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# A CATALOGUE OF THE TYPE SPECIMENS OF DIPTERA IN THE AUSTRALIAN MUSEUM

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## CONTENTS

Introduction .....	411
List of Australian Types .....	412
List of Pacific Island Types .....	448
List of Types from other Regions .....	452
List of Damaged Hardy Types .....	452
References .....	455
Alphabetical List of Specific, Subspecific and Variety Names .....	465

The following names occur in this catalogue as new combinations:

<i>Ceriodes euphara</i> Riek	= <i>Ceriana euphara</i> (Riek)
<i>Ceriodes alboseta</i> Ferguson	= <i>Ceriana alboseta</i> (Ferguson)
<i>Ceriodes platypus</i> Ferguson	= <i>Ceriana platypus</i> (Ferguson)
<i>Ceriodes apicalis</i> Ferguson	= <i>Ceriana apicalis</i> (Ferguson)
<i>Ceriodes mastersi</i> Ferguson	= <i>Ceriana mastersi</i> (Ferguson)
<i>Ceriodes alaplicata</i> Hardy	= <i>Ceriana alaplicata</i> (Hardy)
<i>Strumeta aquilonis</i> May	= <i>Dacus aquilonis</i> (May)
<i>Strumeta tenuifascia</i> May	= <i>Dacus tenuifascia</i> (May)
<i>Hendelina australina</i> Hardy	= <i>Myoleja australina</i> (Hardy)
<i>Rioxa confusa</i> Hardy	= <i>Dirioxa confusa</i> (Hardy)
<i>Czernyola australis</i> McAlpine	= <i>Craspedochaeta australis</i> (McAlpine)
<i>Czernyola bisignata</i> McAlpine	= <i>Craspedochaeta bisignata</i> (McAlpine)
<i>Czernyola delta</i> McAlpine	= <i>Craspedochaeta delta</i> (McAlpine)
<i>Ephydroscinis raymenti</i> Curran	= <i>Lasiopleura raymenti</i> (Curran)
<i>Hypsomyia goilala</i> McAlpine	= <i>Rhadinomyia goilala</i> (McAlpine)

## INTRODUCTION

The Diptera type-collection in the Australian Museum comprises 3040 specimens representing 620 nominal species. Of the species represented 590 are Australian, 47 are from New Guinea and the Pacific Islands and seven are from other regions. According to published data, 10 type specimens representing nine species have not been located in the collection.

The terms "holotype", "paratype" and "syntype" are used in accordance with Article 73 of the International code of Zoological Nomenclature (1961). Although the term "allotype" is not recognised in the Code it has been used here because many of the types in the collection are labelled as such. The term refers to a single specimen of opposite sex to the holotype designated in the original description (Mayr, et al., 1953:239). Such specimens are now normally referred to as paratypes. So far as possible, specimens listed as paratypes have been checked with the original descriptions to ensure they were available to the author at the time the species was described.

Several workers, especially Hardy, Taylor and Ferguson, believed it possible to designate an "allotype" of another person's species. In the collection, 14 specimens of nine species were regarded as allotypes by these authors, but in fact the specimens have no type status.

Authors, such as Skuse, Ferguson and Hardy, labelled specimens as types without validly designating them as such. When the description of a species was based on more than one specimen and no holotype designated, in this catalogue these specimens are regarded as syntypes.

The catalogue is divided into three faunal areas, viz: Australia, being mainland Australia and Tasmania only; Pacific Islands, comprising New Guinea, New Hebrides, Norfolk Island, Lord Howe Island and New Zealand; and other regions of which only one or two species are represented.

The systematic arrangement follows the order given in Colless and McAlpine, 1970. The arrangement of genera and species within a family generally follows that given in the latest revision of the group concerned, but otherwise follows the organisation of the Museum collection.

The name under which each type was originally described is given, incorrect generic spellings not being noted. This is followed by details of the original publication and a full reference is provided at the end of the catalogue. Then follows a list of the types, sexes of specimens, type localities and the Museum registration number assigned to each type. Finally, if the original name has been changed, the name under which the species is presently placed is noted, together with details of the relevant publication.

There are many cases of discrepancy between the collection data as published and that appearing on the label. Wherever such instances have been detected they are here recorded. All distances recorded in the catalogue are given in kilometres, even though the collection data may be in miles. Throughout the catalogue subgeneric names are omitted.

The following abbreviations have been used throughout the catalogue: HT (holotype), AT (allotype), PT (paratype(s) ) and ST (syntype(s) ).

When the G.H.H. Hardy collection was presented to the Museum, it was found that many specimens had been severely damaged by *Anthrenus*, several specimens being represented by a pin bearing a slide with genitalia, collection data and a determination label. These damaged specimens are listed separately at the end of the catalogue.

#### AUSTRALIAN TYPES

Suborder NEMATOCERA  
Division TIPULOMORPHA  
Family TIPULIDAE  
Subfamily LIMNOBIINAE

*Geranomyia lutulenta* Skuse, 1890:779.

ST ♀, Mount Kosciusko, N.S.W. .... K36766  
Labelled "♀ type". The specimen is badly damaged.

*Dicranomyia helmsi* Skuse, 1890:763.

ST ♂, Mount Kosciusko, N.S.W. .... K36850  
Labelled "♂ type".

<i>Molophilus montivagus</i> Skuse, 1890:808. HT ♀ , Jindabyne, N.S.W. ....	K36762
<i>Molophilus helmsi</i> Skuse, 1890:805. ST ♂ , Kosciusko, N.S.W. .... Labelled "♂ type". This specimen is represented by the head and part of the thorax.	K36763
<i>Teucholabis meridiana</i> Skuse, 1890:798. HT ♂ , Victoria .... This specimen is represented by a wing and one leg mounted on a slide.	K36859
<i>Rhypholophus maculosus</i> Skuse, 1890:802. HT ♀ , Mount Kosciusko, N.S.W. ....	K36761
<i>Limnophila imitatrix</i> Skuse, 1890:847. ST 1♂ , 1♀ , Kosciusko, N.S.W. .... Labelled "type ♂ " and "type ♀ ". The ♂ specimen is in poor condition.	K36759
<i>Limnophila fergusonii</i> Alexander, 1923:384. HT ♂ , Mount Kosciusko, N.S.W. ....	K48205
<i>Limnophila serraticornis</i> Alexander, 1923:386. HT ♀ , Blue Mountains, N.S.W. ....	K48204
<i>Limnophila aurantiipennis</i> Alexander, 1923:386. HT ♀ , Blue Mountains, N.S.W. ....	K48203
<i>Limnophila pauciseta</i> Alexander, 1924b:508. HT ♂ , Blue Mountains, N.S.W. ....	K49464
<i>Paralimnophila fraudulenta</i> Alexander, 1924b:512. HT ♀ , Blue Mountains, N.S.W. ....	K49463
<i>Gynoplistia viridithorax</i> Skuse, 1890:882. HT ♀ , Moonbar, N.S.W. ....	K36757
<i>Gynoplistia fergusoniana</i> Alexander, 1924b:516. HT ♂ , Blue Mountains, N.S.W. ....	K49468
<i>Gynoplistia bimaculata nigrotibialis</i> Alexander, 1924b:515. HT ♂ , Blue Mountains, N.S.W. ....	K49467
<i>Gynoplistia patruelis</i> Alexander, 1924b:513. HT ♂ , Mount Kosciusko, N.S.W. ....	K49466
<i>Gynoplistia bella atripes</i> Alexander, 1924b:514. HT ♀ , Kosciusko, N.S.W. ....	K49469

## Subfamily TIPULINAE

<i>Dolichozepeza longidigitalis</i> Alexander, 1924:182. HT ♂ , AT ♀ , Blue Mountains, N.S.W. .... This is a synonym of <i>Dolichozepeza cinerea</i> (Macquart) (Dobrotworsky, 1974c:7).	K48201-2
<i>Clytocosmus helmsi</i> Skuse, 1890a:76. ST 2♂ , Moonbar, N.S.W. .... One specimen labelled "type ♂ ", this specimen having the head and five legs missing.	K70503
<i>Clytocosmus alexanderi</i> Dobrotworsky, 1968a:509. HT ♂ , National Park, McPherson Range, Qld. ....	K68654
<i>Platyphasia rawlinsoni</i> Dobrotworsky, 1971:9. PT ♀ , Smiggin Holes, Mount Kosciusko, N.S.W. ....	K70504

- Platyphasia princeps* Skuse, 1890a:85.  
HT♂, Moonbar, N.S.W. .... K36765
- Acracantha inornata* Skuse, 1890a:113.  
HT♀, King George Sound, W.A. .... K36767
- Polymoria electa* Alexander, 1924b:506.  
HT♀, Blue Mountains, N.S.W. .... K49465
- Ischnotoma immaculipennis* Alexander, 1924:186.  
HT♀, Blue Mountains, N.S.W. .... K48197  
Dobrotworsky (1971a:40) states the holotype is lost.
- Ischnotoma episema* Alexander, 1924:184.  
HT♀, Mount Kosciusko, N.S.W. .... K48198
- Ischnotoma scutellumnigrum* Alexander, 1924:185.  
HT♂, AT♀, Mount Kosciusko, N.S.W. .... K48199-200
- Ischnotoma goldfinchi* Alexander, 1924b:520.  
HT♂, Kosciusko, N.S.W. .... K49462
- Habromastix cinerascens* Skuse, 1890a:94.  
Paralectotype ♂, Moonbar, N.S.W. .... K70405  
*Leptotarsus cinerascens* (Skuse) (Dobrotworsky, 1974a:16).
- Macromastix tenuirostris* Alexander, 1924a:377.  
HT♂, Taree, N.S.W. .... K48196  
Dobrotworsky (1974:11) states the holotype is lost.  
*Leptotarsus tenuirostris* (Alexander) (Dobrotworsky, 1974:11).
- Macromastix luteicosta* Alexander, 1924:193.  
HT♂, PT 3♂, Blue Mountains, N.S.W. .... K48191  
*Leptotarsus luteicostus* (Alexander) (Dobrotworsky, 1974b:45).
- Macromastix fergusonii* Alexander, 1924:192.  
HT♂, PT 5♂, Blue Mountains, N.S.W. .... K48190  
*Leptotarsus fergusonii* (Alexander) (Dobrotworsky, 1968:485).
- Macromastix albicollis* Alexander, 1924:188.  
HT♀, PT♀, Blue Mountains, N.S.W. .... K48192  
*Leptotarsus albicollis* (Alexander) (Dobrotworsky, 1974b:46).
- Macromastix aurantioceps* Alexander, 1924:190.  
HT♀, Megan, E. Dorrigo, N.S.W. .... K48194  
*Leptotarsus aurantioceps* (Alexander) (Dobrotworsky, 1974b:56).
- Macromastix aurantioceps subnitida* Alexander, 1924:192.  
HT♀, PT 2♀, Blue Mountains, N.S.W. .... K48195  
*Leptotarsus aurantioceps* (Alexander) (Dobrotworsky, 1974b:56).
- Macromastix obscurirostris* Skuse, 1890a:135.  
ST♂, Kosciusko, N.S.W. (Labelled "type ♂"). .... K36764  
ST♀, Kosciusko, N.S.W. (Labelled "type ♀"). .... K36851  
*Leptotarsus obscurirostris* (Skuse) (Dobrotworsky, 1974b:41).
- Leptotarsus barringtoniensis* Dobrotworsky, 1974b:48.  
PT♂, Barrington House, N.S.W. .... K70406
- Macromastix dorrigensis* Alexander, 1924:189.  
HT♀, Lowanna, E. Dorrigo, N.S.W. .... K48193  
*Leptotarsus dorrigensis* (Alexander) (Dobrotworsky, 1974b:51).
- Macromastix helmsi* Skuse, 1890a:132.  
Lectotype ♂, paralectotype ♀, Mount Kosciusko, N.S.W. .... K36858  
*Leptotarsus helmsi* (Skuse) (Dobrotworsky, 1974b:36).

- Leptotarsus gargettensis* Dobrotworsky, 1974b:52.  
HT♂, Gargett, near Mackay, Qld. .... K70507

Division PSYCHODOMORPHA  
Family PSYCHODIDAE

- Telmatoscopus aberrans* Tonnoir, 1953:441.  
PT♂, Eaglehawk Neck, Tas. .... K67607
- Telmatoscopus viduatus* Tonnoir, 1953:439.  
PT♂, Burnie, Tas. .... K67609
- Telmatoscopus variegatus* Satchell, 1953:394.  
PT♂, Hobart, Tas. .... K67606
- Telmatoscopus festivus* Satchell, 1953:399.  
PT 1♂, 1♀, Fitzroy Falls, N.S.W. .... K67612-3
- Atrichobrunettia alternata* Satchell, 1953:413.  
PT♀, Blundell's, A.C.T. .... K67603  
PT♀, Ferntree Gully, Vic. .... K67604  
PT♂, Burnie, Tas. .... K67605
- Pericoma albipes* Tonnoir, 1953:427.  
PT♂, Waterfall, N.S.W. .... K67602
- Pericoma illustrata* Tonnoir, 1953:422.  
PT♀, Mount Wellington, Tas. .... K67600
- Pericoma intricatoria* Tonnoir, 1953:430.  
PT♂, Blundell's, A.C.T. .... K67601
- Notiocharis dimorpha* Satchell, 1953:364.  
PT♂, Blundell's, A.C.T. .... K67597  
PT♀, Burnie, Tas. .... K67598  
The Blundell's specimen is labelled *Pericoma dimorpha albipes* Tonn. Paratype.

Division CULICOMORPHA  
Family DIXIDAE

- Dixa nicholsoni* Tonnoir, 1923:64.  
HT♂, Allyn River, N.S.W. .... K49120

Family CULICIDAE

- Hodgesia cairnsensis* Taylor, 1919:842.  
PT♀, Cairns, Qld. .... K42254

Family SIMULIIDAE

- Simulium ornatipes* Skuse, 1890c:632.  
ST 2♂, 2♀, near Louth, Darling River, N.S.W. .... K36731  
The two male specimens are mounted on separate pins and the two female specimens are mounted on a common card. One of the males bears a locality label in Skuse's handwriting and also has a small round red label attached. This specimen has been remounted. The other three specimens (on two pins) have locality labels presumably written by Musgrave. The females have been remounted and bear a written allotype label, as well as a small round blue label, whilst the male is affixed to its original mount. I have assumed that Skuse's specimens were remounted and relabelled by Musgrave.

- Simulium fergusonii* Tonnoir, 1925:238.  
 HT ♀ , Bumberry, N.S.W. .... K48711  
*Cnephia fergusonii* (Tonnoir) (Mackerras and Mackerras, 1949:386).  
 Mackerras and Mackerras (1949:386) state that the location of the type is not known.
- Simulium aurantiacum* Tonnoir, 1925:234.  
 PT 3 ♀ , Mount Wilson, N.S.W. .... K51170  
 PT ♂ , Sassafras, Vic. .... K51171  
*Cnephia aurantiacum* (Tonnoir) (Smart, 1945:498).
- Austrosimulium cornutum* Tonnoir, 1925:243.  
 PT 2 ♀ , Sassafras, Vic. .... K51172  
 PT ♀ , Burnie, Tas. .... K51173  
 PT ♀ , Strahan, Tas. .... K51174
- Austrosimulium weindorferi* Tonnoir, 1925:248.  
 PT 3 ♀ , Cradle Valley, Tas. .... K51179  
 This is a synonym of *Austrosimulium furiosum* (Skuse) (Mackerras and Mackerras, 1949:397).
- Austrosimulium torrentium* Tonnoir, 1925:247.  
 PT 1 ♂ , 1 ♀ , Launceston, Tas. .... K51178

## Division BIBIONOMORPHA

## Family PERISSOMMATIDAE

- Perissomma fusca* Colless, 1962:525.  
 PT 1 ♂ , 1 ♀ , Mount Majura, A.C.T. .... K68248-9
- Perissomma mc Alpinei* Colless, 1962:528.  
 HT ♀ , Mount Wilson, N.S.W. .... K68250

## Family BIBIONIDAE

- Dilophus varipes* Skuse, 1890c:635.  
 ST 9 ♂ , Kosciusko, N.S.W. .... K70520  
 A pin with two carded specimens bears the label "Type". The remainder have similar locality labels to the specimens labelled type.

## Family SCIARIDAE

- Sciara infixa* Skuse, 1890b:400.  
 HT ♀ , Mount Kosciusko, N.S.W. .... K36717
- Sciara helmsi* Skuse, 1890b:408.  
 ST 2 ♀ , Mount Kosciusko, N.S.W. .... K36718  
 One specimen is labelled "♀ type". The other specimen has a similar locality label as the specimen labelled type.
- Sciara serenipennis* Skuse, 1890b:402.  
 ST ♂ , Mount Kosciusko, N.S.W. .... K36719  
 Labelled "♂ type". This specimen is represented by three legs, a wing and part of the abdomen.
- Sciara tepperi* Skuse, 1890:393.  
 ST ♀ , Adelaide, S.A. .... K36720  
 Labelled "♀ type".
- Sciara contermina* Skuse, 1890b:395.  
 ST ♀ , Kosciusko, N.S.W. .... K36721  
 Labelled "♀ type".
- Sciara promiscua* Skuse, 1890b:394.  
 ST ♀ , Kosciusko, N.S.W. .... K36722  
 Labelled "♀ type".

## Family MYCETOPHILIDAE

- Sciophila mccoysi* Skuse, 1890c:606.  
ST ♀, Victoria ..... K36716  
Labelled "♀ type".  
*Mycomyia mccoysi* (Skuse) (Tonnoir, 1929:599).
- Clastobasis tryoni* Skuse, 1890c:619.  
ST ♀, Brisbane, Qld. .... K2319  
Labelled "♀ type".
- Arachnocampa richardsae* Harrison, 1966:881.  
HT ♂, PT 1♂, 2♀, Newnes railway tunnel, N.S.W. .... K68575-8  
PT ♂, Hazelbrook, Blue Mountains, N.S.W. .... K68579

Suborder BRACHYCERA  
Division ORTHORRHAPHA  
Superfamily TABANOIDEA  
Family PELECORHYNCHIDAE

- Pelecorhynchus olivei* G. Hardy, 1933:413.  
ST 1♂, 1♀, Strahan, Tas. .... K70521  
Labelled "HT" and "AT".
- Pelecorhynchus igniculus* G. Hardy, 1918:64.  
ST 1♂, 1♀, Cradle Mountain, Tas. .... K42683  
Labelled "HT" and "AT".
- Pelecorhynchus albolineatus* G. Hardy, 1918:64.  
ST 1♂, 2♀, Cradle Mountain, Tas. .... K42684-5  
Labelled "HT", "AT" and "PT".
- Pelecorhynchus cristalooides* subsp. *montanus* G. Hardy, 1916:269.  
HT ♂, AT ♀, Mount Wellington, Tas. .... K42686  
*Pelecorhynchus montanus* G. Hardy, 1918:65.
- Pelecorhynchus occidens* G. Hardy, 1933:414.  
HT ♂, AT ♀, Cradle Mountain, Tas. .... K42687  
Both specimens are labelled "*P. montanus* var. A." (G. Hardy, 1918:65) and were  
redescribed by Hardy as *P. occidens*.
- Pelecorhynchus fulvus* Ricardo, 1910:406.  
There is, in the collection, a ♂ labelled allotype and described by Ferguson (1921:2),  
although not designated as the allotype by Ricardo or Ferguson. The species was  
originally described from a ♀ and this ♂ specimen cannot be an allotype.  
1♂, Bright, Vic. .... K42742
- Pelecorhynchus distinctus* Taylor, 1918:53.  
ST 2♀, Dorrigo, N.S.W. .... K31966  
Labelled "HT" and "PT"
- Pelecorhynchus deuqueti* G. Hardy, 1920a:38.  
HT ♀, Blackheath, N.S.W. .... K42688
- Pelecorhynchus tillyardi* Taylor, 1918:54.  
HT ♀, Dorrigo, N.S.W. .... K31967

## Family RHAGIONIDAE

- Chrysopilus mcalpinei* Paramonov, 1962:121.  
HT ♂, Kuranda, Qld. .... K68251
- Chrysopilus androgynus* Paramonov, 1962:123.  
HT ♂, Williams River, Barrington Tops, N.S.W. .... K68252



- Austroleptis rhyphoides* G. Hardy, 1920:127.  
HT ♂ , AT ♀ , PT 2 ♂ , Mount Wellington, Tas. .... K42674
- Austroleptis multimaculata* G. Hardy, 1920:128.  
HT ♂ , Cradle Mountain, Tas. .... K42675
- Spaniopsis longicornis* Ferguson, 1915:242.  
PT ♀ , Gosford, N.S.W. (Labelled "cotype"). .... K68253
- Spaniopsis marginipennis* Ferguson, 1915:239.  
HT ♀ , Gosford, N.S.W. .... K42740  
PT ♀ , Gosford, N.S.W. (Labelled "cotype"). .... K42258
- Spaniopsis tabaniformis* White, 1914a:44.  
ST 2 ♀ , Freycinet's Peninsula, Tas. .... K36468  
Both specimens are labelled "cotype gen. & sp."  
ST ♀ , Freycinet's Peninsula, Tas. (Labelled HT). .... K70522
- Spaniopsis vexans* Ferguson, 1915:238.  
PT 2 ♀ , Milson Island, N.S.W. .... K68254-5
- Spaniopsis clelandi* Ferguson, 1915:240.  
HT ♀ , Hawkesbury River, N.S.W. .... K42741  
PT 2 ♀ , Blue Mountains, N.S.W. .... K68256-7
- Dasyomma mcalpinei* Paramonov, 1962:147.  
HT ♀ , Wentworth Falls, Blue Mountains, N.S.W. .... K68259
- Dasyomma maculipennis* G. Hardy, 1920:123.  
HT ♂ , AT ♀ , PT 1 ♂ , 1 ♀ , Cradle Mountain, Tas. .... K42668
- Dasyomma dissimilis* G. Hardy, 1920:124  
HT ♂ , AT ♀ , Cradle Mountain, Tas. .... K42666-7
- Dasyomma hydrophila* Paramonov, 1962:152.  
HT ♀ , Wentworth Falls, Blue Mountains, N.S.W. .... K68263
- Atherimorpha vernalis occidens* Hardy, 1927:126.  
ST ♂ , Strahan, Tas. (Labelled PT). .... K70697  
This specimen has traces of mould.  
*Atherimorpha occidens* Hardy (Paramonov, 1962:166).
- Atherimorpha mcalpinei* Paramonov, 1962:167.  
HT ♂ , Mount Wilson, Blue Mountains, N.S.W. .... K68263

Family TABANIDAE  
Subfamily PANGONIINAE

- Austroplex goldfinchi* Mackerras, 1955:467.  
PT 1 ♂ , 1 ♀ , Mackay, Qld. .... K67856-7
- Ectenopsis vulpecula* var. *nigripennis* Taylor, 1918:63.  
HT ♀ , Norton's Basin, Nepean River, N.S.W. .... K39647  
*Ectenopsis vulpecula* (Wiedemann) (Ferguson, 1921:11).
- Ectenopsis australis* Ricardo, 1917:217.  
ST ♀ , Sydney, N.S.W. .... K42729  
Labelled "type".
- Ectenopsis occidentalis* Mackerras, 1956:425.  
HT ♂ , King George Sound, W.A. .... K67858
- Demoplatus nigrovittatus* Ferguson and Hill, 1920:460.  
HT ♂ , Kendall, N.S.W. .... K43468  
*Caenoprosopon nigrovittatus* (Ferguson and Hill) (Henry, 1927:195).

<i>Silvius minor</i> Taylor, 1918:62. ST 2♂, South Australia (Labelled "HT" and "PT")	K40779
<i>Caenoprosopon minor</i> (Taylor) (Mackerras, 1956:440).	
<i>Therevopangonia insolita</i> Mackerras, 1955:475. PT♂, Geraldton, W.A.	K67859
PT♂, Eradu, W.A.	K67860
<i>Erephopsis aureovestita</i> Ferguson and Henry, 1920:834. HT♀, Kendall, N.S.W.	K42731
<i>Scaptia aureovestita</i> (Ferguson and Henry) (Ferguson, 1926:295).	
<i>Scaptia aurinotum</i> Mackerras, 1960:49. HT♀, Ebor, N.S.W.	K70523
<i>Diatomineura crocea</i> Taylor, 1917:747. ST♂, Kuranda, Qld. (Labelled PT).	K70524
This is a synonym of <i>Scaptia berylensis</i> (Ricardo) (Mackerras, 1960:53).	
<i>Scaptia auranticula</i> Mackerras, 1960:54. PT♂, King George Sound, W.A.	K36781
<i>Scaptia alpina alpina</i> Mackerras, 1960:67. PT♂, Yarrangobilly, N.S.W.	K70535
<i>Diatomineura fulgida</i> Ferguson and Henry, 1920:837. ST♀, Kendall, N.S.W. (Labelled HT).	K42730
<i>Scaptia fulgida</i> (Ferguson and Henry) (Enderlein, 1925:278).	
<i>Scaptia orientalis</i> Mackerras, 1960:89. PT 2♀, Jervis Bay, A.C.T.	K70525
<i>Erephopsis vicina</i> Taylor, 1918:57. HT♂, Wentworth Falls, Blue Mountains, N.S.W.	K36658
<i>Scaptia vicina</i> (Taylor) (Ferguson, 1926:297).	
<i>Diatomineura regis-georgii</i> Taylor, 1918:60. ST♀, King George Sound, W.A.	K36783
<i>Scaptia regisgeorgii</i> (Taylor) (Enderlein, 1925:278).	
<i>Erephopsis neotricolor</i> Taylor, 1918:55. ST 2♀, King George Sound, W.A. Labelled HT and PT	K36777
<i>Scaptia neotricolor</i> (Taylor) (Ferguson, 1926:297).	
<i>Erephopsis vicina</i> var. <i>georgii</i> Taylor, 1918:57. HT♀, King George Sound, W.A.	K36772
<i>Scaptia georgii</i> (Taylor) (Ferguson, 1926:296).	
<i>Diatomineura bicolorata</i> Taylor, 1918:60. ST 1♂, 1♀, King George Sound, W.A.	K36780
<i>Scaptia bicolorata</i> (Taylor) (Enderlein, 1925:278).	
<i>Scaptia calabyi</i> Mackerras, 1960:106. PT♀, 28km SSE of Manjimup, W.A.	K70527
<i>Erephopsis xanthopilis</i> Ferguson, 1921:7. HT♀, Hawkesbury River, N.S.W.	K44005
<i>Scaptia xanthopilis</i> (Ferguson) (Ferguson, 1926:296).	
<i>Erephopsis subcontigua</i> Ferguson, 1921:5. HT♀, Meldrum, N.S.W.	K44003
<i>Scaptia subcontigua</i> (Ferguson) (Ferguson, 1926:296).	

- Erephopsis rufoniger* Ferguson, 1921:6.  
ST ♀, Armidale, N.S.W. .... K44004  
*Scaptia rufoniger* (Ferguson) (Ferguson, 1926:296).
- Scaptia neoconcolor* Mackerras, 1960:115.  
PT ♀, Kuranda, Qld. .... K70528
- Erephopsis cinerea* Ricardo, 1915:26.  
There is, in the collection a ♂ labelled as the AT, and designated by Taylor (1918:55).  
As this specimen was not included in the type series it has no status as a type.  
1 ♂, King George Sound, W.A. .... K36770  
*Scaptia cinerea* (Ricardo) (Ferguson, 1926:298).
- Erephopsis clelandi* Ferguson, 1921:4.  
HT ♀, Narrabri, N.S.W. .... K44006  
*Scaptia clelandi* (Ferguson) (Ferguson, 1926:298).

## Subfamily CHRYSOPINAE

- Silvius paraluridus* Ferguson and Henry, 1920:839.  
ST ♀, Kendall, N.S.W. (Labelled "HT") .... K42933  
*Mesomyia paralurida* (Ferguson and Henry) (Mackerras, 1955a:606).
- Silvius sulcifrons* Ferguson, 1921:14.  
HT ♀, Perth, W.A. .... K44407  
*Mesomyia sulcifrons* (Ferguson) (Mackerras, 1955a:609).
- Diatomineura cydister* Taylor, 1918:58.  
ST ♂, King George Sound, W.A. (Labelled "HT") .... K37694  
*Mesomyia cydister* (Taylor) (Mackerras, 1955a:609).

## Subfamily TABANINAE

- Tabanus wentworthi* Ferguson and Hill, 1922:259.  
HT ♂, Blue Mountains, N.S.W. .... K47513  
*Cydistomyia wentworthi* (Ferguson and Hill) (Mackerras, 1959:168).
- Tabanus musgravii* Taylor, 1918:64.  
HT ♀, Underbank, N.S.W. .... K37744  
*Cydistomyia musgravii* (Taylor) (Mackerras, 1959:168).
- Tabanus rivularis* Ferguson and Hill, 1922:264.  
ST ♀, Kew, N.S.W. (Labelled "HT") .... K42735  
*Cydistomyia rivularis* (Ferguson and Hill) (Mackerras, 1959:168).
- Tabanus rainbowi* Taylor, 1918:66.  
HT ♂, King George Sound, W.A. .... K37703  
*Dasybasis rainbowi* (Taylor) (Mackerras, 1959:170).
- Tabanus ochreoflavus* Ferguson and Henry, 1920:845.  
ST ♀, Kendall, N.S.W. (Labelled "HT") .... K42739  
*Dasybasis ochreoflava* (Ferguson and Henry) (Mackerras, 1959:173).
- Tabanus tasmanicus* Ferguson, 1921:20.  
HT ♀, Dunally, Tas. .... K44409  
This is a synonym of *Dasybasis neocirrus* (Ricardo) (Mackerras, 1959:173).
- Tabanus postponens* Walker, 1848:179.  
There is, in the collection, a ♂ labelled as the allotype, and designated by Taylor (1918:69). As this specimen was not included in the type series, it can have no status as a type.  
1 ♂, Gayndah, Qld. .... K37702  
Mackerras (personal comm.) writes saying the status of this specimen is uncertain.

- Tabanus diemanensis* Ferguson, 1921:25.  
ST 1♂, 1♀, Bream Creek, Tas. .... K44410  
Labelled "HT♀" and "AT♂".  
*Dasybasis spadix diemanensis* (Ferguson) (Mackerras, 1959:175).
- Tabanus vespiformis* Ferguson and Henry, 1920:840.  
HT♀, Kendall, N.S.W. .... K42737  
*Dasybasis vespiformis* (Ferguson and Henry) (Mackerras, 1959:175).
- Tabanus pseudobasalis* Taylor, 1918:68.  
ST 2♀, King George Sound, W.A. .... K37699  
Labelled "HT" and "PT"  
This is a synonym of *Dasybasis postica* (Wiedemann) (Mackerras, 1959:176).
- Tabanus trilinealis* Ferguson and Henry, 1920:841.  
ST♀, Kendall, N.S.W. (Labelled "HT") .... K43736  
*Dasybasis trilinealis* (Ferguson and Henry) (Mackerras, 1959:178).
- Tabanus kewensis* Ferguson and Henry, 1920:843.  
ST♀, Kew, N.S.W. (Labelled "HT") .... K42738  
*Dasybasis kewensis* (Ferguson and Henry) (Mackerras, 1959:178).
- Tabanus neolatifrons* Ferguson and Hill, 1922:264.  
HT♀, AT♂, Cradle Mountain, Tas. .... K44408  
*Dasybasis neolatifrons* (Ferguson and Hill) (Mackerras, 1959:180).
- Tabanus imperfectus* Walker, 1848:179.  
There is, in the collection, a ♂ labelled allotype and designated by Taylor (1918:66).  
As this specimen was not included in the type series, it cannot be considered to be a type.  
1♂, Wedge Bay, Tas. .... K38462  
*Dasybasis imperfecta* (Walker) (Mackerras, 1959:180).
- Tabanus indefinitus* Taylor, 1918:68.  
ST♀, Nepean River, N.S.W. (Labelled "HT") .... K41041  
*Dasybasis dubiosa indefinita* (Taylor) (Mackerras, 1959:181).
- Tabanus innotatus* Ferguson and Henry, 1920:847.  
ST♀, Kendall, N.S.W. (Labelled "HT") .... K42734  
*Dasybasis innotata* (Ferguson and Henry) (Mackerras, 1959:183).

Family STRATIOMYIDAE  
Subfamily CHIROMYZINAE

- Metoponia gemina* G. Hardy, 1921a:535.  
HT♀, AT♂, Leura, N.S.W. .... K43463  
*Inopus geminus* (Hardy) (Nagatomi and Yukawa, 1968:523).
- Boreoides subulatus* G. Hardy, 1921a:540  
PT 3♀, Bago Forest, via Batlow, N.S.W. .... K39952  
PT♂, Kosciusko, N.S.W. .... K70530  
PT♂, Moonbar, N.S.W. .... K70531

Subfamily ANTISSINAE

- Lecogaster cyanea* White, 1916:79.  
This species was described from 2 ♀ collected at Milson Island, Hawkesbury River, N.S.W. There is, in the collection, a ♀ from Brisbane, Qld, labelled paratype, which cannot be considered to be a type as it was not included in the type series.  
1♀, Brisbane, Qld. .... K67723  
*Lecomylia cyanea* (White) (Hardy, 1932a:45).

- Lecomomyia notha* G. Hardy, 1932a:46.  
ST 2 ♂, Brisbane, Qld (Labelled PT) ..... K67722

## Subfamily STRATIOMYINAE

- Odontomyia carinifacies* var. *minima* G. Hardy, 1920d:55.  
ST 2 ♀, Mount Wellington, Tas. .... K43451  
Labelled "HT" and "AT".  
This is a synonym of *Odontomyia stricta* Erichson (G. Hardy, 1938:72).
- Odontomyia carinifacies* var. *grandimaculata* G. Hardy, 1920d:56.  
ST ♂, Lymington, Tas. (Labelled "HT") ..... K43450  
ST 2 ♀, Bream Creek, Tas. (Labelled "PT") ..... K43450  
*Odontomyia grandimaculata* Hardy (G. Hardy, 1938:72).

## Subfamily PACHYGASTRINAE

- Pachygaster whitei* G. Hardy, 1920d:44.  
HT ♀, AT ♂, Hobart, Tas. .... K43458  
*Damaromyia whitei* (Hardy) (G. Hardy, 1931:126).
- Pachygaster nitens* G. Hardy, 1922:194.  
HT ♀, National Park, Qld ..... K45269  
*Damaromyia nitens* (Hardy) (G. Hardy, 1931:125).
- Dochmiocera aurilineata* G. Hardy, 1922:195.  
HT ♀, National Park, Qld ..... K45268

## Family XYLOMYIDAE

- Solva laeta* Daniels, 1977:456.  
HT ♂, Mulgrave River, 6km W of Gordonvale, Qld. .... K70379  
PT ♀, Iron Range, Qld. .... K70380

## Family NEMESTRINIDAE

- Trichophthalma bivittata* var. *coerulea* Paramonov, 1953:267.  
HT ♂, AT ♀, Gundamain, Port Hacking, near Sydney, N.S.W. .... K52173
- Trichophthalma costalis apicalis* Mackerras, 1925:512.  
PT 2 ♂, King George Sound, W.A. .... K51998
- Trichophthalma rufonigra* Mackerras, 1925:513.  
PT 1 ♂, 1 ♀, Barrington Tops, N.S.W. .... K53025
- Trichophthalma subcostalis* Mackerras, 1925:514.  
HT ♂, Tulka, S.A. .... K42952
- Trichophthalma fusca* Mackerras, 1925:516.  
HT ♂, AT ♀, Gayndah, Qld. .... K52002
- Trichophthalma punctata orientalis* Mackerras, 1925:519.  
PT ♂, Barrington Tops, N.S.W. .... K53028
- Trichophthalma confusa* Mackerras, 1925:521.  
PT 3 ♂, Como, N.S.W. .... K47031
- Trichophthalma ruficosta* Mackerras, 1925:522.  
HT ♂, King George Sound, W.A. .... K37155
- Trichophthalma bivitta nigricosta* Mackerras, 1925:524.  
PT ♀, Barrington Tops, N.S.W. .... K53029
- Trichophthalma harrisoni* Mackerras, 1925:525.  
PT 1 ♂, 1 ♀, Barrington Tops, N.S.W. .... K53030

<i>Trichophthalma griseolineata</i> Mackerras, 1925:528. HT ♂ , AT ♀ , South Australia .....	K52003
<i>Trichophthalma nigrovittata</i> Mackerras, 1925:531. PT 1♂, 1♀ , Barrington Tops, N.S.W. ....	K53026
<i>Trichophthalma bancrofti</i> Mackerras, 1925:533. PT ♀ , Eidsvold, Qld. ....	K53022

## Family ACROCERIDAE

<i>Panops flavipes</i> Latreille, 1811:710. Neotype ♀ , Lane Cove, N.S.W. ....	K70533
<i>Mesophysa flavipes</i> (Latreille) (Brunetti, 1926:580).	
<i>Oncodes tenuipes</i> Paramonov, 1957:542. HT ♂ , Victoria .....	K70640
PT ♂ , Gayndah, Qld. ....	K70641
<i>Oncodes hirtifrons</i> Paramonov, 1957:543. PT 6♂, 3♀ , Mount Kosciusko, N.S.W. ....	K59897
<i>Oncodes glomerosus</i> Paramonov, 1957:544. HT ♂ , Spencer's Creek, Mount Kosciusko, N.S.W. ....	K70642

## Superfamily ASILOIDEA

## Family THEREVIDAE

<i>Acupalpa albitarsa</i> Mann, 1929:24. PT ♂ , Brisbane, Qld. ....	K70534
<i>Psilocephala aggera</i> Mann, 1933:327. PT ♀ , Chinchilla, Qld. This specimen is represented by a pin bearing Mann's determination label.	
<i>Psilocephala duocoloris</i> Mann, 1933:329. PT ♂ , Denman, N.S.W. ....	K70537
This specimen has the abdomen and a wing missing.	
<i>Anabarrhynchus manni</i> G. Hardy, 1955:178. ST 1♂, 2♀ , Katoomba, N.S.W. ....	K70538
Labelled "HT", "AT" and "PT".	

## Family SCENOPINIDAE

<i>Scenopinus minutus</i> Kelsey, 1969:78. HT ♂ , PT ♂ , Bronte, N.S.W. ....	K68436-7
PT ♀ , Como, N.S.W. ....	K68438
<i>Paramonova brevipalpa</i> Kelsey, 1970:127. HT ♀ , PT ♀ , Euiowie, 97km N of Broken Hill, N.S.W. ....	K70364-5

## Family ASILIDAE

## Subfamily DASYPOGONINAE

<i>Broticosia caliginea</i> Daniels, 1975:185. HT ♂ , PT ♀ , Tubrabucca, upper Hunter district, N.S.W. ....	K70364-5
<i>Stichopogon minor</i> G. Hardy, 1934a:513. ST 2♂, Collaroy, N.S.W. (Labelled "PT") .....	K66877
<i>Clinopogon maritima</i> G. Hardy, 1934a:511. ST ♂ , Sydney, N.S.W. (Labelled "PT") .....	K66875
ST ♀ , Eden, N.S.W. (Labelled "PT") .....	K66875

- Bathypogon robustus* Hull, 1956:97.  
PT ♀, Canberra, A.C.T. .... K70536
- Questopogon lineatus* Daniels, 1976:227.  
PT 1♂, 1♀, Carnarvon Range, Qld. .... K70366-7
- Saropogon nigratarsus* Hull, 1956a:131.  
PT ♂, Canberra, A.C.T. .... K70539

## Subfamily LAPHRIINAE

- Tricella calcar* Daniels, 1975a:189.  
HT ♂, PT 1♂, 1♀, Claudie River, near Mount Lamond, Qld. .... K70368-70

## Subfamily ASILINAE

- Ommatius levis* White, 1916a:170.  
HT ♂, Launceston, Tas. .... K43187
- Ommatius distinctus* Ricardo, 1918:66.  
PT ♂, Eidsvold, Qld. .... K42885  
PT ♂, Kuranda, Qld. .... K42253
- Neoaratus rosevillensis* G. Hardy, 1935:183.  
ST 1♂, 3♀, Sydney, N.S.W. .... K52825  
The ♂ has a Gibbons' "type" label.
- Asilus illingworthi* G. Hardy, 1922:196.  
HT ♂, AT ♀, Cairns, Qld. .... K45267  
*Neoaratus illingworthi* (Hardy) (G. Hardy, 1935:180).
- Neoaratus bancrofti* G. Hardy, 1935:180.  
ST, Eidsvold, Qld. .... K70540  
The abdomen is missing from this specimen.
- Asilus genitalis* G. Hardy, 1920c:252.  
HT ♂, Cairns, Qld. .... K43206  
*Neoaratus genitalis* (Hardy) (G. Hardy, 1935:179).
- Neoitamus maculatoides* G. Hardy, 1920b:197.  
HT ♂, AT ♀, Sydney, N.S.W. .... K43194
- Cerdistus conformis* G. Hardy, 1926:655.  
ST 11♂, 2♀, Sydney, N.S.W. .... K70542  
This is a synonym of *Cerdistus varimystaceus* Macquart (G. Hardy, 1935a:414).
- Neoitamus maculatus* White, 1914:278.  
ST ♀, Armadale, W.A. (Labelled "HT") .... K43196
- Neoitamus setosus* G. Hardy, 1920b:199.  
HT ♂, AT ♀, Roseville, N.S.W. .... K43199  
PT ♂, Katoomba, N.S.W. .... K43198  
PT ♀, Sydney, N.S.W. .... K43199  
*Cerdistus setosus* (Hardy) (Hull, 1962:515).
- Neoitamus abditus* White, 1916a:178.  
There are, in the collection, a ♂ labelled allotype and 2 ♂ and a ♀ labelled paratypes, and designated by Hardy (1920b:190). As these specimens were not included in the type series, they have no status as types.  
2♂, Hobart, Tas. (Labelled "AT" and "PT") .... K43188  
1♂, 1♀, Melbourne, Vic. (Labelled "PT") .... K43188  
This is a synonym of *Neocerdistus acutangularis* (Macquart) (G. Hardy, 1926:647).

- Cerdistus australis* Ricardo, 1918:62.  
 PT ♂, Sydney, N.S.W. .... K52774  
 Both wings are missing from this specimen.  
 This species is a synonym of *Cerdistus caliginosus* White (Hull, 1962:515).

## Family MYDAIDAE

- Diochlistus hackeri* Paramonov, 1950:25.  
 PT ♀, no data. .... K70541  
*Diochlistus apollinosus* Paramonov, 1950:23.  
 HT ♀, 655km E. W. Line, S.A.  
 This specimen has not been located in the collection.

Family BOMBYLIIDAE  
Subfamily SYSTROPINAE

- Systropus clavifemoratus* G. Hardy, 1921b:61.  
 HT ♂, AT ♀, Blackheath, N.S.W. .... K44413  
*Zaclava clavifemoratus* (Hardy) (Hull, 1973:250).

## Subfamily CYRTOSIINAE

- Pachyneres australis* Malloch, 1924a:205.  
 HT ♂, Como, N.S.W. .... K57588  
*Glbellula australis* (Malloch) (Hull, 1973:271).

## Subfamily LOMATINAE

- Docidomyia swani* Paramonov, 1951:750  
 PT ♀, Fraser Park, N.S.W. .... K70543  
*Antonia roddi* Paramonov, 1950a:530.  
 HT ♀, Lane Cove, near Sydney, N.S.W. .... K70639  
 The abdomen and head are missing from this specimen.

## Subfamily PHTHIRIINAE

- Phthiria hilaris* Walker, 1852:194.  
 There are, in the collection, 2 ♂ specimens labelled allotype and paratype, and designated by Hardy (1921b:66). As these specimens were not included in the type series, they have no status as types.  
 1 ♂, Blackheath, N.S.W. (Labelled "AT") .... K44411  
 1 ♂, Blackheath, N.S.W. (Labelled "PT") .... K70639  
*Eclimus longipalpis* G. Hardy, 1921b:63.  
 HT ♂, La Perouse, N.S.W. .... K44412  
 There is, in the collection, a ♀ labelled allotype, designated by Roberts (1929:577). As this specimen was not included in the type series, it cannot be considered to be a type.  
 1 ♀, Chinchilla, Qld. (not Westwood as recorded by Roberts) ..... K60172  
*Thevenemyia longipalpis* (Hardy) (Hall, 1969:43).

Superfamily EMPIDOIDEA  
Family EMPIDIDAE

- Asymphyloptera quadriseta* Smith, 1960:245.  
 HT ♂, AT ♀, Katoomba, N.S.W. .... K68284-5  
*Microphorella iota* Colless, 1964:320.  
 PT 2 ♀, Springwood, N.S.W. .... K68439-40



- Empis alata* G. Hardy, 1934b:177.  
ST ♂ , Blackheath, N.S.W. (Labelled "HT") ..... K68572

## Family DOLICHOPODIDAE

- Paralipatus mirabilis* Bezzi, 1923b:181.  
HT ♀ , Southport, Qld. .... K48702

## Division CYCLORRHAPHA

## Series ASCHIZA

## Superfamily PHOROIDEA

## Family PLATYPEZIDAE

- Platypeza denticulata* Tonnoir, 1925a:309.  
HT ♂ , Sydney, N.S.W. .... K48706
- Platypeza fergusonii* Tonnoir, 1925a:307.  
HT ♂ , Hobart, Tas. .... K48707  
PT ♀ , Sydney, N.S.W. .... K48708
- Platypeza acuminata* Tonnoir, 1925a:310.  
HT ♂ , Sydney, N.S.W. .... K48709
- Platypeza griseola* Tonnoir, 1925a:309.  
HT ♂ , Sydney, N.S.W. .... K48710

## Superfamily SYRPHOIDEA

## Family SYRPHIDAE

## Subfamily MILESIINAE

- Ceriodes euphara* Riek, 1954:107.  
ST 1♂, 1♀ , Westwood, Qld. (Labelled "HT ♂ " and "PT ♀ "). .... K53603-4  
ST ♀ , Gayndah, Qld. (Labelled "PT"). .... K52032  
ST ♀ , Gayndah, Qld. (Labelled "PT"). .... K52034  
*Ceriana euphara* (Riek) comb. nov.
- Ceriodes alboseta* Ferguson, 1926a:145.  
ST ♂ , Gordonvale, Qld. (Labelled "HT"). .... K53605  
*Ceriana alboseta* (Ferguson) comb. nov.
- Ceriodes platypus* Ferguson, 1926a:144.  
HT ♂ , AT ♀ , South Australia ..... K36977  
*Ceriana platypus* (Ferguson) comb. nov.
- Ceriodes apicalis* Ferguson, 1926a:147.  
HT ♂ , Gayndah, Qld. .... K52033  
*Ceriana apicalis* (Ferguson) comb. nov.
- Ceriodes mastersi* Ferguson, 1926a:151.  
HT ♀ , South Australia ..... K52035  
*Ceriana mastersi* (Ferguson) comb. nov.
- Ceriodes alaplacata* G. Hardy, 1945:83.  
ST 1♂, 1♀ , Goondiwindi, Qld. .... K70544  
*Ceriana alaplacata* (Hardy) comb. nov.
- Criorhina multicolor* Ferguson, 1926b:523.  
HT ♂ , Ecclestone, N.S.W. .... K55146
- Criorhina spadix* G. Hardy, 1921:17.  
HT ♂ , Hobart, Tas ..... K70545

## Subfamily MICRODONTINAE

- Microdon waterhousei* Ferguson, 1926a:174.  
HT ♀, Killara, N.S.W. .... K55145
- Microdon dimorphon* Ferguson, 1926a:177.  
ST 1♂, 1♀, Armadale, W.A. .... K55144  
Both specimens are on a common pin labelled paratype. The ♂ has the head missing.
- Microdon chalybeus* Ferguson, 1926a:176.  
HT ♂, no data.  
This specimen is represented by a damaged wing.

## Subfamily SYRPHINAE

- Chrysotoxum elongatum* G. Hardy, 1921:13.  
HT ♂, Geeveston, Tas. .... K70546  
AT ♀, Hobart, Tas. .... K70547  
*Hardimyia elongata* (Hardy) (Ferguson, 1926b:534).
- Citrogramma notiale* Vockeroth, 1969:95.  
PT ♀, Sydney, N.S.W.  
This specimen has not been located in the collection.

Series SCHIZOPHORA  
Superfamily TEPHRITOIDEA  
Family PLATYSTOMATIDAE

- Mesoctenia australis* D. McAlpine, 1973:35.  
HT ♂, PT 2♂, 5♀, Thornton Range to Daintree River ferry, Qld. .... K70162-9
- Plagiostenoptera claudiana* D. McAlpine, 1973:41.  
HT ♂, PT 10♂, 8♀, Claudie River, near Mount Lamond, Qld. .... K70143-61
- Plagiostenoptera crinita* D. McAlpine, 1973:42.  
PT ♂, Mount Bartle Frere, Qld. .... K70548
- Lamprogaster tricauda* D. McAlpine, 1973:48.  
HT ♂, PT 7♂, 1♀, Mary's Creek, near Gympie, Qld. .... K70170-5
- Lamprogaster pseudelongata* Malloch, 1930a:432.  
PT ♀, Cairns, Qld. .... K67932  
This is a synonym of *Lamprogaster indistincta* Malloch (D. McAlpine, 1973:50).
- Lamprogaster nigrihirta* D. McAlpine, 1973:51.  
HT ♂, PT ♂, Mulgrave River, 6km W of Gordonvale, Qld. .... K70176-7  
PT ♂, Thornton Range to Daintree River ferry, Qld. .... K70178  
PT ♂, Lake Barrine, Atherton Tableland, Qld. .... K70179
- Lamprogaster flavihirta* D. McAlpine, 1973:52.  
PT 2♂, Herberton, Qld. .... K70180-1
- Lamprogaster rugifacies* D. McAlpine, 1973:52.  
PT ♂, Iron Range, Qld. .... K70182
- Lamprogaster imperialis* D. McAlpine, 1973:53.  
HT ♂, PT 27♂, 18♀, Millstream Falls, near Ravenshoe, Qld. .... K70183-228  
PT 1♂, 2♀, Kuranda, Qld. .... K70229-33  
PT ♀, Almaden, near Chillagoe, Qld. .... K57663  
PT ♀, Cairns, Qld. .... K70234
- Lamprogaster viola* Malloch, 1929b:515.  
PT ♂, Herberton, Qld. .... K67933

- Lamprogaster corax* D. McAlpine, 1973:57.  
PT ♀, Coen River, Qld. .... K70238
- Lamprogaster excelsa* D. McAlpine, 1973:62.  
HT ♂, PT ♀, Mount Kosciusko, N.S.W. .... K70236-7  
PT ♀, Buckenderra, near Adaminaby, N.S.W. .... K70238
- Lamprogaster relucens* D. McAlpine, 1973:65.  
HT ♂, Northmead, near Parramatta, N.S.W. .... K70239  
PT ♂, Royalla, near Queenbeyan, N.S.W. .... K70240  
PT ♀, Hay, N.S.W. .... K70241
- Duomyia personata* D. McAlpine, 1973:80.  
PT ♂, Black Mountain, A.C.T. .... K70058
- Duomyia convallis* D. McAlpine, 1973:80.  
PT ♀, Carnarvon Gorge, Qld. .... K70059
- Duomyia pallipes* D. McAlpine, 1973:82.  
PT ♀, Sydney, N.S.W. .... K70060  
PT ♂, Bondi sandhills, near Sydney, N.S.W. .... K70061
- Duomyia monteithi* D. McAlpine, 1973:84.  
PT ♀, Claudie River, near Mount Lamond, Qld. .... K70062
- Duomyia foliata* D. McAlpine, 1973:85.  
PT ♂, Red Island Point, near Cape York, Qld. .... K70063
- Duomyia eremia* D. McAlpine, 1973:89  
PT ♂, 77km WSW of Alice Springs, N.T. .... K70064
- Duomyia smaragdina* D. McAlpine, 1973:89.  
PT ♀, Cocoa Beach, Trimouille Island, W.A. .... K70065
- Duomyia lacunosa* D. McAlpine, 1973:90.  
PT 2 ♂, 1 ♀, Nedlands, near Perth, W.A. .... K70066-8  
PT ♂, Wyperfield National Park, Vic. .... K70069
- Duomyia marginalis* D. McAlpine, 1973:91.  
PT ♀, Bannyabba, c. 64km N of Grafton, N.S.W. .... K70070
- Duomyia chaetostigma* D. McAlpine, 1973:92.  
HT ♂, "Wheogo", 19km NE of Dunedoo, N.S.W. .... K70071
- Duomyia curta* D. McAlpine, 1973:97.  
HT ♂, PT 2 ♂, 9 ♀, Iluka, Clarence River, N.S.W. .... K70072-81
- Duomyia octoseta* D. McAlpine, 1973:98.  
HT ♂, PT 3 ♂, 4 ♀, Iluka, Clarence River, N.S.W. .... K70082-9
- Duomyia capnodes* D. McAlpine, 1973:103.  
PT ♂, Cape Naturaliste, W.A. .... K70090  
PT ♀, 6km W of Margaret River, W.A. .... K70091
- Duomyia ustulata* D. McAlpine, 1973:104.  
PT 1 ♂, 1 ♀, 8km N of Nannup, W.A. .... K70092-3
- Duomyia brevicornis* D. McAlpine, 1973:105.  
HT ♀, Flat Rock Crossing, Royal National Park, N.S.W. .... K70094
- Duomyia capitalis* D. McAlpine, 1973:108.  
PT 3 ♂, 1 ♀, Black Mountain, A.C.T. .... K70095-8
- Duomyia picta* D. McAlpine, 1973:108.  
HT ♂, PT ♂, Iluka, Clarence River, N.S.W. .... K70099-100

- Duomyia rasa* D. McAlpine, 1973:109.  
HT ♀, Kuranda, Qld. .... K70101
- Duomyia latipilus* D. McAlpine, 1973:110.  
HT ♂, PT ♂, Iluka, Clarence River, N.S.W. .... K70102-3
- Duomyia parallela* D. McAlpine, 1973:111.  
PT ♂, Dongara, W.A. .... K70104
- Duomyia adelaidae* D. McAlpine, 1973:112.  
PT ♂, National Park, S.A. .... K70105
- Duomyia iris* D. McAlpine, 1973:113.  
HT ♂, PT 2 ♀, Bunbury, W.A. .... K70106-8  
PT 2 ♀, Capel district, 29km S of Bunbury, W.A. .... K70109-10
- Duomyia acrogenea* D. McAlpine, 1973:113.  
PT ♂, 38km W of Moora, W.A. .... K70111
- Duomyia uptoni* D. McAlpine, 1973:114.  
PT ♂, 30km W of Watheroo, W.A. .... K70112
- Duomyia viridaurea* D. McAlpine, 1973:115.  
PT ♂, 66km E of Esperance, W.A. .... K70113
- Duomyia scintilla* D. McAlpine, 1973:118.  
PT ♀, National Park, N.S.W. .... K70114  
PT 1 ♂, 1 ♀, Halfway Creek, 29km S of Grafton, N.S.W. .... K70115-6
- Duomyia hypene* D. McAlpine, 1973:121.  
HT ♂, PT 6 ♂, 8 ♀, Goonoo State Forest, 8km S of Mendooran, N.S.W. . . K70117-30
- Duomyia loxocerina* D. McAlpine, 1973:127.  
HT ♂, McCarr's Creek, Ku-ring-gai Chase, near Sydney, N.S.W. .... K70132  
PT ♀, West Head, Ku-Ring-gai Chase, N.S.W. .... K70133  
PT 1 ♂, 1 ♀, Towler's Bay, Pittwater, near Sydney, N.S.W. .... K70134
- Duomyia cancellata* D. McAlpine, 1973:128.  
HT ♂, PT ♂, Iluka, Clarence River, N.S.W. .... K70135-6  
PT 2 ♂, Shoal Bay, near Port Stephens, N.S.W. .... K70137-8
- Duomyia hebes* D. McAlpine, 1973:129.  
PT 1 ♂, 1 ♀, Shute Harbour, near Proserpine, Qld. .... K70139-40
- Duomyia brevifurca* D. McAlpine, 1973:131.  
PT ♂, Mingela, Charters Towers district, Qld. .... K70141
- Duomyia rudis* D. McAlpine, 1973:131.  
PT ♀, Burnett River, Eidsvold, Qld. .... K70142
- Euprosopia rete* D. McAlpine, 1973:140.  
HT ♂, Kuranda, Qld.  
PT 2 ♂, 2 ♀, Mulgrave River, 6km W of Gordonvale, Qld. .... K69577-80
- Euprosopia acula* D. McAlpine, 1973:142.  
HT ♂, PT ♂, Barron River, The Crater, near Herberton, Qld. .... K69581-2
- Euprosopia xanthops* D. McAlpine, 1973:144.  
HT ♂, 3km E of Cardstone, Tully River, Qld. .... K69583  
PT ♂, Mulgrave River, 6km W of Gordonvale, Qld. .... K69584  
PT 5 ♀, 3km N of Tully River bridge, E of Cardstone, Qld. .... K69585-91
- Euprosopia lenticula* D. McAlpine, 1973:146.  
PT ♂, Palm Island, near Ingham, Qld. .... K69592

- Euprosopia sericata* D. McAlpine, 1973:146.  
 HT ♀ , 3km NW of Mount Mowbullan, Bunya Mountains, Qld. .... K69593  
 PT ♂ , Mary's Creek, near Gympie, Qld. .... K69594  
 PT 9♂, 3♀ , 3-4km NW of Mount Mowbullan, Bunya Mountains, Qld. K69595-606
- Euprosopia crassa* C. McAlpine, 1973:148.  
 PT 1♂, 1♀ , Nerang River, near Springbrook Forest, 21km  
 S of Nerang, Qld. .... K69608-9
- Euprosopia piperata* D. McAlpine, 1973:150.  
 HT ♂ , PT 3♂, 13♀ , Upper Allyn, near Eccleston, N.S.W. .... K69610-26
- Euprosopia conferta* D. McAlpine, 1973:151.  
 HT ♀ , PT 5♂, 10♀ , Birthday Creek Falls, near Paluma, Qld. .... K69627-42  
 PT ♀ , Birthday Creek, near Paluma, Qld. .... K69643  
 PT 1♂, 2♀ , 3km W of Paluma, Qld. .... K69644-6  
 PT 6♂, 14♀ , Paluma, Qld. .... K69647-66
- Euprosopia integra* D. McAlpine, 1973:153.  
 HT ♀ , PT 3♂, The Crater, near Herberston, Qld. .... K69667-70  
 PT ♂ , Atherton, Qld. .... K69671
- Euprosopia kurandae* D. McAlpine, 1973:154.  
 HT ♀ , PT 4♂, Kuranda, Qld. .... K69672-6
- Euprosopia mica* D. McAlpine, 1973:156.  
 HT ♀ , PT ♀ , The Crater, near Herberston, Qld. .... K69677-8
- Euprosopia remota* D. McAlpine, 1973:156.  
 HT ♂ , PT 7♀ , Tucker's Rock, near Repton, N.S.W. .... K69679-86  
 PT ♀ , Shoal Bay, near Port Stephens, N.S.W. .... K69687
- Euprosopia hollowayi* D. McAlpine, 1973:158.  
 HT ♂ , PT 2♂, 2♀ , 3km NW of Mount Mowbullan, Bunya  
 Mountains, Qld. .... K69688-92  
 PT ♂ , 5km NW of Mount Mowbullan, Bunya Mountains, Qld. .... K69693
- Euprosopia megastigma* D. McAlpine, 1973:159.  
 HT ♂ , PT 19♂, 6♀ , Otford, N.S.W. .... K69694-719  
 PT 6♂, 20♀ , Upper Allyn, near Eccleston, N.S.W. .... K69720-45  
 PT ♂ , Roseville, near Sydney, N.S.W. .... K69746
- Euprosopia crispa* D. McAlpine, 1973:160.  
 HT ♂ , PT 2♂, 2♀ , Newport, near Sydney, N.S.W. .... K69747-51  
 PT ♀ , West Head, Ku-ring-gai Chase, N.S.W. .... K69752  
 PT ♂ , Katoomba, N.S.W. .... K69753  
 PT 1♂, 1♀ , Ku-ring-gai Chase, N.S.W. .... K70245-6
- Euprosopia albipila* D. McAlpine, 1973:161.  
 HT ♂ , PT 4♂, 2♀ , Katoomba, N.S.W. .... K69754-60  
 PT ♂ , Rennix Gap, Snowy Mountains, N.S.W. .... K70549  
 PT ♀ , Perisher Valley, Snowy Mountains, N.S.W. .... K70550
- Euprosopia vitrea* D. McAlpine, 1973:165.  
 HT ♂ , PT 6♂, 21♀ , Mount Boyce, N.S.W. .... K69761-88  
 PT 6♂, 3♀ , 3km W of Katoomba, N.S.W. .... K69789-97  
 PT 2♂, 1♀ , Katoomba, N.S.W. .... K69798-800  
 PT 1♂, 1♀ , Boyd River, N.S.W. .... K69801-2

- Euprosopia alpina* D. McAlpine, 1973:167.  
 PT 5 ♀, Moonbar, N.S.W. .... K69803-7  
 PT ♀, Wilson's Valley, N.S.W. .... K69808  
 PT ♂, Lee's Springs, Brindabella Range, A.C.T. .... K70551  
 The A.C.T. specimen has not been located in the collection.
- Euprosopia celsa* D. McAlpine, 1973:168.  
 HT ♂, PT 1 ♂, 2 ♀, Point Lookout, New England National Park,  
 near Ebor, N.S.W. .... K69809-12
- Euprosopia hypostigma* D. McAlpine, 1973:168.  
 HT ♀, PT ♀, Upper Allyn, near Eccleston, N.S.W. .... K69813-4
- Euprosopia subacuta* D. McAlpine, 1973:169.  
 PT ♀, Picnic Rock, Lamington National Park, Qld. .... K69815
- Euprosopia filicornis* D. McAlpine, 1973:170.  
 HT ♂, PT 8 ♂, 5 ♀, Kurnell, N.S.W. .... K69816-29  
 PT ♀, Bronte, N.S.W. .... K69830  
 PT ♀, Centennial Park, near Sydney, N.S.W. .... K69831  
 PT ♀, Shoal Bay, near Port Stephens, N.S.W. .... K69832  
 PT 2 ♂, 2 ♀, Coogee, N.S.W. .... K47949
- Euprosopia ramosa* D. McAlpine, 1973:172.  
 HT ♀, The Crater, near Herberton, Qld. .... K69833
- Euprosopia subula* D. McAlpine, 1973:174.  
 HT ♀, PT 10 ♂, 14 ♀, Royal National Park, N.S.W. .... K69834-58  
 PT 4 ♂, 6 ♀, Otford, N.S.W. .... K69859-68  
 PT ♂, Ourimbah, near Gosford, N.S.W. .... K70553  
 PT ♀, Nepean River, N.S.W. .... K70554
- Euprosopia armipes* D. McAlpine, 1973:177.  
 HT ♀, PT 21 ♂, 26 ♀, Iluka, Clarence River, N.S.W. .... K69869-916  
 PT ♂, Brisbane, Qld. .... K69917
- Euprosopia monodon* D. McAlpine, 1973:178.  
 HT ♂, PT 1 ♂, 1 ♀, Tully River, 3km E of Cardstone, Qld. .... K69918-20
- Euprosopia comes* D. McAlpine, 1973:181.  
 HT ♂, PT ♂, Mulgrave River, 6km W of Gordonvale, Qld. .... K69921-2  
 PT ♀, Claudie River, near Mount Lamond, Qld. .... K69923  
 PT ♂, Townsville, Qld. .... K69924
- Euprosopia inermis* D. McAlpine, 1973:183.  
 HT ♀, Daintree River, 10km NW of Daintree, Qld. .... K69925
- Family PYRGOTIDAE
- Pyrgella carnei* Paramonov, 1958:117.  
 PT ♂, Little Desert, 8km S of Kiata, Vic. .... K70557
- Austromyia neglecta* D. Hardy, 1954:328.  
 HT ♀, AT ♂, PT ♂, Tuross, N.S.W. .... K70555-6  
*Neotoxura neglecta* (Hardy) (Paramonov, 1958:114).
- Musgravena anthonyi* Paramonov, 1958:117.  
 HT ♀, Little Desert, 14km S of Kiata, Vic. .... K67918  
 According to Steyskal (1965:447) this species is a synonym of  
*Musgravena nova* (Walker).
- Family TEPHRITIDAE  
 Subfamily DACINAE
- Callantra pusilla* May, 1965:58.  
 PT 2 ♂, Kuranda, Qld. .... K68422-3

- Dacus visendus* D. Hardy, 1951:135.  
PT 2♂, 2♀, Babinda, Qld. .... K67713
- Dacus breviaculeus* D. Hardy, 1951:145.  
PT♂, Cairns, Qld. .... K67716  
PT♀, Atherton Tableland, Qld. .... K67716
- Dacus kraussi* D. Hardy, 1951:156.  
PT 4♂, 1♀, Deeral, Qld. .... K67714  
PT 3♂, 2♀, Atherton, Qld. .... K67715
- Dacus laticaudus* D. Hardy, 1950:87.  
PT 6♂, 3♀, Deeral, Qld. .... K70558-9
- Strumeta aquilonis* May, 1965:62.  
PT 2♂, Nightcliff, N.T. .... K68424-5  
*Dacus aquilonis* (May) comb. nov.
- Strumeta tenuifascia* May, 1965:64.  
PT 2♂, Berrimah, N.T. .... K68426-7  
*Dacus tenuifascia* (May) comb. nov.
- Dacus algaiae* D. Hardy, 1951:132.  
PT♂, Atherton Tableland, Qld. .... K67712
- Subfamily TRYPETINAE
- Ceratitella bifasciata* D. Hardy, 1967:133.  
PT♂, Ravensbourne, Qld. .... K70552
- Ceratitella unifasciata* D. Hardy, 1967:137.  
PT♀, Cairns, Qld. .... K70560
- Hendelina australina* D. Hardy, 1951:180.  
PT 1♂, 1♀, Hartley's Creek, Qld. .... K67711  
*Myoleja australina* (Hardy) comb. nov.
- Rioxa confusa* D. Hardy, 1951:183.  
PT 1♂, 2♀, Julatten, Qld. .... K67721  
PT 4♂, Atherton, Qld. .... K67721  
*Dirioxa confusa* (Hardy) comb. nov.
- Superfamily MICROPEZOIDEA  
Family CYPSELOSOMATIDAE
- Cypselosoma australis* D. McAlpine, 1966:676.  
HT♂, PT 63♂, 39♀, Bat cave, Carrai, via Kempsey, N.S.W. .... K70562-4
- Superfamily HELEOMYZOIDEA  
Family HELEOMYZIDAE
- Tapeigaster marginifrons* Bezzi, 1923:74.  
ST♂, Blue Mountains, N.S.W. (Labelled "Type ♂") .... K47510  
ST♀, Sydney, N.S.W. (Labelled "Type ♀") .... K47510
- Tapeigaster argyrospila* Bezzi, 1923:77.  
HT♂, Blue Mountains, N.S.W. .... K47512
- Tapeigaster luteipennis* Bezzi, 1923:76.  
HT♂, Ecclestone, N.S.W. .... K47511
- Leriopsis montana* D. McAlpine, 1967:76.  
HT♀, PT 10♂, 8♀, Lake Wilks to Lake Dove, Cradle Mountain, Tas. K68786-92  
PT 3♂, 6♀, Hanson's Peak to Cradle Mountain, Tas. .... K68793-5

PT ♂ , Waldheim, Cradle Mountain, Tas. ....	K68797
PT ♂ , 26km NE of Cradle Mountain, Tas. ....	K68796
PT ♂ , Mount Barrow, near Launceston, Tas. ....	K68798
PT ♂ , Franklin River crossing, Lyell Highway, Tas. ....	K68799
PT 1♂, 2♀ , Lake Esperance, Hartz Mountains, Tas. ....	K68800
<i>Trioxleria maculata</i> D. McAlpine, 1967:78.	
HT ♂ , Mount York, Blue Mountains, N.S.W. ....	K68801
PT 4♂, 2♀ , Mount Boyce, Blue Mountains, N.S.W. ....	K68803-7
PT ♂ , Wentworth Falls, Blue Mountains, N.S.W. ....	K68802
PT ♀ , Burke's Creek, near The Rock, N.S.W. ....	K68808
<i>Austroleria extensa</i> D. McAlpine, 1967:80.	
HT ♂ , PT 47♂, 56♀ , Mount Wilson, Blue Mountains, N.S.W. ....	K68809-42
PT ♀ , Mount York, Blue Mountains, N.S.W. ....	K68843
PT 2♂, below Govett's Leap, Blue Mountains, N.S.W. ....	K68844
PT ♀ , Katoomba, N.S.W. ....	K68846
PT 2♂, 2♀ , Wentworth Falls, N.S.W. ....	K68847-50
PT ♂ , Kurrajong, near Richmond, N.S.W. ....	K68845
PT 3♂, 2♀ , Tubrabucca, Upper Hunter district, N.S.W. ....	K68854-5
PT 2♂, 1♀ , Otford, Illawarra district, N.S.W. ....	K68851-2
PT 2♀ , Clyde Mountain, near Braidwood, N.S.W. ....	K68853
<i>Austroleria truncata</i> D. McAlpine, 1967:81.	
HT ♂ , PT 49♂, 59♀ , Mount Wilson, Blue Mountains, N.S.W. ....	K68954-91
PT ♂ , below Govett's Leap, Blue Mountains, N.S.W. ....	K68993
PT ♀ , Wentworth Falls, N.S.W. ....	K68992
PT ♀ , Kurrajong, near Richmond, N.S.W. ....	K68994
<i>Diplogeomyza incisa</i> D. McAlpine, 1967:85.	
HT ♂ , Fernshaw, 10km E of Healesville, Vic. ....	K68856
<i>Diplogeomyza wirthi</i> D. McAlpine, 1967:86.	
HT ♂ , Colo Vale, near Mittagong, N.S.W. ....	K68857
PT 8♂, Clyde Mountain, near Braidwood, N.S.W. ....	K68858-9
PT ♂ , Mount York, Blue Mountains, N.S.W. ....	K68860
PT 7♂, 4♀ , Mount Wilson, Blue Mountains, N.S.W. ....	K68861-3
<i>Diplogeomyza conformis</i> D. McAlpine, 1967:88.	
PT ♂ , Clyde Mountain, near Braidwood, N.S.W. ....	K68867
PT 3♂, 5♀ , Black Mountain, Canberra, A.C.T. ....	K68864-6
PT 1♂, 1♀ , Paddy's River, near Marulan, N.S.W. ....	K68868
<i>Diplogeomyza immaculata</i> D. McAlpine, 1967:89.	
HT ♀ , PT 5♂, 8♀ , Barron River, The Crater, Herberton, Qld. ....	K68869-75
<i>Diplogeomyza hardyi hardyi</i> D. McAlpine, 1967:90.	
HT ♂ , PT 2♂, 14♀ , Katoomba, N.S.W. ....	K68876-94
PT 41♂, 35♀ , Mount Wilson, Blue Mountains, N.S.W. ....	K68895-914
<i>Diplogeomyza hardyi tasmanica</i> D. McAlpine, 1967:92.	
HT ♂ , PT 3♂, 4♀ , Anne River, near Geeveston, Tas. ....	K68915-7
PT ♀ , Hartz Mountains, Tas. ....	K68931
PT 3♂, 4♀ , Ferntree, near Hobart, Tas. ....	K68929-30
PT ♂ , near Russell Falls, Mount Field National Park, Tas. ....	K68927
PT 3♂, Eaglehawk Neck, Tas. ....	K68928
PT 2♂, Lake Saint Clair, Tas. ....	K68926
PT ♀ , Renison Bell, Tas. ....	K68925
PT 2♂, 1♀ , Pieman River, near Roseberry, Tas. ....	K68923-4



- PT ♀ , Waldheim, near Cradle Mountain, Tas. .... K68922  
 PT 1♂ , 1♀ , Marakoopa Caves, near Mole Creek, Tas. .... K68919-20  
 PT ♂ , Western Tiers, Lake Highway, Tas. .... K68921  
 PT ♀ , Mount Barrow, near Launceston, Tas. .... K68918
- Diplogeomyza flavipalpis* D. McAlpine, 1967:93.  
 HT ♂ , PT ♀ , Mount Boyce, near Blackheath, N.S.W. .... K69044-5  
 PT ♀ , Mount Wilson, Blue Mountains, N.S.W. .... K69046
- Diplogeomyza tridens* D. McAlpine, 1967:94.  
 HT ♂ , PT 4♂ , 4♀ , Binna Burra, Lamington National Park, Qld. .... K69003-6  
 PT 11♂ , 14♀ , Tamborine Mountain, Qld. .... K69014-20  
 PT 2♂ , Mount Glorious, near Brisbane, Qld. .... K69013  
 PT 8♂ , 12♀ , Summer Creek, near Kennilworth, Qld. .... K69008-12  
 PT ♀ , Mapleton, Qld. .... K69007  
 PT ♀ , Huonbrook, near Mullumbimby, N.S.W. .... K69021  
 PT ♂ , Bruxner Park, near Coff's Harbour, N.S.W. .... K69022  
 PT 4♀ , Dorrigo National Park, N.S.W. .... K69023-4
- Diplogeomyza victoriae* D. McAlpine, 1967:96.  
 HT ♂ , PT ♂ , Mount Donna Buang, near Warburton, Vic. .... K69025-6  
 PT 5♂ , 6♀ , Cement Creek, near Warburton, Vic. .... K69027-31  
 PT 2♀ , Warburton, Vic. .... K69032  
 PT ♀ , Ferntree Gully, Vic. .... K69033  
 PT ♂ , 21km W of Matlock, Vic. .... K69034  
 PT ♂ , Frenchman's Gap, near Wood's Point, Vic. .... K69035
- Diplogeomyza annularis* D. McAlpine, 1967:96.  
 HT ♂ , PT 3♂ , 2♀ , Royal National Park, N.S.W. .... K69036-41  
 PT 1♂ , 1♀ , Otford, N.S.W. .... K69042-3
- Diplogeomyza spinosa* D. McAlpine, 1967:98.  
 HT ♂ , PT 19♂ , 32♀ , Royal National Park, N.S.W. .... K69047-69  
 PT 10♂ , Otford, N.S.W. .... K69070-5  
 PT 10♂ , 6♀ , Minnamurra Falls, near Kiama, N.S.W. .... K69076-83  
 PT ♂ , Clyde Mountain, near Braidwood, N.S.W. .... K69084  
 PT ♀ , Springwood, N.S.W. .... K69098  
 PT 4♂ , 3♀ , Wentworth Falls, N.S.W. .... K69095-7  
 PT ♀ , below Govett's Leap, Blue Mountains, N.S.W. .... K69094  
 PT 6♂ , 3♀ , Mount Wilson, Blue Mountains, N.S.W. .... K69087-93  
 PT ♀ , near Mangrove Mountain, Hawkesbury River, N.S.W. .... K69085  
 PT ♂ , Mooney Mooney Creek, near Gosford, N.S.W. .... K69086
- Diplogeomyza signata* D. McAlpine, 1967:99.  
 HT ♂ , PT 2♂ , 3♀ , Wentworth Falls, N.S.W. .... K69099-102  
 PT ♂ , below Govett's Leap, Blue Mountains, N.S.W. .... K69105  
 PT ♀ , Mount Wilson, Blue Mountains, N.S.W. .... K69104  
 PT ♂ , Mooney Mooney Creek, near Gosford, N.S.W. .... K69103  
 PT 10♂ , 7♀ , Royal National Park, N.S.W. .... K69106-22  
 PT 1♂ , 1♀ , Otford, N.S.W. .... K69123-4  
 PT 1♂ , 4♀ , Minnamurra Falls, near Kiama, N.S.W. .... K69126-30
- Diplogeomyza media* D. McAlpine, 1967:100.  
 HT ♂ , PT 7♂ , 7♀ , Mount Wilson, Blue Mountains, N.S.W. .... K69132-44  
 PT ♀ , Mount York, Blue Mountains, N.S.W. .... K69145  
 PT ♂ , Wentworth Falls, N.S.W. .... K69146  
 PT ♀ , Gowee Gulch, near Rylstone, N.S.W. .... K69151

- PT 2♂, 1♀, Royal National Park, N.S.W. .... K69147-9  
 PT 3♂, Clyde Mountain, near Braidwood, N.S.W. .... K69150
- Diplogeomyza pectinervis* D. McAlpine, 1967:104.  
 HT♂, PT 1♂, 2♀, Kurrajong, N.S.W. .... K69152-5  
 PT♀, Mount Wilson, Blue Mountains, N.S.W. .... K69172  
 PT♀, Wollombi, near Cessnock, N.S.W. .... K69169  
 PT 3♀, Mooney Mooney Creek, near Gosford, N.S.W. .... K69170  
 PT 4♂, 9♀, Royal National Park, N.S.W. .... K69156-67  
 PT♀, Palm Grove, near Wyong, N.S.W. .... K69171  
 PT♂, Colo Vale, near Mittagong, N.S.W. .... K69168
- Cairnsimyia sydneyensis* D. McAlpine, 1968:270.  
 PT♀, Sydney, N.S.W. .... K69173
- Cairnsimyia excavata* D. McAlpine, 1968:271.  
 PT 1♂, 1♀, Stanthorpe, Qld. .... K69174-5
- Cairnsimyia uniseta* D. McAlpine, 1968:272.  
 HT♂, Kurrajong, N.S.W. .... K69176
- Cairnsimyia cavifrons* Malloch, 1931:294.  
 PT♂, Cairns, Qld. .... K68580

## Family SPHAEROCERIDAE

- Leptocera papuana* Richards, 1973:308.  
 PT♂, Lake Placid, near Cairns, Qld. .... K70407
- Leptocera territorialis* Richards, 1973:313.  
 PT♀, Kuranda, Qld. .... K70428  
 PT 2♀, near head of Clohesy River, Atherton Tableland, Qld. .... K70429
- Leptocera peculiaris* Richards, 1973:324.  
 PT 2♂, 7♀, Kurnell, N.S.W. .... K70430-2
- Leptocera fucicola* Richards, 1973:326.  
 HT♂, Long Reef, near Sydney, N.S.W. .... K70433  
 PT 1♂, 1♀, Careel Bay, near Avalon, N.S.W. .... K70434  
 Both paratypes are slightly damaged.
- Leptocera subsinuata* Richards, 1973:331.  
 PT♂, Otford, N.S.W. .... K70440  
 PT♂, Northmead, N.S.W. .... K70441  
 PT 1♂, 1♀, Royal National Park, N.S.W. .... K70442-3  
 PT♂, Mount Wilson, Blue Mountains, N.S.W. .... K70444  
 PT♀, Kuranda, Qld. .... K70439  
 PT♀, Broken River, Eungella, Qld. .... K70438
- Leptocera dorrigoensis* Richards, 1973:333.  
 HT♂, Dorrigo National Park, N.S.W. .... K70435  
 PT♂, Royal National Park, N.S.W. .... K70436  
 PT♀, Otford, N.S.W. .... K70437  
 PT♂, Mount Glorious, near Brisbane, Qld. .... K70491  
 The Queensland specimen is represented by a wing mounted on a slide.
- Leptocera nitidipleura* Richards, 1973:336.  
 HT♂, PT 3♂, 3♀, Royal National Park, N.S.W. .... K70445-51  
 PT 2♂, Mount Wilson, Blue Mountains, N.S.W. .... K70457-8  
 PT♀, Minnamurra Falls, near Kiama, N.S.W. .... K70459  
 PT♀, Mooney Mooney Creek, near Gosford, N.S.W. .... K70460

- Leptocera fuscalis* Richards, 1973:338.  
HT ♀ , PT ♀ , Katoomba, N.S.W. .... K70461-2  
The paratype has the head missing.
- Leptocera trivittata* Richards, 1973:340.  
HT ♂ , Otford, N.S.W. .... K70463  
PT ♀ , below Govett's Leap, Blue Mountains, N.S.W. .... K70464  
PT ♀ , Katoomba, N.S.W. .... K70465  
PT ♂ , Binna Burra, Lamington National Park, Qld. .... K70466
- Leptocera percostata* Richards, 1973:342.  
PT ♀ , Clyde Mountain, near Braidwood, N.S.W. .... K70467
- Leptocera wilsoni* Richards, 1973:343.  
HT ♀ , PT 1♂ , 1♀ , Mount Wilson, Blue Mountains, N.S.W. .... K70468-70  
The ♂ paratype is represented by a wing and two legs.
- Leptocera capitalis* Richards, 1973:343.  
PT 3♀ , Burke's Creek, near The Rock, N.S.W. .... K70471  
One specimen has the head missing.
- Leptocera wentworthi* Richards, 1973:355.  
HT ♂ , Wentworth Falls, Blue Mountains, N.S.W. .... K70475
- Leptocera hardyina* Richards, 1973:347.  
HT ♂ , PT ♀ , Mount Wilson, Blue Mountains, N.S.W. .... K70472-3  
PT ♀ , Katoomba, N.S.W. .... K70474
- Leptocera kurandensis* Richards, 1973:358.  
HT ♀ , PT 4♀ , Kuranda, Qld. .... K70477-9
- Leptocera cercalis* Richards, 1973:362.  
HT ♀ , Otford, N.S.W. .... K70481
- Leptocera aestivalis* Richards, 1973:368.  
PT ♂ , Otford, N.S.W. .... K70482  
PT 2♂ , Huonbrook, near Mullumbimby, N.S.W. .... K70483  
PT ♂ , Springwood, N.S.W. .... K70484
- Leptocera popularis* Richards, 1973:378.  
HT ♂ , PT 3♀ , Royal National Park, N.S.W. .... K70488-9
- Leptocera fenestrata* Richards, 1973:379.  
HT ♀ , Binna Burra, Lamington National Park, Qld. .... K70486  
PT ♂ , Otford, N.S.W. .... K70487
- Superfamily OPOMYZOIDEA  
Family LONCHAEIDAE
- Dasiops spathistilus* J. McAlpine, 1964:672.  
HT ♀ , AT ♂ , PT ♀ , Dee Why Lagoon, near Sydney, N.S.W. .... K68351-3
- Dasiops ruidifrons* J. McAlpine, 1964:678.  
HT ♀ , Katoomba, N.S.W. .... K68354  
PT ♀ , Kuranda, Qld. .... K68355
- Dasiops phrikosifrons* J. McAlpine, 1964:678.  
HT ♂ , AT ♀ , PT 16♂ , Bronte, near Sydney, N.S.W. .... K68356-73
- Lamprolonchaea fulgida* J. McAlpine, 1964:695.  
PT ♂ , 29km S of Bunbury, Capel district, W.A. .... K68374
- Silba adelosa* J. McAlpine, 1964a:701.  
PT ♂ , Otford, N.S.W. .... K68375

- Silba vanemdeni* J. McAlpine, 1975:998.  
PT 1♂, 1♀, Claudie River, near Mount Lamond, Qld. .... K70688
- Silba ramuscula* J. McAlpine, 1964a:710.  
HT♂, Mulgrave River, 6km W of Gordonvale, Qld. .... K68381
- Silba horridomedeae* J. McAlpine, 1964a:711.  
HT♂, AT♀, PT♂, Daintree River, Qld. .... K68382-4
- Silba zopherosa* J. McAlpine, 1964a:704.  
HT♂, PT 4♂, Lake Placid, near Cairns, Qld. .... K68376-80  
This species is a synonym of *Lonchaea obscuripennis* de Meijere  
(J. McAlpine, 1975:996).
- Lonchaea choreoides* Bezzi, 1923c:184.  
ST 1♂, 1♀, Sydney, N.S.W. .... K48705
- Lonchaea cuneifrons* J. McAlpine, 1964a:748.  
HT♂, Lake Placid, near Cairns, Qld. .... K68502  
AT♀, Canal Creek, near Russel River, Qld. .... K68503

## Family CLUSIIDAE

- Tetrameringia ustulata* D. McAlpine, 1960:69.  
HT♂, PT♀, Sassafras Gully, Springwood, N.S.W. .... K67954-5  
PT 2♂, 2♀, Wentworth Falls, N.S.W. .... K67956-8  
PT♂, Royal National Park, N.S.W. .... K67959  
PT 4♂, 9♀, Otford, N.S.W. .... K67960-4
- Tetrameringia pubescens* D. McAlpine, 1960:70.  
HT♂, Mount Wilson, Blue Mountains, N.S.W. .... K67965
- Heteromeringia pulla* D. McAlpine, 1960:73.  
HT♂, PT 8♂, 1♀, Royal National Park, N.S.W. .... K67966-70  
PT♀, Otford, N.S.W. .... K67971
- Heteromeringia spinulosa* D. McAlpine, 1960:74.  
HT♂, below Govett's Leap, Blue Mountains, N.S.W. .... K67972  
PT♂, Otford, N.S.W. .... K67973
- Heteromeringia norrisi* D. McAlpine, 1960:74.  
PT 1♂, 1♀, Applecross, near Perth, W.A. .... K67974-5
- Heteromeringia hardyi* D. McAlpine, 1960:75.  
HT♂, PT 2♂, 7♀, Katoomba, N.S.W. .... K67976-85
- Heteromeringia laticornis* D. McAlpine, 1960:76.  
HT♂, Royal National Park, N.S.W. .... K67986  
PT♂, Otford, N.S.W. .... K67987
- Czernyola australis* D. McAlpine, 1960:78.  
PT♀, Katoomba, N.S.W. .... K67988  
*Craspedochaeta australis* (McAlpine) comb. nov.
- Czernyola bisignata* D. McAlpine, 1960:78.  
HT♂, PT♀, Kuranda, Qld. .... K67989-90  
*Craspedochaeta bisignata* (McAlpine) comb. nov.
- Czernyola delta* D. McAlpine, 1960:79.  
HT♂, PT 2♂, 2♀, Lake Placid, near Cairns, Qld. .... K67991-4  
PT♂, Kuranda, Qld. .... K67995  
*Craspedochaeta delta* (McAlpine) comb. nov.

<i>Clusiodes gladiator</i> D. McAlpine, 1960:81.	
HT ♂, PT ♀, Royal National Park, N.S.W. ....	K67999-8000
PT 3 ♂, 1 ♀, Otford, N.S.W. ....	K68001-3
PT 4 ♂, 3 ♀, Wentworth Falls, N.S.W. ....	K68004-7
PT 4 ♂, below Govett's Leap, Blue Mountains, N.S.W. ....	K68008-10
PT 3 ♂, 1 ♀, Mount Wilson, Blue Mountains, N.S.W. ....	K68011-3
PT ♂, Barron River, near The Crater, Atherton Tableland, Qld. ....	K68014
<i>Clusiodes arguta</i> D. McAlpine, 1960:82.	
HT ♂, PT 4 ♀, Wentworth Falls, N.S.W. ....	K67996-8
<i>Clusiodes megaspilos</i> D. McAlpine, 1960:83.	
HT ♂, PT 3 ♂, 5 ♀, Wentworth Falls, N.S.W. ....	K68015-20
PT ♂, Mount Wilson, Blue Mountains, N.S.W. ....	K68021
<i>Clusiodes clara</i> D. McAlpine, 1960:83.	
HT ♀, Silkwood, near Innisfail, Qld. ....	K68022
<i>Parahendelia latifrons</i> D. McAlpine, 1960:84.	
HT ♂, PT ♀, Wentworth Falls, N.S.W. ....	K68023-4
PT 3 ♂, Mount Wilson, Blue Mountains, N.S.W. ....	K68025-7
<i>Parahendelia nigriceps</i> D. McAlpine, 1960:85.	
HT ♂, Mount Wilson, Blue Mountains, N.S.W. ....	K68028
<i>Allometopon striatum</i> D. McAlpine, 1960:87.	
HT ♀, Kuranda, Qld. ....	K68029

## Family AGROMYZIDAE

<i>Agromyza testacea</i> Spencer, 1963:308.	
HT ♀, Kuranda, Qld. ....	K68596
<i>Japanagromyza eucalypti</i> Spencer, 1963:309.	
HT ♂, Lisarow, N.S.W. ....	K68597
<i>Melanagromyza apii</i> Hering, 1951:736.	
PT ♀, Mona Vale, N.S.W. ....	K70561
PT 2 ♂, 1 ♀, Mascot, N.S.W. ....	K70565
<i>Melanagromyza cassiae</i> Spencer, 1963:314.	
PT ♀, Careel Bay, near Avalon, N.S.W. ....	K68598
<i>Melanagromyza placida</i> Spencer, 1963:319.	
HT ♂, Lake Placid, near Cairns, Qld. ....	K68599
<i>Melanagromyza seneciophila</i> Spencer, 1963:319.	
PT ♀, Waterfall, Royal National Park, N.S.W. ....	K68600
<i>Ophiomyia solanicola</i> Spencer, 1963:324.	
PT ♀, Clyde Mountain, near Braidwood, N.S.W. ....	K68620
<i>Phytobia caliginosa</i> Spencer, 1963:327.	
HT ♀, Sassafras Gully, Springwood, N.S.W. ....	K68601
<i>Amauromyza caliginosa</i> (Spencer) (Spencer, in press).	
<i>Phytobia poemyzina</i> Spencer, 1963:328.	
HT ♂, PT ♀, Otford, N.S.W. ....	K68602
PT ♂, Katoomba, N.S.W. ....	K68603
PT ♀, Mount Wilson, Blue Mountains, N.S.W. ....	K68604
<i>Cerodontha poemyzina</i> (Spencer) (Spencer, in press).	
<i>Phytobia triplicata</i> Spencer, 1963:328.	
HT ♀, PT 3 ♂, Pacific Highway, south side of Hawkesbury River, N.S.W. ....	K70566
PT ♂, Wentworth Falls, N.S.W. ....	K70567

- PT 1♂, 1♀, Royal National Park, N.S.W. .... K70568  
 PT 2♂, Hartley, N.S.W. .... K70569  
 PT 1♂, 3♀, Bargo, N.S.W. .... K70570  
*Cerodontha triplicata* (Spencer) (Spencer, in press).
- Liriomyza australina* Spencer, 1963:331.  
 HT♀, Sassafras Gully, near Springwood, N.S.W. .... K68605  
 PT♂, Otford, N.S.W. .... K68606
- Liriomyza helichrysi* Spencer, 1963:333.  
 PT♂, Mount Gibraltar, near Bowral, N.S.W. .... K68607
- Liriomyza obscurata* Spencer, 1963:334.  
 HT♂, Tubrabucca to Moonan, Upper Hunter district, N.S.W. .... K68608  
 PT♂, Mount Wilson, Blue Mountains, N.S.W. .... K68612  
 PT 1♂, 1♀, Belltrees, near Scone, N.S.W. .... K68613  
 PT 2♀, Bronte, near Sydney, N.S.W. .... K68609  
 PT♀, Mount Tomah, Blue Mountains, N.S.W. .... K68610  
 PT♀, Lawson, Blue Mountains, N.S.W. .... K68611
- Phytoliriomyza australensis* Spencer, 1963:335.  
 HT♂, Royal National Park, N.S.W. .... K68614  
 PT 2♀, Sassafras Gully, Springwood, N.S.W. .... K68617  
 PT 2♂, Jenolan camping ground, Blue Mountains, N.S.W. .... K68615  
 PT♂, head of Clohesy River, Atherton Tableland, Qld. .... K68618  
 PT 2♂, Lawson, Blue Mountains, N.S.W. .... K68616  
 The Queensland specimen has not been located in the collection.
- Phytobia pittosporocaulis* Hering, 1962:84.  
 PT 2♂, 1♀, Normanhurst, near Sydney, N.S.W. .... K70571  
 PT 2♀, Sydney, N.S.W. .... K70572  
*Phytoliriomyza pittosporocaulis* (Hering) (Spencer, in press).
- Phytobia pittosporophylli* Hering, 1962:89.  
 PT 8♂, 4♀, Roseville, near Sydney, N.S.W. .... K68624  
*Phytoliriomyza pittosporophylli* (Hering) (Spencer, in press).
- Phytomyza clematidicola* Spencer, 1963:337.  
 PT♂, Sassafras Gully, near Springwood, N.S.W. .... K68619

Superfamily ASTEIOIDEA  
 Family ASTEIIDAE

- Leiomyza nitidula* Malloch, 1924c:338.  
 HT♀, Sydney, N.S.W. .... K70573

Superfamily DROSOPHILOIDEA  
 Family DROSOPHILIDAE

- Drosophila versicolor* Mather, 1955:573.  
 ST 3♂, 3♀, Moggill, near Brisbane, Qld. .... K67825-30  
 Specimens are labelled "HT♂", "AT♀" and PT.  
 This is a synonym of *Drosophila buzzatii* Paterson and Wheeler  
 (Mather, 1957:224).
- Drosophila setifemur* Malloch, 1924d:351.  
 HT♀, Sydney, N.S.W. .... K50090  
 This species is a synonym of *Drosophila sulfurigaster* (Duda)  
 (Wilson, et al., 1969:211).

- Drosophila serrata birchii* Dobzhansky and Mather, 1961:464.  
ST 1♂, 1♀, Crystal Cascades, near Cairns, Qld. .... K70574-5  
Labelled HT and AT.  
*Drosophila birchii* Dobzhansky and Mather (Ayala, 1965:538).
- Drosophila smithersi* Bock, 1976:17.  
HT ♂, Mulgrave River, 6km W of Gordonvale, Qld. .... K70576
- Drosophila dispar* Mather, 1955:570.  
ST 3♂, 3♀, Samford, Qld. .... K67819-24  
Labelled HT ♂, AT ♀, and PT.
- Drosophila pinnitarsus* Bock, 1976:21.  
HT ♂, PT 1♂, 1♀, Huonbrook, near Mullumbimby, N.S.W. .... K70577-8
- Drosophila progastor* Bock, 1976:24.  
HT ♂, Birthday Creek, 11km W of Paluma, Qld. .... K70579
- Drosophila polypori* Malloch, 1924d:351.  
HT ♀, Ourimbah, N.S.W. .... K50088  
This specimen is damaged, having the abdomen and a wing missing.
- Drosophila mycetophaga* Malloch, 1924d:351.  
HT ♂, Ourimbah, N.S.W. .... K50089
- Drosophila allynensis* Bock, 1976:29.  
PT ♀, Dorriggo National Park, N.S.W. .... K70580
- Drosophila whianensis* Bock, 1976:30.  
HT ♀, Whian Whian State Forest, near Lismore, N.S.W. .... K70581
- Drosophila macalpinei* Bock, 1976:30.  
HT ♀, Whian Whian State Forest, near Lismore, N.S.W. .... K70582  
PT ♂, Upper Allyn, near Eccleston, N.S.W. .... K70583
- Drosophila mixtura* Bock, 1976:32.  
HT ♂, PT ♂, Lake Barrine, Atherton Tableland, Qld. .... K70584-5
- Drosophila palumae* Bock, 1976:38.  
HT ♀, 3km SW of Paluma, Qld. .... K70586
- Drosophila lativittata* Malloch, 1923a:618.  
HT ♀, Sydney, N.S.W. .... K48513
- Drosophila cancellata* Mather, 1955:550.  
ST 3♂, 3♀, Moggill, near Brisbane, Qld. .... K67778-83  
Labelled HT ♂, AT ♀, and paratypes.
- Drosophila obsoleta* Malloch, 1923a:616.  
HT ♀, Sydney, N.S.W. .... K48516
- Drosophila inornata* Malloch, 1923a:617.  
HT ♀, Blue Mountains, N.S.W. .... K48514  
The head, abdomen, a wing and the legs are missing from this specimen.
- Drosophila rhabdote* Bock, 1976:53.  
HT ♀, Marakoopa Caves, near Mole Creek, Tas. .... K70587  
PT ♂, Templestowe, Vic. .... K70588
- Drosophila barkeri* Bock, 1976:56.  
HT ♀, Otford, N.S.W. .... K70589  
PT ♂, Upper Allyn, near Eccleston, N.S.W. .... K70590
- Drosophila exemplar*, Bock, 1976:57.  
HT ♀, Iluka, Clarence River, N.S.W. .... K70591

- Drosophila concolor* Bock, 1976:60.  
HT ♂, Claudie River, near Mount Lamond, Qld. .... K70592
- Drosophila mulgravei* Bock, 1976:61.  
HT ♂, PT ♂, Mulgrave River, 6km W of Gordonvale, Qld. .... K70593-4
- Drosophila brunneipennis* Malloch, 1923a:617.  
HT ♀, Sydney, N.S.W. .... K48515
- Drosophila levis* Mather, 1955:561.  
ST 3 ♂, 3 ♀, Maroochydore, Qld. .... K67805-10  
Labelled HT ♂, AT ♀, and PT.  
This is a synonym of *Drosophila bryani* Malloch (Mather, 1956:65).
- Drosophila albostrata* Malloch, 1924c:352.  
HT ♀, PT 2 ♀, Eidsvold, Qld. .... K50091
- Drosophila opaca* Mather, 1955:558.  
ST 3 ♂, 3 ♀, Noosa, Qld. .... K67793-8  
Labelled HT ♂, AT ♀, and PT.  
This is a synonym of *Drosophila subnitida* Malloch (Bock, 1976:74).
- Drosophila maculosa* Mather, 1955:560.  
ST 3 ♂, 3 ♀, Moggill, Qld. .... K67799-804  
Labelled HT ♂, AT ♀ and PT.  
*Drosophila novamaculosa* Mather, 1956:65 (*maculosa* preoccupied).
- Drosophila megagenys* Bock, 1976:79.  
HT ♀, Brown Mountain, near Nimmitabel, N.S.W. .... K70595
- Drosophila parsonsi* Bock, 1976:80.  
HT ♀, Wilson's Promontory, Vic. .... K70596  
PT ♂, Fernshaw, near Healesville, Vic. .... K70597
- Drosophila fimbriata* Bock, 1976:85.  
HT ♂, St. Helen's Creek, Mackay district, Qld. .... K70598
- Drosophila crocata* Bock, 1976:93.  
HT ♂, Mulgrave River, 6km W of Gordonvale, Qld. .... K70599
- Leucophenga poeciliventris* Malloch, 1923a:614.  
HT ♀, Blue Mountains, N.S.W. .... K48520
- Leucophenga scutellata* Malloch, 1923a:614.  
HT ♀, Sydney, N.S.W. .... K48517
- Leucophenga niveifasciata* Malloch, 1923a:614.  
HT ♂, Woolgoolga, N.S.W. .... K48518
- Leucophenga polita* Malloch, 1923a:615.  
HT ♀, Woolgoolga, N.S.W. .... K48521
- Leucophenga conjuncta* Malloch, 1924d:350.  
HT ♂, no data. .... K50092
- Amiota annulata* Malloch, 1923a:612.  
HT ♂, Eidsvold, Qld. .... K48523

## Family MILICHIIDAE

- Hypaspistomyia albipennis* Malloch, 1924c:336.  
HT ♂, Belaringar, N.S.W. .... K50093  
This specimen is damaged.



## Family CRYPTOCHETIDAE

- Librella demetrius* D. McAlpine, 1976:46.  
HT ♀, Wingabutta Creek, 37km N of Mendooran, N.S.W. .... K70600

## Family CANACEIDAE

- Trichocanace marksae* Wirth, 1964:226.  
PT 1♂, 1♀, Cairns, Qld. .... K68627-8

## Family CHLOROPIDAE

- Ephydroscinis raymenti* Curran, 1930:1.  
PT 2♀, Port Phillip, Vic. .... K66965  
*Lasiopleura raymenti* (Curran) comb. nov.
- Parahippelates costomaculata* Malloch, 1924c:329.  
HT ♂, Sydney, N.S.W. .... K50094  
*Lasiopleura costomaculata* (Malloch) (Malloch, 1940:270).
- Parahippelates albiseti* Malloch, 1924c:330.  
HT ♂, Eidsvold, Qld. .... K50096  
*Lasiopleura albiseti* (Malloch) (Malloch, 1940:272).

## Superfamily MUSCOIDEA

## Family MUSCIDAE

## Subfamily MUSCINAE

- Musca terraereginae* Johnston and Bancroft, 1920:31.  
Paralectotypes, 1♂, 1♀, no data (possibly Eidsvold, Qld.). .... K70601
- Musca hilli* Johnston and Bancroft, 1920:35.  
Paralectotype ♀, no data (possibly Eidsvold, Qld.). .... K70602  
This is a synonym of *Musca terraereginae* Johnston and Bancroft, (Pont, 1973:180).

## Subfamily FANNIINAE

- Fannia australis* Malloch, 1923a:605.  
HT ♂, Sydney, N.S.W. .... K50114

## Subfamily EGINIINAE

- Neohelina flavomarginata* Malloch, 1925:329.  
HT ♀, Myponga, S.A. .... K50101
- Neohelina semivittata* Malloch, 1924:415.  
HT ♂, Lowanna, East Dorrigo, N.S.W. .... K48522

## Subfamily COENOSIINAE

- Pectiniseta similis* Pont, 1972:147.  
HT ♂, Mulgrave River, 6km W of Gordonvale, Qld. .... K70603  
PT ♂, Kuranda, Qld. .... K70604  
PT 2♀, North Maria Creek, near Silkwood, Qld. .... K70605  
PT ♀, Mopo, near Babinda, Qld. .... K70606  
The holotype has not been located in the collection.
- Pectiniseta occulta* Pont, 1972:149,  
HT ♂, PT 1♂, 1♀, Claudie River, near Mount Lamond, Qld. .... K70607-8  
The holotype has not been located in the collection.
- Coenosia spumicola* Pont, 1973a:179.  
PT 3♂, Vacluse, near Sydney, N.S.W. .... K70609-10

- Atherigona tibiseta* Malloch, 1924b:145.  
HT ♂, Mosman, near Sydney, N.S.W. .... K50112
- Subfamily PHAONIINAE
- Prohardyia macalpinei* Pont, 1969a:947.  
HT ♀, Fernshaw, near Healesville, Vic. .... K70611  
This specimen has not been located in the collection.
- Ophyra pallicornis* Pont, 1973:247.  
HT ♀, Claudie River, near Mount Lamond, Qld. .... K70613
- Helina flavofusca* Malloch, 1924b:143.  
HT ♀, Narrabeen, near Sydney, N.S.W. .... K50100
- Helina hirtibasis* Malloch, 1923:671.  
HT ♂, Barrington Tops, N.S.W. .... K50099
- Phaonia fergusonii* Malloch, 1924b:141.  
HT ♂, Allyn River, N.S.W. .... K50111
- Xenolispa nigrimana* Malloch, 1923a:611.  
HT ♂, Burnett River, Qld. .... K50119  
The head is missing from this specimen.
- Anaclysta obliterated* Malloch, 1923a:602.  
HT ♂, Belaringar, Nevertire, N.S.W. .... K50109  
*Gymnodia obliterated* (Malloch) (Pont, in press).
- Anaclysta ruficornis* Malloch, 1923a:602.  
HT ♂, AT ♀, Eidsvold, Qld. .... K50108  
*Gymnodia ruficornis* (Malloch) (Pont, in press).
- Dichaetomyia parimpar* Pont, 1969:219.  
PT ♂, Upper Allyn, near Eccleston, N.S.W. .... K70614  
PT ♂, Goondi Hill, near Innisfail, Qld. .... K70615  
PT ♀, Mount Gibraltar National Park, N.S.W. .... K70616  
PT ♀, Mulgrave River, 6km W of Gordonvale, Qld. .... K70617  
PT ♀, North Bondi, near Sydney, N.S.W. .... K70168  
PT ♂, Springwood, Blue Mountains, N.S.W. .... K70619
- Dichaetomyia rufaeformis* Pont, 1969:234.  
PT 1♂, 2♀, Claudie River, near Mount Lamond, Qld. .... K70620-1  
PT 2♂, Kuranda, Qld. .... K70622-23  
PT ♂, Mulgrave River, 6km W of Gordonvale, Qld. .... K70624
- Dichaetomyia australis* Pont, 1969:239.  
HT ♂, 4km N of Kuranda, Qld. .... K70625  
PT 2♀, Mulgrave River, 6km W of Gordonvale, Qld. .... K70626-7  
The holotype has not been located in the collection.
- Dichaetomyia collessi* Pont, 1969:257.  
PT 2♀, Claudie River, near Mount Lamond, Qld. .... K70628-9  
PT ♀, Kuranda, Qld. .... K70630
- Dichaetomyia aseta* Pont, 1969:260.  
PT ♀, Claudie River, near Mount Lamond, Qld. .... K70631  
PT 1♂, 4♀, Kuranda, Qld. .... K70632-5
- Dichaetomyia fusconota* Pont, 1969:266.  
PT ♀, Kuranda, Qld. .... K70636
- Dichaetomyia arrogans* Pont, 1969:270.  
PT 2♀, The Intake, via Redlynch, Qld. .... K70637  
PT ♀, Mulgrave River, 6km W of Gordonvale, Qld.  
PT ♀, Thornton Range, near Daintree River, Qld.  
The last two specimens have not been located in the collection.

Family CALLIPHORIDAE  
Subfamily CALLIPHORINAE

- Calliphora canimicans* G. Hardy, 1930:447.  
ST 5♂, Brisbane, Qld. (Labelled paratypes)..... K63652
- Calliphora fallax* G. Hardy, 1930:446.  
ST ♀, Brisbane, Qld. (Labelled paratype)..... K63651
- Calliphora fulvicoxa* G. Hardy, 1930:445.  
ST 2♂, 1♀, Brisbane, Qld. (Labelled paratypes). .... K63650
- Calliphora perida* G. Hardy, 1937:22.  
ST 1♂, 1♀, Brisbane, Qld. (Labelled paratypes). .... K67516

Subfamily AMENIINAE

- Amenia sexpunctata* Malloch, 1933:76.  
PT ♂, Palmerston, N.T..... K67931

Family SARCOPHAGIDAE

- Helicobia australis* Johnston and Tiegs, 1921:50.  
PT ♂, Brisbane, Qld..... K44358  
*Phytosarcophaga australis* (Johnston and Tiegs) (de Souza Lopes, 1967:145).
- Sarcophaga alpha* Johnston and Tiegs, 1921:57.  
PT ♂, Brisbane, Qld..... K44348  
*Tricholioproctia alpha* (Johnston and Tiegs) (de Souza Lopes, 1954:244).
- Sarcophaga zeta* Johnston and Tiegs, 1921:76.  
PT ♂, Brisbane, Qld..... K45067  
*Tricholioproctia zeta* (Johnston and Tiegs) (de Souza Lopes, 1954:240).
- Sarcophaga beta* Johnston and Tiegs, 1921:58.  
PT 1♂, 2♀, Brisbane, Qld. .... K44347  
*Tricholioproctia beta* (Johnston and Tiegs) (de Souza Lopes, 1954:242).
- Sarcophaga tryoni* Johnston and Tiegs, 1921:54.  
PT 2♂, 1♀, Brisbane, Qld. .... K44350  
*Tricholioproctia tryoni* (Johnston and Tiegs) (de Souza Lopes, 1954:258).
- Sarcophaga hardyi* Johnston and Tiegs, 1922:181.  
ST 1♂, 1♀, Launceston, Tas. (Labelled "HT" and "AT"). .... K44452  
*Tricholioproctia hardyi* (Johnston and Tiegs) (de Souza Lopes, 1954:261).
- Sarcophaga theta* Johnston and Tiegs, 1921:78.  
PT 1♂, 2♀, Brisbane, Qld..... K44343-4  
This is a synonym of *Tricholioproctia froggatti* (Taylor) (de Souza Lopes, 1954:268).
- Sarcophaga epsilon* Johnston and Tiegs, 1922:180.  
HT ♂, Brisbane, Qld. .... K44337  
*Tricholioproctia epsilon* (Johnston and Tiegs) (de Souza Lopes, 1954:264).
- Sarcophaga howensis* Johnston and Hardy, 1923:65.  
There is, in the collection, a ♂ labelled paratype, from Brisbane. As this specimen was not included in the type series, it has no status as a type.  
1♂, Brisbane, Qld..... K70673  
*Tricholioproctia howensis* (Johnston and Hardy) (de Souza Lopes, 1954:274).
- Sarcophaga littoralis* Johnston and Tiegs, 1922:183.  
ST 1♂, 1♀, Caloundra, Qld..... K44338  
*Hardyella littoralis* (Johnston and Tiegs) (de Souza Lopes, 1959:38).

- Sarcophaga fergusoni* Johnston and Tiegs, 1922a:186.  
HT ♂, Allyn River, Eccleston, N.S.W. .... K44863  
This is a synonym of *Fergusonimyia bancrofti* (Johnston and Tiegs)  
(de Souza Lopes, 1958:547).
- Sarcophaga eta* Johnston and Tiegs, 1921:65.  
PT ♂, Brisbane, Qld. .... K44346  
*Parasarcophaga eta* (Johnston and Tiegs) (de Souza Lopes, 1959:64).
- Sarcophaga sigma* Johnston and Tiegs, 1921:84.  
PT 1 ♂, 1 ♀, Brisbane, Qld. .... K44339  
This is a synonym of *Parasarcophaga aurifrons* (Macquart) (Johnston and Hardy,  
1923a:115).
- Miltogramma rex* Malloch, 1930a:442.  
HT ♂, King George Sound, W.A. .... K57967
- Family TACHINIDAE  
Subfamily PHASIINAE
- Hyalomyia nigrisquama* Malloch, 1929:110.  
HT ♂, French's Forest, near Sydney, N.S.W. .... K52617  
*Alophora nigrisquama* (Malloch) (Crosskey, 1973a:110).
- Cylindromyia fenestrata* Paramonov, 1956:363.  
HT ♂, Gayndah, Qld. .... K68306
- Cylindromyia westralica* Paramonov, 1956:367.  
HT ♂, King George Sound, W.A. .... K68307
- Cylindromyia angustissimifrons* Paramonov, 1956:365.  
PT ♂, Canberra, A.C.T. .... K68308
- Subfamily PROSENIINAE
- Heterometopia argentea* Macquart, 1846:298.  
There are, in the collection, two specimens from Dunalley, Tasmania, one of which is  
labelled allotype and designated by Hardy (1922a:199). As this specimen was not  
included in the type series, it cannot be considered to be a type.  
1 ♀, Dunalley, Tas. .... K45270
- Chaetogastrina stolidi* Malloch, 1929a:313.  
HT ♂, PT 3 ♂, Barrington Tops, N.S.W. .... K57973  
*Amphibolia stolidi* (Malloch) (Crosskey, 1973:101).
- Formosia smaragdina* Malloch, 1929a:312.  
HT ♀, Gordonvale, Qld. .... K41527  
PT ♀, Cairns, Qld. .... K70638
- Prodiaphania georgei* Malloch, 1929a:292.  
HT ♂, PT ♂, King George Sound, W.A. .... K57954
- Prodiaphania testacea* var. *claripennis* Malloch, 1929a:292.  
HT ♂, King George Sound, W.A. .... K57941  
*Prodiaphania claripennis* Malloch (Paramonov, 1968:390).
- Rutilia formosa* var. *subvittata* Malloch, 1929a:295.  
HT ♀, King George Sound, W.A. .... K57927
- Rutilia micropalpis* Malloch, 1929a:298.  
HT ♀, Como, near Sydney, N.S.W. .... K50140  
PT ♀, Gunnamatta Bay, Port Hacking, N.S.W. .... K55837
- Rutilia micans* Malloch, 1929a:299.  
HT ♀, PT 3 ♀, Kosciusko, N.S.W. .... K57937

- Rutulia hirticeps* Malloch, 1929a:305.  
 HT ♂, Moonbar, N.S.W. .... K57939  
 PT ♂, Ulong, near Dorrigo, N.S.W. .... K43218
- Rutulia albovirida* Malloch, 1929a:307.  
 HT ♀, Yeppoon, Qld. .... K50695  
 PT ♀, Yeppoon, Qld. .... K50700
- Rutulia nigriceps* Malloch, 1929a:306.  
 HT ♂, PT 2 ♂, Ulong, East Dorrigo, N.S.W. .... K43219-20  
 PT ♂, Ulong, East Dorrigo, N.S.W. .... K44234
- Rutulia dubitata* Malloch, 1929a:303.  
 HT ♀, Jindabyne, N.S.W. .... K57934  
 This species is a synonym of *Rutulia analoga* Macquart (Crosskey, 1973:72).
- Formosia confusa* Malloch, 1929a:309.  
 HT ♂, PT 1 ♂, 2 ♀, Deep Creek, 32km from Kingscote, Kangaroo  
 Island, S.A. .... K42773  
 PT 2 ♀, Jindabyne, N.S.W. .... K57934  
 PT 3 ♀, Kosciusko, N.S.W. .... K57933  
 PT ♀, Berowra, near Hawkesbury River, N.S.W. .... K50223  
*Rutulia confusa* (Malloch) (Enderlein, 1936:429).
- Formosia frontosa* Malloch, 1929a:310.  
 HT ♂, PT ♂, Jindabyne, N.S.W. .... K57965  
 This is a synonym of *Rutulia argentifera* Bigot (Crosskey, 1973:54).

## Subfamily TACHININAE

- Chlorotachina nigrocaerulea* Malloch, 1929a:324.  
 HT ♂, King George Sound, W.A. .... K57942
- Macrochloria calliphorosoma* Malloch, 1929a:326.  
 HT ♂, Barrington Tops, N.S.W. .... K57974  
 AT ♀, PT 1 ♂, 1 ♀, Kosciusko, N.S.W. .... K57962  
 This is a synonym of *Macrochloria nitidiventris* (Macquart) (Crosskey, 1973a:132).
- Microtropesa latimana* Malloch, 1929a:287.  
 HT ♀, Queensland .... K36825  
 This is a synonym of *Microtropesa sinuata* (Donovan) (Hardy, 1939:34).
- Microtropesa flavitarsis* Malloch, 1929a:288.  
 HT ♂, Tasmania .... K57938

## Subfamily GONIINAE

- Schizotachina fergusonii* Bezzi, 1923a:657.  
 HT ♂, Sydney, N.S.W. .... K48398  
*Ceromya fergusonii* (Bezzi) (Crosskey, 1973a:137).
- Zenargomyia moorei* Crosskey, 1964:20.  
 HT ♂, Matong S.F., N.S.W. .... K68324  
 PT ♂, Wentworth Falls, Blue Mountains, N.S.W. .... K68325  
 PT ♂, Corringale S.F., N.S.W. .... K68326  
 PT ♀, Buckingbong S.F., N.S.W. .... K68327  
 PT ♀, Corringale S.F., N.S.W. .... K68328  
 PT ♀, Olney S.F., N.S.W. .... K68329  
 PT ♀, Corringale S.F., N.S.W. .... K68330  
 PT ♂, Lakeview S.F., N.S.W. .... K68331  
 PT ♀, Olney S.F., N.S.W. .... K68332  
 PT ♀, Dubbo, N.S.W. .... K68333  
 PT ♀, Olney S.F., N.S.W. .... K68334

- PT ♂, Mandalong, N.S.W. .... K68335  
 PT ♂, Olney S.F., N.S.W. .... K68336  
 PT ♂, Maroote, N.S.W. .... K68337  
 PT ♂, Mandalong, N.S.W. .... K68338
- Quadra ornata* Malloch, 1929a:320.  
 HT ♂, King George Sound, W.A. .... K57948
- Zebromyia obesa* Malloch, 1929a:321.  
 HT ♂, PT ♂, Tasmania .... K57951  
 This species is a synonym of *Zebromyia ornata* (Macquart) (Hardy, 1938a:59).
- Metaphryno bella* Crosskey, 1967:29.  
 PT ♂, Sawpit Creek, Mount Kosciusko, N.S.W.  
 This specimen has not been located in the collection.
- Phorocerosoma setiventris* Malloch, 1929a:327.  
 HT ♂, National Park, Macpherson Range, Qld.  
*Phorocerosoma setiventris* (Malloch) (Malloch, 1930:326).  
 This specimen has not been located in the collection.

## Family HIPPOBOSCIDAE

- Ortholfersia bequaerti* Maa, 1962:606.  
 HT ♂, AT ♀, Moreton Bay, Qld. .... K36959

## Family STREBLIDAE

- Brachytarsina mackeani* Maa, 1971:10.  
 HT ♂, Lankelly Creek, Coen, Qld. .... K68767
- Brachytarsina amboinensis uniformis* Maa, 1971:11.  
 HT ♀, PT 22 ♂, 20 ♀, Possession Island, Torres Strait, Qld. .... K68677-8  
 PT 1 ♂, 3 ♀, Carrai, via Kempsey, N.S.W. .... K68679  
 PT ♂, Whitsunday Island, Qld. .... K68680  
 PT 1 ♂, 8 ♀, Elizabeth Bay House, Sydney, N.S.W. .... K68681  
 PT 5 ♀, Fitzroy Vale, near Rockhampton, Qld. .... K68682  
 PT 1 ♂, 2 ♀, Prospect Reservoir, N.S.W. .... K68683  
 PT ♀, Cairns, Qld. .... K68684  
 PT ♀, Lindeman Island, Qld. .... K68771

## Family NYCTERIBIIDAE

- Cyclopodia similis* Speiser, 1900:292.  
 Lectotype ♀, paralectotype ♀, Mapoon Mission, Batavia River, Qld. .... K15789  
 This species is a synonym of *Cyclopodia albertisii* Rondani (Maa, 1971:21).
- Basilia techna* Maa, 1971:38.  
 PT ♂, The Cave, near Mount Cityan, Qld. .... K68769  
 PT ♀, Louie Creek, 13km SW of Adel's Grove, via Lawn Hill, Qld. .... K68770
- Nycteribia longispinosa* Musgrave, 1927:274.  
 HT ♀, PT 3 ♀, Sans Souci, Sydney, N.S.W. .... K51807-10  
 AT ♂, Sans Souci, Sydney, N.S.W. .... K51805  
*Basilia longispinosa* (Musgrave) (Maa, 1965:30).
- Nycteribia multispinosa* Musgrave, 1927:268.  
 HT ♀, Berrima, N.S.W. .... K55122  
 AT ♂, PT 3 ♂, 3 ♀, Berrima, N.S.W. .... K55125-31  
*Basilia multispinosa* (Musgrave) (Maa, 1965:380).
- Basilia hamsmithi* Maa, 1971:46.  
 PT ♀, Cunnamulla, Qld. .... K68772

- Basilina aitkeni* Maa, 1971:49.  
PT ♂, 2km N of Lawn Hill Station, Qld. .... K68768
- Basilina barbarae* Maa, 1971:51.  
PT 4♂, 3♀, near Bircheno, Tas. .... K51812-8
- Nycteribia falcozi* Musgrave, 1925:292.  
HT ♂, PT 1♂, 1♀, Mount Lyndhurst, 48km E of Farina, S.A. .... K48158  
AT ♀, PT ♀, Mount Lyndhurst, 48km E of Farina, S.A. .... K48163-4  
PT 3♂, Mount Lyndhurst, 48km E of Farina, S.A. .... K42924  
*Basilina falcozi* (Musgrave) (Maa, 1965:380).
- Nycteribia halei* Musgrave, 1927:271.  
HT ♀, cave at Arkaba, S.A. .... K51821  
AT ♂, cave at Arkaba, S.A. .... K51819  
*Basilina halei* (Musgrave) (Maa, 1965:380).
- Basilina nodulata* Maa, 1971:59.  
HT ♂, Hazelbrook, Blue Mountains, N.S.W. .... K49851
- Nycteribia brevicauda* Musgrave, 1925:295.  
HT ♂, Hazelbrook, Blue Mountains, N.S.W. .... K49848  
AT ♀, Hazelbrook, Blue Mountains, N.S.W. .... K49850  
*Basilina brevicauda* (Musgrave) (Maa, 1965:380).
- Nycteribia troughtoni* Musgrave, 1927:265.  
HT ♀, PT ♀, Glenroy, Hartley, N.S.W. .... K51801-2  
PT 2♀, Smithfield, near Fairfield, N.S.W. .... K51803-4  
PT ♂, Munni, Williams River, N.S.W. .... K47880  
*Basilina troughtoni* (Musgrave) (Maa, 1965:380).
- Nycteribia burrelli* Musgrave, 1927:272.  
HT ♀, AT ♂, Caermarthen, Manilla, N.S.W. .... K51822-3  
*Basilina burrelli* (Musgrave) (Maa, 1965:380).
- Nycteribia allotopa meridiana* Maa, 1971:90.  
PT ♀, Whitsunday Island, Qld. .... K68674
- Nycteribia parilis vicaria* Maa, 1971:90.  
PT 28♂, Prospect Reservoir, N.S.W. .... K68685  
PT 32♀, Piano Cave, Coolong Caves, N.S.W. .... K68687  
PT 14♂, Elizabeth Bay House, near Sydney, N.S.W. .... K68688  
PT 4♀, Bulladelah, N.S.W. .... K68689  
PT ♂, Carrai, via Kempsey, N.S.W. .... K68690  
PT 9♂, 4♀, Ashford Downs, N.S.W. .... K68691  
PT 3♂, 2♀, Possession Island, Torres Strait, Qld. .... K68692  
PT 2♂, 1♀, Whitsunday Island, Qld. .... K68693  
PT 31♂, Piano Cave, Coolong Caves, N.S.W. .... K68694  
PT 16♀, Elizabeth Bay House, N.S.W. .... K68695  
PT 9♀, Prospect Tunnel, Prospect Reservoir, N.S.W. .... K68696

PACIFIC ISLAND TYPES  
Suborder NEMATOCERA  
Division CULICOMORPHA  
Family SIMULIIDAE

- Austrosimulium longicorne* Tonnoir, 1925:254.  
PT 2♂, Nihotapu, New Zealand .... K51180

- Austrosimulium ungulatum* Tonnoir, 1925:250.  
 PT ♀, Kaikoura, New Zealand ..... K51181  
 PT ♀, Reefton, New Zealand ..... K51182
- Austrosimulium tillyardi* Tonnoir, 1925:253.  
 PT 1♂, 1♀, Nelson, New Zealand ..... K51183
- Suborder BRACHYCERA  
 Division ORTHORRHAPHA  
 Superfamily TABANOIDEA  
 Family RHAGIONIDAE
- Chrysopilus howei* Paramonov, 1962:119.  
 HT ♂, AT ♀, PT ♂, Erskine Valley, Lord Howe Island ..... K68557-9
- Family XYLOMYIDAE
- Solva atrata* Daniels, 1977:456.  
 HT ♂, Musgrave River, near Port Moresby, Papua New Guinea ..... K70374  
 PT 7♂, 1♀, Kuminibus, near Maprik, Papua New Guinea ..... K70376-7  
 PT 7♂, Imbia, near Maprik, Papua New Guinea ..... K70375  
 PT ♀, Awala Estate, Popondetta subdistrict, Papua New Guinea ..... K70378
- Solva melanogaster* Daniels, 1977:455.  
 HT ♀, Aroana Estate, Aroa River, Papua New Guinea ..... K70371  
 PT 1♂, 1♀, Upper Manki Logging area, near Bulolo, Papua New Guinea ..... K70372-3
- Solva laeta* Daniels, 1977:456.  
 PT ♂, Aroana Estate, Aroa River, Papua New Guinea ..... K70381
- Solva bergi* James, 1951:149.  
 PT 1♂, 1♀, Guadalcanal, Solomon Islands ..... K70382-3
- Division CYCLORRHAPHA  
 Series SCHIZOPHORA  
 Superfamily TEPHRITOIDEA  
 Family OTITIDAE
- Hypsomyia goilala* D. McAlpine, 1964:218.  
 HT ♂, PT 3♂, 3♀, Sidibamul, Wharton Range, Papua New Guinea .. K68428-34  
*Rhadinomyia goilala* (McAlpine) comb. nov.
- Family PLATYSTOMATIDAE
- Achiosoma nigrifacies* Malloch, 1939:131.  
 HT ♀, Mount Lamington district, Papua New Guinea ..... K68639
- Duomyia howensis* D. McAlpine, 1973:123.  
 PT ♀, Lord Howe Island ..... K70131  
 PT ♀, Lord Howe Island ..... K45773
- Superfamily MICROPEZOIDEA  
 Family MICROPEZIDAE
- Papeza szentivanyi* D. McAlpine, 1975:242.  
 HT ♂, PT 2♂, Woitape, Wharton Range, Papua New Guinea ..... K70254-5
- Superfamily HELEOMYZOIDEA  
 Family COELOPIDAE
- Chaetocoelopa huttoni* Harrison, 1959:103.  
 PT ♂, Little Barrier Island, New Zealand ..... K70706  
 PT ♀, Boulder Beach, Little Barrier Island, New Zealand ..... K70707



## Family HELEOMYZIDAE

- Cairnsimyia crosskeyi* D. McAlpine, 1968:274.  
 PT ♂, Wau, Morobe District, Papua New Guinea ..... K69177
- Cairnsimyia aroana* D. McAlpine, 1968:275.  
 HT ♂, PT 3 ♂, 2 ♀, "Aroana", Aroa River, Papua New Guinea ..... K69178-83

## Family SPHAEROCERIDAE

- Leptocera papuana* Richards, 1973:308.  
 HT ♂, PT ♀, Bainyik, Papua New Guinea ..... K70403-4  
 PT ♀, Buri, near Sasembata, Popondetta subdistrict, Papua New Guinea K70405  
 PT ♀, Woitope, Wharton Range, Papua New Guinea ..... K70406
- Leptocera aroana* Richards, 1973:310.  
 HT ♂, PT 6 ♂, 18 ♀, Aroana Estate, Aroa River, Papua New Guinea ... K70408-10
- Leptocera macalpinei* Richards, 1973:311.  
 HT ♂, PT 7 ♂, 5 ♀, Bainyik, Papua New Guinea ..... K70411-7  
 PT 2 ♀, Kuminibus, near Maprik, Papua New Guinea ..... K70418
- Leptocera territorialis* Richards, 1973:313.  
 HT ♂, PT 15 ♂, 15 ♀, Bainyik, Papua New Guinea ..... K70419-23  
 PT 1 ♂, 2 ♀, Aroana Estate, Aroa River, Papua New Guinea ..... K70426-7  
 PT ♂, Woitope, Wharton Range, Papua New Guinea ..... K70424  
 PT ♂, Musgrave River, near Port Moresby, Papua New Guinea ..... K70425
- Leptocera vittigera* Richards, 1973:357.  
 HT ♂, Buri, near Sasembata, Popondetta subdistrict, Papua New Guinea K70476
- Leptocera scrobifera* Richards, 1973:360.  
 HT ♂, Bainyik, Papua New Guinea ..... K70480
- Leptocera awalensis* Richards, 1973:374.  
 HT ♂, Awala Estate, Popondetta subdistrict, Papua New Guinea ..... K70485
- Leptocera tetrasticha* Richards, 1973:380.  
 HT ♂, Bainyik, Papua New Guinea ..... K70490

## Superfamily DROSOPHILOIDEA

## Family EPHYDRIDAE

- Stratiothyrea cheesmanae* Cogan and Wirth, 1969:176.  
 PT 54 ♂, 27 ♀, Bainyik, Papua New Guinea ..... K70689-90  
 PT 1 ♂, 2 ♀, Apangai, near Maprik, Papua New Guinea ..... K70691-2  
 PT ♂, Musgrave River, near Port Moresby, Papua New Guinea ..... K70693  
 PT ♀, Imbia, near Maprik, Papua New Guinea ..... K70694  
 PT 2 ♂, Embala River, near Ajeka, Popondetta subdistrict,  
 Papua New Guinea ..... K70695

## Family DROSOPHILIDAE

- Drosophila pseudotetrachaeta* Angus, 1967:37.  
 HT ♂, AT ♀, Brown River, Papua New Guinea ..... K68730-1
- Drosophila pseudomayri* Baimai, 1970:22.  
 ST 1 ♂, 1 ♀, Bulolo, Papua New Guinea ..... K70643-4  
 Each specimen is labelled holotype.
- Drosophila silvistriata* Bock and Baimai, 1967:20.  
 HT ♂, AT ♀, Bulolo, Papua New Guinea ..... K68670
- Drosophila nigrilineata* Angus, 1967:32.  
 HT ♂, AT ♀, Bulolo, Papua New Guinea ..... K68728-9

- Drosophila tetrachaeta* Angus, 1964:156.  
HT ♂, AT ♀, Bulolo, Papua New Guinea ..... K70645-6
- Drosophila szentivanii* Mather and Dobzhansky, 1962:247.  
HT ♂, Lae, Papua New Guinea ..... K70647  
This specimen is represented by a micropin mounted in pith and labelled holotype.
- Drosophila mayri* Mather and Dobzhansky, 1962:245.  
HT ♂, Bulolo, Papua New Guinea ..... K70648  
The abdomen is missing from this specimen.
- Drosophila argentostriata* Bock, 1966:273.  
HT ♂, AT ♀, Bisianumu, Papua New Guinea ..... K68625-6
- Superfamily MUSCOIDEA  
Family MUSCIDAE  
Subfamily MUSCINAE
- Ebenia fieldi* Rainbow, 1897:98.  
HT ♀, Funafuti Atoll, Ellice Islands ..... K70649  
This is a synonym of *Musca sorbens* Wiedemann (Pont, 1968:90).
- Ebenia nigricuris* Rainbow, 1897:98.  
HT ♂, Funafuti Atoll, Ellice Islands ..... K70650  
This is a synonym of *Musca sorbens* Wiedemann, (Pont, 1968:90).
- Degeeria dawsoni* Rainbow, 1897:97.  
Lectotype ♂, paralectotypes 1♂, 2♀, Funafuti Atoll, Ellice Islands ..... K70651  
This is a synonym of *Musca domestica* Linné (Pont, 1968:89).
- Subfamily COENOSIINAE
- Lispe vittata* Rainbow, 1897:97.  
HT ♀, Funafuti Atoll, Ellice Islands ..... K70652  
*Atherigona vittata* (Rainbow) (Pont, 1968:90).
- Subfamily PHAONIINAE
- Helina liepae* Pont, 1973a:185.  
HT ♂, PT 2♂, 4♀, near Ned's Beach, Lord Howe Island ..... K70657-60  
PT 2♀, Old Settlement, Lord Howe Island ..... K70661-2  
PT ♀, Blinky Beach, Lord Howe Island ..... K70663
- Spilogona ferrari* Pont, 1973a:191.  
PT 1♂, 2♀, Ball Bay, Norfolk Island ..... K70664
- Subfamily MYDAEINAE
- Papuaia asternata* Vockeroth, 1972:25.  
PT ♀, Kunai Creek, Wau, Morobe District, Papua New Guinea ..... K70665
- Gymnopapuaia conformis* Vockeroth, 1972:35.  
PT ♂, Aroana Estate, Aroa River, Papua New Guinea ..... K70666
- Gymnopapuaia clavipalpis* Vockeroth, 1972:38.  
PT ♂, Imbia, near Maprik, Papua New Guinea ..... K70667  
PT 1♂, 1♀, Mount Lamington district, Papua New Guinea ..... K70668
- Hebecnemia rufula* Vockeroth, 1972:68.  
PT ♀, Musgrave River, near Port Moresby, Papua New Guinea ..... K70669
- Family CALLIPHORIDAE
- Calliphora neozealandica* Murray, 1954:713.  
PT 1♂, 10♀, Orongaronga, New Zealand ..... K70670  
PT 2♂, 5♀, Wallaceville, New Zealand ..... K70671

## Family SARCOPHAGIDAE

- Sarcophaga milleri* Johnston and Tieg, 1922:185.  
 ST 1♂, 1♀, New Zealand (Labelled HT and AT) ..... K44352  
 This is a synonym of *Hybopygia varia* Walker (de Souza Lopes and Albuquerque, 1955:113).
- Sarcophaga howensis* Johnston and Hardy, 1923:65.  
 HT ♂, PT 2♂, Lord Howe Island ..... K70672  
*Tricholioproctia howensis* (Johnston and Hardy) (de Souza Lopes, 1954:274).
- Sarcophaga multicolor* Johnston and Tieg, 1922:187  
 HT ♂, Rabaul, New Britain ..... K40167  
*Johnstonimyia multicolor* (Johnston and Tieg) (de Souza Lopes, 1959:55).

## Family NYCTERIBIIDAE

- Cyclopodia planipyga* Maa, 1968:19.  
 PT 2♂, 1♀, Tanna, New Hebrides ..... K68675

## NORTH AMERICAN TYPES

## Family OTITIDAE

- Haigia nevadana* Steyskal, 1961:406.  
 PT ♂, Winnemucca, Nevada, U.S.A. .... K70675

## Family MICROPEZIDAE

- Compsobata columbiana* Merritt and Peterson, 1976:1494.  
 PT 1♂, 1♀, 51km SW of Terrace, British Columbia, Canada ..... K70674

## Family HELEOMYZIDAE

- Borboropsis steyskali* Mathis, 1973:374.  
 PT 1♂, 1♀, H. J. Andrews Experimental Forest, near Blue River, Oregon,  
 U.S.A. .... K70705

## AFRICAN TYPES

## (MADAGASCAN SUBREGION)

## Family NYCTERIBIIDAE

- Nycteribia fryeri* Scott, 1914:217.  
 ST 1♂, 1♀, Assumption Islands, southern Indian Ocean ..... K53065  
 Labelled paratypes.

## ORIENTAL TYPES

## Family CANACEIDAE

- Trichocanace atra* Wirth, 1964:227.  
 PT 1♂, 2♀, Bangphra, Cholburi, Thailand ..... K68629-31

## LIST OF DAMAGED HARDY TYPES

## Family RHAGIONIDAE

- Austroleptis rhyphoides* G. Hardy, 1920:127.  
 PT ♂, Mount Wellington, Tas.  
 A wing is damaged, four legs and the antennae are missing from this specimen.  
 2 PT Mount Wellington, Tas.  
 The wings, part of the thorax and some legs are all that remain of each specimen.
- Atherimorpha vernalis montana* G. Hardy, 1927:125.  
 PT Mount Wellington, Tas.  
 This specimen has the abdomen missing, and has a covering of mould.  
 PT Cradle Mountain, Tas.

The wings, part of the thorax and two legs mounted on a pin are all that remain of this specimen.

*Atherimorpha montana* Hardy (Paramonov, 1962:161).

*Atherimorpha fulva* G. Hardy, 1927:126.

There is a ♂ from Zeehan, Tasmania, labelled paratype and in relatively good condition, in the collection. As this specimen was not included in the type series, it cannot be considered to be a type.

#### Family STRATIOMYIDAE

*Antissella angustifrons* G. Hardy, 1932a:47.

HT ♀, Brisbane, Qld.

A pin with the remains of the thorax, two legs and a slide with the abdomen are all that remain of the specimen.

*Lecogaster cyanea* White, 1916:79.

There is a badly damaged ♀ labelled allotype and a ♂ and a ♀, each labelled paratype, with the heads missing and traces of mould that cannot be considered as types as they were not part of the type series.

*Lecomyia cyanea* (White) (Hardy, 1932a:45).

*Lecomyia notha* G. Hardy, 1932a:46.

ST 2♂, Cleveland, Qld. (Labelled AT and PT). . . . . K70529  
Both these specimens are badly damaged.

*Actina brevihirta* G. Hardy, 1932a:42.

ST 2♂, Brisbane, Qld.

The head is missing from each specimen.

*Actina ocinis* G. Hardy, 1932:52.

7 ST, Brisbane, Qld. (Labelled PT).

Six of these specimens are all badly damaged, the wings and thorax being intact on five specimens.

*Damaromyia clivosa* G. Hardy, 1931:128.

ST ♀, Brisbane, Qld. (Labelled HT). . . . . K70532  
This specimen has the head missing and is in bad condition.

#### Family NEMESTRINIDAE

*Cyclopsidea hardyi* Mackerras, 1925:559.

HT ♂, Inglewood, Qld.

This specimen is represented only by the genitalia, mounted on a slide and pinned.

*Trichophthalma rufonigra* Mackerras, 1925:513.

PT ♂, Barrington Tops, N.S.W.

This specimen is represented only by the genitalia, mounted on a slide and pinned.

#### Family ASILIDAE

*Clinopogon maritima* G. Hardy, 1934a:511.

ST 2♂, Southport, Qld. (Labelled HT and AT).

Both these specimens are represented by the genitalia, mounted on a slide and pinned.

*Nerterhaptomenus morus* G. Hardy, 1934a:523.

4 ST, Brisbane, Qld. (Labelled HT and PT).

Each of these specimens is represented by a poorly made slide of various parts of the specimen. Nothing otherwise remains of the specimens except for one pin with the remains of the hind legs and abdomen.

*Leptogaster occidentalis* White, 1914:267.

HT♂, Perth, W.A.

This specimen is glued to a card. The wings, part of the abdomen including the genitalia and parts of the legs remain.

Family APIOCERIDAE

*Apiocera maritima* G. Hardy, 1933:416.

ST 1♂, 1♀, Southport, Qld. (Labelled PT).

These specimens are represented by the genitalia, mounted on a slide and pinned.

Family EMPIDIDAE

*Empis tibialis* G. Hardy, 1934b:178.

ST 2♂, Cradle Mountain, Tas. (Labelled PT).

Two legs, a wing and part of the thorax are the only remains of one specimen. The other specimen has the abdomen and three legs missing.

*Empis tenuirostris* Thomson, 1868:473.

There are eight pins labelled as paratypes of this species from Blackheath, N.S.W. Five specimens are completely destroyed, two have the remains of the thorax, a wing and some legs, whilst the remaining specimen is in relatively good condition. Hardy (1934b:177) designated these specimens as types, but as they were not from the type series, they can have no status as types.

Family DOLICHOPODIDAE

*Heterospilosus squamifer* G. Hardy, 1958:295.

5 ST, Katoomba, N.S.W. (Labelled PT).

All specimens have extensive areas of damage.

Family CALLIPHORIDAE

*Calliphora canimicans* G. Hardy, 1930:447.

ST 38♂, Brisbane, Qld. (Labelled HT and PT).

Most of these specimens are represented only by the genitalia, mounted on a slide and pinned. Six specimens remain on the pins, but these are all badly damaged.

*Calliphora fulvicoxa* G. Hardy, 1930:445.

ST♂, Brisbane, Qld. (Labelled PT).

This specimen is badly damaged.

*Calliphora perida* G. Hardy, 1937:22.

ST 12♂, Brisbane, Qld. (Labelled HT and PT).

These specimens are represented by the genitalia, mounted on a slide and pinned. Two badly damaged specimens remain on the pins.

*Calliphora bezzii* G. Hardy, 1932c:551.

ST 11♂, Seaford, Vic. (Labelled PT)

One specimen has a wing missing, another has the head missing. The remaining specimens are represented by the genitalia mounted on a slide and pinned

*Pollenia flindersi* G. Hardy, 1932b:338.

ST 3♂, Flinders, Vic. (Labelled HT and PT). . . . . K68566

These specimens are represented by three pins, each with genitalia, mounted on a slide, one pin bearing the thorax and a wing of the specimen.

*Pollenia calamisessa* G. Hardy, 1932b:340.

ST♂, Brisbane, Qld. . . . . K68567

This specimen is represented by a pin with genitalia, mounted on a slide, nothing other wise remaining of the specimen.

Family SARCOPHAGIDAE

*Sarcophaga kohla* Johnston and Hardy, 1923a:113.

There is, in the collection, the remains of a specimen labelled allotype from Great Palm Island, Qld. As this specimen was not included in the type series it has no status as a type. Only the empty pupal case remains.

*Parasarcophaga kolha* (Johnston and Hardy) (de Souza Lopes, 1959:62).

*Sarcophaga karnyi* G. Hardy, 1927a:454.

PT 1♂, 1♀, Buitenzorg, Java

Only the empty pupal cases remain of these specimens.

*Boettcherisca karnyi* (Hardy) (de Souza Lopes, 1958a:32).

*Sarcophaga antilopoides* G. Hardy, 1927a:448.

13 PT, Buitenzorg, Java

Only the wings, part of the thorax and some legs remain of one specimen. The remainder are represented only by empty pupal cases.

Family TACHINIDAE

*Zosteromyia longicornis* G. Hardy, 1934:36.

Paralectotype ♂, Mount Glorious, Brisbane, Qld.

This specimen is badly damaged.

This is a synonym of *Zosteromeigenia mima* Townsend (Crosskey, 1973a:141).

*Zosteromyia morgani* G. Hardy, 1934:37.

Paralectotype ♂, Binniguy, N.S.W.

The remains of a wing and a pupal case are all that remain of this specimen.

*Medinodexia morgani* (Hardy) (Crosskey, 1973a:140).

*Tritaxys heterocera* (Macquart), 1844:153.

There is in the collection, the remains of a specimen of this species labelled paratype from Melbourne, Victoria, and designated by G. Hardy (1938a:62). As this specimen was not included in the type series, it has no status as a type. The specimen is represented by a pin with genitalia mounted on a slide, nothing otherwise remaining of the specimen.

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## LIST OF SPECIFIC, SUBSPECIFIC AND VARIETY NAMES

465

abditus	424	aroana, Leptocera	450
aberrans	415	arrogans	443
acrogenea	429	aseta	443
acula	469	asternata	451
acuminata	426	atra	452
acutangularis	424	atrata	449
adelaidae	429	atripes	413
adelosa	436	aurantiacum	416
aestivalis	436	aurantica	419
aggera	423	aurantiipennis	413
aitkeni	448	aurantioceps	414
alaplicata	426	aureovestita	419
alata	426	aurifrons	445
albertisii	447	aurilineata	422
albicollis	414	aurinotum	419
albipennis	441	australensis	439
albipes	415	australina, Liriomyza	439
albipila	430	australina, Myoleja	432
albiseta	442	australis, Cerdistus	425
albitarsa	423	australis, Craspedochaeta	437
albolineatus	417	australis, Cypselosoma	432
alboseta	426	australis, Dichaetomyia	443
albostrata	441	australis, Ectenopsis	418
albovirida	446	australis, Fannia	442
alexanderi	413	australis, Glabellula	425
algaiae	432	australis, Phytosarcophaga	444
allotopa	448	australis, Mesoctenia	427
allynensis	440	awalensis	450
alpha	444		
alpina, Euprosopia	431	bancrofti, Fergusonimyia	445
alpina, Sceptia	419	bancrofti, Neoaratus	424
alternata	415	bancrofti, Trichophthalma	423
amboinensis	447	barbarae	448
analoga	446	barringtoniensis	414
androgynus	417	barkeri	440
angustifrons	453	bella, Gynoplistia	413
angustissimifrons	445	bella, Metaphyrno	447
annularis	434	bequaerti	447
annulata	441	bergi	449
anthonyi	431	berylensis	419
antilopoides	455	beta	444
apicalis, Ceriana	426	bezzii	454
apicalis, Trichophthalma	422	bicolorata	419
apii	438	bifasciata	432
apollinosus	425	bimaculata	413
aquilonis	432	birchii	440
argentea	445	bisignata	437
argentifera	446	bivitta	422
argentostrata	451	bivittata	422
arguta	438	breviaculeus	432
argyrospila	432	brevicauda	448
armipes	431	brevicornis	428
aroana, Cairnsimyia	450	brevifurca	429



brevihirta	453	confusa, Rutilia	446
brevipalpa	423	confusa, Trichophthalma	422
brunneipennis	441	conjuncta	441
bryani	441	contermina	416
burrelli	448	convallis	428
buzzatii	439	corax	428
		cornutum	416
cairnsensis	415	costalis	422
calabyi	419	costomaculata	442
calamisessa	454	crassa	430
calcar	424	crinita	427
caliginosa	438	crispa	430
caliginosus	425	crocata	441
calignea	423	crocea	419
calliphorosoma	446	crosskeyi	450
cancellata, Drosophila	440	cuneifrons	437
cancellata, Duomyia	429	curta	428
canimicans	444, 454	cyanea	421, 453
capitalis, Duomyia	428	cydister	420
capitalis, Leptocera	436		
capnodes	428	dawsoni	451
carinifacies	422	delta	437
carnei	431	demetrius	442
cassiae	438	denticulata	426
cavifrons	435	deuqueti	417
celsa	431	diemanensis	421
cercalis	436	dimorpha	415
chaetostigma	428	dimorphon	427
chalybeus	427	dispar	440
cheesmanae	450	dissimilis	418
choreoides	437	distinctus, Ommatius	424
cinerascens	414	distinctus, Pelecorhynchus	417
cinerea, Dolichopeza	413	domestica	451
cinerea, Sceptia	420	dorrigensis	414
clara	438	dorrigonis	435
claripennis	445	dubiosa	421
claudiana	427	dubitata	446
clavifemoratus	425	duocoloris	423
clavipalpis	451		
clelandi, Sceptia	420	electa	414
clelandi, Spaniopsis	418	elongata	427
clematidicolla	439	episema	414
clivosa	453	epsilon	444
coerulea	422	eremia	428
collessi	443	eristoloides	417
columbiana	452	eta	445
comes	431	eucalypti	438
concolor	441	euphara	426
conferta	430	excavata	435
conformis, Cerdistus	424	excelsa	428
conformis, Diplogeomyza	433	exemplar	440
conformis, Gymnopapuaia	451	extensa	433
confusa, Dirioxa	432		

falcozi	448	grandimaculata	422
fallax	444	griseola	426
fenestrata, <i>Cylindromyia</i>	445	griseolineata	423
fenestrata, <i>Leptocera</i>	436		
fergusoni, <i>Ceromya</i>	446	hackeri	425
fergusoni, <i>Cnephia</i>	416	halei	448
fergusoni, <i>Leptotarsus</i>	414	hamsmithi	447
fergusoni, <i>Limnophila</i>	413	hardyi, <i>Cyclopsidea</i>	453
fergusoni, <i>Phaonia</i>	443	hardyi, <i>Diplogeomyza</i>	433
fergusoni, <i>Platypeza</i>	426	hardyi, <i>Heteromeringia</i>	437
fergusoni, <i>Sarcophaga</i>	445	hardyi, <i>Tricholioproctia</i>	444
fergusoniana	413	hardyina	436
ferrari	451	harrisoni	422
festivus	415	hebes	429
fieldi	451	helichrysi	439
filicornis	431	helmsi, <i>Clytocosmus</i>	413
fimbriata	441	helmsi, <i>Dicranomyia</i>	412
flavihirta	427	helmsi, <i>Leptotarsus</i>	414
flavipalpis	434	helmsi, <i>Molophilus</i>	413
flavipes	423	helmsi, <i>Sciara</i>	416
flavitaris	446	heterocera	455
flavofusca	443	hilaris	425
flavomarginata	442	hilli	442
flindersi	454	hirtibasis	443
foliata	428	hirticeps	446
formosa	445	hirtifrons	423
fraudulenta	413	hollowayi	430
froggatti	444	horridomedeae	437
frontosa	446	howei	449
fryeri	452	howensis, <i>Duomyia</i>	449
fucicola	435	howensis, <i>Tricholioproctia</i>	444, 452
fulgida, <i>Lamprolonchaea</i>	436	huttoni	449
fulgida, <i>Scaptia</i>	419	hydrophila	418
fulva	453	hypene	429
fulvicoxa	444, 454	hypostigma	431
fulvus	417		
furiosum	416	igniculis	417
fusca, <i>Perissomma</i>	416	illingworthi	424
fusca, <i>Trichophthalma</i>	422	illustrata	415
fuscalis	436	imitatrix	413
fusconota	443	immaculata	433
		immaculipennis	414
gargettensis	415	imperfecta	421
geminus	421	imperialis	427
genitalis	424	incisa	433
georgei	445	indefinita	421
georgii	419	indistincta	427
gladiator	438	inermis	431
glomerosus	423	infixa	416
goilala	449	innotata	421
goldfinchi, <i>Austroplex</i>	418	inornata, <i>Acracantha</i>	414
goldfinchi, <i>Ischnotoma</i>	414	inornata, <i>Drosophila</i>	440

insolita	419	marksae	442
integra	430	mastersi	426
intricatoria	415	mayri	451
iota	425	mc Alpinei, Atherimorpha	418
iris	429	mc Alpinei, Chrysopilus	417
		mc Alpinei, Dasyomma	418
karnyi	455	mc Alpinei, Perissomma	416
kewensis	421	mccoyi	417
kohla	455	media	434
kraussi	432	megagenys	441
kurandae	430	megaspilus	438
kurandensis	436	megastigma	430
	428	melanogaster	449
lacunosa	422, 449	meridiana, Nycteribia	448
laeta	432	meridiana, Teucholabis	413
laticordus	437	mica	430
laticornis	438	micans	445
latifrons	446	micropalpis	445
latimana	429	milleri	452
latipilus	440	mima	455
lativittata	429	minima	422
lenticula	441	minor, Caenoprosopon	419
levis, Drosophila	424	minor, Stichopogon	423
levis, Ommatius	451	minutus	423
liepae	424	mirabilis	426
lineatus	444	mixtura	440
littoralis	448	monodon	431
longicorne	418	montana, Atherimorpha	453
longicornis, Spaniopsis	455	montana, Leriopsis	432
longicornis, Zosteromyia	413	montanus	417
longidigitalis	425	monteithi	428
longipalpis	447	montivagus	413
longispinosa	429	moorei	446
loxocerina	414	morgani	455
luteicostus	432	morus	453
luteipennis	412	mulgravei	441
lutulenta		multicolor, Criorhina	426
		multicolor, Johnstonimyia	452
mac Alpinei, Drosophila	440	multimaculata	418
mac Alpinei, Leptocera	450	multispinosa	447
mac Alpinei, Prohardyia	443	musgravii	420
mackeani	447	mycetophaga	440
maculata	433		
maculatoides	424		
maculatus	424		
maculipennis	418	neglecta	431
maculosa	441	neocirrus	420
maculosus	413	neoconcolor	420
manni	423	neolatifrons	421
marginalis	428	neotricolor	419
marginifrons	432	neozealandica	451
marginipennis	418	nevadana	452
maritima, Apiocera	454	nicholsoni	415
maritima, Clinopogon	423, 453	nigriceps, Parahendelia	438

nigriceps, Rutilia	446	parallela	429
nigricosta	422	paralurida	420
nigricruris	451	parilis	448
nigrifacies	449	parimpar	443
nigrihirta	427	parsonsi	441
nigrilineata	450	patruelis	413
nigrimana	443	pauciseta	413
nigripennis	418	pectinervis	435
nigrisquama	445	peculiaris	435
nigritarsus	424	percostata	436
nigrocaerulea	446	perida	444, 454
nigrotibialis	413	personata	428
nigrovittata	423	phrikosifrons	436
nigrovittatus	418	picta	428
nitens	422	pinnatarsus	440
nitidipleura	435	piperata	430
nitidiventris	446	pittosporocaulis	439
nitidula	439	pittosporophylli	439
niveifasciata	441	placida	438
nodulata	448	planipyga	452
norrisi	437	platypus	426
notha	422, 453	poeciliventris	441
notiale	427	poemyzina	438
nova	431	polita	441
novamaculosa	441	polypori	440
		popularis	436
obesa	447	postica	421
obliterata	443	postponens	420
obscurata	439	princeps	414
obscuripennis	437	progastor	440
obscurirostris	414	promiscua	416
obsoleta	440	pseudelongata	427
occidens, Atherimorpha	418	pseudobasalis	421
occidens, Pelecorhynchus	417	pseudomayri	450
occidentalis, Ectenopsis	418	pseudotetrachaeta	450
occidentalis, Leptogaster	454	pubescens	437
occulta	442	punctata	422
ochreoflava	420	pulla	437
ocinis	453	pusilla	431
octoseta	428		
olivei	417	quadriseta	425
opaca	441		
orientalis, Saptia	419	rainbowi	420
orientalis, Trichophthalma	422	ramosa	431
ornata, Quadra	447	ramuscula	437
ornata, Zebromyia	447	rasa	429
ornatipes	415	rawlinsoni	413
		raymenti	442
pallicornis	443	regisgeorgii	419
pallipes	428	relucens	428
palumae	440	remota	430
papuana	435, 450	rete	429

rex	445	striatum	438
rhabdote	440	stricta	422
rhyphoides	418, 452	subacuta	431
richardsae	417	subcontigua	419
rivularis	420	subcostalis	422
robustus	424	subnitida, Drosophila	441
roddi	425	subnitida, Leptotarsus	414
rosevillensis	424	subsINUATA	435
rudis	429	subula	431
rufaeformis	443	subulatus	421
ruficornis	443	subvittata	445
ruficosta	422	sulcifrons	420
rufoniger	420	sulfurigaster	439
rufonigra	422, 453	swani	425
rufula	451	sydneiensis	435
rugifacies	427	szentivanii	451
ruidifrons	436	szentivanyi	449
scintilla	429	tabaniformis	418
scrobifera	450	tasmanica	433
scutellata	441	tasmanicus	420
scutellumnigrum	414	techna	447
semivittata	442	tenuifascia	432
seneciophila	438	tenuipes	423
serenipennis	416	tenuirostris, Empis	454
sericata	430	tenuirostris, Leptotarsus	414
serrata	440	tepperi	416
serraticornis	413	terraereginae	442
setifemur	439	territoralis	435, 450
setiventris	447	testacea, Agromyza	438
setosus	424	testacea, Prodiaphania	445
sexpunctata	444	tetrachaeta	451
sigma	445	tetrasticha	450
signata	434	theta	444
silvistriata	450	tibialis	454
similis, Cyclopodia	447	tibiseta	443
similis, Pectiniseta	442	tillyardi, Austrosimulium	449
sinuata	446	tillyardi, Pelecorhynchus	417
smaragdina, Duomyia	428	torrentium	416
smaragdina, Formosia	445	tricauda	427
smithersi	440	tridens	434
solanicola	438	trilenealis	421
sorbens	451	triplicata	438
spadix, Criorhina	426	trivittata	436
spadix, Dasybasis	421	troughtoni	448
spathistilus	436	truncata	433
spinosa	434	tryoni, Clastobasis	417
spinulosa	437	tryoni, Tricholioproctia	444
spumicola	442		
squamifer	454	ungulatum	449
steyskali	452	unifasciata	432
stolida	445	uniformis	447

TYPE SPECIMENS OF DIPTERA IN THE AUSTRALIAN MUSEUM 471

uniseta	435	visendus	432
uptoni	429	vitrea	430
ustulata, <i>Duomyia</i>	428	vittata	451
ustulata, <i>Tetrameringia</i>	437	vittigera	450
		vulpecula	418
vanemdeni	437		
varia	452	waterhousei	427
variegatus	415	weindorferi	416
varimystaceus	424	wentworthi, <i>Cydistomyia</i>	420
varipes	416	wentworthi, <i>Leptocera</i>	436
vernalis	418	westralica	445
versicolor	439	whianensis	440
vespiformis	421	whitei	422
vexans	418	wilsoni	436
vicaria	448	wirthi	433
vicina	419		
victoriae	434	xanthopilis	419
viduatus	415	xanthops	429
viola	427		
viridaurea	429	zeta	444
viridithorax	413	zopherosa	437

ADDENDA  
AUSTRALIAN ASILIDAE

- Neoitamus neoclaripes* G. Hardy 1921c: 295.  
PT 2 ♂, 2 ♀, Blackheath, N.S.W. .... K43197  
*Cerdistus neoclaripes* (Hardy) (Hardy 1926:648).
- Neoitamus gibbonsi* Ricardo, 1918:64.  
ST 1 ♂, 1 ♀, Sydney, N.S.W. (labelled PT) .... K70915  
*Cerdistus gibbonsi* (Ricardo) (Hardy, 1926:652).

