Det. F. Brodo
1972/ HOLOTYPUS *Nephrotoma lundbecki* ssp.
alexanderi Oosterbr. & Tang. 1987.
Paratypes: 2♂♂, Manitoba.
Remarks: Holotype abdomen and right wing are glued
to paper points below the specimen. All legs are
missing from holotype. Presence of holotype in
the CNC was not recorded by Cooper (1991).

XYLOPHAGIDAE

Xylophagus durango Woodley, 1994, Proc. ent. Soc. Wash. 96:

308. MEXICO.

Holotype ♂ in amber (slide): HOLOTYPE *Leptoconops primaevus* Borkent ♂ CNC # 22067 nr. Medicine Hat, Alta. 1973 P. Boston A-1 CAS 792.

Allotype ♀ in amber (slide): ALLOTYPE *Leptoconops primaevus* Borkent ♀ CNC # 22067 nr. Medicine Hat, Alta. May, 1973 McAlpine : Teskey AG-6 CAS 733.

Paratypes in amber: 5 ♀♀ (slides), Alberta.

UNPLACED TO FAMILY

Cretaphormia fowleri McAlpine, 1970, Can. Ent. 102: 345.
CANADA.

Holotype (fossiliferous puparia): HOLOTYPE *Cretaphormia fowleri* McAlpine, 1969 CNC # 12671/ 817 [underside of fossil].

Paratypes: 3 (fossiliferous puparia), Alberta.

Remarks: The rock fragment containing the fossil puparia is ironstone from the Edmonton formation (Upper Cretaceous) and was discovered by Mr. Fowler in 1939 near Drumheller, Alberta (E½ Sect. 1, twp. 29, range 20, west of 4th Meridian). Puparium C was designated as holotype and puparia A, B and D as paratypes. These type specimens were deposited in CNC, contrary to the depository cited in the original description. Presence of holotype in the CNC was overlooked by Cooper & Cumming (2000). The fossil species was originally described in the Calliphoridae, but has an uncertain family placement (see Grimaldi & Cumming 1999: 117).

Mallochianamyia cladostyla Wheeler, 2000a, Insect Syst. Evol. 31: 212. CHILE.

Holotype ♂: El Coigual, Curico, CHILE, 20-26.I.64. Peña/ HOLOTYPE *Mallochianamyia cladostyla* Wheeler.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Mallochianamyia fenestrata Wheeler, 2000a, Insect Syst. Evol. 31: 213. CHILE.

Holotype ♂: Puerto Aysen, Aysen, CHILE, 24-26.I.61 / L.E. Peña./ HOLOTYPE *Mallochianamyia fenestrata* Wheeler.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Mallochianamyia flavitibia Wheeler, 2000a, Insect Syst. Evol. 31: 214. CHILE.

Holotype ♂: Rio Blanco, Malleco, CHILE, 30.I.1959 L. Peña. 1050m/ HOLOTYPE *Mallochianamyia flavitibia* Wheeler.

Paratypes: 3 ♀♀, Chile.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Mallochianamyia furcata Wheeler, 2000a, Insect Syst. Evol. 31: 215. CHILE.

Holotype ♂: Bosque de los Conservadores, Graneros, 1100m., O'Higgins, CHILE, 1-4.III.62. Peña/

HOLOTYPE *Mallochianamyia furcata* Wheeler.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Mallochianamyia gallina Wheeler, 2000a, Insect Syst. Evol. 31: 216. CHILE.

Holotype ♂: CHILE: Pato de Gallina, 10-25.i.1993, P. Salinas, ex. yellow pan traps/ HOLOTYPE *Mallochianamyia gallina* Wheeler.

Paratypes: 1 ♂, 2 ♀♀, Chile.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Mallochianamyia latigena Wheeler, 2000a, Insect Syst. Evol. 31: 217. CHILE.

Holotype ♂: Rio Blanco, Malleco, CHILE, 30.I.1959 L. Peña. 1050m./ HOLOTYPE *Mallochianamyia latigena* Wheeler.

Paratypes: 3 ♂♂, 1 ♀, Chile.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Mallochianamyia magnipalpis Wheeler, 2000a, Insect Syst. Evol. 31: 218. CHILE.

Holotype ♂: CHILE: Pata de Gallina, 10-25.i.1993, P. Salinas, ex. yellow pan traps/ HOLOTYPE *Mallochianamyia magnipalpis* Wheeler.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Mallochianamyia penai Wheeler, 2000a, Insect Syst. Evol. 31: 219. CHILE.

Holotype ♂: Puerto Aysen, Aysen, CHILE, 24-26.I.61/ L.E. Peña./ HOLOTYPE *Mallochianamyia penai* Wheeler.

Paratype: 1 ♂, Chile.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Mallochianamyia setosa Wheeler, 2000a, Insect Syst. Evol. 31: 220. CHILE.

Holotype ♂: Rucanuco, Malleco, CHILE, 11.I.1959, L. Peña/ HOLOTYPE *Mallochianamyia setosa* Wheeler.

Paratypes: 2 ♂♂, 1 ♀, Chile.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

Mallochianamyia truncata Wheeler, 2000a, Insect Syst. Evol. 31: 221. CHILE.

Holotype ♂: Pichinahuel, Cord. Nahuelbuta, Arauco, CHILE, 16.II.1956 L. Peña/ HOLOTYPE *Mallochianamyia truncata* Wheeler.

Remarks: Holotype terminalia are stored in glycerine in a plastic microvial pinned below specimen.

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INDEX

<i>abditus</i> Hurley, <i>Scellus</i>	17	<i>atrigigas</i> Fitzgerald, <i>Bibio</i>	6
<i>abstrusus</i> Borkent & Grogan, <i>Ceratopogon</i>	9	<i>auratilis</i> Reinhard, <i>Belvosia</i>	31
<i>acanthostylus</i> Skevington, <i>Nephrocerus</i>	25	<i>auriceps</i> O'Hara, <i>Chrysotachina</i>	32
<i>acicularis</i> Griffiths, <i>Egle</i>	3	<i>baerti</i> Bickel & Sinclair, <i>Chrysotus</i>	16
<i>adunca</i> Borkent, <i>Dicerura</i>	7	<i>baezensis</i> Wheeler, <i>Rachispoda</i>	28
<i>adunca</i> Boucher, <i>Cerodontha</i>	2	<i>baptipalpis</i> Wheeler & Forrest, <i>Liohippelates</i>	14
<i>aduncus</i> Savage, <i>Thricops</i>	23	<i>basilicus</i> Skevington, <i>Pipunculus</i>	25
<i>advena</i> Foster & Mathis, <i>Masoniella</i>	34	<i>beckeri</i> Naglis, <i>Viridigona</i>	17
<i>aeiparthenus</i> Bilyj & Davies, <i>Cladotanytarsus</i>	12	<i>bennetti</i> Camras, <i>Physocephala</i>	15
<i>agilis</i> Sinclair, <i>Trichoclinocera</i>	21	<i>bennetti</i> Gaimari & Tanasijtshuk, <i>Echinoleucopis</i>	11
<i>aglaia</i> Tanasijtshuk, <i>Leucopis</i>	12	<i>bialba</i> Marshall, <i>Anomioptera</i>	27
<i>albertensis</i> Krzeminski & Teskey, <i>Limonia</i>	36	<i>bickeli</i> Naglis, <i>Argentina</i>	15
<i>albisigna</i> Naglis, <i>Viridigona</i>	17	<i>bicolor</i> Pollet, <i>Achalculus</i>	15
<i>albitarsis</i> Kassebeer, <i>Chasmomma</i>	30	<i>bifasciata</i> Han & Norrbom, <i>Trypeta</i>	34
<i>alces</i> Wheeler, <i>Rachispoda</i>	28	<i>bisetosa</i> Naglis, <i>Viridigona</i>	17
<i>alexanderi</i> Oosterbroek & Tangelder, <i>Nephrotoma</i>		<i>bispinosa</i> Barraclough & Wheeler, <i>Afrocamilla</i>	7
<i>lundbecki</i>	36	<i>bistylata</i> Sasakawa, <i>Homoneura</i>	22
<i>alpina</i> Sinclair & Saigusa, <i>Ragas</i>	20	<i>blattarius</i> O'Hara, <i>Exoristoides</i>	32
<i>altimontana</i> Wheeler, <i>Rachispoda</i>	28	<i>boliviana</i> Ale-Rocha, <i>Chvalaea</i>	21
<i>alyscus</i> Wheeler & Forrest, <i>Hippelates</i>	14	<i>boliviana</i> Fitzgerald, <i>Plecia</i>	6
<i>amarilla</i> Wheeler, <i>Rachispoda</i>	28	<i>borealis</i> Borkent, <i>Serromyia</i>	11
<i>ambidextra</i> Grimaldi & Nguyen, <i>Cladochaeta</i>	18	<i>borkenti</i> Wirth, <i>Atrichopogon</i>	8
<i>ampliatius</i> Scarbrough, <i>Ommatius</i>	5	<i>boyesi</i> Kassebeer, <i>Paragus</i>	31
<i>anaclasta</i> Wheeler & Forrest, <i>Olcella</i>	14	<i>brevicera</i> Ackland & Griffiths, <i>Anthomyia</i>	2
<i>anfractus</i> Brown, <i>Apocephalus</i>	24	<i>brevicornis</i> Pollet, <i>Achalculus</i>	15
<i>angustala</i> Gagné, <i>Cretowinnertzia</i>	7	<i>brevirostre</i> Griffiths, <i>Lasiomma</i>	3
<i>angustata</i> Brown, <i>Cootiphora</i>	25	<i>brevistylus</i> Marshall & Langstaff, <i>Opacifrons</i>	28
<i>ankophalla</i> Tanasijtshuk, <i>Leucopis</i>	12	<i>browni</i> Metz & Irwin, <i>Lindneria</i>	36
<i>annettae</i> Borkent & Grogan, <i>Ceratopogon</i>	9	<i>brunnipes</i> Brown, <i>Apocephalus</i>	24
<i>annettae</i> Spinelli & Borkent, <i>Culicoides</i>	10	<i>bullus</i> Borkent, <i>Culicoides</i>	10
<i>anolo</i> Schmid, <i>Thaumalea</i>	35	<i>bursericola</i> Bickel & Sinclair, <i>Asyndetus</i>	15
<i>ansata</i> Reinhard, <i>Belvosia</i>	31	<i>caesia</i> Wheeler, <i>Rachispoda</i>	29
<i>aotearoa</i> Bickel, <i>Syntormon</i>	17	<i>californicus</i> Pollet & Cumming, <i>Achalculus</i>	15
<i>apache</i> Woodley, <i>Pararchytas</i>	34	<i>californiensis</i> Han & Norrbom, <i>Trypeta</i>	34
<i>apicalis</i> Kassebeer, <i>Paragus</i>	31	<i>campania</i> Grimaldi & Cumming, <i>Nemedromia</i>	6
<i>apicalis</i> Sinclair, <i>Wiedemannia</i>	21	<i>campestris</i> Cumming, <i>Stilpon</i>	21
<i>appendiculatus</i> Ekrem, Sublette & Sublette,		<i>canadensis</i> Curran, <i>Belvosia</i>	31
<i>Tanytarsus</i>	14	<i>canadensis</i> Krzeminski & Teskey, <i>Trichoneura</i>	36
<i>archiptera</i> Marshall, <i>Limomyza</i>	27	<i>canadensis</i> Wheeler, <i>Rachispoda</i>	29
<i>arctophila</i> Griffiths, <i>Egle</i>	3	<i>canella</i> Barták, <i>Rhamphomyia</i>	20
<i>arenatus</i> Borkent, <i>Heleageron</i>	10	<i>canescens</i> Naglis, <i>Bickelomyia</i>	16
<i>argentiniensis</i> Marshall, <i>Palaeocoprina</i>	28	<i>capensis</i> Villeneuve, <i>Chauliooestrus</i>	26
<i>aridus</i> Scarbrough, <i>Ommatius</i>	5	<i>carbonarius</i> Scarbrough & Marascia, <i>Ommatius</i>	5
<i>arizona</i> Barraclough & Wheeler, <i>Afrocamilla</i>	7	<i>carnatus</i> Borkent & Picado, <i>Atrichopogon</i>	8
<i>armigera</i> Vilkamaa & Hippa, <i>Corynoptera</i>	26	<i>carpiensis</i> Borkent, <i>Dicerura</i>	7
<i>asaroticus</i> Hurley, <i>Scellus</i>	17	<i>cavernicola</i> Marshall, <i>Limomyza</i>	27
<i>askophalla</i> Tanasijtshuk, <i>Leucopis</i>	12	<i>ceratophora</i> Griffiths, <i>Anthomyia</i>	2
<i>astragala</i> Barták, <i>Rhamphomyia</i>	20	<i>cesta</i> Wheeler, <i>Rachispoda</i>	29
<i>ater</i> Meigen, <i>Ceratopogon</i>	9	<i>characterophalla</i> Tanasijtshuk, <i>Leucopis</i>	12
<i>atlanticum</i> Griffiths, <i>Lasiomma</i>	3	<i>chiapasensis</i> Han & Norrbom, <i>Trypeta</i>	34

<i>chilensis</i> Naglis, <i>Paracoelognathus</i>	17	<i>elevatus</i> Borkent & Grogan, <i>Ceratopogon</i>	9
<i>chillcotti</i> Cumming, <i>Stilpon</i>	22	<i>empheres</i> Buck, <i>Inbiomyia</i>	22
<i>chillcotti</i> Tanasijtshuk, <i>Leucopis</i>	12	<i>empheria</i> Wheeler & Forrest, <i>Conioscinella</i>	14
<i>chrimalydia</i> Borkent, <i>Peronehelea</i>	11	<i>equiseta</i> Marshall, <i>Palaeocoprina</i>	28
<i>christopheri</i> Borkent, <i>Baodasomyia</i>	9	<i>erecta</i> Grimaldi & Nguyen, <i>Cladochaeta</i>	18
<i>chrysopleura</i> MacDonald & Turner, <i>Neoplasta</i>	19	<i>eremnos</i> Caloren & Marshall, <i>Clusiodes</i>	14
<i>circinata</i> MacDonald, <i>Chelifera</i>	19	<i>excellens</i> Borkent, <i>Dasyhelea</i>	10
<i>cladostyla</i> Wheeler, <i>Mallochianomyia</i>	37	<i>falcata</i> Ackland & Griffiths, <i>Egle</i>	3
<i>clefta</i> Marshall, <i>Palaeoceroptera</i>	28	<i>falcata</i> Sinclair, <i>Trichoclinocera</i>	21
<i>colombiensis</i> Marshall, <i>Palaeocoprina</i>	28	<i>fasciata</i> Forrest & Wheeler, <i>Loewimyia</i>	5
<i>colossus</i> Borkent & Picado, <i>Atrichopogon</i>	8	<i>fenestrata</i> Wheeler, <i>Mallochianomyia</i>	37
<i>columbiana</i> Griffiths, <i>Strobilomyia</i>	4	<i>ferejunctus</i> Gagné, <i>Cretomiaster</i>	7
<i>comosus</i> Scarbrough & Marascia, <i>Ommatius</i>	5	<i>flabella</i> Foster & Mathis, <i>Masoniella</i>	34
<i>condyla</i> Wheeler, <i>Rachispoda</i>	29	<i>flavicaudalis</i> O'Hara, <i>Ostracophyto</i>	34
<i>confracta</i> Arnaud & Boussy, <i>Thaumalea</i>	35	<i>flavifasciata</i> Han & Norrbom, <i>Trypeta</i>	34
<i>contracta</i> Barták, <i>Rhamphomyia</i>	20	<i>flavipalpis</i> Reinhard, <i>Anetia</i>	31
<i>cooperi</i> Borkent, <i>Dicerura</i>	7	<i>flavipes</i> Gimmerthal, <i>Ceratopogon</i>	9
<i>corpulentus</i> Skevington, <i>Nephrocerus</i>	25	<i>flaviseta</i> Naglis, <i>Bickelomyia</i>	16
<i>crassiseta</i> Foster & Mathis, <i>Pelomyia</i>	35	<i>flavitibia</i> Wheeler, <i>Mallochianomyia</i>	37
<i>crassiseta</i> Foster & Mathis, <i>Pelomyia</i>	35	<i>flexiventris</i> Griffiths, <i>Strobilomyia</i>	4
<i>crawfordi</i> Alexander, <i>Tipula</i>	36	<i>foersteri</i> Meigen, <i>Ceratopogon</i>	9
<i>cristerverpa</i> O'Hara, <i>Lypha</i>	33	<i>forficula</i> Wheeler, <i>Rachispoda</i>	29
<i>cryptistyla</i> Wheeler, <i>Rachispoda</i>	29	<i>fowleri</i> McAlpine, <i>Cretaphormia</i>	37
<i>ctenistes</i> Cumming, <i>Stilpon</i>	22	<i>fulvo-testacea</i> Villeneuve, <i>Myiocera</i>	33
<i>cultrata</i> Wheeler & Forrest, <i>Elachiptera</i>	14	<i>furcata</i> Wheeler, <i>Mallochianomyia</i>	37
<i>cummingi</i> Barták, <i>Rhamphomyia</i>	20	<i>fusifformis</i> Bilyj & Davies, <i>Cladotanytarsus</i>	13
<i>cummingi</i> Pollet, <i>Australachalcus</i>	15	<i>galapagensis</i> Bickel & Sinclair, <i>Medetera</i>	17
<i>cummingi</i> Sinclair, <i>Trichoclinocera</i>	21	<i>galapagensis</i> Jaschhof, <i>Peromyia</i>	8
<i>cuneicerca</i> Griffiths, <i>Anthomyia</i>	2	<i>gallina</i> Wheeler, <i>Mallochianomyia</i>	37
<i>curva</i> Borkent, <i>Dicerura</i>	7	<i>gelida</i> Kieffer, <i>Serromyia</i>	11
<i>dasycoxa</i> Sinclair, <i>Trichoclinocera</i>	21	<i>geminata</i> Oliver & Dillon, <i>Micropsectra</i>	13
<i>dasyophthalma</i> Villeneuve, <i>Catapicephala</i>	7	<i>geniaetes</i> Wheeler, <i>Rachispoda</i>	29
<i>daviesi</i> Bilyj & Davies, <i>Cladotanytarsus</i>	13	<i>gethosyne</i> Wheeler & Forrest, <i>Gaurax</i>	14
<i>dentata</i> Foster & Mathis, <i>Pelomyia</i>	35	<i>glabra</i> Borkent, <i>Adelohelea</i>	8
<i>depilis</i> Bickel & Sinclair, <i>Amblypsilopus</i>	15	<i>glabrifrons</i> Perusse & Wheeler, <i>Lauxania</i>	22
<i>deyrupi</i> MacDonald & Turner, <i>Neoplasta</i>	19	<i>glans</i> Grimaldi & Nguyen, <i>Cladochaeta</i>	18
<i>dianae</i> Savage, <i>Thricops</i>	23	<i>gnoma</i> O'Hara, <i>Nigrilypha</i>	33
<i>dichoptica</i> Griffiths, <i>Anthomyia</i>	2	<i>gracilis</i> Brown, <i>Apocephalus</i>	24
<i>digitata</i> Griffiths, <i>Phorbia</i>	4	<i>granditibialis</i> Borkent & Picado, <i>Atrichopogon</i>	8
<i>digna</i> Borkent, <i>Dasyhelea</i>	10	<i>grisecoxa</i> Foster & Mathis, <i>Pelomyia</i>	35
<i>dilaticosta</i> Runyon & Hurley, <i>Nepalomyia</i>	17	<i>hammondi</i> Brooks, <i>Pararchytas</i>	34
<i>diplomutata</i> Currie & Hunter, <i>Stegopterna</i>	27	<i>harpa</i> Spinelli & Borkent, <i>Forcipomyia</i>	10
<i>disconnecta</i> Barták, <i>Rhamphomyia</i>	20	<i>harperi</i> Ekrem, Sublette & Sublette, <i>Tanytarsus</i>	14
<i>dominicana</i> Solórzano Kraemer, Sinclair & Cumming, <i>Chersodromia</i>	21	<i>hastatus</i> Skevington, <i>Pipunculus</i>	25
<i>dumbea</i> Bickel, <i>Lapita</i>	16	<i>helenae</i> Forrest & Wheeler, <i>Loewimyia</i>	5
<i>durango</i> Woodley, <i>Xylophagus</i>	36	<i>helvum</i> Roháček & Barber, <i>Stiphrosoma</i>	5
<i>dyscrita</i> Griffiths, <i>Oxyphorbia</i>	4	<i>hermani</i> Spinelli & Borkent, <i>Culicoides</i>	10
<i>ecuadorensis</i> Webb, <i>Amplisegmentum</i>	36	<i>hermanni</i> Tanasijtshuk, <i>Leucopis</i>	12
<i>ecuadorensis</i> Webb, <i>Protothereva</i>	36	<i>hirta</i> Marshall, <i>Limomyza</i>	27
<i>elaensis</i> Bilyj & Davies, <i>Cladotanytarsus</i>	13	<i>hirtella</i> Griffiths, <i>Phorbia</i>	4
<i>elakalensis</i> Sinclair, <i>Trichothaumalea</i>	35	<i>holoptica</i> Griffiths, <i>Chirosia</i>	2
<i>elephas</i> Väisänen, <i>Mycomya</i>	23	<i>hucketti</i> Griffiths, <i>Hydrophoria</i>	3
		<i>ikar</i> Väisänen, <i>Mycomya</i>	24

<i>incisicornis</i> Pollet, <i>Australachalcus</i>	15	<i>mcalpinei</i> Gagné, <i>Cretocatocha</i>	7
<i>incomparabilis</i> Krzeminski & Teskey, <i>Macalpina</i>	36	<i>merga</i> Wheeler, <i>Rachispoda</i>	29
<i>inermipes</i> Kieffer, <i>Serromyia</i>	11	<i>meringoterga</i> Wheeler, <i>Rachispoda</i>	29
<i>inflata</i> Boucher, <i>Cerodontha</i>	2	<i>merzi</i> Naglis, <i>Viridigona</i>	18
<i>infrequens</i> O'Hara, <i>Chrysotachina</i>	32	<i>mexicana</i> Michelsen, <i>Coenosopsia</i>	3
<i>inopinata</i> Reiss, <i>Skutzia</i>	13	<i>mexicana</i> Wheeler, <i>Rachispoda</i>	29
<i>intermontana</i> Griffiths, <i>Strobilomyia</i>	5	<i>mexinversa</i> Grimaldi & Nguyen, <i>Cladochaeta</i>	18
<i>inverecundus</i> Borkent & Grogan, <i>Ceratopogon</i>	9	<i>michaeli</i> Borkent, <i>Baeodasymyia</i>	9
<i>isla</i> Couri, <i>Philornis</i>	23	<i>micrepelis</i> Brown, <i>Apocephalus</i>	24
<i>jamaica</i> Pape & Arnaud, <i>Bezzimyia</i>	26	<i>micromorphoides</i> Pollet, <i>Achalcus</i>	15
<i>justini</i> Wheeler, <i>Rachispoda</i>	29	<i>miltoparia</i> Griffiths, <i>Leucophora</i>	4
<i>keokeo</i> Evenhuis, <i>Campsicnemus</i>	16	<i>minor</i> Roháček & Barber, <i>Stiphrosoma</i>	5
<i>kinetrolicros</i> Caloren & Marshall, <i>Clusiodes</i>	14	<i>minor</i> Villeneuve, <i>Gymnostylia</i>	33
<i>kowarzi</i> Villeneuve, <i>Carcelia</i>	32	<i>minuscula</i> Griffiths, <i>Phorbia</i>	4
<i>latifrons</i> Tothill, <i>Fabriciella</i>	33	<i>miribilis</i> Barraclough, <i>Nepalisetia</i>	15
<i>latigena</i> Wheeler, <i>Mallochianomyia</i>	37	<i>montana</i> Säwedal, <i>Micropsectra</i>	13
<i>latilobata</i> Barták, <i>Rhamphomyia</i>	20	<i>montebello</i> Naglis, <i>Neurigona</i>	17
<i>latipennis</i> Pollet, <i>Australachalcus</i>	16	<i>morio</i> Fabricius, <i>Culex</i>	10
<i>latiscaura</i> Barták, <i>Rhamphomyia</i>	20	<i>multidenta</i> MacDonald, <i>Chelifera</i>	19
<i>ledicola</i> Kieffer, <i>Serromyia</i>	11	<i>multisetosus</i> Borkent & Grogan, <i>Ceratopogon</i>	9
<i>leptotarsus</i> Brown, <i>Apocephalus</i>	24	<i>munroei</i> Sinclair & Saigusa, <i>Ragas</i>	20
<i>ligata</i> MacDonald, <i>Hemerodromia</i>	19	<i>muricatus</i> Bilyj & Davies, <i>Cladotanytarsus</i>	13
<i>limitaria</i> MacDonald, <i>Chelipoda</i>	19	<i>muscaoides</i> Zielke, <i>Morellia</i>	23
<i>limitaris</i> Cumming, <i>Stilpon</i>	22	<i>mystaca</i> Grimaldi & Nguyen, <i>Cladochaeta</i>	18
<i>litigata</i> Bonduriansky, <i>Protopiophila</i>	25	<i>mystacinus</i> Bickel & Sinclair, <i>Asyndetus</i>	15
<i>loba</i> Borkent, <i>Dicerura</i>	7	<i>naponica</i> Marinoni & Steyskal, <i>Thecomyia</i>	26
<i>loba</i> MacDonald, <i>Hemerodromia</i>	19	<i>nearctica</i> Vockeroth, <i>Huckettia</i>	26
<i>loma</i> Wheeler & Forrest, <i>Diptotoxa</i>	14	<i>nemopanthi</i> Griffiths & Piercey, <i>Phytomyza</i>	2
<i>longicalcis</i> Saether, <i>Aagaardia</i>	12	<i>neoliturata</i> Griffiths, <i>Anthomyia</i>	2
<i>longicauda</i> Sinclair & Saigusa, <i>Ragas</i>	20	<i>nepalensis</i> Bechev, <i>Anaclileia</i>	23
<i>longicercus</i> Pollet, <i>Achalcus</i>	15	<i>nepalensis</i> Säwedal, <i>Micropsectra</i>	13
<i>longicornis</i> Naglis, <i>Viridigona</i>	17	<i>nepalensis</i> Sinclair & Saigusa, <i>Trichoclinocera</i>	21
<i>longilingua</i> Villeneuve, <i>Myiocera</i>	33	<i>nigra</i> Marshall, <i>Archileptocera</i>	27
<i>longinotum</i> Marshall, <i>Palaeocoprina</i>	28	<i>nigricopis</i> Gaimari & Irwin, <i>Coleiana</i>	36
<i>longiparameria</i> Sasakawa, <i>Homoneura</i>	22	<i>nigripalpis</i> Savage & Wheeler, <i>Cetema</i>	14
<i>longipennis</i> O'Hara, <i>Chrysotachina</i>	32	<i>nigriseta</i> Naglis, <i>Bickelomyia</i>	16
<i>longiseta</i> Naglis, <i>Viridigona</i>	18	<i>nigritarsis</i> Foster & Mathis, <i>Pelomyia</i>	35
<i>lucaris</i> Wheeler, <i>Rachispoda</i>	29	<i>nigrolinea</i> Gaimari & Tanasijtshuk, <i>Echinoleucopis</i>	12
<i>luciana</i> Wheeler, <i>Rachispoda</i>	29	<i>nodulosa</i> Griffiths, <i>Anthomyia</i>	2
<i>luisi</i> Wheeler, <i>Rachispoda</i>	29	<i>nodus</i> Skevington, <i>Pipunculus</i>	25
<i>lutea</i> Marshall, <i>Archileptocera</i>	27	<i>nootkatensis</i> Gagne & Duncan, <i>Chamaediplosis</i>	7
<i>lydiae</i> Borkent, <i>Baeodasymyia</i>	9	<i>nudicolis</i> Borkent, <i>Serromyia</i>	11
<i>macula</i> Gaimari & Tanasijtshuk, <i>Echinoleucopis</i>	11	<i>nudipennis</i> Kieffer, <i>Serromyia</i>	11
<i>magnicauda</i> Naglis, <i>Macroductylomyia</i>	16	<i>obscurata</i> Naglis, <i>Neurigona</i>	17
<i>magnifica</i> Naglis, <i>Viridigona</i>	18	<i>obscurum</i> Zaitzev, <i>Dynatosoma</i>	23
<i>magnipalpis</i> Wheeler, <i>Mallochianomyia</i>	37	<i>obunca</i> Marshall & Langstaff, <i>Opacifrons</i>	28
<i>malaisei</i> Sun, <i>Phasia</i>	34	<i>oreadis</i> Wheeler, <i>Rachispoda</i>	29
<i>mammulus</i> Borkent & Grogan, <i>Ceratopogon</i>	9	<i>oreonanus</i> Fitzgerald, <i>Bibio</i>	6
<i>manensis</i> Kassebeer, <i>Paragus</i>	31	<i>orestes</i> Pape & Arnaud, <i>Bezzimyia</i>	26
<i>maritimus</i> Skevington, <i>Pipunculus</i>	25	<i>orientalis</i> Sasakawa, <i>Prosopomyia</i>	23
<i>martini</i> Ekrem, Sublette & Sublette, <i>Tanytarsus</i>	14	<i>ostia</i> Grimaldi & Nguyen, <i>Cladochaeta</i>	18
<i>masneri</i> Marshall, <i>Palaeocoprina</i>	28	<i>ottawana</i> Griffiths, <i>Anthomyia</i>	2
<i>matamorosa</i> Reinhard, <i>Belvosia</i>	31	<i>ozarkensis</i> Sinclair, <i>Trichoclinocera</i>	21

<i>parabisecta</i> Marshall & Langstaff, <i>Opacifrons</i>	28	<i>rhytmica</i> Barták, <i>Rhamphomyia</i>	20
<i>paramegorchis</i> MacDonald & Turner, <i>Neoplasta</i>	20	<i>richardsi</i> Vockeroth, <i>Masoniella</i>	35
<i>parcepilosa</i> Villeneuve, <i>Chortophila</i>	3	<i>rivalis</i> Barták, <i>Rhamphomyia</i>	20
<i>patrita</i> Reinhard, <i>Doryphorophaga</i>	32	<i>robustior</i> Vilkkamaa & Hippa, <i>Corynoptera</i>	26
<i>pe</i> Evenhuis, <i>Campsicnemus</i>	16	<i>robustiseta</i> Foster & Mathis, <i>Pelomyia</i>	35
<i>pectinifemur</i> Sinclair, <i>Trichoclinocera</i>	21	<i>robustus</i> Pollet, <i>Australachalcus</i>	16
<i>pectinifera</i> Hippa & Vilkkamaa, <i>Prosciara</i>	26	<i>romaynae</i> Metz & Irwin, <i>Insulatitan</i>	36
<i>pegomyioides</i> Richter & Wood, <i>Macquartia</i>	33	<i>rothfelsi</i> Adler, Brockhouse & Currie, <i>Simulium</i>	27
<i>pellucida</i> Fitzgerald, <i>Plecia</i>	6	<i>rotundatum</i> Zaitzev, <i>Dynatosoma</i>	23
<i>penai</i> Wheeler, <i>Mallochianomyia</i>	37	<i>rotundogena</i> Tanasijtshuk, <i>Leucopis</i>	12
<i>pendens</i> Barták, <i>Rhamphomyia</i>	20	<i>rupestris</i> Sinclair, <i>Trichoclinocera</i>	21
<i>pentacanta</i> Hippa & Vilkkamaa, <i>Prosciara</i>	26	<i>sabroskyi</i> O'Hara, <i>Exoristoides</i>	32
<i>pernecessarius</i> Scarbrough, <i>Ommatius</i>	5	<i>sabulosum</i> Forrest & Wheeler, <i>Astiosoma</i>	5
<i>peruviana</i> , Michelsen, <i>Coenosopsia</i>	3	<i>sagax</i> Townsend, <i>Gonia</i>	32
<i>philoisos</i> Tanasijtshuk, <i>Leucopis</i>	12	<i>scabifer</i> Buck & Marshall, <i>Ischiolepta</i>	27
<i>picadae</i> Spinelli & Borkent, <i>Culicoides</i>	10	<i>schlingeri</i> Tanasijtshuk, <i>Leucopis</i>	12
<i>pinnaticornis</i> Bilyj & Davies, <i>Cladotanytarsus</i>	13	<i>schmidiana</i> Arnaud & Boussy, <i>Thaumalea</i>	35
<i>pisinna</i> Marshall, <i>Palaeocoprina</i>	28	<i>setipyga</i> Naglis, <i>Bickelomyia</i>	16
<i>pityina</i> Griffiths, <i>Phorbia</i>	4	<i>setosa</i> Wheeler, <i>Mallochianomyia</i>	37
<i>platina</i> Pape & Arnaud, <i>Bezzimyia</i>	26	<i>setosilateralis</i> Borkent & Picado, <i>Atrichopogon</i>	8
<i>platyptera</i> Griffiths, <i>Chirosia</i>	3	<i>setosus</i> Pollet, <i>Australachalcus</i>	16
<i>platystylus</i> Skevington, <i>Pipunculus</i>	25	<i>sharkeyi</i> Marshall, <i>Limomyza</i>	27
<i>plumbea</i> Richter & Wood, <i>Macquartia</i>	33	<i>shewelli</i> Sasakawa, <i>Homoneura</i>	22
<i>polyankistrion</i> Buck & Marshall, <i>Ischiolepta</i>	27	<i>siberica</i> Sun, <i>Phasia</i>	34
<i>polychaeta</i> Griffiths, <i>Egle</i>	3	<i>sinclairi</i> Borkent, <i>Dasyhelea</i>	10
<i>ponti</i> Naglis, <i>Viridigona</i>	18	<i>sinclairi</i> Jaschhof, <i>Insulestremia</i>	8
<i>popocatepetlensis</i> Griffiths, <i>Paregle</i>	4	<i>sinclairi</i> MacDonald, <i>Hemerodromia</i>	19
<i>praealta</i> Wheeler, <i>Rachispoda</i>	30	<i>sinclairi</i> Wheeler, <i>Meoneura</i>	7
<i>praecipua</i> Barták, <i>Rhamphomyia</i>	20	<i>sinuatus</i> Scarbrough & Marascia, <i>Ommatius</i>	5
<i>primaevus</i> Borkent, <i>Leptoconops</i>	10	<i>sororium</i> Roháček & Barber, <i>Stiphrosoma</i>	5
<i>pristina</i> McAlpine, <i>Cretonomyia</i>	22	<i>spatulata</i> Foster & Mathis, <i>Masoniella</i>	35
<i>pristinus</i> Brown, <i>Apocephalus</i>	24	<i>spatulata</i> Wheeler, <i>Rachispoda</i>	30
<i>prolatus</i> Brown, <i>Apocephalus</i>	24	<i>spectabilis</i> Grimaldi & Nguyen, <i>Cladochaeta</i>	18
<i>propleurale</i> Griffiths, <i>Lasiomma</i>	4	<i>spinus</i> Borkent & Picado, <i>Atrichopogon</i>	8
<i>protea</i> Fitzgerald, <i>Plecia</i>	6	<i>splendens</i> Curran, <i>Belvosia</i>	31
<i>protuberans</i> Griffiths, <i>Egle</i>	3	<i>stephensoni</i> Peterson, <i>Coniceromyia</i>	24
<i>pseudobanksi</i> Naglis, <i>Neurigona</i>	17	<i>striata</i> Griffiths, <i>Phorbia</i>	4
<i>pseudorobustus</i> Pollet, <i>Australachalcus</i>	16	<i>subacuta</i> Barták, <i>Rhamphomyia</i>	20
<i>pseudosteini</i> Griffiths, <i>Egle</i>	3	<i>subcanescens</i> Naglis, <i>Bickelomyia</i>	16
<i>pubiantennalis</i> Borkent & Grogan, <i>Ceratopogon</i>	10	<i>subchelata</i> MacDonald, <i>Hemerodromia</i>	19
<i>pumilis</i> Borkent, <i>Minyohelea</i>	10	<i>subletteorum</i> Cranston, <i>Orthocladus</i>	13
<i>purulha</i> Naglis, <i>Neurigona</i>	17	<i>subnervosa</i> Naglis, <i>Neurigona</i>	17
<i>pusilla</i> Reinhard, <i>Neothelaira</i>	33	<i>subnotata</i> MacDonald, <i>Chelifera</i>	19
<i>quadrialba</i> Marshall, <i>Anomioptera</i>	27	<i>subrondinha</i> Naglis, <i>Viridigona</i>	18
<i>quadriseta</i> Marshall, <i>Palaeocoprina</i>	28	<i>subsolana</i> Wheeler, <i>Rachispoda</i>	30
<i>quinquealba</i> Marshall, <i>Anomioptera</i>	27	<i>suffulva</i> Villeneuve, <i>Myiocera</i>	33
<i>ramicornis</i> Pape & Arnaud, <i>Bezzimyia</i>	26	<i>sus</i> Väisänen, <i>Mycomya</i>	24
<i>ramosa</i> Fitzgerald, <i>Plecia</i>	6	<i>synoria</i> Wheeler, <i>Rachispoda</i>	30
<i>recavisterna</i> Wheeler, <i>Rachispoda</i>	30	<i>tandapiensis</i> Scarbrough, <i>Ommatius</i>	5
<i>rectilinea</i> Hull, <i>Habromyia</i>	31	<i>tapantiensis</i> Borkent & Picado, <i>Atrichopogon</i>	8
<i>redunca</i> Marshall & Langstaff, <i>Opacifrons</i>	28	<i>telescopica</i> Grimaldi & Cumming, <i>Nemedromia</i>	6
<i>remmi</i> Borkent, <i>Palaeobrachypogon</i>	11	<i>tenuirostre</i> Griffiths, <i>Lasiomma</i>	4
<i>rhizophora</i> Wheeler, <i>Rachispoda</i>	30	<i>tephra</i> Fitzgerald, <i>Plecia</i>	6

<i>tessellata</i> Brooks, <i>Bonellimyia</i>	31	<i>woodi</i> Sun, <i>Phasia</i>	34
<i>teutonia</i> Naglis, <i>Viridigona</i>	18	<i>wulpi</i> Han & Norrbom, <i>Trypeta</i>	34
<i>thaliathrix</i> Wheeler, <i>Rachispoda</i>	30	<i>xyele</i> Fitzgerald, <i>Plecia</i>	6
<i>thermastris</i> Wheeler, <i>Rachispoda</i>	30	<i>yacambo</i> Naglis, <i>Neurigona</i>	17
<i>thujae</i> Hedlin, <i>Phytophaga</i>	8	<i>yolancae</i> Borkent & Picado, <i>Atrichopogon</i>	8
<i>thula</i> Wood, <i>Exorista</i>	32	<i>zimini</i> Mesnil, <i>Linnaemyia</i>	33
<i>tinalandia</i> Naglis, <i>Viridigona</i>	18	<i>zumbadoi</i> Spinelli & Borkent, <i>Culicoides</i>	10
<i>toluca</i> Boucher, <i>Cerodontha</i>	2	<i>zygolepis</i> Wheeler, <i>Rachispoda</i>	30
<i>torus</i> Skevington, <i>Pipunculus</i>	25		
<i>tresalba</i> Marshall, <i>Anomioptera</i>	27		
<i>tribelus</i> Bilyj & Davies, <i>Cladotanytarsus</i>	13		
<i>trichopyga</i> Wheeler, <i>Rachispoda</i>	30		
<i>tricuneata</i> Marinoni & Steyskal, <i>Thecomyia</i>	26		
<i>triloba</i> Marshall & Langstaff, <i>Opacifrons</i>	28		
<i>trinitatis</i> Griffiths, <i>Phorbia</i>	4		
<i>triquetra</i> Fitzgerald, <i>Plecia</i>	6		
<i>trisetus</i> Brown, <i>Apocephalus</i>	24		
<i>tritarsus</i> Brown, <i>Apocephalus</i>	24		
<i>trunca</i> Fitzgerald, <i>Plecia</i>	6		
<i>truncata</i> MacDonald, <i>Chelipoda</i>	19		
<i>truncata</i> Wheeler, <i>Mallochianamyia</i>	37		
<i>truxalia</i> Hull, <i>Euprepina</i>	6		
<i>undulata</i> Sinclair, <i>Wiedemannia</i>	21		
<i>unicolor</i> Lyneborg & Barkemeyer, <i>Syritta</i>	31		
<i>unitarsus</i> Brown, <i>Apocephalus</i>	24		
<i>usovae</i> Golini, <i>Eusimulium</i>	26		
<i>vallis</i> Coher, <i>Anaclileia</i>	23		
<i>variabilis</i> Pollet, <i>Australachalcus</i>	16		
<i>variatincta</i> Forrest & Wheeler, <i>Sigaloessa</i>	6		
<i>velutinifrons</i> Tanasijtshuk, <i>Leucopis</i>	12		
<i>venia</i> Marshall, <i>Limomyza</i>	27		
<i>vespertina</i> Wheeler, <i>Rachispoda</i>	30		
<i>vetus</i> Borkent, <i>Palaeobrachypogon</i>	11		
<i>vexans</i> Curran, <i>Hypostena</i>	33		
<i>vexillum</i> Sinclair, <i>Wiedemannia</i>	21		
<i>vicinum</i> Mesnil, <i>Dolichocolon</i>	32		
<i>villaricana</i> Reinhard, <i>Belvosia</i>	31		
<i>vitreus</i> Hull, <i>Neopachygaster</i>	30		
<i>vittata</i> Philippi, <i>Peralia</i>	36		
<i>vockerothi</i> Barták, <i>Rhamphomyia</i>	20		
<i>vockerothi</i> Bechev, <i>Anaclileia</i>	23		
<i>vockerothi</i> Borkent, <i>Serromyia</i>	11		
<i>vockerothi</i> Cumming, <i>Stilpon</i>	22		
<i>vockerothi</i> Foster & Mathis, <i>Pelomyia</i>	35		
<i>vockerothi</i> Kassebeer, <i>Dioprosopa</i>	30		
<i>vockerothi</i> Lyneborg & Barkemeyer, <i>Syritta</i>	31		
<i>vockerothi</i> Sasakawa, <i>Minettia</i>	23		
<i>vockerothi</i> Vaillant & Chvála, <i>Chelifera</i>	19		
<i>volsella</i> Grimaldi & Nguyen, <i>Cladochaeta</i>	18		
<i>winchesteri</i> Coher, <i>Anaclileia</i>	23		
<i>wirthi</i> Cumming, <i>Stilpon</i>	22		
<i>woodi</i> O'Hara, <i>Micronychia</i>	33		
<i>woodi</i> Skevington, <i>Nephrocerus</i>	25		