

# THE AUSTRALASIAN DIPTERA OF J. R. MALLOCH.

By David J. Lee, Mabel Crust and Curtis W. Sabrosky.

(With One Portrait, Plate xi.)

[Read 30th November, 1955.]



J. R. Mallock

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By DAVID J. LEE, MABEL CRUST and CURTIS W. SABROSKY. 3

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An index to the Diptera from the Australasian Region dealt with by J. R. Malloch, comprising lists of families, groups, genera and species with bibliographical references and present location of the type and other named material and a bibliography of those papers by J. R. Malloch which concern the Australasian Region.

### 1. Introduction and Acknowledgements.

The present task was conceived by one of us (D.J.L.) because of the need for stabilization of the important type collections housed in the School of Public Health and Tropical Medicine. It was inevitable that the exigencies of the past war should have occasioned some degree of neglect in these collections, and with changes of staff in a small department it became necessary to establish the *status quo* of the collections under its care.

This could have been done as a purely domestic matter, but, because of the outstanding significance and the great extent of the contribution made by J. R. Malloch to our knowledge of the Diptera of Australia and the Pacific, it was decided to extend this project to the point of providing a basic document of reference to the work of J. R. Malloch on Australasian Diptera.

For the attainment of our objectives Miss M. Crust was appointed to devote her attention to producing a bibliography of pertinent literature and lists of species and higher groupings, dealt with by J. R. Malloch. This formed the basis of the present work and she was then able to give her attention to the rearrangement and listing of all the material in the collection of this School described or otherwise dealt with by Malloch. This was no mean task and constituted an arduous part of the total labour involved and was almost exclusively accomplished by Miss Crust.

It was at this stage that the co-operation of other organizations was sought. We felt that having set our own house in order we could legitimately impose on the time of entomologists in institutions elsewhere in Australia and overseas to find the extent to which Malloch type material was represented in these places. In all cases co-operation was most readily forthcoming and due acknowledgement is made below. In this way a body of information was gradually built up on the disposition of Malloch type material, leaving towards the end a residue of 200 species, the whereabouts of whose types became problematical. At this stage the literature had to be checked again and approaches made to a number of other institutions which were reputed to hold small numbers of the types in question, until gradually the number of missing types was reduced to little more than 50.

These latter stages have involved the entry, in the previously prepared master list, of all information coming in from outside sources. The reliability of the master list has been cross-checked by the submission of this outside information, and since less

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than a dozen species have been added to the list, this leads us to hope that it has attained a reasonably high order of accuracy.

It is often true that the complexities of a problem remain undisclosed until it is partially solved. In the present case we were aware of difficulties in working with Malloch material, but we had no conception of the very considerable difficulties inherent in the acquisition of Malloch's private collection by the United States National Museum. Indeed, our lists would never have approached completion, except for our own domestic problem, were we not able to have indirect access to this important collection. This indirect access has been provided by Curtis W. Sabrosky, of the staff of the United States Department of Agriculture, Agricultural Research Service, who has been in every sense a collaborator in the present task. His contribution to the final completion of these lists has been a very considerable one which has been all the more valuable because of his wide knowledge and critical approach to the many little problems involved. We are indeed most deeply indebted to the ever-willing assistance of Mr. Sabrosky. Other members of the same service who have also assisted in their particular fields are Dr. Alan Stone and Dr. Willis W. Wirth.

Outside Australia the next most important collection has been that of the British Museum (Natural History) and we are indebted to Mr. H. Oldroyd for listing and checking the fairly considerable holding of Malloch type material there. Dr. E. H. Bryan, Jr., of the Bernice P. Bishop Museum, provided us with all details of relevant material lodged there in a form which considerably lightened our own work.

Elsewhere outside Australia, Dr. F. Peus, of the Zoologisches Museum, Berlin, and Dr. H. Sachtleben, of the Deutsches Entomologisches Institut, have promptly supplied us with required information. We are also indebted to the Directors of the Musée Royale d'Histoire Naturelle de Belgique, the Rijksmuseum van Naturrlijke Historie, Leiden, the Hungarian Museum of Natural History, the Vienna Natural History Museum and the Zoological Museum, Hamburg, for information concerning the small holdings of Malloch material in these places.

Of most importance in Australia, apart from this School, have been the collections of the Division of Entomology, C.S.I.R.O., and of the Australian Museum. Dr. S. J. Paramonov and Mr. T. G. Campbell, of the former institution, have been most co-operative at all times, and for the latter Mr. A. Musgrave has been most helpful.

Mr. H. Womersley, of the South Australian Museum, and Mr. C. E. Chadwick and Mr. E. H. Zeck, of the New South Wales Department of Agriculture, have provided us with information concerning their respective institutions.

In New Zealand we are indebted to both Dr. D. Miller and Mr. A. W. Parrott, of the Cawthron Institute, for information concerning types held in both the Cawthron and the Canterbury Museum.

For details concerning Malloch's career we are indebted to Dr. W. V. King, Dr. W. L. McAtee and officers of the United States Fish and Wildlife Service. To Malloch himself we are grateful for the portrait reproduced herein.

Finally the unenviable job of typing this entire document twice fell to the lot of Miss C. Mullen, of this School, and we are most grateful for the care and patience she devoted to it.

It is appropriate, since Malloch published so many of his papers (45 papers totalling over 850 pages) in the Proceedings of the Linnean Society of New South Wales, that this catalogue should be presented in this journal.

(D.J.L.)

#### 2. J. R. MALLOCH.

John Russell Malloch is now living in retirement in Florida, having pursued a very active career in systematic entomology over a long period of years.

His birthplace was Milton of Campsie, Stirlingshire, Scotland, and the date, 16th November, 1875.

His early interest in entomology is evidenced by a number of papers appearing in journals such as the *Scottish Naturalist* following his graduation as Bachelor of Arts of the University of Glasgow in 1897.

In 1909 Malloch went to the U.S.A. and for a few years he travelled and worked in various jobs, including pattern designing in a silk works in New Jersey.

In 1912-13 he obtained a position as scientific assistant in the U.S. Bureau of Entomology; later he worked on insects at the Philadelphia Academy of Natural Science until he joined the State Natural History Survey of Illinois, where he remained until 1921.

His work with the U.S. Biological Survey (now Fish and Wildlife Service, Department of the Interior) commenced in June, 1921, when he was appointed Technical Assistant. Two months later he became Assistant Biologist, and in 1924 Associate Biologist, and was later promoted to Biologist in 1929, a position he held until the end of 1934, when he retired. He rejoined this department for a little over two and a half years in 1936-1938, when his official activities ceased, although his research activities continued for at least the next four years.

Malloch's early interests in entomology appear to have been in lepidopterous life histories, although his first descriptions of new species were of Hymenoptera. He also published on Hemiptera, but his long-continued interest has been in the Diptera, a group in which his studies embraced many families.

His work in the State Natural History Survey of Illinois culminated in the appearance of his important general work, "A Preliminary Classification of Diptera, Exclusive of Pupipara, based upon Larval and Pupal Characters, with Keys to Imagines in Certain Families", appearing in the *Bulletin of the Illinois State Laboratory of Natural History*, Vol. XII, article III, 1917, pp. 161-407.

From this period on his work has been exclusively on Diptera, but was far from confined to the fauna of the American continent. Important contributions were made to our knowledge of certain families on a global basis, but regionally his work extended to South America, the Pacific, Australasia, Malaya and Africa.

He has been, unquestionably, one of the most prolific Dipterists and it would now be difficult to assess the total number of species of which he is the author.

In the Australasian region we know that he described well over 1000 new species and reviewed more than twice as many more. This has been done in approximately 140 papers covering a range of 37 families of Diptera varying from the Bibionidae to the Tachinidae. In this region he has made important contributions to our knowledge of the Muscidae, Calliphoridae and Tachinidae, but even more important are his studies on the various families of Acalyptrate Muscoidea.

Most of Malloch's contributions to Australasian entomology came within the period 1920-1940, and in many of the groups he dealt with he was the sole worker.

His work is frequently basic and in many groups remains the latest authoritative work in Australian literature. Indeed, it is only in very recent years that there has been any attempt, by younger workers, to follow on with more modern revisions of a few of the many groups dealt with by Malloch.

There is no doubt that revisions are needed, but the basic framework of classification and species has been provided for us, under the difficult conditions imposed by small collections being sent abroad for study. Our task is now to convert this structural framework into a fuller knowledge.

Had Malloch not co-operated so fully in studying our local Diptera we would probably still be facing the construction of this framework, and we are greatly indebted to him for the task he has performed on our behalf.

#### 3. KEY TO ABBREVATIONS AND NOTES ON INTERPRETATION.

#### (a) Abbreviations.

Type material of Diptera from the Australasian Region has been located in seventeen collections. These are referred to in the list of species under the following abbreviations:

SPHTM.—School of Public Health and Tropical Medicine, University of Sydney, Sydney, New South Wales, Australia.

Aust. M.—The Australian Museum, College Street, Sydney, New South Wales, Australia.

NSW Dept. Agr.—The New Seuth Wales Department of Agriculture, Farrer Place, Sydney, New South Wales, Australia.

CSIRO.--Division of Entomology, Commonwealth Scientific and Industrial Research Organization, Australian Capital Territory, Australia.

S.A. Mus.- The South Australian Museum, Adelaide, South Australia, Australia.

Cawthron.- The Cawthron Institute, Nelson, New Zealand.

C'bury M.- The Canterbury Museum, Christchurch, New Zealand.

Bishop M.-The Bernice P. Bishop Museum, Honolulu, Hawaii.

USNM.—The United States National Museum, Washington, D.C., United States of America.

BM(NH).—The British Museum (Natural History), Cromwell Road, London, England.

Bruxelles.—Musée Royale d'Histoire Naturelle de Belgique, Rue Vautier 31, Bruxelles, Belgium.

Leiden.-Rijksmuseum van Natuurlijke Historie, Leiden, Holland.

Amsterdam.--Zoologisch Museum, Zeeburgerdijk 21, Amsterdam, Holland.

Budapest.—Orszagos Termeszettudomanyi Muzeum, Baross Utca 13, Budapest VIII, Hungaria.

DEI.--Deutsches Entomologisches Institut, Berlin--Friedrichshagen, Waldostrasse I, Germany.

Hamburg.—Zoologisches Staatinstitut und Zoologisches Museum, Hamburg 13, Bornplatz 5, Germany.

Vienna.--Naturhistoriches Museum in Wien, Wien, 1, Burgring 7, Austria.

Throughout the various lists literature references have been cited with a key number (M1-M135) followed by page references in brackets. The key numbers refer to the individual papers, serially listed, in the bibliography. In a few cases a serial number, e.g. M110 (a), covers more than one individual paper which appeared consecutively in the one publication. An attempt has been made to keep the papers in strict chronological order, but this has occasionally broken down within a particular year when publication in more than one journal has been involved. This means that in a few cases the reference with the lowest key number may not be the first reference to the species in question.

#### (b) Notes on Interpretation.

#### (i) Scope of the Species List.

We have endeavoured to list every species dealt with by Malloch from the Australasian Region which, for the convenience of this publication we interpret as Australia, Timor, islands northward to the Moluccas, and all islands of the Pacific eastward and southward from New Guinea to Hawaii. An occasional species from just outside this area has been included, but all strictly Oriental species have been excluded.

This species list is built up from the papers listed in the bibliography and from the material handled by Malloch. Occasionally no reference is given for a species although material identified by Malloch is listed. This simply means that the species in question has been identified by Malloch but not dealt with in the literature. All references by Malloch to Australasian species that we have discovered have been entered with the one important exception of his Catalogue of Australian Tachinidae (M47). This being in itself a full catalogue, we considered it would be redundant to republish the information which is already in its most useful form. The occasional references to this Catalogue have occurred because Malloch has identified certain of the species listed without discussing them in any subsequent paper.

# (ii) Holotypes.

Malloch infrequently used the term "holotype", the majority of his citations and labels being simply "type". As his intentions are clear we have consistently used "holotype" in the lists for the more ready differentiation of other kinds of types.

Although the majority of relevant types have been located there does remain a residue for which information is lacking. It is difficult to be positive that a missing

type is no longer in existence. For instance, types supposed to be in Hamburg and destroyed by bombing during World War II were eventually found in Malloch's collection. However, evidence of insect damage in Malloch's collection was obvious when handed over to the United States National Museum, and some types may have been destroyed. Also one of us (D.J.L.) did see Malloch type labels on empty pins in the School of Public Health and Tropical Medicine Collection in 1946, but these labels can no longer be located. Hence some types are known to have been lost in this way, but which ones remains in doubt. Further, there are records of certain types being received in this school in 1934 and the records include annotations that they were to go, or did go, to the Macleay Museum, University of Sydney, but no trace of these can now be found. Finally, there are a number of types of Calliphoridae, approximately ten, for which there is presumptive evidence that they were returned to Australia but which cannot be traced, nor is there any known record concerning them.

Whenever no holotype has been located, if there is any evidence as to what may have happened to it this is indicated in a footnote.

# (iii) Allotypes.

Although cited in his descriptions allotypes have not been regarded as of great importance by Malloch, and he has frequently labelled them "paratypes", although it is clear from his descriptions that a particular "paratype" specimen is the one referred to as allotype. Some such cases have been noted in the species list but there are undoubtedly others which have not been detected.

#### (iv) Paratypes.

In so far as possible specimens listed as paratypes have been checked with the original descriptions to make sure they were available to the author at the time the species in question was described. This procedure has been followed in the main by the authors but not by our other collaborators. Since Malloch has attached paratype labels to specimens seen after publication of a species, a reviewer should take precautions to assess the authenticity of paratype material before using it as a basis of redescription. For example, *Pseudoleucopis flavitarsis* was published in 1925, only the type being listed. In his collection was found a specimen labelled "paratype" but only collected in 1926, and referred to in the literature in 1930. Many other such cases of liberality with "paratypes" have been detected, hence our note of caution regarding the interpretation of the status of specimens labelled "paratype", since those designated subsequent to time of publication, and not examined during the description of the species cannot be valid paratypes.

# (v) Details of Labels.

There are many cases of discrepancy between the collection data as published and that appearing on the actual label. Wherever such instances have been detected they have been noted, but there will be more and reviewers should keep this in mind in case the relevant data are of significance. At times, too, there is a discrepancy between the name of the species as published and that appearing on the type label. The published name must stand, of course, but where such discrepancies have been detected they have been noted.

# (vi) Unpublished Names.

Quite a number of types have been found, both in Australia and in the United States National Museum, the names of which do not appear to have been published. In the main we have been convinced that most of these are unpublished, although it is still possible that our search of the literature has been incomplete despite our endeavours to the contrary.

In those cases where the unpublished name is confused with a description under some other name we have included the *nomen nudum* in our list. Otherwise unpublished names have been suppressed, in order to avoid adding such *nomina nuda* to the literature.

### (vii) Location of Type Material.

Malloch did not consistently indicate the sources of his material and where the types were to be lodged. This has led, in the past, to a great deal of confusion as to the whereabouts of his types. Furthermore, even when the types are stated to be in a certain institution it has not always meant that they did in fact reach the institution named. Added to this, Malloch's own collection has been inaccessible for a number of years, and even the collection housed in this School was not organized in such a way that a student could be certain of finding the material he wished to examine. All this meant that only limited reference could be made to the material on which Malloch based his extensive literature.

Most of the material examined by Malloch has now been located and its location is revealed in the present lists.

Since Malloch's correspondents were often individuals rather than institutions it was inevitable that some types did not end up in the collections in which they are stated to be lodged. Indeed this is a common occurrence. Further, some of the institutions no longer maintain collections and have transferred them elsewhere. In particular the important collection of the late Dr. Eustace Ferguson, once held by the New South Wales Department of Health, is now housed in the School of Public Health and Tropical Medicine, University of Sydney. Certain private collections have also been dissipated in various ways, but the major changes in type locations have been due to the changes in employment of some of Malloch's correspondents.

It would be more than a major task at this stage to try to reestablish types in conformity with the statements in the literature. Since the present dispersion of the collections in question no longer conforms with the literature, such a procedure would never be completely successful. This is the basis of the significance of publication of the lists of present type locations, since there is every reason to believe that stability has now been realized.

It is also obvious that the second World War did impede the return distribution of type material by Malloch. Many types were discovered in Malloch's private collection which became the property of the United States National Museum in 1949. Among this material it was obvious that quite a considerable number of the types should have been returned to a variety of museums and through the generosity of the U.S. National Museum these are being returned to the country of origin whenever this intention has been expressed in the literature.

#### (viii) Synonymy.

Since we have listed all specific names used by Malloch any synonymy for which he is responsible will be revealed when the species references are consulted. Other later synonymy for which authors other than Malloch are responsible has been ignored because we were only concerned with Malloch's literature as such and because it would be impossible for us to cover completely the subsequent literature, for all the groups dealt with by Malloch, in order to include all recent changes in specific status.

# (ix) Genera.

Species are listed in the genera in which Malloch included them. Changes in generic interpretation have taken place and where Malloch has been responsible for such changes, or where he has accepted changes proposed by other authors, these are revealed by the species being listed under each generic name. The occurrence of brackets around Malloch's name as author will provide a ready indication that such changes have occurred.

# (x) Family Names.

The family names used are those employed by Malloch. Changes in family concepts have also occurred and the entry of two or more family names after a generic name is an indication of varying family concepts. Certain family names, e.g. Ortalidae, were used by Malloch over a long period but his later papers reveal the adoption of an alternative name, as in the case cited, of Otitidae. In such cases we have tried to be consistent in using the earlier name as well as the later one in references subsequent to the change.

### (xi) Spelling.

Although we are aware that the spelling of some specific names used by Malloch is not correct, and in some cases has been corrected in recent literature, we have tried to be consistent in quoting Malloch accurately. Any variations from the spelling used by Malloch which may be detected are not corrections on our part but will be simply typographical errors.

#### 4. List of Families with Cross References to the Bibliography.

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ROMYZIDAE: M12 (622); M18 (335-
338); M24 (88-93); M25 (335-339);
M31 (546-547); M35 (7-8); M38 (421-
428); M86 (213-216); M104 (1-2);
M110 (340-342); M111 (18-19); M130
                       (266)
  ANTHOMYZIDAE: M102 (113-114); M115
                      (260-261).
  ASILIDAE: M43 (296-300); M46 (607-611);
                                                                                                                                                                                                                                                          (107).
                     M56 (408-410).
ASTEIIDAE: M18 (338); M38 (445-446);
M40 (23-26); M71 (231-233); M80 (321-
322); M93 (115-116); M112 (190-192);
M115 (259-260).
BISIONIDAE: M46 (602-606).
 BOMBYLJIDAE: M16 (
607); M51 (138-140).
                                                                                                              (205); M46 (606-
BORBORIDAE (SPHAEROCERIDAE): M1
(236-237); M24 (85-86); M44 (325-
326); M102 (260-262); M111 (23-24);
M116 (323-325).
                  M116 (32)
AIPHORIDAE: M20 (498); M33 (205); M36 (299-00-), M44 (328-329); M45 (360); M46 (612-613); M55 (288); M62 (269-272); M64 (256-257); M69 (436-447); M72 (313-324); M73 (233-237); M75 (481-483); M75 (234-68); M92 (13-16); M107 (12-64); M107 (12-64)
 CALLIPHORIDAE:
                                                                                                                                                                                                                                                         334); M109
M111 (30-31).
                    324); M73 (233-237); M75 (481-483);
M84 (64-68); M92 (13-16); M107 (12-
22); M110 (365); M114 (21-23); M119
(186 and 190).
                                                                                                                                                                                                                                                          (88-98)
(186 and 190).
CHLOROPIDAE: M12 (619-621); M18 (329-333); M19 (354-359); M24 (94-97); M25 (335-339); M31 (546); M38 (428-445); M43 (300-303); M74 (243-250); M78 (60-76); M83 (04-421); M96 (216-217); M111 (27-30); M114 (23-26); M16 (334-356); M128 (261-288); M134 (41-64)
                         (41-64)
                                                                                                                                                                                                                                                         and 116)
 CLUSIOIDÍDAE (CLUSIDAE): M30 (48); M63 (99); M66 (199-201); M(434-435); M96 (215); M135 (209).
                                                                                                                                                            M30 (47-
201): M69
 COELOPIDAE: M101 (345-350).
DIOPSIDAE: M117 (437-438).

DIOPSIDAE: M117 (437-438).

DROSOPHILIDAE: M12 (611-619); M19 (348-354); M24 (87-88); M25 (334-335); M35 (1-7); M40 (23-26); M45 (354-358); M76 (331-332); M96 (217-223); M109 (90); M106 (267-311); M111 (19-23); M112 (192-196).
 EMPIDIDAE: M69 (428); M97 (458).
                                                                                                 (449-450); M83 (424-
EPHYDRIDAE: M18 (333-335); M24 (86-
87); M25 (324-332); M31 (545-546);
M34 (5-17); M45 (353-354); M71 (245);
M105 (1); M106 (312-323); M111 (3-
                                                                                                                                                                                                                                     SEPSIDAE:
                     M105 (1); M106 (31
16); M112 (196-200).
 GEOMYZIDAE: M24 (93-94).
                                                                                                                                                                                                                                                         M109 (87).
 HELCOMYZIDAE: M103 (325-327).
 HELOMYZIDAE: M7 (227); M31 (551-
552); M39 (83-100); M72 (333-344);
M80 (294-295); M103 (183-184 and 200-
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LONCHAEIDAE: M43 (304-307); M74 (239-

MUSCIDAE: M4 (428-430); M5 (237-239); M6 (414-420); M8 (272-280); M9 (135-143); M10 (351-359); M11 (574); M12 (601-611); M13 (666-674); M14 (184-193); M15 (513-514); M17 (138-146); M21 (415); M22 (322-338); M23 (35-46); M25 (339-340); M26 (139-142); M27 (329-330); M28 (115); M29 (508); M20 (48-49); M27 (458-454); M27 (48-49); M27 (48-49); M28 (48-49); M20 (48-49); M2

M30 (48-49); M31 (553-554); M44 (326-

MICROPEZIDAE: M110 (342-348). MILICHIIDAE: M78 (76-78); M106 (325-

329); M111 (3).

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328); M49 (297 and 333-334); M50 (468); M52 (80-81); M55 (283); M58 (151-175); M60 (390-408); M62 (262-264); M65 (326-333); M72 (289-306); M83 (379-383); M89 (402 and 506); M95 (193-203); M107 (7-9); M108 (77-785); M108
           78); M119 (254-256).
 MYCETOPHILIDAE: M46 (599-602); M54
 NEOTTIOPHILIDAE: M31 (552-553); M35
           (16); M69 (435-436); M86 (217); M109 (94-95).
 NERIIDAE: M110 (343).
 OCHTHIPHILIDAE: M70 (488-491); M86
           (216-217); M130 (266).
 OPOMYZIDAE: M71 (235-242).
ORTALIDAE (OTITIDAE): M24 (85); M31 (547-548); M45 (343-353); M46 (611-612); M57 (505-516); M63 (99-100); M69 (429-434); M70 (491-492); M71 (243-244); M73 (215-231); M82 (1-28); M96 (205-215); M98 (36); M103 (262); M121 (97-154); M129 (66-88); M131 (19-20); M135 (205-208).
PHORIDAE: M2 (433, 501, 514); M25 (332-334); M109 (95); M110 (329-340);
 PHYTALMIIDAE: M122 (169-180); M129
 PIOPHILIDAE: M25 (315-316); M35 (8);
M43 (309); M74 (251); M80 (292-
293); M96 (215); M103 (246).
 PSYCHODIDAE: M3 (265).
 PYRGOTIDAE: M53 (1-31); M120 (51-53).
 RHAGIONIDAE: M79 (273-276); M88 (112
and 116).

SAPROMYZIJAE: M24 (81-85); M25 (316-324); M30 (31-47); M31 (548-551); M34 (20-26); M35 (8-15); M38 (399-421); M41 (102); M42 (162-163); M44 (319-322); M45 (355-360); M59 (37, 58, 65, 68, 80); M61 (409-414); M63 (97-98); M65 (322); M66 (201-213); M69 (434); M71 (244); M91 (3-12); M98 (34-36); M109 (87-90); M111 (24-27); M112 (180-189); M125 (447-449); M132 (20-22); M133 (132-145).
 SCIOMYZIDAE: M7 (228); M24 (80-81);
M44 (322-325); M48 (151-178); M72
(343-344); M113 (95-96); M130 (266).
                                 M25 (311-315); M43
          309); M46 (611-612).
 STRATIOMYIIDAE: M45 (360-366)..
 SYRPHIDAE: M1 (233-236); M7 (227);
M109 (87).

TACHINIDAE: M37 (336-353); M44 (329-335); M46 (614-617); M47 (651-662); M54 (107-117); M55 (283-343); M67 (92-135); M68 (303-353); M72 (307-311 and 325-331); M77 (130); M78 (78); M80 (295-298); M83 (385-388); M85 (127-132); M87 (273-274); M97 (431-454); M99 (74-79); M100 (135-139); M104 (2-8); M107 (24); M108 (74-76); M110 (348-365); M114 (10-20); M119 (162-252); M134 (64).

TETHINIDAE: M109 (91-94); M111 (16-
TETHINIDAE: M109 (91-94); M111 (16-
THEREVIDAE: M90 (241-242).
TRYPETIDAE: M81 (253-266); M83 (391-404); M94 (145-147); M103 (274); M112 (200); M118 (111-116); M123 (331-334); M124 (409-465); M126 (228-278); M127 (239-242); M135 (202).
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# 5. LIST OF SUBFAMILIES, TRIBES AND GROUPS, WITH CROSS REFERENCES TO THE BIBLIOGRAPHY.

(N.B.—This list includes only references to the above groupings when the individual groups are discussed as such. References in which the subfamily, tribe or group is not disclosed are not included.)

not included.) ACTIINI (Tachinidae): M54 (114-117); M68 (303-310); M110 (364); M114 (20). ADRAMINI (Trypetidae): M123 (331-M124 (413-415); M126 (246-250). M123 (331-334); OMYZINAE (Agromyzidae): M18 338); M24 (89-92). AGROMYZINAE Armenini (Tachinidae): M37 (342-345); M44 (329-330); M46 (614); M55 (285-286); M67 (101-104); M99 (74-77). Angitulinae (Phytalmiidae): M122 (170). Anthomylinae (Muscidae): M4 (428-429); M17 (138-139); M25 (339-340); M30 (48); M60 (390-391); M72 (290-291). ASILINAE (Asilidae): M46 (609-611). BERIDINAE (Stratiomyiidae): M45 (361-365). BOTANOBIINAE (Chloropidae): M24 (95-97); M25 (335-339); M31 (546); M38 (434-445); M43 (300-303). Calliphorinae (Calliphoridae): M36 (301-324); M46 (613); M72 (315-324); M73 (234-237); M92 (15-16); M107 (11-20). Calliphorini (Calliphoridae): M72 318). CANACEINAE (Ephydridae): M18 (333-334); M24 (86-87); M34 (5-6); M111 (4-6). CERATITINAE (Trypetidae): M81 (265). CERATOMERINAE (Empididae): M83 (428-429). CEROPLATINAE (Mycetophilidae): M46 (599-CHAMAEMYIINAE (Sciomyzidae): M130 (266). CHLOROPINAE (Chloropidae): M24 (94-95); M38 (428-434); M74 (248-250); M78 (67-73); M83 (414-421); M116 (334-356). CHLOROTACHINA (Tachinidae): M55 327) CHRYSOMYIINAE (Calliphoridae): M36 (324-328); M72 (314-315); M73 (233-234); M107 (21). CLINOCERINAE (Empididae): M83 (428). NOSIINAE (Muscidae): M5 (239); M10 (380-383); M22 (331-333); M58 (157-COENOSIINAE 159). CYLINDROMYIINI (Tachinidae): M55 (289-291); M68 (312-316); M83 (385-388). DACINAE (Trypetidae): M81 (254-265); M124 (410-415); M126 (228-250). INII (Trypetidae): M124 M126 (228-246). (410-413):Dasypogoninae (Asilidae): M43 (299-300); M46 (607-608). DEXIMI (Tachinidae): M55 (315-316); M67 (109-128); M85 (127-132); M110 (364-365). Drosophilinae (Drosophilidae): M76 (331-332). EMPIDINAE PIDÎNAE (Empididae): M69 (448-450); M83 (424-427). M24 (86); M25 (327-332); M32 (10-12); M106 (322-323); M111 (6-16). EPHYDRINAE (Ephydridae): M18 EUTHERA (Tachinidae): M55 (332-333). Exorista (Tachinidae): M55 (330-332). FANNIINAD (Muscidae): M12 (605-606); M17 (146); M58 (156-157); M72 (305). Gonia (Tachinidae): M55 (320-323). GROUP I (Trypetidae): M124 (415-439). GROUP II (Trypetidae): M124 (439-440). Group III (Trypetidae): M124 (440-454). HAEMATOBIINI (Muscidae): M89 (506).

HEMERODROMIINAE (Empididae): M69 (450);

Homalocneminae (Empididae): M83 (428);

Hydrellinae (Ephydridae): M34 (14-17).

M83 (428).

M97 (458)

LAPHRIINAE (Asilidae): M43 (297-299); M46 (609).Leskiini (Tachinidae): M67 (128-133). LINNAEMYIINI (Tachinidae): M55 (316-320); M68 (310-311). LISPINAE (Muscidae): NAE (Muscidae): M8 (280); M10 (384-389); M12 (606-611); M22 (333-338); M25 (340); M58 (153-156); M60 (391-392); M95 (193-195). METOPHNAE (Calliphoridae): M36 (334-335): M69 (436-447). MICROTROPEZINI (Tachinidae): 615); M55 (286-288); M67 (99-101). MILICHIINAE (Agromyzidae): M18 (335-336) M24 (88-89); M31 (546-547); M3 (7-8). M35Muscinae (Muscidae): M31 (553-554); M49 (328-335); M58 (173-174); M60 (407-408); M62 (264); M72 (305-306); M95 (203).Notiphilinae (Ephydridae): M25 (324-327); M34 (12-13); M106 (313-321). OCHTHIPHILINAE (Agromyzidae, Ochthiphilidae or Sciomyzidae): M24 M25 (335). (92-93);Oscinosominab (Chloropidae): M74 248); M78 (60-67); M83 (404 M128 (261-288); M134 (41-64). (244-(404-414); PACHYGASTRINAE (Stratiomyiidae): M45(365-366).PALPOSTOMINI (Tachinidae): M37 (337-342); M55 (334); M67 (133-135). M55 (334); M67 (133-135).

PHAONIINAB (Muscidae): M4 (429-430); M5 (237-239); M6 (414-420); M8 (272-275); M9 (135-143); M11 (574); M12 (601-605); M13 (666-674); M17 (139-146); M21 (415); M22 (322-331); M23 (39-45); M25 (340); M30 (48-49); M31 (554); M49 (290-328); M50 (468-469); M55 (283); M58 (160-173); M60 (392-407); M62 (262-264); M65 (326-333); M72 (292-305); M83 (379-383); M95 (196-202); M119 (254-256).

PHASUIN (Tachindae): M54 (108-112): M55 PHASIINI (Tachinidae): M54 (108-113); M55 (284-285); M67 (92-99); M72 (307- $\hat{3}11$ ). PHOROCERA (Tachinidae): M55 (327-330). PLATYSTOMINAE (Ortalidae); M121 (98-154); M129 (67-88); M45 (343-351); M69 (429-434); M73 (219-231). Polleniini (Calliphoridae): M72 (318-324). RHINIINAE (Calliphoridae): M32 (498); M36 (328-334); M46 (612-613); M55 (283). RIVELLIINAE (Ortalidae): M45 (351-353). (10): M37 ILINI (Tachinidae): M37 (345-353); M44 (330-335); M46 (615-617); M55 (291-315); M67 (104-109); M78 (78); M110 (348-351); M114 (10-20). RUTILIINI (Tachinidae): Sarcophaginae (Calliphoridae): M36 (334); M62 (269-272); M75 (481-483); M92 (13-15); M107 (21-23). SCHISTOPTERINAE (Trypetidae): M124 (463). Sciomyzinae (Sciomyzidae): M44 (324-325). Sepedonini (Sciomyzidae): M44 (322-324). STOMOXYDINAE (Muscidae): M89 (402-403); M89 (506). STURMIINI (Tachinidae): M110 (351-364). німімі (Tachinidae): M54 (1 M55 (320-334); M68 (316-353). TACHININI (113-114); TEPHRITINAE (Trypetidae): M124 (454-463). TETHINAE (Agromyzidae): M18 (336-337). Toxurinii (Pyrgotidae or Ortalidae): M53 (23-30). TRYPETINAE (Trypetidae): M81 (266); M124 (415-454); M126 (250-278).
ULIDIINAE (Ortalidae): M73 (215-219); M121 (97-98); M129 (66-67).

Voria (Tachinidae): M55 (333-334).

# 6. LIST OF GENERA WITH CROSS REFERENCES TO THE BIBLIOGRAPHY.

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Acanthoneura Macq. (Trypetidae): M124 (432-435) and (464).

Achias Fabr. (Ortalidae): M45 (351); M121
                                   (Trypetidae): M124
                                                                           Aphaniosoma
                                                                                                 Beck.
                                                                                                             (Geomyzidae):
                                                                                                                                      M24
                                                                                 (94).
                                                                           Aphiochaeta Bru
M110 (334).
                                                                                              Brues (Phoridae): M2 (514);
       (134-138)
 Achiosoma Hendel (Ortalidae): M121 (130-
                                                                           Aphritis Latr. (Syrphidae): M1 (236). Apilia Mall. (Tachinidae): M68 (345-346);
       131).
 Acinia R.-D.
                    (Trypetidae): M124 (460)
                                                                                 M80 (298).
 Acropyrgota Hendel (Pyrgotidae): M53 (15-
                                                                           Apocephalus Coq.
                                                                                                     (Phoridae): M109 (95)
                                                                           Aprometopis
                                                                                               Beck.
                                                                                                           (Chloropidae):
                                                                                                                                    M114
 Acrostichalia Tonn. & Mall. (He M39 (87); M103 (200-202).
                                           (Helomyzidae):
                                                                                 (23).
                                                                           Apterina Macq. (Borboridae): M102 (261).
Apteroscinis Mall. (Chloropidae): M83 (407-
M39 (87); M103 (200-202).

Acrosticta Loew (Ortalidae): M73 (217);
M96 (206-207); M103 (262).

Actia R.-D. (Tachinidae): M54 (116); M55 (334); M68 (304-310); M77 (130);
M110 (364); M114 (20).

Actina Latr. (Stratiomyiidae): M45 (364).

Acucera Mall. (Tachinidae): M68 (328).

Adamsilia Wasa (Pyrgotidae): M52 (16 17
                                                                                 408).
                                                                           Apulvillus Mall. (Ephydridae): M112 (198-
                                                                                 199).
                                                                          Apyrgota Hendel (Pyrgotidae): M53
Archiphytalmia Ender. (Phytalmi
M122 (172 and 180).
                                                                                                                                     (3)
(Phytalmiidae):
                                                                                             Hutt.
                                                                           Arctoneura
                                                                                                        (Mycetophilidae):
                                                                                 (599-600)
                                                                           Arnomyia Mall. (Sapromyzidae): M63 (97-98)
                                                                           Arrhenomyza
                                                                                                 Mall.
                                                                                                             (Tachinidae):
                                                                                                                                     M55
                                                                          (322).
Arthuria Mall.
 Aenigmetopia Mall.
                                (Calliphoridae): M69
       (447)
                                                                                                  (Tachinidae): M119
*Aequia Mall. (Tachinidae): M68 (325).

Agromyza Fall. (Agromyzidae): M12 (622);

M24 (90); M38 (424-428); M110 (340).

Allophylina Tonn. & Mall. (Helomyzidae):
                                                                                 167).
                                                                           Asetulia Mall. (Tachinidae): M119 (188-
                                                                                 189)
                                                                           Asilus Linné (Asilidae): M46
Asindulum Latr. (Mycetoph
       M39 (88).
                                                                          A sindulum
                                                                                                        (Mycetophilidae):
                                                                                 (599-600).
Allophylopsis
                     Lamb
                                 (Helomyzidae): M39
                                                                          Assuania Beck. (Chloropidae): M78 (69-70).
Asteia Meig. (Asteiidae): M71 (231-233).
Astiosoma Duda (Asteiidae): M76 (322);
M93 (115-116); M112 (190-192).
Asyntona O.S. (Ortalidae): M121 (122);
M129 (76).
       (91-99).
Altaia Mall. (Tachinidae): M119 (209-210).

Amedoria B. & B. (Tachinidae): M110 (364).

Amenia R.-D. (Tachinidae): M37 (343-344);

M46 (614); M55 (286); M67 (101-102);

M99 (74-77).
Amiota Loew (Drosophilidae): M12 (612).
Amphibotica Macq. (Tachinidae): M37 (349);
                                                                          Atherigona Rond. (Muscidae): M14 (184-
192); M17 (145); M28 (115); M44
(326-327); M58 (158-159); M60 (396-
       M55 (312).
                                                                                 397); M95 (201-202).
erimorpha White (Rhagionidae): M79
Amphibolosia
                     Surcouf
                                   (Tachinidae): M68
       (310)
                                                                          Atherimorpha
Amphicyphus Meig. (Sapromyzidae): M31
                                                                                 (275)
       (550).
                                                                          Atherix Meig.
M88 (112).
                                                                                                 (Rhagionidae): M79 (274);
Amplipila Curran (Tachinidae): M55 (336); M68 (347).
                                                                          Atonognathus Big. (Phytalmidae): M122
Amplipilis = Amplipila Curran (Tachinidae): M68 (347).
Anabarrhynchus Macq. (Therevidae): M90
                                                                          Atrichopleura Bez. (Empididae): M83 (424-
       (241).
                                                                                 425).
 Anaclysta Stein (Muscidae): M12 (602-603)
                                                                          Australina Mall. (Sapromyzidae): M25 (323).
Anamastax
                  B. & B. (Tachinidae): M54
                                                                          Australophyra Mall. (Muscidae): M13 (667);
       (114).
                                                                                M31 (554)
                                                                          Australosepsis Mall. (Sepsidae): M25 (314-315); M43 (307).
Austrodexia Mall. (Tachinidae): M67 (123-
Anaperistommyia Town. (Tachinidae): M80
       (296).
Anatropomyia (127).
                      Mall.
                                    (Tachinidae):
                                                                                126).
Andrenosoma Rond.
                              (Asilidae): M43 (299).
                                                                          Austroleptis
                                                                                              Hardy
                                                                                                            (Rhagionidae):
                                                                                                                                     M79
Aneuria Mall. (Helomyzidae): M72
                                                          (340 -
                                                                                 (274).
      343).
                                                                          Austrometopia Mall. (Calliphoridae): M69
Angitula
                 Walk.
                              (Phytalmiidae):
                                                          M122
                                                                                 (438).
       (170); M129 (90).
                                                                          Austrophorocera Town. (Tachinidae): M68
Angitulina
                  Ender.
                              (Phytalmiidae):
                                                          M122
                                                                                 (344).
Angituloides Hendel (Phytalmiidae): M122 (169); M129 (90-91).

Anomoia Walk. (Trypetidae): M124 (449); M126 (275).
                                                                          Avibrissia Mall. (Tachinidae): M97 (437)
Avibrissia Mall. (Tachinidae): M97 (43
439); M119 (179).
       (179).
                                                                          Balioglutum Aldr. (Mu
Batrachomyia Skuse
(336); M38 (44
                                                                                                     (Muscidae): M23 (45-46)
                                                                                                      use (Chloropidae): (440-441); M128
Anthomyia
                  Meig. (Muscidae): M23
                                                        (37):
                                                                                                                                    (264 -
M60 (390).
Anthracomyia Mall.
                                                                                265)
                                                                          Renjaminella
                                 (Calliphoridae): M36
                                                                                                Mall.
                                                                                                            (Chloropidae):
                                                                                 (337); M128 (267).
s Latr. (Strationylidae): M45
       (319); M45 (360).
                       Mall.
Anthracomyza
                                 (Calliphoridae): M36
                                                                          Beris Latr.
                                                                                                                               (363)
(319); M45 (360).
Antineura O.S. (Ortalidae): M121
                                                                          Berisina Mall. (Stratiomylidae): M45 (365).
Bibio Geoff. (Bibionidae): M46 (602).
Borboroides Mall. (Borboridae): M24 (85-
                                                      (104)
Antipodonyia Mall. (Muscidae): M4 (429-430); M23 (44); M49 (297).

Antriadophila Skuse (Mycetophilidae): M46
                                                                                86).
                                                                          Botanobia Lioy (Chloropidae): M25
339); M38 (445); M134 (57-64).
Brachydeutera Loew (Ephydridae):
(335); M45 (353-354).
Brea Walk. (Ortalidae): M121 (124-124).
                                                                                                                                   (338-
       (599-600)
Apactoneura Mall. (Ortalidae): M73 (223-
      224).
Apalpostoma Mall. (Tachinidae): M67 (134-
                                                                                                                           (124-125)
                                                                          Bunostoma Mall. (Drosophilidae): M96
(219-220); M112 (193).
Byomya R.-D. (Muscidae): M49 (333-335);
      135).
Apalpus Mall. (Tachinidae): M55 (318).
Apemon Johannsen (Mycetophilidae): M46
      (600).
                                                                                M58 (174); M95 (203).
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<sup>\*</sup> The generic name Aequia is mentioned in the discussion on Hyalomyodes, M68 (325). It is evident that Malloch first intended to describe the species preceding this discussion in a new genus Aequia but later identified it as Leucostoma simplex (Fallen), and failed to make the appropriate alteration in the following text. Aequia is thus a generic nomen nudum.

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      Cadrema
      Walk. (Chloropidae): M74 (246);

      M83 (404-407); M96 (216); M111 (28-29); M128 (277-279).

      Cairnsimyia
      Mall. (Helomyzidae): M80 (294-

            295).
Calcager Hutt.
                            Hutt. (Tachinidae): M55 (3 (174-175); M119 (239-240).
                              Curran (Tachinidae);
M119 (172-175).
R.-D. (Calliphorian
 Calcageria
            (342);
           (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721), (1721)
 Calliphora
                                                                                                    (6<del>13</del>);
             (186).
 Calliphoroides Mall. (Muscidae): M72 (306).
 Callistomyia Bez. (Trypetidae): M124 (447-
            448).
Callopistromyia Hendel tidae): M96 (211).
                                                                    (Ortalidae)
 Calloplatyura Mall. (Mycetophilidae): M46
             (601)
 Calobata Meig. (Micropezidae): M110 (343-
 Calopygidia Mall. (Tachinidae): M68 (350-351).
 Calotachina Mall. (Tachinidae): M119 (176-
            177).
Camaromyia Hendel (Trypetidae): (274); M124 (460-461).
Campylia Mall. (Tachinidae): M119 240).
                                                                                                       M103
                                                                                                        (239-
Campylocera Macq. (Pyrgotidae): M53 (17-
18) and (30-31).
Canace Haliday (Ephydridae): M24 (87);
M111 (4).

Caricea R.-D. (Muscidae): M22 (332-333).

Carpophthorella Hendel (Trypetidae): M124 (448); M126 (263-264).
Casa Hutt. (Mycetophilidae): M46 (600).
Catharosia Rond. (Tachinidae): M80 (295).
Caviceps Mall. (Chloropidae): M19 (356);
M128 (275).
Celetor Loew (Ortalidae): M57 (506)
Cephaloconus Walk. (Sapromyzidae):
(89-90); M125 (448-449); M133
Cerataulina Hendel (Sapromyzidae):
                                      (Ortalidae): M57 (506).
                                                                                                       M109
                                                         (Sapromyzidae):
            (102)
 Ceratitella Mall. (Trypetidae): M124 (452-
            453).
 Ceratitis McLeay (Trypetidae): M124 (451).
                                              Hendel
 Ceratolauxania
                                                                          (Sapromyzidae):
            M38 (408-409)
 Ceratomerus
                                     Philippi
                                                                 (Empididae):
                                                                                                           M83
             (428-429)
 Cerodonta Rond.
           pdonta Rond. (Agromyzidae): M24 90); M38 (423-424).
 Ceroplatus
                                  Bosc.
                                                       (Mycetophilidae):
             (600)
 Cerosomyia Hutt. (Tachinidae): M119 (196-
            199).
 Cerotelion
                                Rond.
                                                       (Mycetophilidae):
                                                                                                           M46
             (600).
 Cestrotus
                               Loew
                                                     (Sapromyzidae):
                                                                                                        M133
             (134)
 Chaetocoelopa
                                       Mall.
                                                               (Coelopidae):
             (350).
 Chaetodacus Bez. (Trypetidae): M94 (145-
            146).
 Chaetogaster Macq. (Tachinidae): (353); M55 (315); M114 (19-20). Chaetogastrina Mall. (Tachinidae):
             (3\dot{1}3-314).
 Chaetolauxania Kert. (Sapromyzidae): M61
             (410).
 Chaetoleucopis Mall. (Agromyzidae) (Ochthi-
philidae) (Sciomyzidae): M86 (216-217).
Chaetilispa Mall. (Muscidae): M12 (606).
 Chaetometopia Mall. (Calliphoridae): M69 (443-444).
 Chaetomosillus Hendel (Ephydridae): M105
             (1).
  Chaetophthalmus B. & B. (Tachinidae): M55
             (319); M68 (311).

topiophila Mall.

(309); M80 (293).

topsis Loew (Ort
 (319); M6
Chaetopiophila
                                                               (Piophilidae):
  Chaetopsis
                                                     (Ortalidae)
                                                                                          (Otitidae):
 M96 (207).
Chaetorivellia de Meij. (Ortalidae) tidae): M121 (127).
Chaetoscatella Mall. (Ephydridae):
                                                                                                          (Oti-
                                                                                                        M106
             (322-323); M112 (199-200).
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Chamaemyia Panzer (Ochthiphilidae): M70
      (491)^{-}
Cheesmanomyia Mall. (Trypetidae): M124
      (420).
Chelipoda Macq. (Empididae): M83 (428)
Chilocryptus Mall. (Sapromy
(26-27); M112 (188-189).
Chloromerus Beck. (Chloro
                           (Sapromyzidae): M111
      romerus Beck. (Chloropidae): M18 (332); M38 (431-434); M78 (68); M116 (336-337).
Chloropella Mall. (Chloropidae): M24 (94-
Chloropisca Loew (Chloropidae): M38 (429
430); M83 (414); M116 (353-354).
Chlorops Meig. (Chloropidae): M74 (250)
M78 (70-73); M83 (420-421); M11
      (337).
Chloropsina Mall. (Chloropidae): M18 (333).
Chlororhinia Town. (Calliphoridae): (498); M36 (332); M55 (283). Chlorotachina Town. (Tachinidae):
                                                      M32
                                                      M37
(353); M55 (324-326)
Chonocephalus Wand. (1
(339-340).
                                 (Phoridae) :
                                                    M110
Chorisops
               Rond.
                           (Stratiomyiidae):
                                                      M45
      (364)
                             (Calliphoridae)
Chrysomyia
                  R.-D.
      (639); M33 (205); M36 (327-328);
(315); M73 (233-234); M107 (21)
Chrysomyza
                 Fall.
                         (Ortalidae):
                                            M24
                                                    (85):
Chrysomyza Fall. (Ortalidae): M24 (85 M73 (215); M129 (67); M135 (205). Chrysopasta B. & B. (Tachinidae): M (616); M55 (307); M67 (105-106). Chrysopilus Macq. (Rhagionidae): M (276); M88 (116).
                                                      M46
Chrysopogon Roed. (Asilidae): M43 (300)
Chrysotrypanea Mall. (Trypetidae): M124 (457-458).
Cladodromia Bez. (Empididae): M83 (428).
Clasiopa Stenhammar (Ephydridae): M34
      (13).
              Macq. ((107-112).
                           (Ortalidae)
                                             (Otitidae):
Cleitamia
     M121
                           (Ortalidae) (Otitidae):
Cleitamoides Mall.
     M121 (107)
Clusiosoma Mall. (Ortalidae) (Trypetidae)
M31 (548): M124 (425-427); M12
             (548);
                                                    M126
     M31
(259).
Coelopa Meig. (Coelopidae): M101 (345).
Coelopella Mall. (Coelopidae): M101 (348).
Coenolispa Mall.
                        (Muscidae):
                                            M95
     195).
Coenosia Meig. (Muscidae): M22 (332)
Colobostrella Hendel
                               (Trypetidae):
                                                    M124
      (446).
      bostroter Ender.
(418-419); M124
Colobostroter
                                                    M124
                                (Trypetidae):
                              (441)
Compsilura (360).
                  Bouche
                               (Tachinidae):
                                                     M110
Conicipithea Hendel (Ortalidae) (Otitidae):
     M121 (103).
                   Duda
Conioscinella
                            (Chloropidae):
      (280 - 287)
     romyza Fall. (Borboridae)
ceridae): M106 (323).
Copromuza
                                              (Sphaero-
Cristobalia Mall. (Trypetidae): M124 (448);
     M126 (265).
Cryptochaetum Rond. (Agromyzidae)
thiphilidae) (Sciomyzidae): M38
423); M70 (490).
                                                    (Och-
                                                    (421-
Cuphocera Macq. (Tachinidae): M68 (316-
      318).
Cycasia Mall. (Trypetidae): M135 (203).
yundromyia Meig. (Tachin
(291); M68 (312-316).
Czernyola Bez. (Clusioididae)
M135 (209).
Dacus Fabr.
Cyclopsia Mall. (Trypetidae): M124 (445)
                                (Tachinidae):
                                                     M55
                                           (Clusiidae):
Dacus Fabr. (Trypetidae): M81 (254-265);
M94 (145-146); M118 (112-115); M124
(411-413); M124 (464); M126 (228-
      246).
Dasycoelopa Mall. (Coelopidae): M101 (349-
      350).
Dasydrosophila Duda (Drosophilidae): M106
      (291)
Dasyomma
                  Macq.
                              (Rhagionidae):
                                                      M79
      (275)
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Dasyortalis

(68).

Hendel

(Ortalidae)

M57 (506); M121 (102-103);

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Dasyrhicnoessa
                                 Hendel
                                                     (Agromyzidae)
        (Tethinidae): M109 (93-94).
       à Mall. (Tachinidae): M68 (332-335);
M80 (298).
Delta
Deltastoma Mall. (Chloropidae): M19 (359);
M38 (442); M78 (66-67); M128 (275)
Deltomyza Mall. (Tachinidae): M68 (332-
335); M80 (298).
Degeeria Meig. (Tachinidae): M110 (362-
                                                                      (332-
                             (Tachinidae): M110 (362-
        363).
Demoticus Macq. (Tachinidae): M55 (332); M67 (129).
Depressa Mall. (Saprom 32); M38 (400-402)
                             (Sapromyzidae): M30 (31-
Deromyia Philippi (Asilidae): M43 (299).

Desmometopa Loew (Agromyzidae) (Miliania)
                                                                    (Mili-
       chiidae): M18 (336); M35 (7-8); M106
        (227-328)
Dexia Meig. (Tachinidae): M55 (316).
Dexopollenia Town. (Calliphoridae): M36
        (324).
Diarrhegmoides Mall. (Trypetidae): M124
        (437-438).
Dichaetophara Rond. (Sciomyzidae): M44
(323-324).
Dicladochaeta Mall,
Dicladochaeta Mall. (Drosophilidae): M96 (218); M112 (195).
Dilophus Meig. (Bibionidae): M46 (602).
Dimeringophrys Ender. (Trypetidae): M124
        (441).
Dioides Kert. (Sapromyzidae): M133 (134).
Diplochorda O.S. (Phytalmiidae): M122
(175-179); M129 (90).
Diplogeomyza Hendel (Helomyzidae): M39
                                                                      M122
        (84-85).
Diploneura Lioy (Phoridae): M110 (329-
        331).
Diplotoxa I.oew (Chloropidae): M38 (434); M74 (248-250); M83 (416-418). Dipsomyia Bez. (Empididae): M83 (428).
Dipsomyia Bez. (Empididae): M83 (428).

Discocerina Macq. (Ephydridae): M106 (318-321); M112 (197).

Doddiana Curran (Tachinidae): M55 (335); M68 (340-342); M100 (135-139).

Dohrniphora Dahl (Phoridae): M25 (332-334); M110 (329); M111 (31).

Domina Hutt. (Ephydridae): M34 (12).

        sophila
        Meig.
        (Drosophilidae):
        M12

        (613-618);
        M19
        (350-354);
        M24
        (87-88);

        88);
        M35
        (2-6);
        M106
        (277)
        (289)

        (291)
        (300-311);
        M111
        (20-22);
        M112

Drosophila
         (193-194)
 Duomyia Walk. (Ortalidae): M45 (350-351);
M57 (506-511).
 Ectinorrhynchus Macq. (Therevidae): M90
         (241).
 Efftayloria Mall. (Tachinidae): M134 (64).
 Egle R.-D. (Muscidae): M23 (38); M30
         (48).
 Elaphomyia Saunders (Phytalmiidae): M122
         (180)
                                 (Ortalidae): M45
(22); M121 (115
                     r Big. M82
 Elassogaster
                                                                       (351-
 352); M82 (22); M121 (115-117);
M129 (68-70).
Elliponeura Loew (Chloropidae): M83 (415).
Engycera Mall. (Tachinidae): M119 (180-
         182).
         coptera Macq. ('(441); M127 (239). copterina Mall. (
 Enicoptera
                                         (Trypetidae):
                                                                       M124
                                          (Trypetidae):
 Enicopterina
 Entropter in India: (Tippetidae) (1439); M127 (241).

Ensina R.-D. (Trypetidae): M124

Ephydra Fall. (Ephydridae): M2

M34 (7-9).
                             (Ephydridae): M124 (463)
                                                                   (329);
         (331-332); Mall.
M128
 Ephydroscinis
                                           (Chloropidae):
                              M38
                                           (437); M78
        M128 (274).
 Ephygrobia Sch. (Ephydridae): M34 (12).
Epicerella Macq. (Pyrgotidae): M53 (10
15) and (24-28).
                                                                        (10-
 Epicerina Mall.
                                (Pyrgotidae): M120 (52-
 Eristalis I.atr. (Syrphidae): M7 (227).
Erythronychia B. & B. (Tachinidae): M97 (442-449); M119 (189).
Euamphibolia Town. (Tachinidae): M46
  Euamphibolia
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(615).

Eucompsomyia Mall. (Calliphoridae): M36 (325-326).Euhippelates Mall. (Chloropidae): M24 (96-97); M38 (436); M128 (267). Eulimmia Tonn. & Mall. (Sciomyzidae): M48 (172-173).Eumorphomyia Hendel (Pyrgotidae): M53 (3). Euphasia Town. (Tachinidae): M68 (326-327). Euphranta Loew (Trypetidae): M124 (443); M126 (252). Mall. Euphomosia (Calliphoridae): Euphomosia Mall. (Calliphoridae): M36 (324); M107 (12-16).

Euprosopia Macq. (Ortalidae): M45 (344-347); M46 (612); M57 (512-513); M69 (429-431); M82 (7-8); M121 (147-153); M129 (78-88).

Eupsilopa Mall. (Ephydridae): M106 (316-317). Euryomma Stein (Muscidae): M17 (146). Eustacomyia Mall. (Tachinidae): M37 (337-338); M67 (133-134). Euthera Loew (Tachinidae): M55 (333). Euthyplatystoma Hendel (Ortalidae) tidae): M121 (153). (Oti-Eutricimba Mall. (Chloropidae): M83 (408esta Loew (Ortalidae, Otitidae): M73 (216); M96 (206-210) 409). Euxesta Loew (216); M96 (206-210).
Euxestomoea Hendel (Ortalidae) (Otitidae): M121 (106). Evibrissa Rond. (Tachinidae): M83 388). Exechopalpus(Tachinidae): Macq. (130-133).Exorista Meig. M119 (182). (Tachinidae): M55 (330); Exsul Hutt. (Muscidae): M13 (674).
Fannia R.-D. (Muscidae): M12 (605-606);
M58 (156); M72 (305).
Fenwickia Mall. (Helomyzidae): M72 (337-339). usonina Mall. (Agromyzidae): (337-338); M24 (90-92); M86 M18Fergusonina 216). Formosia Guer. (Tachinidae): M37 (350-351); M55 (308-312); M67 (104-105). Formosina Beck. (Chloropidae): M116 (355). Froggattimyia Town. (Tachinidae): M55 (323); M87 (273-274); M104 (2-7). Frontalia Mall. (Pyrgotidae): M53 (28-30). Fucellia R.-D. (Muscidae): M25 (339-340). Gastrozona Bez. (Trypetidae): M124 (448). Gaurax Loew (Chloropidae): M19 (355); M38 (444); M96 (217). Genotrichia Mall. (Tachinidae): M119 (164-165). Geraldia Mall. (Tachinidae): M68 (327) Girafionyia Sharp (Phytalmidae): M68 (327).
Girafionyia Sharp (Phytalmidae): M122 (179); M129 (93-98).
Gitonides Knab (Drosophilidae): M19 (349);
M35 (7).
Glabellula Bez. (Bombylidae): M46 (606). Gonia Meig. (Tachinidae): M55 (323). Gordonia Mall. (Muscidae): M31 (553-554). Grammicomyia Big. (Micropezidae): M110 (343-344). Grapholostylum Macq. (Tachinidae): M37 (352).Graphomyia R.-D. (Muscidae): M23 (46). Graphotachina Mall. (Tachinidae): M119 (238-239)Graptomyza Wied. (Syrphidae): M109 (87) honeura Sch. (Sapromyzidae): M59 (58); Ann. Mag. Nat. Hist., ser. 9, 16: Griphoneura Sch. 362. Guamomyia Mall. (Otitidae): M135 Gymnosoma Meig. (Tachinidae): M54 (112). Gynatoma Collin (Empididae): M83 (426). Haematobia St. Farg. & Serv. (Muscidae): M89 (506). Hammatopelma M122 (179) Ender. Haplomyza Hendel (Agromyzidae): M104 (1-2).Hardyia Mall. (Muscidae): M31 (554). mede Haliday (Ephydridae): M24 (86); M71 (245); M111 (11-12); M112 (197).

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Helina R.-D. (Muscidae; M8 (274-275); M9 (187-143); M11 (574); M12 (603-604); M13 (669-672); M17 (142-144); M23 (40-44); M30 (49); M55 (283); M60 (398).
  Heliographa Mall. (Muscidae): M29 (508);
M58 (167); M60 (399).
Helladepichoria Beck. (Mycetophilidae);
 M46 (600).

"Helomyza" (Trypetidae): M124 (464).

Helophilus Leach (Syrphidae): M7 (227).

Helosciomyza Hendel (Sciomyzidae): M7 (228); M24 (81); M44 (324-325); M48 (157-162).
  Hemilea Loew
M124 (447
  Hemilea Loew (Trypetidae): M81 (265);
M124 (447); M126 (269-271).
Hemipyrellia Town. (Calliphoridae): M73
           (237).
  Hesperodes
                             Coq.
                                           (Mycetophilidae):
                                                                                    M 46
           (600).
  Heteria Mall.
                               (Tachinidae): M72 (325-331);
          M119 (205).
  Heterodoxa Mall.
                                          (Ortalidae) (Otitidae):
          M96 (212-215).
 Heteromeringia Czerny (Clusioididae); M30 (48); M69 (435).
  Heteropterna Skuse (Mycetophilidae): M46
           (600).

      Hexacinia
      Hendel
      (Trypetidae):
      M124

      (433);
      M124 (438-439).

      Hexamera
      B. & B. (Tachinidae):
      M119

           (178)
 Hilara Meig. (Empididae): M83 (421
Hilarampis Bez. (Empididae): M83 (4
Hillia Mall. (Tachinidae): M55 (328).
Hippelates Loew (Chloropidae): M24
M38 (437-440).
 Hirtodrosophila Duda (Drosophilidae): M106
           (292 - 294)
  Hobartia Mall. (Tachinidae): M67
 Holocnemia Ender. (Ortalidae) (Otitidae):
M121 (101).
Homalocnemis Philippi (Empididae): M83
Homalocnemis Philippi (Empididae): M83 (428); M97 (458).

Homoneura Wulp (Sapromyzidae): M30 (46-47); M31 (551); M35 (12-15); M38 (419-421); M44 (320); M59 (58-82); M61 (412-413); M65 (322-323); M66 (208-210); M98 (35-36); M112 (189); M132 (21-22); M133 (138-144).

Hopkinsomyia Mall. (Chloropidae): M74 (244).

Hopkinsomyia Mall. (Drosophilidae): M106 (289-291).
          (289 - 291)
 Huttonella Ender. (Stratiomyidae): M45
          (362).
(362).

Huttonina Tonn. & Mall. (Sciomyzidae): M48 (175-178); M72 (343).

Huttonobesseria Curran (Calliphoridae) (Tachinidae): M44 (329); M83 (385-
         386).
Huttonomyia
Huttonomyia Mall. (Helomyzidae): M7 (227); M31 (552); M39 (84).
Huttonophasia Curran (Calliphoridae); M72
          (32\hat{4})
Hyadina Curtis (Ephydridae): M34 (16-17):
Mill (15).

Hyalomyia R.-D. (Tachinidae): M54 (109-

112); M55 (284); M67 (93-98); M72
         112); M55 (308-309).
Hyalomyodes
                               Town.
                                                (Tachinidae):
          (325).
Hydrellia R.-D. (Ephydridae): M25 (327);
M34 (14-15); M111 (14); M112 (197).
Hydrotaea R.-D. (Muscidae): M13 (667-
         668).
Hylemyia R.-D. (Muscidae): M4 (428-429);
M17 (139); M72 (291).
Hyleorus Aldr. (Tachinidae): M55 (334).
Hypaspistomyla Hendel (Agromyzi
(Milichiidae): M18 (336); M111
Hypocera Lioy (Phoridae): M2 (433).
Hystricia Macq. (Tachinidae): M97
                                                             (Agromyzidae)
                                                                                (431-
         432).
Hystricina Mall. (Tachinidae): M97 (433-
         434)
Icasma Collin (Empididae): M83 (428)
Ichneumonosoma
                                     de
                                              Meij. (Trypetidae):
         M124 (441).
Ichthyomyia de Meij. (Sapromyzidae): M109 (89-90); M125 (448-449).
Idiella B. & B. (Calliphoridae): M32 (504).
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Idiohelina Mall. (Muscidae): M5 (238-239); M26 (141-142); M62 (262-264); M72
         (304)
 Ilythea Haliday (Ephydridae): M25 (327-8);
M112 (197).
 Incurviseta Mall. (Sapromyzidae):
(324); M38 (402-408).
Isochusia Mall. (Clusioididae): M66
                                     (Sapromyzidae):
                                                                    M25
        201).
 Kambangania de Meij. (Trypetidae): M124
         (445)
 Lagarosia Wulp (Trypetidae): M124 (442-
        443).
 Laglaisia Big. (Ortalidae) (Otitidae): M121 (112-113).
 Lamprogaster Macq. (Ortalidae): M45 (348-
350); M57 (513-516); M69 (432-434);
M121 (138-145); M129 (76).
 Lamproscatella Hendel (Ephydridae): M111
(7) and (10).
Laphria Meig. (Asilidae): M43 (298); M46
 (609).

Laphystia Loew (Asilidae): M43 (297-298).

Lasiocalypter Mall. (Tachinidae): M67 (119-
        122)
 Lasiocalyptrina Mall. (122).
                                         (Tachinidae): M67
 Lasionemopoda Duda (Sepsidae): M43 (307).
 Lasiopleura Beck. (Chloropidae): M114 (23-25); M128 (268-274).
 Lasioxiria Hendel (Ortalidae)
M121 (101).
                                                        (Otitidae):
 Lauxania Latr. (Sapromyzidae): M34 (26);
        M71 (231).
 Leiomyza Macq. (Asteiidae): M18 (338).
        cocera Olivier (Borboridae) (Sphaero-
ceridae): M44 (326); M106 (324-325);
 Leptocera Olivier
        M111 (23-24).
 M111 (23-24).
Leucophenga Mik. (Drosophilidae):
  (613-615); M19 (349-350); M25
  335); M35 (2); M109 (90).
Leucopsis Meig. (Ochthiphilidae):
                                                                    M12
                                                                  (334-
                                                                    M70
        (490).
 Leucostoma Meig. (Tachinidae): M68 (323-
Limnella Mall. (Muscidae): M44 (328).

Limnella Mall. (Ephydridae): M25 (332).

Limnia Mall. (Muscidae): M44 (327-328).

Limnohelina Mall. (Muscidae): M72 (294-
       303).
Limnophora R.-D. (Muscidae): M17 (144-145); M22 (327-329); M25 (340); M58 (164-169); M65 (330-333); M95 (198-199); M107 (7).

Limnosina Macq. (Borboridae): M1 (236-
       237).
 Linnaemyia R.-D. (Tachinidae): M55 (317).
Liodrosophila Duda (Drosophilidae): M45
Lioscinella Duda (Chloropidae): M134 (41-
       57).
ara Meig. (Chloropidae): M128 (279-
Lipara 280)
                                    M22 (27
Lispa Latr. (Muscidae): M10 (384-389); M12 (606-609); M22 (333-338); M25 (340); M58 (153-155); M60 (391-392).
Lispocephála Pok. (Muscidae): M12
605); M52 (80-81); M60 (392-394)
                                                                  (604-
Lissocephala Mall. (Drosophilidae): M106 (287-289).
Lonchaea Fall. (Lonchaeidae): M43 (306-307); M74 (241-243).
Lonchaeaster White (Stratiomyidae): M45
        (366).
Loriomyia Kert
M121 (113).
                    Kert.
                                 (Ortalidae)
                                                        (Otitidae):
Loxoneuroides Hendel (Ortalidae) (Otitidae):
M121 (101).

Mi21 (101).

Incilia R.-D. (Calliphoridae): M20 (639);

M36 (320-322): M92 (16).

Interval Rond. (Muscidae): M23 (46).
Macquartia R.-D. (Tachinidae): M97 (434-
436); M119 (221-223).
Macrocanace Tonn. & Mall. (Ephydridae):
      rocánace 10....
M34 (5-6).
Mall.
Macropia Mall. (Tachinidae): M55 (326); M114 (20).

Macropia Mall. (Tachinidae): M68 (322-323); M80 (296).

Macrostyla Lioy (Chloropidae): M128 (265-267).
Macrochloria
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Madiza Fall. (Chloropidae): M128 (276).
Maenomenus Bez. (Pyrgotidae): M53 (6 and
      28)
                (Asilidae): M43 (299).
sig. (Syrphidae): M7 (227)
Maira Sch.
Mallota Meig. (Syrphidae): M7 (227).

Maorimyia Tonn. & Mall. (Helcomyzidae):

M48 (155-156); M103 (325-327).
Maorina
              Mall. (Opomyzidae): M71
                                                        (235-
      241).
Maquilingia
                  Mall.
                            (Sapromyzidae):
                                                        M133
       (144).
Marquesia
                   Mall.
                              (Drosophilidae):
                                                         M96
                 M112 (193).
       (223);
Masicera Macq. (Tachinidae): M110 (358).
Meachina
                 Ender.
                             (Phytalmiidae):
                                                        M122
       (179)
Medina
            R.-D. (Tachinidae): M110
                                                        (362-
       364).
Medinella Mall. (Tachinidae): M119
                                                        (235-
      237).
Megaselia Lioy (Phoridae): M110 (333-338):
      M111 (31).
Melanagromyza
                           Hendel
                                         (Agromyzidae):
M111 (19).

Melanina Mall. (Sapromyzidae): M38 (413):
      M109
               (89)
Melanochelia Rond.
                            (Muscidae): M13 (673).

      Melanochelia Rond. (Muscidae): M13 (**15).

      Melanum Beck. (Chloropidae): M83 (**18-*419); M116 (**352-353).

      Melina R.-D. (Sciomyzidae): M44 (**325).

      Melina R.-D. (Calliphoridae): M44 (**328-*323); M114 (**22-32).

      Merodonta Mall. (Chloropidae): M128 (**263-*323)

       264)
Mesembriomintho Town. (Tachinidae): M55
       (315).
Mesoctenia Ender. (Ortalidae) (Otitidae):
      M121 (123).
Metalaphria Ric.
                          (Asilidae): M46
Metallea Wulp (Calliphoridae): M36 (329-331); M55 (283).
Metaphagia Coq. (Tachinidae): M119 (168).
Metopomyia
                   Mall.
                             (Muscidae): M8
       273); M12 (603)
                  Macq.
Metaponia
                              (Stratiomyiidae):
                                                        M 45
       (365).
Metovobranchia
                           Ender.
                                         (Micropezidae):
       M110 (346)
Microcalliphora Town. (Calliphoridae): M36
       (326).
Microdon Meig. (Syrphidae): M1 (233-236).
Microepicausta
                        Hendel
                                     (Ortalidae)
                                                         (Oti-
       tidae): M121 (99).
Microhystricia Mall. (177-178).
                                  (Tachinidae):
                                                         M119
Microneurum
                      Beck.
                                  (Chloropidae):
                                                          M96
       (216).
       rotropeza Macq. (614-615); M55
 Microtropeza
                                   (Tachinidae)
                                                          M46
                                (287-288); M67
                                                         (99-
       101)
Milichia Meig. (Agrom
M31 (546-547).
Milichiella Giglio-Tos
                     (Agromyzidae) (Milichiidae):
                                (Agromyzidae)
chiidae): M18 (336); M78 (76-78);
M106 (326); M111 (3).
Millerina Mall. (Muscidae): M26 (139-141);
       M72 (292-294).
 Miltogramma
                     Meig.
                                (Calliphoridae): M36
(335); M69 (440-443).

Minettia R.-D. (Sapromyzidae): M61 (413);
       M132 (20-21); M133 (144).

cocera Wulp (Sapromyzid

(410); M133 (135).
                              (Sapromyzidae):
 Monocera
                                                          M61
 Morellia R.-D. (Muscidae): M60 (408).
 Mosillus Latr.
                     (Ephydridae): M111 (13-14);
Mostul's Latr. (Ephydridae): M111 (13-14); M12 (197).

Musca Linné (Muscidae): M58 (174); M72 (305); M95 (203).

Muscina R.-D. (Muscidae): M12 (601); M72
       (306).
Mycodrosophila Oldenberg (Drosophilidae):
M35 (1); M76 (331-332); M106 (284-287); M111 (20); M112 (193).

Myiospila Rond. (Muscidae): M5 (237-238);
M22 (330-331).

Myothyria Wulp (Tachinidae): M68 (338-
       340).
 Naupoda O.S.
                O.S. (Ortalidae) (Otitidae):
; M121 (122); M129 (75).
Ender. (Stratiomyiidae):
                                        (Otitidae): M57
       (513);
 Neactina
       (362).
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Nemorea R.-D. (Tachinidae): M55 (339);
M97 (431).
Neoamenia Mall. (Tachinidae): M67 (103).
Neoerythronychia Mall. (Tachinidae): M97
      (450-451)
Neoeuxesta Mall. (Ortalidae): M73 (218);
     M96 (207)
Neoexaireta
                  O.S.
                          (Stratiomyiidae):
                                                   M45
      (361 - 362)
     neuna Mall. (Muscidae): M21
M22 (329-330).
Neohelina Mall.
                                               (415):
Neohemigaster Mall. (Ortalidae) (Otitidae): M121 (127).
Neohydrellia Mall.
                        (Ephydridae): M111 (14-
15); M112 (197).

Neolimnia Tonn. & Mall. (Sciomyzidae):
M48 (163-171).

Neomedina Mall. (Tachinidae): M110 (362-
                       & Mall. (Sciomyzidae):
      364).
Neoplatyura Mall. (Mycetophilidae): M46
      (601).
Neoscatella Mall. (Ephydridae): M43 (300).
Neoscatella Mall. (Er
10); M112 (200).
Neoscotia = Thrycolyga Town. (Tachinidae):
      M55 (332).
Neosophira
                 Hendel
                             (Trypetidae):
      (414).
Neotachina Mall. (Tachinidae): M119 (207);
      M119
             (241-242).
Neothemara Mall. (Trypetidae): M124 (433-434); M126 (253-255).
Neotoxura Mall.
                        (Pyrgotidae): M53 (23-
      24).
Neotryphera Mall. (Tachinidae): M119 (218-219).
Nervijuncta Marshall (Mycetophilidae): M46
      (600).
Nicholsonia Mall. (Pyrgotidae): M53 (31).
Nocticanace Mall. (Ephydridae): M111 (4-
5); M112 (196-197).
Nothoasteia Mall. (Asteildae): M115 (259-
      269).
Notiphila Fall. (Ephydridae): M25 (326-327).
Notonaulax Beck. (Chloropidae): M83 (409).
Notospila O.S. (Ortalidae) (Otitidae): M121
      (145)
Nusa Walk. (Asilidae): M43 (298).
Occisor Hutt. (Tachinidae): M119
 Ochromeigenia Town. (Tachinidae): M37
      (337
 Ochthiphila Fall. (Ochthiphilidae)
ridae): M34 (5-6); M70 (491).
 Ocnerus Costa (Trypetidae): M124 (447).
 Oecothea Hall.
M103 (184
                     (Helomyzidae): M39 (86);
 M103 (184).
Oedaspis Loew (Trypetidae): M124
                                                  (451-
      452).
 Oedaspoides
                 Hendel
                              (Trypetidae):
                                                  M124
      (452).
               Wied. (Asilidae): M56
 Ommatius
                                                   (408 -
      410).
 Onesia R.-D. (Calliphoridae): M84 (68).
 Ophyra R.-D. (Muscidae): M13 (666); M58
      (169-170); M6
M95 (196-197).
                      M60
                             (399);
                                        M65
                                                 (333);
 Opsidiopsis T
                 Town.
                            (Calliphoridae):
                                                    M69
 Orchisia Rond. (Muscidae): M58 (157).
 Ortaloptera Edwards (Trypetidae): M124
       (454)
 Orthellia R.-D. (Muscidae): M15 (513-514);
M23 (45-46); M60 (408); M62 (264);
M107 (8-9).
Oscinella Beck. (Chloropidae): M128 (287-
      288)
 Oscinelloides
                  Mall. (Chloropidae):
                                                  M128
      (267-268).
 Oscinis
           Latr.
                    (Chloropidae): M116
      351).
 Oscinosoma Lioy (Chloropidae): M74 (247-
248); M78 (30-66); M83 (407 and 411-
414); M96 (217); M111 (30).
Oxysarcodexia Town. (Calliphoridae): M92
      (14).
 Pachygaster Meig. (Stratiomyiidae): M45 (366).
 Pachylophus Loew (Chloropidae): M24 (95);
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M38 (429).

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Pachyneres Greene (Bombyliidae): M16 (205); M46 (606); M51 (138-140). Pachyophthalmus B. & B. (Calliphoridae):
         M69 (439).
  Palia Curran (Tachinidae): M55 (335).
  Paliana Curran (Tachinidae): M55 (335); M68 (344).
 Palpostoma R.-D. (Tachinidae): M37 (339);
M67 (135); M80 (296-297).
Panurgopsis Kert. (Sapromyzidae): M66
         (211-212)
  Paracoenosia Mall. (Muscidae): M119 (254-
         256).
  Paraeuxesta Coq. (Ortalidae): M96 (207).
 Parahippelates Beck. (Chloropidae): M12 (620-621); M18 (329-331); M24 (96); M38 (437); M48 (302-303).

Parahyadine Tonn. & Mall. (Ephydridae): M34 (17).

Paralimanta II.
 M34 (17).

Paralauxania Hendel (Sapromyzidae): M30 (32-33); M38 (410-412); M42 (163).

Paralimna Loew (Ephydridae): M25 (325-326); M31 (545-546); M106 (313); M111 (11); M112 (197).

Paramenia B. & B. (Tachinidae): M44 (330); M46 (614).
 Paramphibolia B. & B. (Tachinidae): M55
         (312 - 313)
 Paranomina Hendel (Sapromyzidae): M38
         (402)
 Paratricyclea Ville
                                       (Calliphoridae): M36
         (523)
 Paratrirhithrum Shiraki (Trypetidae): M124
         (465).
 Paropsivora Mall. (Tachinidae): M104 (7-8).
 Paroxyna Hendel (Trypetidae): M112 (200)
        M118
                   (115-116); M124
                                                    (463):
         (228)
 Paurothrix Bez. (Calliphoridae): M44 (329); M73 (235-236).
 Parydra Stenhammar (Ephydridae); M34
        (9).
 Passeromyia Ville (Muscidae): M23 (46).
 Pectiniseta Stein (Muscidae): M58 (163); M65 (326-328).
 Pemphigonotus Lamb (Chloropidae): M116
        (354).
 Peremptor Hutt. (Tachinidae): M55
M97 (436) (452-454); M119 (20
                                                                 (343):
                                                          (205)
 Pericoma Walk. (Psychodidae): M3 (265).
 Perissoneura Mall. (Ortalidae): M96 (207-
        208)
 Peronia R.-D. (Muscidae): M31
                                                         (554)
 Perrissina Mall. (Tachinidae): M119
                                                                   (184-
        187)
 Petenia B. & B. (Tachinidae): M119 (205)
Phagocarpus Rond. (Trypetidae): M119 (205).
(448); M127 (241).
Phania Meig. (Tachinidae): M83 (385-386).
Phaonia R.-D. (Muscidae): M6 (414-415);
M17 (141-142).
Phagodally M01 (Phagolipidae): M14 (415)
Phaoniella Mall. (Tachinidae): M119 (217). Philygriola Hendel (Ephydridae): M111 (15-
        16); M112 (197).
 Phlebotomus Agassiz
                                         (Psychodidae):
        (265)
Phora Latr. (Phoridae): M110 (334).
Phorocera R.-D. (Tachinidae): M55 (329-330); M119 (196).
Phora Latr.
 Phorocerosoma
                            Mall.
                                         (Tachinidae):
                                                                    M55
        (327); M68 (326).
 Phorocerostoma
                             Mall.
                                         (Tachinidae):
                                                                    M68
        (326).
(326).

Phumosia R.-D. (Calliphoridae): M107 (18).

Phytalmia Gerst. (Phytalmidae): M122 (170-174); M129 (90).

Phytomyza Fall. (Agromyzidae): M12 (622); M110 (341-312).

Pilimyia Mall. (Tachinidae): M68 (329-330).

Pilimsica Mall. (Syrphidae): M7 (227).

Piophila Fall. (Piophilidae): M25 (316); M35 (8); M74 (251); M80 (292); M96 (215); M103 (246).

Plagiomyia Curran (Tachinidae): M119 (169-171).

Plagiostenopterina Hendel (Ortalidae): M45
Plagiostenopterina Hendel (Ortalidae): M45 (353); M73 (229-330); M82 (15); M131 (114-115); M129 (68).
Plagiprospherysa Town. (Tachinidae): M68
        (320).
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Plastophora Brues (Phoridae): M2 (501).

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Platensina Ender. (Trypetidae): M124 (458-459); M126 (277).
Platyina Mall. (Chloropidae): M38 (436); M128 (267).
Platyroptilon Westwood (Mycetophilidae): M46 6600.
          M46 (600).
  M46 (500).
Platytachina Mall. (Tachinidae): M119 (211-216).
Platyura Meig. (Mycetophilidae): M46 (600).
Plecia Weid. (Bibionidae): M46 (602-606).
Plethochaetigera Mall. (Tachinidae): M119
          (192-196)
  Podanema Mall. (Sepsidae): M43 (308).
Podotachina = Thrycolyga (Tachinida
                                                           (Tachinidae):
          M55 (332)
  Poecilohetaerella
                                    Tonn.
                                                         Mall.
         myzidae): M34 (25-26); M38 M42 (162).
                                                                        (408);
 M36 (318-319); M72 (318-323); M114 (21-22).
 Polyara Walk. (Trypetidae): M124 (418).
Polytocus Lamb (Sciomyzidae): M48 (156-
 Polyara Walk.
         157)
 Prionoscelus Beck. (Chloropidae): M114 (25-
         26).
 Prochaetops Bez. (Sapromyzidae): M91 (3-12); M112 (182-187).

Procissio Hutt. (Tachinidae): M97 (451-452); M119 (201-205).

Prodalmannia Bez. (Pyrgotidae): M53 (18-201-201).
Prodalmannia Bez. (Pyrgotiaae): MDD (20 and 30).
Prodiaphania Town. (Tachinidae): M (351-352); MDD (291-292).
Prohippelates Mall. (Chloropidae): M (245); M96 (216); M134 (64).
Promachus Loew (Aslildae): M46 (610).

        Prosena
        St. Farg.
        & Serv.
        (Tachinidae)

        M55
        (315); M67 (111-116); M80 (298)

        M85
        (127-132); M107 (24); M11

        (365); M119 (190).

        Prosenina
        Mall. (Tachinidae): M67 (116

                                                          (Tachinidae):
                                                                           M110
         117).
 Prosenosoma
                             Mall.
                                            (Tachinidae):
         (189-190)
 Prosochaeta Mall. (Sciomyzidae): M113 (95-
         96).
 Prosopantrum Ender. (Helomyzidae): M103
         (200-202)
 Protephritis (459).
                           Shiraki
                                             (Trypetidae):
                                                                           M124
 Protoborborus
                              Mall.
                                             (Borboridae):
         (261 - 262)
 Protocoelopa Mall. (Coelopidae): M101 (346-
         347).
 Protohystricia
                              Mall. (Tachinidae): M68 (352-353); M97
         (341-342); M68 (3433); M119 (178). omeigenia Town.
Protomeigenia
                                               (Tachinidae): M55
(323).
Protomiltogramma Town. (Calliphoridae):
M36 (335); M69 (444-447).

M36 (345); M69 (444-447).

M31. (Trypetidae):
        M124 (434-435).
idepicausta Hendel
M124 (454-100)

Pseudepicausta Hendel (Ortanuae, (27-28); M121 (118-119); M129

Pseudeuxesta Hendel (Ortalidae); (209); M121 (98); M129 (67).

Pseudina Mall. (Trypetidae): M124
                                                                             M96
                                                                           (446-
Pseudocleitamia Mall.
                                                (Ortalidae):
                                                                           M121
         (1.05).
Pseudodiopsis
                             Hendel
                                               (Diopsidae):
                                                                           M117
         (437 - 438)
Pseudoformosina Mall. (Chloropidae): M
(355-356); M134 (64).
Pseudoleria Garrett (Helomyzidae): (551-552); M39 (86); M103 (183).
Pseudoleucopis Mall. (Agromyzidae) (
thiphilidae) (Sciomyzidae): M24 (5
                                            (Chloropidae): M116
                                                                             M31
                                                                          (Och-
                                (Sciomyzidae): M24
; M70 (489-490);
                                                                          (93);
M130
        M25
                     (335);
         (266).
Pseudonapomyza
                                    Hendel
                                                      (Agromyzidae):
        M110 (341).
Pseudoplatyura
                                  Skuse
                                                   (Mycetophilidae):
        M46 (600).
Pseudorichardía
                                Hendel (Ortalidae (222); M96 (206).
                                                  (Ortalidae): M63
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(100); M73

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Pseudosophira Mall. (Trypetidae): M124
        (415)
        M124 (450-451); M126 (267-269); M127 (241-242).
Pseudospheniscus
Pseudotrichopoda Mall. (Tachinidae): M99
         (77-79).
Psilopa Fail. (Ephydridae): M34 (12); M106
         (314-315).
  Psychoda Latr. (Psychodidae): M3 (265)
Pterogenia Big. (Ortalidae): M57 (513)
Psychoda Latt. (1 sychodiae); M57 (513); M121 (126). Ptilona Wulp (Trypetidae): M124 (464). Ptilonesia Bez. (Calliphoridae): M36 (303);
Ptilophyllodromia
                                    Bez. (Empididae): M69
Philiphylloaroma Bez. (Emplanae). Mos (450); M83 (428).
Ptiolina Wulp (Trypetidae): M124 (419) (131) (441).
Pullciphora Dahl. (Phoridae): M110 (339).
Puticiphora Dahl. (Phoridae): M110 (339).
Pygidia Mall. (Tachinidae): M68 (330-332).
Pygophora Sch. (Muscidae): M5 (239); M10
(381-383); M58 (160-162); M60 (394-
396); M108 (77).
Pyrellia R.-D. (Muscidae): M23 (46).
 Quadra
        dra Mall. (Ta
M68 (342-343).
                               (Tachinidae): M55 (320);
Rabaulia Mall. (Trypetidae): M126
_ 258); M124 (422).
Rainieria
                       Rond.
                                       (Micropezidae);
                                                                           M110
         (345).
Rhabdochaeta de Meij. (Trypetidae): M124 (463); M126 (228).
Rhagadolyra Hendel (Sapromyzidae): M38
         (413).
Rhagoletis Loew (Trypetidae): M124 (452).
Rhamphella Mall. (Empididae): M69 (449).
Rhamphomyia Meig. (En
(450); M83 (425-426).
                                              (Empididae):
        cnoessa Loew (Tethinidae) (Agro-
myzidae): M111 (18).
nia R.-D. (Calliphoridae): M32 (504);
Rhicnoessa
Rhinia R.-D.
Rhinia R.-D. (Calliphoridae): M32 (504);
M36 (332); M46 (612).
Rhinomyiobia B. & B. (Tachinidae): M55 (316); M67 (129-130); M110 (365).
Rhyncodexia Big. (Tachinidae): M67 (119).
Rhyncomyidaea Mall. (Muscidae): M9 (135);
M12 (604); M23 (40); M30 (48-49);
M31 (554).
Rhytidartalis Hendel (Cutchidae) (Otitidae):
Rhytidortalis Hendel (Ortalidae) (Otitidae): M121 (106).
Richardia R.-D. (Ortalidae): M96 (206).
 Rioxa Walk.
                         (Trypetidae): M124 (435-436);
        M124 (464)
 Rioxoptilona Hendel (Trypetidae): M124
         (436-437).
 Rivellia R.-D. (Ortalidae): M45 (351); M6((100); M70 (491-492); M73 (219-221)
M121 (120-121); M129 (71-72); M13
                                                        (71-72); M131
         (19)
 Rosenwaldia
                          Mall. (Drosophilidae): M112
         (195-196).
         lia R.-D. (Tachinidae); M37 (346-349);
M44 (331-355); M55 (293-307); M67
(107-109); M78 (78); M110 (349-351);
M114 (15-18).
 Rutilia R.-D.
 Rutilodexia
                           Towns.
                                              (Tachinidae):
                                                                             M37
         (352)
 Samoaia Mall. (Drosophilidae): M106 (271-
         Tall. (Sapromyzidae): M24 (83-84); M25 (316-819); M30 (33-46); M34 (21-23); M35 (8-12); M38 (414-418); M45 (355-360); M61 (413-414); M69
 Sapromyza Fall.
 (434); M109 (87-89).
Sapromyzosoma Mall. (Sapromyzidae): M24
(83); M25 (320-322).
 (83); M25 (320-322);
Sarcophaya Meig. (Calliphoridae): M62 (269-272); M64 (256-257); M75 (481-483); M92 (13-14); M107 (21-22); M110 (365); M119 (190).
Saropogon Loew (Asilidae): M43 (300).
 Scaptomyza Hardy (Drosophilidae): M12 (618-619); M96 (219-222); M106 (295-298); M111 (22-23): M112 (194-195). Scaptomyzella Hendel (Drosophilidae): M96
          (220-221).
 Scaptomyzetta Hendel (Drosophilidae): M96
          (220-221).
 Scatella R.-D. (Ephydridae): M25 (329-331);
M34 (10-12); M111 (7-9); M112 (200).
Scatophila Beck. (Ephydridae): M111 (10).
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Scholastes Loew (Ortalidae): M63 (99);
M73 (222-223); M96 (205-206); M98
(36); M121 (128-130); M129 (72-75);
M131 (20); M135 (207-208).
Scoliophthalmus Beck. (Chloropidae): M78
Scotinosoma Loew (Ortalidae): M121 (117-
         118).
Semisuturia Mall.
        isuturia Mall. (Tachinidae): M37 (339-342); M55 (332).
Senostoma Macq. (Tachinidae): M46 (616-617); M114 (10-15).
Sepedon Latr. (Sciomyzidae): M44 (322-
         323)
Sepsis Fall. (Sepsidae): M25 (312-314).
Sepsis Fall. (Sepsidae): M.20 (612-611).

Sigaloessa Loew (Asteiidae): M38 (445-446); M76 (321-322).

Siphunculina Rond. (Chloropidae): M19 (358-359); M38 (436); M128 (267).

Sophira Walk. (Trypetidae): M124 (430-431 and 464); M126 (255-257).

Spaniopsis White (Rhagionidae): M79 (274-275)
         275).
Spathulina Rond. (Trypetidae): M81 (266);
M124 (456-457); M135 (202).
Sphaericocephala Czerny (Micropezidae):
         M110 (343).
Sphaerocera Latr. (Borboridae): M24 (85).
Sphenella R.-D. (Trypetidae): M124
                                                                                 (459-
         460).
Spheniscomyja Bez. (Trypetidae): M124 (450); M126 (273).
Spilogona Schnabl & Dziedzicki (Muscidae): M83 (379-383).
Spinulophila Duda
                                          (Drosophilidae): M106
         (311).
Staurella Bez. (Trypetidae): M124 (443).
Steganopsis de Meij. (Sapromyzidae): M24
(81-82); M31 (548-549); M61 (409-
410); M133 (132-133).
Stenomicra Coq. (Asteiidae): M40 (25).
Stenopogon Loew (Asilidae): M46 (607).
Stilbomyella Mall. (Tachinidae): M108 (74-
         76).
Stilbomyia Macq. (Tachinidae): M37 (344-345); M67 (102-103).

Stomatomyia B. & B. (Tachinidae): M68 (320-321).
 Stomatorhinia Rond. (Calliphoridae): M36
         (333-334)
Stomosis Melander (Agromyzidae) (Milichidae): M24 (88-89).
Stomoxys Geoff. (Muscidae): M58 (175);
M89 (402-403).
 Strongygaster Macq. (Tachinidae): M67 (92-
         93).
Sturmia R.-D. (Tachinidae): M55 (330-331);
M68 (351-352): M110 (353-358).
Sumpigaster Macq. (Tachinidae): M67 (110).
Synthesiomyia B. & B. (Muscidae):
(46); M58 (174).
Syrphus Fabr. (Syrphidae): M7 (227).
                                       & B. (Muscidae): M23
 Tachina Meig. (Tachinidae): M97
434); M119 (243-244).
 Taeniomyia Stein (Muscidae): M60 (390)
 Tanypoda
                         Rond.
                                           (Micropezidae):
                                                                                  M110
          (345).
Tapeigaster Maca. (Neottiophilidae): M31 (553); M35 (16); M69 (425-436); M86 (217); M109 (94-95).

Tasmania = Lauxania (Sapromyzidae): M34
Tasmania = Lausania (Sapromyzidae): M34 (26); M71 (231).

Tayloria Mall. (Tachinidae): M67 (98-99).

Telostylinus Ender. (Neriidae): M110 (343).

Tephrella Bez. (Trypetidae): M124 (450) (456); M126 (272).

Tephritis Latr. (Trypetidae): M83 (391-396); M124 (456-457) (459) (460-462).

Teratomyza Mall. (Anthomyzidae): M102 (113-114)
          (113-114).

**itorioxa Hendel (Trypetidae): M124
 Termitorioxa
 Tetanocera Latr. (Sciomyzidae): M7 (228).
 Tethina Hal. (Agromyzidae) (Tethinidae): M18 (337); M109 (91-93)); M111 (17).
                                             (Helomyzidae):
 Tethinosoma
                             Mall.
          (335 - 336)
 Thelairia R.-D. (Tachinidae): M67 (110).
Themara Walk. (Trypetidae): M124 (419).
Themarohystrix Hendel (Trypetidae): M124
          (422 - 423).
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Themaroides Hendel (Trypetidae): M124 (419) (464).
Therautria Loew (Asilidae): M46 (608).
Thrycolyga Rond. (Tachinidae): M55 (331-Hendel (Trypetidae): M124 Thyridula Beck. (Chloropidae): M19 Thyridula Beck. (Chloropidae): M19 (388); M24 (96); M31 (546); M38 (411-442); M128 (274-275).

Tonnoiria Mall. (Clusioididae): M63 (99); M96 (215); M135 (209).

Toxopoda Macj. (Səpsidae): M46 (611).

Toxura Macq. (Pyrgotidae): M53 (6-9 and Tricimba Lioy (Chloropidae): M19 (356 357); M25 (337-338); M38 (442-444) M83 (409-410); M111 (29-30); M12 (29-30); M128 (277). Trigonometopsis Mall. (Sapromyzidae): M24 (82-83); M38 (412); M59 (35 and 37). Trigonometopus Macq. (Sapromyzidae): M31 (550-551); M44 (319-320); M59 (34); M66 (212-213); M112 (188). Tritaxys Macq. (Tachinidae): M54 (113-114). ruphia Mall. (Tachinidae): M72 (310-311), Trupnic Mall. (Tachinidae): M72 (310-311).

Trypanea Schrank (Trypetidae): M83 (398-404); M94 (146-147); M124 (462-463).

Trypaneoides Tonn. & Mall. (Sapromyzidae): M34 (20); M38 (418-419); M44 (321-322); M61 (411); M66 (203-206); M71 (244); M133 (145).

Trypanocentra Hendel (Trypetidae): M124 (428-430) (428-430).Trypeta Meig. (Trypetidae): M124 (451) (459-460) (462-464).
Tryphera Meig. (Tachinidae): M119 (219).
Trypherina Mall. (Tachinidae): M119 (219-Uclesiella Mall. (Tachinidae): M119 (167-168). Upolumuja Mall. (Drosophilidae): M106 (280-283).

Urcllia R.-D. (Trypetidae): M124 (462).

Urophora R.-D. (Trypetidae): M124 (450) (460).Velula Mall. (Tachinidae): M119 (207-208). Vespivora Mall. (Tachinidae): M68 (347).

Viviparomusca Town. (Muscidae): M23 (45-46). Voria R.-D. (Tachinidae): M68 (318-319).
Voriella Mall. (Tachinidae): M68 (335-337);
M80 (298); M110 (361-362).
Vorina Mall. (Tachinidae): M68 (321-322).
Waterhouseia Mall. (Anthomyzidae): M115 (260-261) (200-201).
Wattia Mall. (Tachinidae): M119 (162-164).
Winthemia R.-D. (Tachinidae): M55 (332);
M68 (348-349); M110 (358-359). Xanthocanace Hendel (Ephydridae): (334). Xeneuva Mall. (Helomyzidae): M72 (339). Xenocalliphora Mall. (Calliphoridae): M20 (639); M72 (317-318). Xenognathus Mall. (Ortalidae): M73 (226-228). Xenolispa Mall. (Muscidae): M8 (280); M10 (384); M12 (609-611).
Xenoplatiura Mall. (Mycetophilidae): M46 (601-602). Xenorhynchia Mall. (Tachinidae): M119 (190-191).Xenosciomyza Tonn. & Mall. (Sciomyzidae): M48 (162-163).
Xenosepsis Mall. (Sepsidae): M25 (315).
Xenosina Mall. (Muscidae): M60 (399).
Zealandortalis Mall. (Ortalidae): M71 (243-244) Zealandotachina Mall. (Tachinidae): M119 (226-234)Zebronnjia Mall. (Tachinidae): M55 (321). Zenillia R.-D. (Tachinidae): M55 (331). Zita Curran (Tachinidae): M55 (335); M68 (330).Zosteromeigenia Town. (Tachinidae): M55 (315).Zosteromyia B. & B. (Tachinidae): M67 (110-111).Zygaenula Dol. (Ortalidae): M121 (123). Zygothrica Wied. (Drosophilidae): M106

# 7. LIST OF SUBGENERA AND SUBGENERIC GROUPS WITH CROSS REFERENCES TO THE BIBLIOGRAPHY.

(278-279).

Acanthophila (Drosophila): M106 (311).
Actia (Actia): M68 (306-310).
Adantineura (Antineura): M121 (104).
Allophylella (Allophylopsis): M39 (90-91).
Allophylopsis (Allophylopsis): M39 (94-99).
Aprochaetops (Prochaetops): M112 (181-183). Bactrocera(Dacus): M81 (259); M124 (412).
(412).
(\*\*Callantra\*\* (Dacus): M124 (411-412).
(\*\*Callosia\*\* (Zealandotachina): M119 (233-234).
(\*\*Carpolonchaea\*\* (Lonchaea): M74 (241-248).
(\*\*This contacts of the contact of th Ceratopelta (Lamprogaster): M121(140 -141). Chaetcdacus (Dacus): M124 (413); M118 (111-113).Chaetopletha (Plethochaetigera): M119(195-196).Clusiosomina (Clusiosoma): M124 (426-427). Collinella (Leptocera): M44 (326). Coprophila (Leptocera): M111 (23-Crapitala (Plecia): M46 (602-603). Dirioxa (Rioxa): M124 (435-436). Develophila (December). (23-24).Drioxa (Rioxa): M124 (485-436).

Drosophila (Drosophila): M111 (21
M112 (193).

Duomyia (Duomyia): M57 (507-511).

Ephydrella (Ephydra): M34 (7-9).

Euhomoneura (Homoneura): M38 ( (419); M59 (65). Euthyridula (Thyridula): M38 (441); M128 (274). Fucomyia (Coelopa): M101 (345) Fuconya (Coelopa): M101 (545). Griphoneuroides (Homoneura): M59 (58). Haenatobia (Haematobia): M89 (506). Helicobia (Sarcophaga): M110 (365). Hemipwellia (Lucila): M36 (320-321). Hendelomyza (Sapromyza): M35 (8-9).

Homoneura (Homoneura): M38 (420-421); M44 (320); M59 (68-80); M65 (322-323); M66 (208-209); M132 (22); M133 (139-144). Huttonella (Huttonina): M48 (178). Huttonina (Huttonina): M48 M72 (343). (174-178); Lamprogaster (Lamprogaster): M121 (141-145). Lamprolonchaea (Lonchaea): M74 (241). Lasiopleura (Lasiopleura): M128 (270-274) Liolamprogaster (Lamprogaster): M121 (141).Livionyza (Agromyza): M38 (426-428).
Lucilia (Lucilia): M36 (321-322).
Macrotethina (Tethina): M109 (91-92).
Marquesodacus (Dacus): M94 (145-146)
Melanagromyza (Agromyza): M38 (4
426); M110 (340). 426); M110 (340).

Microrutilia (Rutilia): M114 (18).

Minettioides (Homoneura): M66 (209-210).

Neocalobata (Calobata): M110 (346-348).

Neolinnia (Neolimnia): M48 (165-170).

Neorutilia (Rutilia): M114 (17).

Neoscleropogon (Stenopogon): M46 (607).

Neosepedon (Dichaetophora): M44 (323-264). 324). Neotachina (Neotachina): M119 (241-243) Neotrigonometopus (Trigonometopus): M44 (319-320); M59 (34).
Ophiomyia (Agromyza): M38 (426). Paradrosophila (Drosophila): M106 (277-

(424-

(323-

278). Paraphylopsis (Allophylopsis): M39 (93-94). Phenicia (Lucilia): M36 (321). Philpottomyia (Allophylopsis): M39 (92) Plagiostenopterina (Plagiostenopterina): M82 (15); M121 (114).

Plecia (Plecia): M46 (603-606).
Poccilosomella (Leptocera): M111 (23).
Prochaetops (Prochaetops): M91 (3-11);
M112 (183-187).
Prochaetopsis (Prochaetops): M91 (11-12);
M112 (187).
Pseudolimnia (Neolimnia): M48 (171).
Retilia (Rutilia): M110 (349-351).
Schizoceromyia (Actia): M68 (304-305).
Scotophilella (Leptocera): M111 (23-24).
Scnostoma (Rutilia): M46 (616); M55 (305-207); M67 (109).
Separata (Euprosopia): M82 (8).
Sepimentum (Pollenia): M36 (318-319).
Solomonia (Homoneura): M133 (138-139).

Spinulophila (Drosophila): M106 (311);
M111 (20-21); M112 (193).
Stenopterosoma (Plagiostenopterina): M121 (114-115).
Tachineo (Neotachina): M119 (243-244).
Talaractia (Actia): M68 (306).
Tenuicornis (Euprosopia): M82 (7).
Terraeregina (Parahippelates): M43 (303);
M128 (270).
Tethina (Tethina): M109 (92-93).
Thyridula (Thyridula): M128 (274-275).
Xenocalliphora (Calliphora): M46 (613).
Xenohomoncura (Homoneura): M38 (419-420).
Zeugodacus (Dacus): M124 (412).

# 8. List of Species with Cross References to the Bibliography and Details of Present Location of Types and Known Identified Material.

Species and References.	Holotype.	Allotype.	Paratypes.	Determined Specimens. Number of Specimens, by whom determined, and location.
abbreviata (Mall.) (Cadrema): M128(278) abbreviata Mall. (Hippelates): M38(440) abdominalis RD. (Phumosia): M107(18)	CSIRO			
aberrans Mall. (Sapromyza): M25(317) *abrupta Tonn. & Mall. (Huttonina): M48(175); M72(343)	SPHTM		1 USNM	1 Malloch USNM
†accepta Mall. (Calliphora): M36(316-317)	USNM	SPHTM	1 SPHTM; 3 USNM	1 Mailoch SPHTM
achaeta Mall. (Helina): M9(143); M23(43) achaeta Mall. (Plagiomyia): M119(170)	BM (NH) Cawthron		5 CSMM	2 Malloch USNM
acidiomorpha Hendel (Acanthoneura): M124(432)	Carron			2 Malloch, 1 Taylor SPHTM
acroleuca (Sch.) (Spathulina): M81(266); M124(456-457); M135(202) acroleuca Sch. (Tephritis): M124(456-457)				3 Malloch Bishop M; 14 Malloch USNM
acrostichalis Mall. (Ephydra): M25(329) acrostichalis (de Meij.) (Homoneura): M66(207); M133(143)	SPHTM	SPHTM		3 Wirth USNM 2 Malloch SPHTM
acuminata Rond. (Plagiprospherysa): M68(320) acuticornis Stein (Coenosia): M22(332) acuticornis Hendel (Oedaspoides): M124(452)				2 Malloch SPHTM 2 Malloch USNM
acuticornis Hendel (Oedaspoides): M124(452) acuticornis Loew (Phytomyza): M110(341-342) adamsoni Mall. (Prochaetops): M91(7); M112(181) adamsoni Mall. (Tricinha): M111(29-30) addens (Walk.) (Conicipethea): M121(103) addita Walk. (Helina): M9(141); M23(42)	Bishop M Bishop M		1 USNM	1 Mallach Chylman
adelensis (Miller) (Homalocnemis): M97(458)				1 Malloch SPHTM; 19 Malloch USNM 2 Malloch USNM
adspersa Coq. (Tephritis): M124(460) advena Mall. (Chloromerus): M116(336-337) adversa Mall. (Helina): M23(42): M23(44)	SPHTM SPHTM		1 SPHTM	
aenea (Fabr.) (Chrysomyza): M24(85); M73(215); M129(67); M135(205)  aenea (Fabr.) (Maira): M43(299)				2 Aldrich, 1 Hardy SPHTM; 2 Malloch Bishop M
aenea (Wied.) (Plagiostenopterina): M45(353); M73(229); M121(114)				2 Malloch, 1 Hill SPHTM; 1 Malloch USNM
aeneiventris Mall. (Helina): M9(143); M23(43) aenescens Mill. (Melanina): M38(413) aenescens Wied. (Onburg): M58(170)	BM (NH)	BM (NH)	2 BM (NH)	OSMIK
aenescens Wied. (Ophyra): M58(170) aenignaticus Mall. (Dacus): M81(261) aequalis Mall. (Adapsila): M120(51-52) aequalis Walk. (Chrysopilus): M79(276)	BM (NH) BM (NH)			
aequalis Coq. (Dacus): M124(411); M126(230) aequalis (Beck.) (Lasiopleura): M18(331); M128(272)				1 Malloch SPHTM; 3 Malloch Sabrosky
aequalis Beck. (Parahippelates): M18(331)				Coll.
aequalis Mall. (Sturmia): M110(355-356) affinis Toun. & Mall. (Clasiopa): M34(13) taffinis Mall. (Incurviseta): M38(404) affinis Handal (Finelia): M191(131)	Bishop M C'bury M SPHTM		2 USNM	
†affinis Mall. (Incurviseta): M38(404)	Bishop M SPHTM	BM (NH)	1 BM (NH) 3 USNM; 1 BM (NH)	
	1	Ι	Ι.,	1

<sup>\*</sup> The identified specimen in USNM is from Nelson, Feb. 1928. It has also a blue paratype label but is not cited in the original description.

 $<sup>\</sup>dagger$  Locality of allotype is Sydney, and of paratype is Collaroy, which is not in agreement with the types mentioned in the original description.

<sup>‡</sup> A paratype in USNM from Victoria says W. F. Hill on label, not G. F. Hill.

albibasis Mall. (Trigonometopus): M44(319-320) albicans Meig. (Hecanede): M24(86)	DEI SPHTM			1 Malloch SPHTM
albicans Mall. (Trigonometopus): M44(319-320) albicans Meig, (Hecamede): M24(86) albicens Mall. (Winthemia): M68(349) albicens Mall. (Canace): M24(87) albicens Mall. (Canace): M24(87) albicens (Wied.) (Chrysomyia): M33(205); M36(327-328); M72(315) albicens Mall. (Lioscinella): M134(46) albicens Mall. (Pervissina): M119(185-186) albicens Mall. (Procissio): M119(20-203) albicens Meig (Suxombaaa): M107(21-22)	SPHTM			
M30(321-328), M12(313) alhiceps Mall. (Lioscinella): M134(46) albiceps Mall. (Perrissina): M119(185-186)	SPHTM USNM	USNM	e TIONN	
albiceps Mall. (Processo): M119(202-203). albiceps var. varians Mall. (Processo): M119(203) albiceps Meig. (Sarcophaga): M107(21-22) *albiceps Mall. (Winthemia): M68(348); M110(358)	C'bury M		6 USNM 3 USNM	d M. H. D. CDYLEW
**atorceps Mail. (Winnemia): M08(348); M110(558)	SPHTM			1 Malloch SPHTM; 2 (W. dispar Macq.) Malloch BM (NH)
albicincta Mall. (Veluta): M119(207-208)albicosta Mall. (Depressa): M35(401)albidipennis Mall. (Rhamphomyia): M69(450); M55(425)	CSIRO USNM		3 USNM	Manoch Dit (NII)
albifacies Mall. (Benjaminella): M25(337) albifacies Mall. (Lioscinella): M134(47) albifacies Mall. (Lispa): M58(154) albifrons Walk. (Chlorops): M78(73) †albifrons Mall. (Medinella): M119(236–237)	SPHTM CSIRO BM (NB)	USNM	1 CSIRO 1 CSIRO	
atorrons Man. (Prosena): M85(152)	C'bury M Probable SPHTM		?1 USNM 2 probable SPHTM	
albifrons Mall. (Spilogona): M83(382) albifrontalis Mall. (Calliphora): M84(67) albifrontata Mall. (Drosophila): M106(301)	C'bury M SPHTM BM (NH)		1 USNM	1 Malloch SPHTM
‡athimacuta Mall. (Xenolispa):   M12(610-611)	USNM	? USNM	1 lost SPHTM; 1?USNM	1 Malloch SPHTM;
albimaculata (Stein) (Xenolispa): M12(610)				1 Malloch USNM
albinervis Duda (Leptocera): M111(24) albinervis Mall. (Hypaspistomyia): M18(336); M111(3) albinilus Beck. (Scoliophthalmus): M78(67)	Aust. M (damaged)		1 SPHTM	
albipitus Beck. (Scottophinalmus): M18(6); albiseta (Mall.) (Lasiopleura): M182(272) §albiseta Mall. (Parahippelates): M18(330); albisquama Mall. (Agromyza): M38(425-426); albistrigatus de Meij. (Dacus): M81(259); albitarsis Tonn. & Mall. (Allophylina): M39(88).	Aust. M SPHTM			
albitarsis Tonn. & Mall. (Allophylina): M39(88) alboupicata Mall. (Trypanea): M33(40) alboutra Mall. (Sapromyza): M30(41) albocincta Mall. (Rutilia): M67(108)	Cawthron C'bury M SPHTM	USNM		
	CSIRO	CSIRO	1 USNM; 1 CSTRO	
albofasciata (Macq.) (Leucophenga): M19(349) albohalterata Mall. (Oscinis): M116(351)	SPHTM	SPHTM	6 SPHTM; 4 USNM	1 Sabrosky USNM (as Chlorops)
albohirta Mall. (Botanobia): M134(61-62) albolateralis Mall. (Dacus): M124(413) albolineata de Meij. (Euprosopia): M121(147)	SPHTM	BM (NH)		
albolineata de Meij. (Euprosopia): M121(147) albopunetatus Macq. (Chrysopogon): M43(300) albostriata Mall. (Drosophila): M19(352-353) alboririda Mall. (Rutilia): M55(307) alboritata Duda (Drosophila): M106(311);	Aust. M Aust. M		1 USNM 1 Aust. M	
M111(20-21) albovittata Rond. (Neohemigaster): M121(127) alciocoxic Samders (Elaphomaia): M122(180)				
alcicornis (Saunders) (Phytalmia): M122(172–174) aliena Mall. (Erythronychia): M97(442–443)	C'bury M SPHTM	USNM		
aliena Mall. (Helosciomyza): M44(324-325) (Aliena Mall. (Pygophora): M10(381-382) alienata Walk. (Apyrgota): M53(3) alienus Mall. (Pachylophus): M38(429) Alienus (Math. (Huttowalla): M45(269)	BM (NH)	BM (NH)	5 USNM	1 Malloch USNM
alienus Mall. (Pachylophus): M38(429) alpina (Hutt.) (Huttonella): M45(362)	CSIRO	D35 (3711)	0 DM (MIX)	
alpina (Hutt.) (Huttonetia): M129(81-82) alticeps Mall. (Euprosopia): M129(81-82) alticeps Mall. (Plagiomyia): M119(171) alticeps Mall. (Scatella): M25(330) alysicarpi Bez. (Melanagromyza): M111(19) amablis OstSack. (Cleitamia): M121(109) ambusta Mall. (Homoneura): M98(34)	BM (NH) Cawthron SPHTM	BM (NH)	2 BM (NH)	1 Malloch USNM 1 Ferguson SPHTM
amabilis Ost. Sack. (Cleitamia): M121(109) ambusta Mall. (Homoneura): M98(34) ampelophila Loew (Drosophila): M106(300-301); M111(21): M112(193)	? Bruxelles			
ampelophila Loew (Drosophila): M106(300–301); M111(21); M112(193) amplipennis Skuse (Plecia): M46(603) amplividens Walk. (Achius): M121(135) analis Macq. (Australophyra): M13(667): M31(554)				1 Malloch SPHTM; 5 Malloch USNM
analis Mall. (Calopygidia): M68(350-351)	CSIRO	CSIRO	2 SPHTM; 1 USNM;	o Manoch Comm
ananassae Dol. (Drosophila): M106(301); M112(194)			i ČSIRO	

<sup>\*</sup> In the original description this was called W. albicens in error. The key and other passages and all specimens have W. albicens.

† The USNM specimen labelled paratype by Malloch bears only "934 Coll. Miller". Possibly this is the Queenstown specimen.

‡ Actual specimen of paratype has been lost. It had been renamed X. bimacula Beck. by Malloch. Another specimen in SPHTM appears to belong to the type series.

§ The type series comprises 2 33 and 2 99 mounted together with no special indication of type or allotype.

allotype.

Tof the five paratypes in USNM, four are as published, "Babinda, N.Q. (Illingworth)". The fifth in "Mer. 14.11.18 (Edmund Jarvis)". This is probably an oversight by Malloch in not citing the different date and collector on this one specimen.

### Amage   Color   Co
angusticornis Mall. (Neotachina): M119(242-243).  angustifrons Hendel (Dasyortalis): M121(103) angustifrons Mall. (Platytachina): M119(216) angustifrons Mall. (Mall. (Latoropyna): M18(115-116) angustifrons Mall. (Mall. (Latoropyna): M18(115-116) angustifrons Mall. (Blatytachina): M12(12-613) ansundia Mall. (All. (Milled): M12(2673) ansundia Mall. (All. (Milled): M12(2673) anomala (Mall.) (Lasiopleura): M128(273) anomala Mall. (Diplotoxa): M34(14-417) andustrical Big. (Heina): M9(407): M23(42) antiprotial Mall. (Diplotoxa): M34(140): M12(141) antiprotial Mall. (All. (Milled): M12(203)) antiprotial Mall. (All. (Collaphorophi): M12(363)): apicalis (Williston) (Euzesta): M96(206) apicalis (Walk.) (Maorina): M36(312) apicalis (Walk.) (Maorina): M36(32) apicalis Mall. (Popostoma): M37(339) apicalis (Walk.) (Maorina): M38(344): M134(57) apicalis (Mall. (Popostoma): M38(444): M134(57) apiciprinchala Mall. (Homoneura): M38(441): M134(57) apiciprinchala Mall. (Homoneura): M38(441): M134(57) apiciprinchala Mall. (Hamoneura): M38(441): M134(57) apiciprin
angustifrons Hendel (Dasyorlais): M121(103) angustifrons Mall. (Platylachina): M119(216) angustifrons Hendel (Tozura): M53(7) angustifrons Hendel (Tozura): M54(8128) angustifrons He
angustyromis Tenna. & Mall. (Hutonina): M48(178) angustyrennis Tenna. & Mall. (Huttonina): M48(178) angustyrennis Mall. (Rutiologica): M37(352) anisonychia Collin (Hilara): M38(427) annulipes Mall. (Steganopsis): M31(548-549) annulipes Mall. (Steganopsis): M31(548-549) annulipes Mall. (Steganopsis): M31(548-549) annulipes Mall. (Lasiopleura): M128(273) anomala Mall. (Justopleura): M128(273) anomala Mall. (Protaguster): M31(548-549) anomala Mall. (Diplotoxa): M38(416-417) anterica Big. (Helina): M94(40): M23(42) anteriota Big. (Helina): M94(40): M94(4
### annualipes Macq. (Tapeigaster): M31(553); M69(436)  ### annualipes Macq. (Tapeigaster): M24(96); M128(273)  ### annualipes Macq. (Tapeigaster): M24(448)  ### annualipes Macq. (Tapeigaster): M24(438)  ### annualipes M24(438)  ### annualipes M24(438)  ### annualipes M24(4): M24(438)  ### annualipes M24(4488)  ### annualipes M24(4488)  ### annualipes M24(4488)  ### annualipes M24(
### annualipes Macq. (Tapeigaster): M31(553); M69(436)  ### annualipes Macq. (Tapeigaster): M24(96); M128(273)  ### annualipes Macq. (Tapeigaster): M24(448)  ### annualipes Macq. (Tapeigaster): M24(438)  ### annualipes M24(438)  ### annualipes M24(438)  ### annualipes M24(4): M24(438)  ### annualipes M24(4488)  ### annualipes M24(4488)  ### annualipes M24(4488)  ### annualipes M24(
anomala (Mall.) (Lassopietara): M24(95) M128(273) anomala (Mall.) (Parihippelates): M24(95) M128(273) anomala (Mall.) (Parihippelates): M24(95) M128(273) anomala (Mall.) (Parihippelates): M24(95) M128(273) anomala (Mall.) (Prochaetops): M27(306) anthracina Mall. (Homoneura): M66(208-209) anthracina Mall. (Prochaetops): M91(5); M112(181). anthracina Mall. (Prochaetops): M91(5); M112(181). anthracina (Hutt.) (Xenocalliphora): M20(639); M72(317) anuda Curran (Homoneura): M133(143) taperta Mall. (Erythronychia): M97(447) apricalis (Williston) (Acrosticta): M73(217); Apicalis (Williston) (Acrosticta): M73(217); Apicalis (Williston) (Acrosticta): M73(217); Apicalis (Williston) (Euxesta): M96(206) apicalis (Walk.) (Maorina): M71(241) apicalis Mall. (Pseudepicausta): M121(119) apicalis Mall. (Pseudepicausta): M121(119) apicalis Mall. (Pseudepicausta): M38(312) apicalis Mall. (Pseudepicausta): M38(312) apicalis Mall. (Pseudepicausta): M38(312) apicalis Mall. (Homoneura): M30(47) apicipunctata (Mall.) (Botanobia): M38(444); M134(57) apicipunctata (Mall.) (Botanobia): M38(444); M134(57) apicipunctata (Mall.) (Botanobia): M38(444); M134(57) araliae Mall. (Hemilea): M12(2627): M38(444); M134(57) araliae Mall. (Hemilea): M12(2627): M34(7) araliae Mall. (Hemilea): M12(4438) araucariae Tryon) (Diarrhegmoides): M124(438) araucariae Tryon) (Diarrhegmoides): M124(438) araucariae Tryon) (Rioxa): M124(438) araucariae Tryon (Rioxa): M124(438) araucariae M124(438) araucariae
anoroticals Mall. (Diplotoca): M83(416-417) anlarctica Big. (Helina): M9(140); M23(42) antennatis (Hutt.) (Calliphoroides): M72(306) anthracina Mall. (Homoneura): M66(208-209) M72(317) anuda Curran (Homoneura): M20(639); M72(317) anuda Curran (Homoneura): M133(143) apertum Hutt. (Calcager): M55(342); M119(174-175) apicalis (Williston) (Acrosticta): M73(217); M96(206-207); M103(262) apicalis (Stein) (Dichaetomyia): M20(236-327) apicalis (Stein) (Dichaetomyia): M20(236-327) apicalis (Williston) (Acrosticta): M73(217) apicalis (Williston) (Homoneura): M30(47) apicalis Sch. (Pygophora): M121(119) apicalis Sch. (Pygophora): M10(382) apicalis Sch. (Pygophora): M10(382) apicalis Sch. (Pygophora): M30(47) apicinebula Mall. (Homoneura): M30(47) apicinebula Mall. (Gaurax): M38(444); M134(57) apicipunetata (Mall.) (Botanobia): M38(444); M134(57) apicipunetata Mall. (Hemoneura): M66(210) appendiculata Mall. (Heteriae): M72(326) appendiculata Mall. (Heteriae): M72(326) appendiculata Mall. (Heteriae): M72(326) appendiculata Mall. (Heteriae): M126(271) aratiae Mall. (Hemilea): M126(271) aratiae M11. (Hemilea): M126(271) aratiae M126(271) aratiae M126(271) aratiae M126(271) aratiae
anthracina Mall. (Homoneura): M66(208-209) anthrac Mall. (Prochaetops): M91(5): M112(181). antipodei (Hutt.) (Xenocalliphora): M20(639); M72(317) anuda Curran (Homoneura): M133(143)
anuda Curran (Homoneura): M133(143) taperta Mall. (Erythronychia): M97(447) apertum Hutt. (Calcager): M55(342); M119(174-175) apicalis (Williston) (Acrosticta): M73(217); M96(206-207): M103(262) apicalis Mall. (Calliphora): M22(326-327)  apicalis (Williston) (Euxesta): M96(206) apicalis (Walk.) (Maorina): M71(241)  apicalis Mall. (Palpostoma): M37(339) apicalis Mall. (Pesudepicausta): M121(119) apicalis Sch. (Pygophora): M10(382)  apicipasciatus Mall. (Pseudespheniscus): M126(267-269) apicipunctata (Mall.) (Botanobia): M38(444); M134(57) apicipunctata Mall. (Homoneura): M30(47). apicipunctata Mall. (Gaurax): M38(444); M134(57) apicipunctata Mall. (Hernica): M72(326) appendicultal Mall. (Heteria): M72(326) aquaria Hutt. (Ephydra): M124(438) araucariae (Tryon) (Diarrhegmoides): M124(438) araucariae Tryon (Rioxa): M124(435) araucariae Mall. (Herosana): M85(129)  Lamber M124(435) All Malloch USNM  SPHTM  SPHTM  BM (NH)  BM (NH)  BM (NH)  BM (NH)  Cawthron  1 Malloch USNM  Phalloch USNM  2 Malloch USNM  N Malloch USNM  Phalloch USNM  N Malloch USNM  SPHTM  SPHTM  BM (NH)  1 USNM  BM (NH)  1 USNM  BM (NH)  1 USNM  BM (NH)  1 USNM  BM (NH)  2 BM (NH)  Cawthron  SPHTM  SPHTM  SPHTM  BM (NH)  Cawthron  Cawthron  Cawthron  1 Malloch USNM  Phalloch USNM  N Malloch USNM
apicalis (Stein) (Dichaetomyia): M22(326-327)  apicalis (Williston) (Euxesta): M96(206) apicalis (Walk.) (Maorina): M71(241)  apicalis Mall. (Palpostoma): M37(339) apicalis Mall. (Pesudepicausta): M121(119)  apicalis Sch. (Pygophora): M10(382)  apicifasciatus Mall. (Pseudospheniscus): M126(267-269) apicinventata (Mall.) (Botanobia): M38(444); M134(57) apicipunctata Mall. (Botanobia): M38(444); M134(57) apicipunctata Mall. (Gaurax): M38(444); M134(57) apicipunctata Mall. (Hetria): M72(326) appendicultata Mall. (Hetria): M72(326) aquaria Hutt. (Ephydra): M34(7) aratiae Mall. (Hemilea): M126(271) aratiae Mall. (Hemilea): M124(438) aratiae Mall. (Psenau): M124(438) aratiae Mall. (Psenau): M124(438) aratiae Mall. (Psenau): M124(438) aratiae Mall. (Psenau): M126(271) aratiae M126
apicalis (Walk.) (Maorina): M71(241)
apicalis Mall. (Palpostoma): M37(339) apicalis Mall. (Pseudepicausta): M121(119)
Apicifasciatus   Mall.   (Pseudospheniscus)   BM (NH)   BM (NH)   2 BM (NH)   7 Malloch USNM   M126(267-269)   Apicinebula   Mall. (Homoneura)   M30(47).
M126(267-269)
apicipunctata Mall. (Gaurax):         M38(444);         M134(57)         SPHTM         SPHTM         1 USNM         1 BM (NH)         1 BM (NH)         1 USNM         1 BM (NH)         1 USNM         1 USNM         6 Malloch USNM         6 Malloch USNM         2 BM (NH)         3 BM (NH)
araliae Mall. (Hemilea): M126(271) araucariae (Tryon) (Diarrheymoides): M124(438) araucariae Tryon (Rioxa): M124(435) arcuala Mall. (Prosena): M85(129)  SPHTM
arcuata Mall. (Prosena): M85(129) SPHTM
arenaria Tonn. & Mall. (Sapromyza): M34(23) C'bury M argentata Curran (Prosena): M67(114); M85(131, 132)  2 Malloch USNM
argenticeps Mall. (Lioscinella):       M134(56)       SPHTM         \$\( \) argentifera \text{Mall. (Chaetogaster):}       M114(19-20)       SPHTM         argentifera \text{Big. (Rutilia):}       M37(349);       M44(333);         \( \) \text{M55(297-298);}       M67(107)         argentifrons \text{Mall. (Actia):}       M68(309-310)       SPHTM              3 \text{Malloch USNM}
argentifrons Mall. (Mycodrosophula): M35(1) SPHTM argentifrons Mall. (Spilogona): M83(382-383) USNM C'bury M argyropsila Bez. (Tapeigaster): M69(436)
aristalis Bez. (Pseudorichardia): M96(206)         aristata Mall. (Maorina): M71(241)          armata (Stein) (Dichaetomyia): M17(140); M22(323);       1 Malloch SPHTM;         M27(329-330); M60(405)       6 Malloch USNM
Sarmata (Mall.) (Homoneura):       M25(320-321);       1 BM (NH)         M44(320)       armata Mall. (Lispa):       M22(335-336)       SPHTM
armata Mall. (Myothyria): M68(340)        SPHTM       (with?)         armata Mall. (Sapromyzosoma): M25(320-321)        SPHTM       1 USNM         armatipes Mall. (Prochaetops): M91(9-10): Bishop M       1 USNM
M112(183) armatipes var. claripennis Mall. (Prochaetops): M01(10): M112(183)
armiceps Mall. (Palpostoma):       M80(296-297)         armiceps Mall. (Voriella):       M68(336)         armipes Beck. (Lispa):       M12(609);         M22(334)       1         Malloch SPHTM

<sup>\*</sup> Allotype and three male paratypes not mentioned in original description in SPHTM. Allotype and one paratype labelled male are apparently females, as is the holotype.

† The determined specimen in USNM is labelled a paratype but was not cited in the original description.

† The paratype in USNM is from Gisborne, Victoria; this detail was omitted by Malloch, M114(20).

§ The paratype listed for BM (NH) must have been designated subsequent to publication of this species and so should not be considered a true paratype.

¶ Three of the specimens recorded in M112(184) are in USNM labelled paratypes but they cannot be true paratypes.

				-
artemisiae Kaltenbach (Agromyza): M12(622) aspiciens (Walk.) (Achiosoma): M121(180–131) assimilis Mall. (Calliphora): M36(317–318)				1 Malloch SPHTM
*assimilis Tonn. & Mall. (Ephydra): M34(7-8) assimilis Wied. (Lispa): M22(337-338); M58(153) assymilis (Macq.) (Paramphibolia): M55(313) astrolabei Bd. (Cleitamia): M121(109)				2 Malloch USNM 1 Malloch Aust. M 2 Malloch SPHTM;
asymmetrica Mall. (Homoneura): M35(15) †atra Mall. (Borboroides): M24(85-86)	SPHTM SPHTM			1 Malloch Aust. M; 2 Malloch USNM
atra Mall. (Dacus): M118(113)	Bishop M		1 USNM	
and Man. (Neoscuccia). M111(5-10), M112(200)	Bishop M		37 Bishop M; 22 USNM; 1 BM (NH)	
‡atra Mall. (Neotryphera): M119(218-219) atra Meig. (Phytomyza): M110(341) atra Meig. (Pseudonapomyza): M110(341) atrata Mall. (Depressa): M30(31-32); M38(401)	C'bury M		I BM (NH)	1 Malloch USNM
	SPHTM			Tasmanian spec. (M38) USNM
atrata Mall. (Podanema): M43(308); M46(611) atrata (Mall.) (Toxopoda): M46(611)	USNM			(1200) 0.521.72
atratipes Mall. (Lispocephala): M52(83) atratula Mall. (Anthracomyza): M36(319) atratula Mall. (Cylindromyia): M68(314)	Bishop M CSIRO SPHTM	USNM	1 CSIRO (damaged)	1 Malloch Aust. M
atratula Mall. (Dohrniphora): M25(334) atratus Mall. (Occisor): M119(206, 207) atribasis (Walk.) (Formosia): M37(350-351);	SPHTM Cawthron		(damaged)	
atribasis (Walk.) (Formosia): M37(350-351); M55(311); M67(105) atriceps Mall. (Asteia): M93(115-116); M112(190)				13 Malloch USNM; 2 Engel SPHTM; 1 Malloch Aust. M
atricornis Mall. (Batrachomyia): M25(336); M128(265)	Bishop M SPHTM		1 SPHTM; 2 USNM	1 Malloch SPHTM; 3 Malloch Sabrosky Coll.
atricornis (Mall.) (Cadrema): M128(277) atricornis Mall. (Deltasoma): M78(66-67); M128(275)	SPHTM			
atricornis Mall. (Fergusonina): M24(92); M86(214) atricornis Mall. (Hippelates): M38(438-439) atricornis Meig. (Phytomyza): M12(622)	CSIRO USNM			2 Malloch, 1 Hering
atricornis Mall. (Platytachina): M119(212-213) atricornis Mall. (Prochaetops): M112(181-188) satridorsata Mall. (Megaselia): M110(337) atrifacies Mall. (Discocerina): M106(318-319) atrifacies Mall. (Homoneura): M133(189-140) atrifemur Mall. (Pollenia): M72(321) atrifrons Mall. (Czernyola): M135(209)	USNM Bishop M Bishop M BM (NH) BM (NH) C'bury M Bishop M	Bishop M	2 USNM	SPHTM
atrifrontata Mall. (Xenolispa): M8(280); M10(384); M12(610). atrimana Mall. (Paralauxania): M38(410)	BM (NH) SPHTM		2 USNM;	
	SPHTM		3 CSIRO 1 USNM	1 Ferguson SPHTM
atrimana Mall. (Paralimna): M25(326) atrimana Mall. (Sapromyza): M45(359-360) atripennis Mall. (Neomedina): M110(362-364)	Bishop M		1 BM (NH)	
atripes Mall. (Exechopalpus): M67(131)	SPHTM USNM SPHTM			
atriseta (Mall.) (Caurema). M128(217) atriseta (Mall.) (Gaurax): M19(355); M38(438) atriseta (Mall.) (Hippelates): M38(438); M128(277) atrithorax Mall. (Limnophora): M58(187)	SPHTM			
atriventris Mall. (Cadrema): M128(278-279)	Bishop M SPHTM		1 BM (NH)	
atriventris Mall. (Sapromyza): M24(83-84) atroapicata Mall. (Thyridula): M19(358); M38(441); M128(275)	USNM SPHTM	USNM	2 USNM	1 Malloch SPHTM; 2 Malloch Sabrosky
atrogrisea Mall. (Homoneura): M30(46-47); M38(419); M59(65)				Coll.
atropurota RD. (Sturma): M110(355) atropurotipes Mall. (Metopomyia): M8(272-273); M12(603)	BM (NH)			2 Malloch SPHTM; 1 Malloch USNM
attenuata Mall. (Pseudepicausta): M82(27-28); M121(117) attenuata (Mall.) (Scotinosoma): M121(117)	DEI		1 USNM	
augur (Fabr.) (Calliphora): M36(310); M46(613); M107(20)				4 Malloch, 3 Taylor SPHTM; 3 Malloch USNM
aurantiaca (Stein) (Heliographa): M29(508); M60(399)				2 Malloch USNM (with ?)
aurea Macq. (Lonchaea): M48(306); M74(241) aurea Town. (Protomeigenia): M55(323) aureifacies Mall. (Spilogona): M83(383)	C'bury M			· · · · · · · · · · · · · · · · · · ·
* The name assimilie is used for the species	donoriho 3	g F similio	in a kov on	47

<sup>\*</sup> The name assimilis is used for the species described as E. similis in a key on the same page but above the description.

† Type specimen is labelled B. australis. Its head has been lost.

‡ The determined specimen in USNM is wrongly labelled a paratype.

§ The label on the type is Samoa, Savaii, Salallua, E. J. Bryan, Jr., 23-V-24. This is not in agreement with the published locality.

¶ This is a new name proposed by Malloch for T. nigripennis Hendel.

aureiventris (Curran) (Hyalomyia): M67(96) aureocapitata Mall. (Sapromyza): M30(44) aureocauda Curran (Palia): M55(335) aureondata (Macq.) (Calliphora): M20(640); M36(303): M72(316) aureopyga Curran (Zita): M55(335) aureovitta Mall. (Euprosopia): M121(151-152)	SPHTM			3 Malioch USNM
auricepta Mall. (Euphospin): M121(191-192)	BM (NH) Hamburg		1 BM (NH)	N. N. J. Ways
australasiae Mall. (Helina): M13(669-670); M23(41) australasiae Mall. (Hyalomyodes): M68(325)	BM (NH)			1 Malloch USNM; 1 Malloch SPHTM; 1 Malloch Aust. M 1 F. M. Snyder, 2 Malloch USNM
australiae Mall. (Heteromeringia): M30(48); M69(435) australiae Mall. (Scatella): M25(331) *australica Mall. (Calliphora): M36(314)	SPHTM SPHTM			1 Malloch USNM 4 Malloch SPHTM;
australiensis Mall. (Delta): M68(332-333)	SPHTM		1 USNM; 1 SPHTM; 2 CSIRO	2 Malloch USNM
australiensis (Sch.) (Erythronychia): M97(445-446) australina Hendel (Acauthoneura): M124(432) australis Mall. (Achias): M121(137-138)	SPHTM		2+2 dam- aged USNM	3 Malloch USNM
australis Bd. (Calliphora): M84(66) australis Mall. (Cerodonla): M24(89-90) australis Mall. (Dasycoelopa): M101(349-350)	SPHTM USNM	Very damaged	1 SPHTM	1 Ferguson SPHTM
australis (Mall.) (Doddiana): M68(341); M100(135-136) †australis var. maculiventris Mall. (Doddiana): M100(136)	SPHTM	SPHTM	1 BM (NH);	
australis Mall. (Ephydroscinis): M18(331-332)	SPHTM Aust. M	USNM	1 SPHTM; 1 USNM 6 USNM	
australis Beck. (Formosina): M116(355)  ‡australis Mall. (Haematobia): M89(506)	USNM BM (NH)	USNM BM (NH)	2 USNM 3 SPHTM; 3 USNM; 3 BM(NH)	
australis Mall. (Liodrosophila): M45(354-355) australis Mall. (Lipara): M128(279-280) australis Mall. (Lispocephala): M12(664-605) australis (Hutt.) (Macrocanace): M34(5-6) australis Mall. (Madiza): M128(276) australis Hutt. (Octhiphila): M34(5-6) australis Mall. (Pachyneres): M16(205); M46(606);	SPHTM BM (NH) CSIRO			
australis Mall. (Pachyneres): M16(205); M46(606); M51(138-140) australis Mall. (Pygophora): M10(383) australis B. & B. (Rhinomyiobia): M67(129-130)	Aust. M BM (NH)			1 Malloch USNM 2 Malloch USNM:
§australis Mall. (Rhyncomydaea): M12(604); M9(135) australis J. & T. (Sarcophaga): M110(365)	BM (NH)		3 BM (NH)	2 Malloch USNM; 1 Malloch SPHTM; 2 Malloch SPHTM; 5 Malloch USNM 1 Parker SPHTM
australis Mall. (Scaptomyza): M12(618-619)  australis Mall. (Semisuturia): M37(340-341) australis Mall. (Stenomicra): M40(25) australis Mall. (Tephrella): M124(456) australis Mall. (Trypaneoides): M44(321-322) avicola Mall. (Sapromyza): M38(416-417)	USNM SPHTM BM (NH) SPHTM SPHTM CSIRO		4 USNM	3 Malloch SPHTM; 7 Malloch USNM
badia (Hutt.) (Oscinosoma): M83(412-413)	Transac			10 Malloch Sabrosky Coll.
bakeri Mall. (Plecia): M46(605) bakeri Mall. (Pseudosophira): M124(415) baldwini Mall. (Actia): M68(306) balleata Bergroth (Drosophila): M12(618)	USNM SPTHM		3 USNM 1 SPHTM	
bancrofti Mall. (Antipodomyia): M4(429-430); M23(44) bancrofti (Mall.) (Cadrema): M128(277) bancrofti Mall. (Hippelates): M24(97) barbata Hendel (Dasyortatis): M121(103)	BM (NH) SPHTM	BM (NH)	2 BM (NH)	
barbata Hendel (Dasyortalis): M121(103) barbifera Hendel (Pogonortalis): M46(612) barnardi (Bergroth) (Homoneura): M35(15)				1 Malloch USNM 1 Malloch SPHTM; 3 Malloch USNM
# (D) - 4				

<sup>\*</sup> The two specimens listed from USNM were found in the Malloch collection under a pencilled label "australica". One from Kosciusko, 7 December, 1922, agrees with data for the holotype; the other, Blackheath, 24 December, 1921, agrees with a male paratype. Since type material cannot be found elsewhere, they may be type and paratype, and have been labelled accordingly "possible holotype" and "possible paratype".

† The type (28.ix.1922) is in SPHTM as also is a Kenthurst specimen (labelled paratype). One specimen (National Park 29.ix.1922) labelled paratype, is in USNM.

‡ The type 3 and the paratype 3, on the pin with Malloch's label "Type" are actually from Stapleton, N.T., G. F. Hill.

§ One specimen in SPHTM determined by Malloch is incorrectly labelled, and appears to be R. pollinosa Mall.

basalis Ender. (Brea): M121(125) basalis Mall. (Hyalomyia): M67(96) basalis Walk. (Lamprogaster): M121(144) basalis Curran (Paliana): M55(335); M68(344-345)	SPHTM			
basilaris Wied. (Rivellia): M73(221) basiseta Mall. (Megaselia): M110(336-337) beckeri Mall. (Conioscinella): M128(285-286)	Bishop M SPHTM	SPHTM	1 BM (NH) 14+8 pre- sumed SPHTM;	
beckeri var. grisella Mall. (Conioscinella): M128(286) beirne Brues (Plastophora): M2(501) bella Curran (Prosena): M67(115-116); M85(131)	SPHTM		11 USNM; 4 CSIRO	•
bellula Bergroth (Drosophila): M12(613-614) benefica Mall. (Pseudoleucopis): M70(490); M130(266) bezzii Miyake (Dacus): M81(265)	CSIRO		2 USNM; 1 CSIRO	
*biannulata Mall. (Lioscinella): M134(48) biarcuata (Walk.) (Cleitamia): M121(110) biarcuatus Walk. (Dacus): M124(464) biarmata Mall. (Euprosopia): M57(512); M69(431);	DEI		}	
M82(8) biarmata Mall. (Phytalmia): M122(174) biarmata Mall. (Senostoma): M114(14-15)	BM (NH)		6 BM (NH)	
biarmata Mall. (Senostoma): M114(14-15) bicolor Macq. (Lamprogaster): M45(349) bicolor (Macq.) (Linnaemyia): M55(317) bicolor Mall. (Paracoenosia): M119(256) bicolor Mall. (Prochaetops): M91(5-6); M112(182) bicolor (Macq.) (Rioxa): M124(436)	SPHTM		·	5 D. J. Clark BM (NH) 3 Malloch USNM 1 Malloch Aust. M
bicolor Mall. (Prochaetops): M91(5-6); M112(182) bicolor (Macq.) (Rioxa): M124(436)	Bishop M			1 Bezzi SPHTM
bicoloripes Mall. (Sciptomyza): M100(297-298)	BM (NH) Bishop M SPHTM	Bishop M SPHTM	8 Bishop M; 6 USNM	
†bicoloripes Mall. (Sapromyza): M30(38) bicornis Mall. (Cadrema): M111(28-29)	Bishop M	Bishop M	30 Bishop M;	
bidentata Mall. (Atherigona): M44(326-327) bifasciata (Stein) (Dichaetomyia): M6(420) bifida Mall. (Phaoniella): M119(217) bifidus Bez. (Pseudospheniscus): M124(450);	Cawthron		5 USNM	
M127(241) bilimbata Bez. (Drosophila): M106(311) bilineata de Meij. (Euprosopia): M121(149-150) bilineata (Hutt.) (Poecilohetaerella): M34(26)				1 Malloch SPHTM 3 Malloch; 1 Tonnoir USNM
bilineatus Fabr. (Anabarrhynchus): M90(242) †bilineatus Mall. (Chilocryptus): M111(26-27);	Bishop M			2 Malloch USNM
M112(188) bimacula Mall. (Maorina): M71(237-238)	C'bury M		4 USNM	1 Malloch USNM
bimacula Beck. (Xenolispa): M12(610) bimaculata Mall. (Upolumyia): M106(283) bimaculata Mall. (Xanthotrypeta): M124(444); M126(250-251)	Bishop M BM (NH)	BM (NH)	1 BM (NH)	1 Malloch SPHTM
Shimaculatus Hendel (Scholastes): M73(223);				1 Malloch SPHTM; 1 Malloch Aust. M
"M121(129); M129(73) binigra Mall. (Zealandotachina): M119(233-234) binotatus (Thoms.) (Trigonometopsis): M24(82-83); M38(412); M59(37) bioculata (de Meij.) (Homoneura): M61(413)	USNM			1 Malloch SPHTM; 1 Malloch USNM
bipartita Mall. (Chloropella): M24(94–95) bipuncta Mall. (Lispocephala): M60(394) bipunctata Mall. (Aneuria): M72(341)	SPHTM Amsterdam C'bury M	Presumed	į	9 Malloch USNM
bipunctata Hendel (Euxestomoea): M121(106) bipunctata (Hutt.) (Maorimyia): M48(155-156);		USNM		1 Malloch USNM
M103(325-327) biroi de Meij. (Antineura): M121(104) biroi Hendel (Laglaisia): M121(112) bischoft Kertesz (Ptilona): M124(464)			:	
biserialis (Macq.) (Austrophorocera): M68(344) biseriata Mall. (Clusiosoma): M124(426)	SPHTM		4 USNM (damaged);	1 Malloch USNM
biseriata Mall. (Dicladochaeta): M96(218); M112(195)	Bishop M	Bishop M	1 DEI 2 Bishop M; 3 USNM	2 Malloch Bishop M
biseriata Mall. (Incurviseta): M38(406) biseriatus Mall. (Chaetophthalmus): M68(311) biseta Mall. (Adrama): M123(332-333) biseta Mall. (Fergusonina): M86(215)	CSIRO USNM SPHTM SPHTM	CSIRO	2 USNM	1 Malloch USNM
biseta Mall. (Scaptomyza): M96(222); M112(194). bisetosa Bez. (Paurothrix): M73(235) bisetosa Mall. (Prosena): M85(130)	Bishop M SPHTM	USNM		(with ?)  1 Malloch SPHTM
O. C.				(headless)

<sup>\*</sup> This is a new name for Oscinosoma nigroannulata, M78(61).

<sup>†</sup> Type and allotype mounted on the same card, not type and paratype as mentioned in the description.

<sup>†</sup> The two identified specimens in USNM were labelled paratypes by Malloch but are the specimens recorded in M112(188).

<sup>§</sup> Specimen in Aust. M was originally labelled S. bipunctatus Hendel.

bistrigata Hendel (Scotinosoma): M121(117) bivittata Mall. (Atherigona): M60(397) bivittata Mall. (Enicopterina): M127(241)	Amsterdam BM (NH)			2 Malloch USNM  1 F. van Emden
bivittata Mall. (Linnohelina): M72(298) bivittata Stein (Lispa): M60(391)	USNM		1 USNM	BM (NH)
bivittata Mall. (Prochaetops): M91(6-7); M112(182) bivittigera Mall. (Lioscinella): M134(55-56)	Bishop M SPHTM			1 Malloch USNM (labelled paratype)
blundelli Mall. (Oscinis): M116(341–342)botanica Mall. (Oscinis): M116(348) brachycerus Knab & Mall. (Microdom): M1(235–236) brachyophthalmus Walk. (Achias): M121(135–136)	CSIRO SPHTM USNM		1 CSIRO	1 Malloch, 1 Aldrich
brevicornis Hendel (Campylocera): M53(17) brevicornis (Saunders) (Diplochorda): M122(178) brevicornis Mall. (Sapromyza): M35(10) brevigaster (Macq.) (Chaetophthalmus): M55(319)	SPHTM		2 USNM	SPHTM; 12 Malloch USNM  15 Malloch USNM;
brevipalpus Mall. (Avibrissina): M97(438-439); M119(179)	Cawthron		4 USNM	15 Malloch SPHTM
brevis Mall. (Actia): M68(309) brevis Mall. (Huttonina): M72(343) breviseta Mall. (Ephydra): M25(329) breviseta Mall. (Eustacomyia): M37(337-338); M67(133)	SPHTM USNM SPHTM SPHTM		3 USNM	
breviseta Mall. (Siphunculina): M19(358-359)	SPHTM		2 SPHTM; 6 USNM	1 Malloch SPHTM
brevispina Mall. (Lispocephala): M52(81). brevivitta Walk. (Trypeta): M124(464) bronneci Mall. (Apulvillus): M112(198-199)	Bishop M Bishop M		2 USNM;	
brouni (Hutt.) (Cerosomyia): M119(198)	_		4 Bishop M	
brunnea Mall. (Cylindromyia): M68(315) brunneicosta (Mall.) (Lasiopleura): M12(620-621); M128(272)	CSIRO			
brunneicosta Mall. (Linnophora): M65(332) brunneicosta Mall. (Parahippelates): M12(620-621) brunneifrons Mall. (Tapeigaster): M35(16) brunneifrons Mall. (Thyridula): M38(442); M128(275)	BM (NH) S.A. Mus USNM SPHTM			
brunneipennis Mall. (Dichaetomyia): M60(406) brunneipennis Mall. (Drosophila): M12(617-618) brunneoapicata Mall. (Botanobia): M134(59) brunneovittata Mall. (Sapromyza): M30(45-46); M35(12)	Amsterdam Aust. M SPHTM SPHTM			1 Malloch USNM  1 Malloch SPHTM; 1 Tonnoir, 3 Mal-
	Cawthron			loch USNM
brunniceps Mall. (Perrissina): M119(186-187) bryani Mall. (Drosophila): M106(310) bryani Mall. (Oscinosoma): M74(248) bryani Mall. (Xenognathus): M73(226) bryoniae Tryon (Dacus): M124(411) bullans (Wied.) (Camaromyia): M103(274); M124(460,461)	Bishop M Bishop M Bishop M	<b>1</b>	1 BM (NH)	2 Harrison USNM 1 Malloch BM (NH) 1 Malloch BM (NH) 1 Malloch SPHTM;
11124(400-401)				10 Malloch and Bezzi USNM
bullans Wied. (Trypeta): M124(460) bulloloae Mall. (Pseudina): M124(446-447) burnsi Mall. (Austrometopia): M69(438)	SPHTM SPHTM		1 USNM;	
buruensis Mall. (Dichaetomyia): M60(402) buruensis Mall. (Steganopsis): M61(409-410) buscki Coq. (Drosophila): M12(616-617)	Amsterdam Amsterdam		2 SPHTM	1 Malloch SPHTM;
buxtoni Mall. (Mycodrosophila): M106(286–287) buxtoni Mall. (Pygophora): M58(160)	BM (NH) Bishop M		2 BM (NH); 1 USNM	3 Malloch USNM
caerulea (Macq.) (Celetor): M57(506)				3 Malloch USNM
caeruleifrons (Macq.) (Orthellia): M107(8-9) caeruleiventris Big. (Maria): M121(124) caerulescens (Stein) (Helina): M9(137); M23(41) caesar (Linné) (Lucilia): M20(639); M36(322)				1 Malloch SPHTM; 15 Malloch USNM
cairnsi Mall. (Lioscinella): M134(49) ealeitrans (Linné) (Stomoxys): M58(175); M89(402-403)	SPHTM			1 Austen, 1 Marshall SPHTM
calliphorosoma Mall. (Macrochloria): M55(326); M114(20) calliphorosoma var. rufipes Mall. (Macrochloria):	Aust. M SPHTM	SPHTM	3 Aust. M 2 SPHTM;	1 Malloch SPHTM; 3 Malloch USNM
M114(20) callipygus Gerst. (Formosia): M55(309) caloptera Big. (Laglaisia): M121(112) calopterata Mall. (Helina): M17(142-143); M23(41) campbelli (Mill.) (Hyalomyia): M72(308)	SPHTM	USNM	2 USNM	
cana Walk. (Lispa): M12(607-608); M22(333); M58(155); M60(392) cana Hutt. (Procissio): M119(204) cana var. valida Hutt. (Procissio): M18(71) canaliculata Beck. (Chlorops): M78(71)				2 Malloch SPHTM; 6 Malloch USNM 1 Malloch USNM
canaliculata Beck. (Oscinis): M116(345) canaliculata var. trisulcata Mall. (Oscinis): M116(345) canicularis (Linné) (Fannia): M12(605); M72(305)		İ		3 Malloch SPHTM

circumsetosa de Meij. (Apiochaeta): M110(334) cirrhura Bez. (Sarcophaga): M75(481) cirrical Bez. (Lonchaea): M42(307)					
1 Malloch Aust. M;   5 Malloch USNM   1 Malloch Aust. M;   5 Malloch USNM   5 Malloch USN	capitata (Wied.) (Ceratitis): M124(451)				5 Malloch USNM
CSIRO   CSIR	carinata (Stein) (Rhyncomydaea or Hardyia): M12(604); M31(554) carinata Mall. (Tricimba): M19(356-357):				1 Malloch Aust. M; 5 Malloch USNM
County M   Constance (Mitt) (Neolimnia)   M8(165)   M8(166)   M8	carinifacies Mall. (Tricimba): M38(443) casei (Linné) (Piophila): M25(316): M96(215):			1 USNM	1 Malloch SPHTM
castaness Hutt. (Anabarrhynchus): M90(241) catharinae de Meij. (Cleitania): M32(41, 44) catharinae de Meij. (Cleitania): M121(107) cardinae de Meij. (Cleitania): M31(260) cardinae Mall. (Cleitania): M31(260) cardinae Mall. (Cleitania): M31(260) cardinae Mall. (Catrininya): M30(261) cardinae Mall. (Catrininya): M30(261) centralis Mall. (Catrininya): M30(277-249) centralis Mall. (Catliphora): M36(311); M46(613).  centralis Mall. (Clusiosoma): M124(426) centralis Mall. (Clusiosoma): M124(426) centralis Mall. (Chichochaetigera): M119(195-196) centralis Mall. (Thyradula): M24(96); M38(441); M128(274-275) certralis Mall. (Thyradula): M34(42) certralis Mall. (Chactocatela): M112(112): dallacin M34(1): Chactocatela): M112(199-200) chalpea (Dol.) (Pseudepicausta): M34(306) chesemanae Mall. (Mallophyris): M34(43) chesemanae Mall. (Chactocatela): M34(306) chesemanae Mall. (Chactocatela): M34(306) chesemanae Mall. (Mallophyris): M34(43) chesemanae Mall. (Mallophyris): M34(43) chesemanae Mall. (Mallophyris): M34(43) chesemanae Mall. (Mallophyris): M34(43) chesemanae M34(43) chesemanae M34(44) chesemanae M34(44) chesemanae M34(44) chesemanae M34(44) ches	cassiniae Mall. (Tephritis): M83(395-396)	C'bury M		1 USNM	
DET	castangue Hutt (Amahambamahan) . MOO(941)	SPHTM		2 USNM	
2   1   F. van Emden   2   2   2   2   2   2   2   2   2	cavifrons Mall. (Cairnsinyia): M80(294-295)  calumboides (Wolk) / Mesostavia): M191(199)	DEI		1 USNM	
centralis Mall. (Calliphora): M36(311); M46(613)  centralis Mall. (Clusiosoma): M124(426)  centralis Mall. (Clusiosoma): M124(426)  SPHTM  SPHTM  SPHTM  Amsterdam  SPHTM  M128(274-275)  centralis Mall. (Plethentedigera): M119(195-196)  centralis Mall. (Plethentedigera): M38(402)  centralis Mall. (Thyridula): M24(96); M38(441);  centralis Mall. (Thyridula): M38(402)  certs Curran (Demoticus): M47(653)  certicants Gera, Chyntaina): M129(171-172)  chalcogaster Wied. (Ophyra): M13(666); M58(170);  M56(333): M95(196)  chalura Bez. (Sarcophaga): M39(94-95)  chalura Bez. (Sarcophaga): M39(94-95)  chalura Bez. (Sarcophaga): M39(94-95)  chalura Bez. (Sarcophaga): M121(118);  dheesmanae Mall. (Cleitania): M121(193-200)  cheesmanae Mall. (Cleitania): M121(193-200)  cheesmanae Mall. (Cleitania): M121(119-111)  sheesmanae Mall. (Cleitania): M56(331)  chinensis (Fabr.) (Omnatius): M56(308)  *chrysodami Mall. (Allophylopsis): M36(324)  chrysodami Mall. (Allophylopsis): M36(324)  chrysodami Mall. (Allophylopsis): M36(325);  chrysodami Hendel (Desumontopa): M36(325);  chrysodami Hendel (Desumontopa): M36(335);  chrolista Mall. (Apidos, M68(345-346)  cliffer Mall. (Apidos, M68(345-346)  cliffer Mall. (Apidos, M68(345-346)  cliffer Mall. (Apidos, M68(345-346)  cliffer Mall. (Chaluropia): M67(134-135)  cliffer Mall. (Chaluropia): M67(134-135)  cliffer Mall. (Chaluropia): M67(34-346)  cliffer Mall. (Apidos, M67(35)  differ Mall. (Chaluropia): M67(36)  cliffer Mall. (Apidos, M67(35)  differ Mall. (Apidos, M67(35)  differ Mall. (Apidos, M67(35)  cliffer Mall. (Apidos, M67(35)  differ Mall. (Apidos, M67(35)  cliffer Mall. (Apidos, M67(35)	centralis Mall. (Adrama): M126(247-249)	BM (NH)	BM (NH)	1 BM (NH)	
centralis Mall. (Dichaetomyia): M60(404) centralis Mall. (Piethochaetigera): M119(195-196) centralis Mall. (Piethochaetigera): M119(195-196) centralis Mall. (Thyridatia): M24(96); M38(441); ceres Curran (Steganopsis): M138(133) cervicornis Gerst. (Phytalmia): M122(171-172). chalcogaster Wied. (Ophyra): M13(666); M58(170); M65(333); M95(196) chalcura Bez. (Sarcophaga): M62(269) chalcura Bez. (Sarcophaga): M62(269) chalcura Bez. (Sarcophaga): M112(119)-200) cheesmanae Mall. (Chaetoscatella): M112(190-200) cheesmanae Mall. (Chaetoscatella): M112(190-200) cheesmanae Mall. (Chaetoscatella): M112(10-111) cheesmanae Mall. (Chaetoscatella): M13(261-22) cheresmanae Mall. (Immoneura): M132(21-22) chryselmais (Fabr.) (Ommatius): M56(331) chryselmais (Fabr.) (Ommatius): M56(383) chrota Towns. (Peopoliculai): M36(36) cincta Towns. (Peopoliculai): M69(33) cilierar Mall. (Apilia): M88(345-346) cilipes Macq. (Masicera): M110(358) cincta Towns. (Protomillogramma): M36(335): M69(445) cinctus (Guér.) (Scholastes): M73(222); M98(36); M12(1(23)): M129(73) cinerea Mall. (Chaetoscai): M36(345-346) cinquitat (Mall. (Phophius): M7(227) cinquitats (Fabr.) (Eristalis): M7(227) cinquitats (Fabr.) (Cristalis): M7(227) cinquitats (Fabr.) (Cristalis): M7(227) cinquitats (Fabr.) (Cristalis): M7(227) cinquitats (Fabr.) (Cristalis): M7(227) cinquitats (Fabr.) (Pilinasica): M7(2					2 Malloch, 5 Taylor SPHTM; 4 G. H.
County   C					
Coll.  Coury M  ceres Curran (Steganopsis): M138(133)  ceres curran (Steganopsis): M138(2171-172)  chalcogaster Wied. (Ophyra): M138(666); M58(170); M65(333); M95(196)  chalcura Bez. (Sarcophaga): M62(269)  chalcura Bez. (Sarcophaga): M62(269)  chalcura Bez. (Sarcophaga): M38(94-95)  chalcuran Ball. (Chaeloscatella): M112(110-11)  cheesmanae Mall. (Chaeloscatella): M112(110-11)  cheesmanae Mall. (Chaeloscatella): M112(110-11)  cheesmanae Mall. (Homoneura): M132(21-22)  chinensis (Fabr.) (Ommatius): M56(408)  chrystofaris Bez. (Lonchaea): M43(306)  *chrystofaris Bez. (Lonchaea): M43(306)  *chrystofaris Bez. (Lonchaea): M43(306)  *chrystofaris Bez. (Lonchaeal): M36(334)  chrystofaris Bez. (Dezopollenia): M67(101); M99(75-76)  chrystofaris Bez. (Lonchaeal): M13(36): M106(327)  reliata Mall. (Hyalomyia): M77(139); M72(291)  reliata Mall. (Lisnocephala): M68(0393)  clierura (Rond.) (Hylennia): M110(358)  clierura (Rond.) (Hylennia): M36(335); M36(345)  clierura (Rond.) (Hylennia): M36(341-346)  clierura (Rond.) (Hylennia): M36(335); M36(345)  m12(1(28); M129(73)  cinctus (Gnér.) (Schalastes): M73(222); M98(36); M12(1(28); M129(73)  millen (Aparthaean): M67(134-135)  cinctus (Gnér.) (Schalastes): M73(222); M98(36); M12(1(28); M129(73)  cincus (Gnér.) (Schalastes): M7(227)  cinqualtus (Fabr.) (Eristalis): M7(227)  cinqualtus (Fabr.) (Eristalis): M7(227)  cinqualtus (Fabr.) (Hillosto): M7(227)  cinqualtus (Fabr.) (Hillosto): M7(227)  cinqualtus (Fabr.) (Hillosto): M1(237)  cin	centralis Mall. (Plethochaetigera): M119(195-196)				
ceres Curran (Steganopsis): M138(133) certinac Curran (Demoticus): M17(653) cervicornis Gerst. (Phytalmia): M122(171-172) . hdstogaster Wied. (Ophyra): M13(666); M58(170); hdstogaster Wied. (Ophyra): M62(269) chalcura Bez. (Sarcophaga): M62(269) chalcura Bez. (Sarcophaga): M62(269) chalcura Bez. (Sarcophaga): M62(269) chalcura Bez. (Sarcophaga): M12(110-11) chathamensis Mall. (Allophylopsis): M39(94-95) cheesmanae Mall. (Chaetoscatella): M112(199-200) cheesmanae Mall. (Chaetoscatella): M112(199-20) cheesmanae Mall. (Homoneura): M132(21-22) cheesmanae Mall. (Homoneura): M132(21-22) cheesmanae Mall. (Homoneura): M36(331) chinensis (Fabr.) (Ommatius): M65(311) chinensis (Fabr.) (Ommatius): M65(311) chrystofhrix Bez. (Loctopallenia): M65(311) chrystofhrix Bez. (Dexopollenia): M36(324) chrystofhrix Bez. (Dexopollenia): M36(351) cilitera Mall. (Lispocephala): M60(393) cilitera Mall. (Lispocephala): M60(393) cilitera Mall. (Apiolnosia): M67(134-135) cineta (Guér.) (Scholastes): M73(222): M98(36); M121(128): M120(73) cineta (Guér.) (Scholastes): M73(227) cingulatus (Fabr.) (Helphilus): M7(227) cingulatus (Fabr.) (Mallota): M10(334) cirrhwa Bez. (Lorechapy). M75(481) circlusioda Bez. (Lorechapy). M75(481) circlusioda Bez. (Lorechapy). M75(481) circlusioda Bez. (Lorechapy). M75(481)	M128(274-275)	ļ			
1 Malloch SPHTM;   1 Malloch SPHTM;   1 Malloch SPHTM;   1 Malloch SPHTM;   1 Malloch USNM   2 Malloch SPHTM;   3 Malloch USNM   2 Malloch SPHTM;   3 Malloch USNM	centratis Man. (Trypanea): M83(402) ceres Curran (Steganopsis): M138(133)	C'bury M		1 USNM	
Chalcura Bez. (Sarcophaga): M62(269)   Chalcura Bez. (Dol.) (Pseudepicausta): M121(118); M129(72)   M129(72)   Chesudepicausta): M121(1190-200)   Chesumanae Mall. (Allophylopsis): M39(94-95)   Chesumanae Mall. (Cleitamia): M121(110-111)     BM (NH)	chalcogaster Wied (Onbura): M122(171-172)				1 Malloch SPHTM; 1 Malloch Aust. M 2 Malloch SPHTM;
chathamensis Mall. (Allophylopsis): M39(94-95)         Cbury M         BM (NH)         9 BM (NH)         3 Malloch USNM           cheesmanae Mall. (Cleitamia): M122(110-111)         BM (NH)         BM (NH)         BM (NH)         3 Malloch USNM           cheesmanae Mall. (Limnophora): M56(331)         BM (NH)         BM (NH)         5 BM (NH)         1 Malloch USNM           chinensis (Fabr.) (Ommatius): M56(408)         Choroides Bez. (Lonchaea): M43(306)         BM (NH)         5 BM (NH)         2 Paramonov SPHTM;           chrysofix Bez. (Lochaea): M67(101); M99(75-76)         BM (NH)         SPHTM         1 BM (NH)         2 Paramonov SPHTM;         2 Malloch USNM           chrysofoxis Hendel (Desopollenia): M36(324)         Chrysofoxis Hendel (Desopometopa): M18(336); M106(327)         Amsterdam         CSIRO         1 Malloch USNM           cilicura (Rond.) (Hylemyia): M17(139): M12(291)         CSIRO         1 ? USNM         1 Malloch USNM           cincta (Guér.) (Scholastes): M73(222); M98(36); M108(345-346)         CSIRO         1 Malloch SPHTM;           cincura (Guér.) (Scholastes): M73(222); M98(36); M108(346)         SPHTM         1 Malloch SPHTM;           cinerea Mall. (Analpostoma): M67(105)         CSIRO         CSIRO           cingulatus (Fabr.) (Eristalis): M7(227)         Cingulatus (Fabr.) (Helophilus): M7(227)         Cingulatus (Fabr.) (Mallota): M7(227)         Amsterdam	chalcura Bez. (Sarcophaga): M62(269) chalybea (Dol.) (Pseudepicausta): M121(118);				2 Malloch SPHTM;
chryseps Mall. (Sturmia): M110(356-357) chrysis Mall. (Hyalomyia): M67(95) chrysothrix Bez. (Decopollenia): M36(324) chrysotoxus Hendel (Dacus): M81(256) chrysotoxus Hendel (Dacus): M81(256) chrysotoxus Hendel (Dacus): M18(336); M106(327) †ciliata Mall. (Lispocephala): M60(393) chrysotoxus Hendel (Pacus): M17(139); M72(291) †ciligra Mall. (Apilia): M68(345-346) chrysotoxus Hendel (Pacus): M110(358) chrost General Mall. (Apilia): M68(345-346) chrysotoxus Hendel (Permitter Mall. (Apilia): M68(345-346) chromator Mall. (Protomillogramma): M36(335); M69(445) chromator Mall. (Protomillogramma): M36(335); M121(128): M129(73) chromator Mall. (Apalpostoma): M67(134-135) chromator Mall. (Promosia): M67(134-135) chromator Mall. (Promosia): M67(105) chromator Mall. (Promosia): M67(105) chromator Mall. (Promosia): M67(111) chromator Mall. (Promosia): M7(227) chromator (Palmasica): M7(287) chromator (Palmasica): M7(288) chromato	chathamensis Mall. (Allophylopsis): M39(94–95) cheesmanae Mall. (Chaetoscatella): M112(199–200) cheesmanae Mall. (Cleitamia): M121(110–111)	BM (NH) BM (NH)		9 BM (NH)	
chryseps Mall. (Sturmia): M110(356-357) chrysis Mall. (Hyalomyia): M67(95) chrysothrix Bez. (Decopollenia): M36(324) chrysotoxus Hendel (Dacus): M81(256) chrysotoxus Hendel (Dacus): M81(256) chrysotoxus Hendel (Dacus): M18(336); M106(327) †ciliata Mall. (Lispocephala): M60(393) chrysotoxus Hendel (Pacus): M17(139); M72(291) †ciligra Mall. (Apilia): M68(345-346) chrysotoxus Hendel (Pacus): M110(358) chrost General Mall. (Apilia): M68(345-346) chrysotoxus Hendel (Permitter Mall. (Apilia): M68(345-346) chromator Mall. (Protomillogramma): M36(335); M69(445) chromator Mall. (Protomillogramma): M36(335); M121(128): M129(73) chromator Mall. (Apalpostoma): M67(134-135) chromator Mall. (Promosia): M67(134-135) chromator Mall. (Promosia): M67(105) chromator Mall. (Promosia): M67(105) chromator Mall. (Promosia): M67(111) chromator Mall. (Promosia): M7(227) chromator (Palmasica): M7(287) chromator (Palmasica): M7(288) chromato	cheesmanae Mall. (Homoneura): M132(21-22) cheesmanae Mall. (Limnophora): M56(331) chinensis (Fabr.) (Ommatius): M56(408)	BM (NH) BM (NH)	·	5 BM (NH)	1 Malloch USNM
chryseps Mall. (Hydlomyia): M110(356-357)       BM (NH)         chrysis Mall. (Hydlomyia): M67(95)       BM (NH)         chrysothrix Bez. (Dezopollenia): M36(324)       Chrysothrix Bez. (Dezopollenia): M36(324)         chrysotoxus Hendel (Dacus): M81(256)       ciliala Hendel (Desmometopa): M18(336); M106(327)         ciliciar Mall. (Lispocephala): M60(393)       Chrysotoxus (Rond.) (Hylennia): M17(139); M72(291)         ciliciper Mall. (Apilia): M68(345-346)       Cilipes Maeq. (Mascicera): M110(358)         cilicipes Mall. (Apilia): M68(345-346)       Cilipes Maeq. (Mascicera): M110(358)         cincta Towns. (Protomillogramma): M36(335); M56(451)       M36(335); M36(345)         M121(128): M129(73)       M129(73)         cinerea Mall. (Chaelometopia): M67(134-135)       SPHTM         cingulata Mall. (Formosia): M67(111)       SPHTM         cingulatus (Fabr.) (Eristalis): M7(227)       Cingulatus (Fabr.) (Helophilus): M7(227)         cingulatus (Fabr.) (Pilinasica): M7(227)       Cingulatus (Fabr.) (Pilinasica): M7(227)         cingulatus (Fabr.) (Pilinasica): M7(227)       Cingulatus (Fabr.) (Pilinasica): M7(227)         cingulatus (Fabr.) (Pilinasica): M7(227)       Cingulatus (Fabr.) (Pilinasica): M7(287)         circumstosa de Meij, (Apiochaeta): M110(334)         cirlicial Mag. (Apropara): M43(307)	*chrysame (Walk.) (Amenia): M67(101); M99(75-76)				
cinctus (Guér.) (Scholastes): M73(222); M98(36); M121(128); M129(73) cinerea Mall. (Apalpostoma): M67(134-135) cinerea Mall. (Apalpostoma): M69(443-444) cingulata Mall. (Formosia): M67(105) cingulata (Macq.) (Zosteromyia): M67(111)  cingulatus (Fabr.) (Eristalis): M7(227) cingulatus (Fabr.) (Helophilus): M7(227) cingulatus (Fabr.) (Pilmasica): M7(247) circumsetosa de Meij. (Apiochada): M110(334) cirrhura Bez. (Sarcophaga): M75(481) cirrhura Bez. (Lapechaga): M43(307)			BM (NH)	1 BM (NH)	2 Manoen USNM
cinctus (Guér.) (Scholastes): M73(222); M98(36); M121(128); M129(73) cinerea Mall. (Apalpostoma): M67(134-135) cinerea Mall. (Apalpostoma): M69(443-444) cingulata Mall. (Formosia): M67(105) cingulata (Macq.) (Zosteromyia): M67(111)  cingulatus (Fabr.) (Eristalis): M7(227) cingulatus (Fabr.) (Helophilus): M7(227) cingulatus (Fabr.) (Pilinasica): M7(527) cingulatus (Fabr.) (Pilinasica): M7(5481) cirrhura Bez. (Sarconhaga): M75(481) cirrhura Bez. (Lapedean): M43(307) cirrical Res. (Lapedean): M43(307)	chrysotoxus Hendel (Dacus): M81(256) ciliata Hendel (Desmometopa): M18(336); M106(327) †ciliata Mall. (Lispocephala): M60(393) cilierura (Rond.) (Hylemyia): M17(139); M72(291) țcilifera Mall. (Apilia): M68(345-346) cilipes Macq. (Masicera): M110(358)	Amsterdam CSIRO		1 ? USNM	
cingulata Mall. (Fabr.) (Eristalis): M67(105)  cingulata (Macq.) (Zosteromyia): M67(111)  cingulatus (Fabr.) (Eristalis): M7(227)  cingulatus (Fabr.) (Helophilus): M7(227)  cingulatus (Fabr.) (Mallota): M7(227)  cingulatus (Fabr.) (Mallota): M7(227)  cingulatus (Fabr.) (Pilinasica): M7(227)  cingulatus (Fabr.) (Syrphus): M7(227)  cingulatus (Fabr.) (Syrphus): M7(227)  circumsetosa de Meij. (Apiochaeta): M110(334)  cirrhura Bez. (Sarcophaga): M75(481)  cirrhura Bez. (Lonebaga): M43(307)					1 Malloch USNM
cingulata (Macq.) (Zosteromyia): M67(111)	cinerea Mall. (Apalpostoma): M67(134-135) cinerea Mall. (Chactometopia): M69(443-444) cingulata Mall. (Formosia): M67(105)	CSIRO			
cingulatus (Fabr.) (Mallota): M7(227) cingulatus (Fabr.) (Pilinasica): M7(227) cirgulatus Fabr. (Syrphus): M7(227) circumsetosa de Meij. (Apiochaeta): M110(334) cirrhura Bez. (Sarcophaga): M75(481) cirrhura Bez. (Sarcophaga): M45(907)	cingulata (Macq.) (Zosteromyia): M67(111)  cingulatus (Fabr.) (Eristalis): M7(227)				2 Malloch SPHTM; 2 Malloch USNM
charpennis Mall. (Banacomga). R100(401) Alinsternam charpennis Mall. (Fenwickia): M72 C'bury M 2 C'bury M; 1 F. van Emden	cinqulatus (Fabr.) (Helophilus): M7(227) cinqulatus (Fabr.) (Mallota): M7(227) cinqulatus (Fabr.) (Pilinasica): M7(227) cinqulatus (Fabr.) (Syrphus): M7(227) circumsetosa de Meij. (Apriochaeta): M110(334) cirrhura Bez. (Sarcophaga): M75(481) citricola Bez. (Lonchaea): M43(307) claripennis Mall. (Dichaetomyia): M60(407)	Amsterdam C'bury M		2 C'bury M	1 E van Emden
claripennis Mall. (Limnophora): M65(332) BM (NH) 4 USNM BM (NH)	claripennis Mall. (Limnophora): M65(332)	BM (NH)		4 USNM	
MI19(221-222)	claringnaic Mall (Prochastone) Mal(10)	-			
clarki Mall. (Calliphora): M36(316)  clarki (Hutt.) (Neotachina): M119(243-244)  clarkii (Hutt.) (Tachina): M97(434): M119(243-244)  clathrata Nowicki (Cerosomyia): M119(197)  cleitamina Edw. (Ortaloptera): M124(454)	clarki Mall. (Calliphora): M36(316) clarki (Hutt.) (Neotachina): M119(243-244) clarkii Hutt. (Tachina): M97(434): M119(243-244)	Disnop M.			
clelandi Ferg. (Spaniopsis): M79(274)	clelandi Ferg. (Spaniopsis): M79(274)				4 Malloch USNM

<sup>\*</sup> See also Amenia parva.
† The specimen in USNM has the same data as given for one of the paratypes and may possibly have been intended as such.
‡ The \$\mathcal{G}\$ from Cairns District, noted in the original publication, is labelled "paratype?" by Malloch.

coalescens (Hendel) (Hesoctenia): M121(123) cockaynei (Mill.) (Hyalomyia): M72(309) coeruleothorax Linder (Chrysopilus): M79(276)				1 Malloch USNM
coeruleothorax Linder (Chrysopilus): M79(276) comma Mall. (Semosia): M106(273-275)	BM (NH) CSIRO		2 BM (NH) 2 USNM	1 Curran SPHTM;
communis Mall. (Botanobia): M134(62-63)	SPHTM	SPHTM	1 USNM; 8 SPHTM	1 Malloch BM (NH)
communis Mall. (Discocerina): M106(319-320) compitalis Collin (Atrichopleura): M83(424) complens (Walk.) (Dasyortalis): M57(506); M121(102)	Bishop M		8 BM (NH)	5 Malloch USNM 1 Malloch SPHTM
complens var. fasciata (Curran) (Dasyortalis): M121(103); M129(68) complens var. separata Mall. (Dasyortalis): M121(103) completa Mall. (Pseudepicausta): M82(27); M121(117)	BM (NH) DEI		2 USNM	1 Malloch SPHTM
completa (Mall.) (Scotinosoma): M121(117) completa Mall. (Trypanea): MS3(400-401) compressa Town. (Sumpigaster or Mesembriomintho): M55(315); M67(110)	C'bury M			1 Curran SPHTM
concisa (Walk.) (Diplochorda): M122(177-178) confinis Walk. (Calobata): M110(346) confluens Mall. (Botanobia): M134(63-64) confluens Mall. (Lispocephala): M52(79)	SPHTM Bishop M			1 Malloch Aust. M
conformis (Skuse) (Xenoplatyura): M46(601-602) *confusa Mall. (Formosia): M55(309-310)	Aust. M		9 Aust. M	2 Paramonov, 5 D. J.
confusa Mall. (Plecia): M46(605) confusa Mall. (Trypaneoides): M133(145) confusa Mall. (Xarnuta): M124(440); M126(261)	BM (NH) BM (NH) BM (NH)	BM (NH)		Clark BM (NH); 1 Malloch USNM
conjuncta Mall. (Atrichopleura): M83(424-425) conjuncta Mall. (Dichaetophora): M44(324) conjuncta Hend. (Euprosopia): M45(345); M57(512);	USNM			1 Malloch USNM;
M69(429); M82(8) †conjuncta Mall. (Leucophenga); M19(350) connata (Thoms.) (Rivellia); M45(351); M63(100);	Aust. M		1 USNM	1 Malloch SPHTM 1 Malloch SPHTM
M70(491); M73(221); M121(120) connexa Mall. (Euprosopia): M129(79) connexa Hend. (Rivellia): M121(121)	BM (NH)		3 BM (NH)	1 Malloch Aust. M 1 Malloch SPHTM; 1 Malloch Aust. M
conopsea Duda ( <i>Lasiopleura</i> ): M114(23-24); M128(273)				1 Malloch SPHTM; 2 Malloch Sabrosky
conspicua Mall. (Arrhenomyza): M55(322) conspicua Mall. (Sapromyza): M61(414) contacta Walk. (Piophila): M25(316); M35(8); M74(251)	CSIRO Amsterdam			Coll. 2 Malloch USNM
contraria Walk. (Brea): M121(124)				1 Malloch SPHTM; 25 Malloch USNM
convergens Mall. (Gitonides): M35(7) convergens Mall. (Hopkinsomyia): M106(289-291) ‡convergens Mall. (Oscinis): M116 (340-341) convexa Mall. (Drosophila): M106(303-304) convexa Mall. (Tricimba): M38(444)	SPHTM BM (NH) BM (NH) CSIRO	Bishop M	2 BM (NH) 1 ? USNM 1 BM (NH) 2 USNM;	
convexa Maii. (Tricimoa): M38(444)	OSINO		2 CSIRO	1 Malloch SPHTM
corona Curran (Rutilia): M78(78) costalis Mall. (Achiosoma): M121(130–131) costalis Mall. (Hyalomyia): M55(284); M67(95)	BM (NH) CSIRO			
costalis Walk. (Lamprogaster): M121(141) costalis Walk. (Stilbomyia): M67(102) costata Meig. (Orchista): M58(157) costomaculata (Mall.) (Lasiopleura): M128(270)	Annt W		1 CDIIMM	1 Malloch USNM
costomaculata Mall. (Parahippelates): M18(329-330); M128(270) cothurnata Panzer (Calobata): M110(345)	Aust. M		1 SPHTM	
cothurnata (Big.) (Pseudodiopsis): M117(438) crassa Mall. (Lioscinella): M134(49) crassifemur Mall. (Lispocephala): M52(87) crassifemur Mall. (Merodonta): M128(263-264) crassinervis Mall. (Asteia): M71(232-233) crassinervis Mall. (Ceratomerus): M83(428-429)	SPHTM Bishop M SPHTM C'bury M USNM	i.		1 Malloch Aust. M
crassitarsus Mall. (Chilocryptus): M112(189) cribellata Bez. (Stomatorhinia): M36(334) cribripennis (Bez.) (Epicerella): M53(15-16, 26) crocea Mall. (Perrissina): M119(184-185)	Bishop M SPHTM Cawthron	SPHTM	3 USNM 2 USNM	
crockeri Curran (Homoneura): M133(143) crockeri Curran (Rhabdochaeta): M124(463); M126(228)	San Citron			
crux Bez. (Staurella): M124(443) ctenophora Bez. (Pygophora): M58(160) cucumis French (Dacus): M81(256); M124(412) cucurbitae Coq. (Dacus): M81(257) cupreus Hutt. (Anabarrhynchus): M90(242)				1 Malloch USNM
	1		I	

<sup>\*</sup> The specimen in USNM is labelled a paratype but is not mentioned in the original description.

† Type is labelled L. confluens, as is also the paratype in USNM.

† 12, Blundell's, F.C.T., 23.3.30 (I. M. Mackerras) (USNM). Mislabelled in Malloch collection as a paratype of O. albohalterata (convergens is a peculiarly distinct species, figured by Malloch). This is probably the convergens paratype from Blundell's, 23.iii.30, and Malloch's listing of L. F. Graham as collector was either a complete lapsus, or applied only to the specimen or specimens collected on March 15.

cuprina Wied. (Lucilia): M36(321)				34 Paramonov
curvinervis (Bez.) (Anomoio): M124(449); M126(275) curvinervis Stenhammar (Leptocera): M106(325) curvinervis (Bez.) (Nicholsonia): M53(17-18, 31) curvinervis (Bez.) (Phagocarpus) (Pseudospheniscus): M127(241)	SPHTM			SPHTM
curvipennis Frogg. (Dacus): M81(255) curvipes Hutt. (Coelopa): M101(345) curvipes Latr. (Sphaerocera): M24(85) cyanea (Guér.) (Angitula): M122(170) cyaneomarginala Macq. (Lucilia): M36(320-321). cyclops Mall. (Cleitamia): M121(110). cyclops Mall. (Waterhouseia): M115(261). cygnus Mall. (Senostoma): M114(15) cyprinus (de Meij.) (Cephaloconus): M109(89-90); M115(261): M125(429): M138(145) czernyi Duda (Leptocera): M106(325)	BM (NH) SPHTM SPHTM		2 BM (NH)	1 Malloch SPHTM
dacoides (Walk.) (Achiosoma): M121(130) dactylopivora Mall. (Chaetoleucopsis): M86(216-217)	NSW Dept Agric		1 USNM	
*darwini Mall. (Actia): M55(334); M68(308) dasypleura Mall. (Lasiopleura): M43(303); M128(270)	SPHTM SPHTM	SPHTM		2 Malloch USNM
daveyi Knab & Mall. (Microdon): M1(233-235) deansi Mall. (Apteroscinis): M83(407-408) debeauforti (de Meij.) (Acanthoneura): M124(464) debitis (Hutt.) (Limnohelina): M72(302)	USNM C'bury M		2 USNM 1 USNM	5 Malloch C'bury M;
deceptiva Mall. (Hylemyia): M4(428-429); M17(139); M72(291)	BM (NH)	BM (NH)	1 BM (NH)	1 Malloch USNM 12 Malloch, 1 F. van Emden BM (NH); 17 Malloch USNM; 4 Malloch SPHTM
decipiens Stein (Dichaetomyia): M58(172) decolor Mall. (Lamprogaster): M121(144)	SPHTM			* Manioon SIIIIM
decora Macq. (Duomyia): M57(510) defecta Mall. (Erythronychia): M97(448) defecta Mall. (Ilythea): M25(327-328)	C'bury M SPHTM		1 USNM	2 Wirth as Zeros
deferens Mall. (Calobates): M110(346-348)	BM (NH)		5 USNM;	defectus USNM
delandi Mall. (Cleitamia): M121(111) delicatula Mall. (Prochaetops): M112(186–187) demissa (Hutt.) var. demissa Hutt. (Pollenia): M72(322)	SPHTM Bishop M		27 BM (NH) 3 USNM	4 Malloch USNM
demissa var. minor Mall. (Pollenia): M72(323)	C'bury M		2 USNM (1	
demissa var. cuprea Mall. (Pollenia): M72(323)	USNM (badly damaged)		fragmentary) 2 USNM	
dentipes Macq. (Celetor): M57(506) depressa Mall. (Neotachina): M119(244) depressifrons Mall. (Euprosopia): M129(86–88)	Cawthron BM (NH)	BM (NH)	1 USNM; 6 BM (NH)	1 Malloch Aust. M
desvoidyi Aldrich (Palpostoma): M37(339) desvoidyi Guér. (Rutilia): M37(346-347); M44(332, 334); M55(302-303)			o bii (Nii)	
dichromata Walk. (Sapromyza): M34(21-22) didymoides Hend. (Elassogaster): M121(117) didymus (OstSack.) (Elassogaster): M121(116)				1 Tonnoir USNM
difficilis Mall. (Platytachina): M119(215-216) difficilis (Walk.) (Orthellia): M60(408)	Cawthron		1 USNM	1 Malloch SPHTM 4 Malloch USNM
difformis Brues (Hypocera): M2(433) dilata Mall. (Botanobia): M25(339); M134(58)	SPHTM Bishop M	SPHTM	3 ЅРНТМ	
dimidiata Macq. (Plecia): M46(602) †dimidiata de Meij. (Rivellia): M121(121)				1 Malloch SPHTM; 1 Malloch USNM
dimorpha Mall. (Arthuria): M119(166-167) dimorpha Mall. (Asteia): M112(191-192) dimorpha Mall. (Homoneura): M98(35-36) discatis Walk. (Brea): M121(124)	Bishop M ? Bruxelles		2 USNM 3 USNM	
discalis Mall. (Hyalomyia): M67(95) discifera Hend. (Brea): M121(124) discifera de Meij. (Euxestomoea): M121(106)	SPHTM			
discolor Mall. (Lioscinella): M134(52)  discolor Fabr. (Stomatorhinia): M36(334)	SPHTM	SPHTM	1?SPHTM; 2 USNM	1 Malloch, 2 Austen
				SPHTM
dispar Macq. (Calliphora): M36(312) dispar Macq. (Winthemia): M110(358) dissimilis Mall. (Quadra): M68(343) distincta Tonn. & Mall. (Allophylopsis): M39(98) distincta Kett. (Homoneura): M133(141) distincta Mall. (Pages): M81(950)	CSIRO C'bury M		1 USNM	1 Malloch USNM
distinctus man. (Ducus). Mol(259)	BM (NH)			1 F. van Emden BM (NH)
distinctus Ric. (Ommatius): M56(408-409) distorta (Walk.) (Neosophira): M124(414)				6 Malloch USNM

<sup>\*</sup>The two specimens determined by Malloch in USNM are labelled "paratypes". These are recorded in M68(308) (Sydney, March 1921 and 26:1:1921) and so cannot be true paratypes. The allotype was, however, described in this later paper.

† Specimen in SPHTM determined by Malloch is more in agreement with the description of R. connexa Hendel

	w			
*divergens Mall. (Limnophora): M22(328) diversa Mall. (Homoneura): M133(143) diversa Tonn. & Mall. (Neolimnia): M48(167)	SPHTM BM (NH) Cawthron			3 Malloch USNM
diversa Mall. (Winthemia): M68(348-349) diversifrons de Meij. (Achias): M121(136) †diversipennis Mall. (Perissoneura): M96(207-208)	SPHTM Bishop M		46 Bishop M;	1 Malloch BM (NH)
7' ' 35 11 (0 ' ) 3500(44.0)	C'bury M		15 USNM	
aversipes Mall. (Oscinosoma): MSS(414) doclea (Walk.) (Pognorialis): M69(429); M121(120) doddi Ferg. (Graptomyza): M109(87) doddi Ric. (Promachus): M46(610) doddi Curran (Prosena): M85(131) dohrni Dahl. (Diploneura): M110(331) domestica Linné (Musca): M58(174); M72(305); M65(913)				1 Malloch SPHTM
1130(200)	COIDO			5 Patton, 1 Bezzi, 1 Hill SPHTM
dorsalis Mall. (Apalpus): M55(318) dorsalis Wandolleck (Chonocephalus): M110(339-340) dorsalis Macq. (Prosena): M67(116) dorsalus Collin (Ceratomerus): M83(428)	CSIRO			1 Malloch USNM
‡dorsovittata Mall. (Limnohelina): M72(300)	C'bury M SPHTM	C'bury M	1 C'bury M; 3 USNM 1? CSIRO	2 Malloch DEI
dubia Mall. (Batrachomyia): M128(265) dubia Mall. (Discocerina): M106(320-321) dubia Mall. (Platensina): M124(459) dubia Mall. (Stilbomyella): M108(76) dubia Mall. (Trypanea): M83(401)	BM (NH) SPHTM SPHTM C'bury M		3 USNM	1 F. A. Perkins
dubiosa Tonn. & Mall. (Neolimnia): M48(168)dubiosa Tonn. & Mall. (Poecilohetaerella): M34(25)dubitalis Mall. (Amenia): M37(343); M67(101); M99(76)	Cawthron C'bury M USNM			BM (NH)
dubitalis Mall. (Euprosopia): M121(149)	BM (NH) SPHTM Aust. M	SPHTM	? & USNM	34 D. J. Clark BM (NH)
dubium Mall. (Calcager): M119(175) duplicata Mall. (Parahippelates): M12(621) duplicata (Mall.) (Lasiopleura): M12(621); M128(272) dux Eschscholz (Chrysomyia): M20(639); M72(315)	Cawthron S.A. Mus.			DH (HH)
efferata (Hutt.) (Cerosomyia): M119(198)				1 Malloch USNM
egmonti Hutt. (Peremptor): M97(453-454); M119(205) ¶eidsvoldensis Mall. (Sapromyzosoma): M25(321)	SPHTM		1 SPHTM (headless); 1 USNM	
eidsvoldica Mall. (Lispa): M22(336-337) elegans Macq. (Chrysopasta): M67(105-106)	SPHTM		3 USNM	7 Malloch USNM 3 Malloch, 2 Para monov SPHTM
elegans Mall. (Dichaetomyia): M50(468-469)elegans Tonn. & Mall. (Huttonina): M48(177-178)elevata Fabr. (Paralauxania): M30(32-33); M38(411)	BM (NH) Cawthron		1 BM (NH) 1 USNM	1 Malloch SPHTM Tasmanian spec
elongata Wulp (Lamprogaster): M57(515); M69(432); M121(144)				M38(411) USNM 1 Malloch SPHTM 2 Malloch USNM
elongata Mall. (Limnina): M44(327-328) elongatus Macq. (Stenopogon): M46(608) elstoni Mall. (Oscinis): M116(344)	csiro		1 USNM; 1 SPHTM;	
elzneri (Town.) (Sturmia): M55(330-331) emmesia Mall. (Conioscinella): M128(285)	SPHTM		3 CSIRO 3 SPHTM; 2 USNM	1 Malloch USNM
emmesia Mall. (Cuphocera): M68(318) enderbyi (Hutt.) (Hydrellia): M34(15) **enderleini Hend. (Plagiostenopterina): M121(114); M120(65)	SPHTM			2 Malloch SPHTM
M120(68) enigma Mall. (Drosophila): M35(6) ensifer Bez. (Maenomenus): M53(6) erasa Mall. (Scotinosoma): M121(117-118) erebea Skuse (Plecia): M46(602)	SPHTM SPHTM USNM	SPHTM USNM		
erichsoni Engel (Rutilia): M37(348); M44(333); M55(297)				1 Malloch Aust. M 1 Malloch USNM
erinaceus Hend. (Themarohystrix): M124(422) ††errans Mall. (Drosophila): M106(301); M111(21-22): M112(193-194) erratica Mall. (Coenolispa): M94(194-195)				12 Malloch BM (NH
erratica Mall. (Coenolispa): M94(194–195)	Bishop M		2 USNM; 3 Bishop M	

<sup>\*</sup> The three determined specimens in USNM are wrongly labelled paratypes.

† The paratypes are actually dated November 19, 1930.

‡ The Mt. Arthur paratype should read Dec. 27, not 17, the date being partly obscured by the pin.

‡ In USNM there is a male specimen from Tammin, W.A., 31 Aug. 1926, E. W. Ferguson. Mall och's handwritten label says "Exechopalpus atripes Paratype" but atripes (M67, p. 131, but published as nigripes on p. 132) was based on a single female from Sydney. The labelling appears to be a lapsus on the part of the author, and the specimen is probably the male paratype of E. dubitalis, with which it agrees in data and description.

¶ The whole series consisting of type and two paratypes was found in the Malloch Collection. All are females and all were on the same mount, the type not being identified. The best specimen has been arbitrarily marked "Lectotype" (C.W.S.).

|| Type is labelled L. eidsvoldee

<sup>\*\*</sup>One specimen in SPHTM determined by Malloch seems to be P. aenea Wied,  $\dagger\dagger$  This is a name proposed elsewhere by Malloch for D. similis Lamb.

			3 Malloch, 3 Taylor SPHTM; 2 Malloch
SPHTM		1 USNM	USNM  1 Malloch Aust. M 1 Malloch USNM (no
			locality label) 2 Malloch USNM 3 Malloch USNM
SPHTM BM (NH)		9 BM (NH)	
USNM	USNM	1 USNM	1 Malloch SPHTM; 1 Malloch Bishop M; 2 Malloch Bishop M;
dam			1 Malloch USNM 3 Malloch Bishop M; 2 Malloch USNM
SPHTM C'bury M		1 SPHTM	6 Hill SPHTM
C'bury M		2 USNM	1 F. A. Perkins BM (NH)
JIIII		1 SPHIM	1 Malloch USNM
		2 SPHTM 2 SPHTM	2 Malloch SPHTM
BM (NH)	BM (NH)	17 BM (NH); 1 SPHTM	1 Malloch USNM 2 Malloch SPHTM; 2 Malloch USNM
		5 USNM	7 F. van Emden, 1 F. A. Perkins BM (NH)
USNM		4 USNM	
L o s t SPHTM		1 probable SPHTM; 1 USNM	Cronulla & M25(335) USNM
CSIRO	TIGNAM		1 Malloch USNM
Cawthron	USNM	1 USNM	1 F. van Emden BM (NH)
USNM C'bury M	USNM	3 USNM	1 Malloch SPHTM;
SPHTM	USNM		6 Malloch USNM
		:	
			4 Malloch USNM 3 Malloch USNM; 6 Malloch, 1 Taylor SPHTM
SPHTM		2 USNM	
Aust. M		(1 noaqioss)	2 Malloch USNM
			1 Malloch USNM
USNM			
[			1 Malloch SPHTM; 2 Malloch USNM
	SPHTM BM (NH) BM (NH) USNM  ? Amsterdam  SPHTM C'bury M C'bury M SPHTM  BM (NH) USNM SPHTM  BM (NH) USNM SPHTM  Bishop M CSIRO Bishop M Cawthron  USNM C'bury M  SPHTM	SPHTM BM (NH) BM (NH) USNM  ? Amsterdam  SPHTM C'bury M C'bury M SPHTM  BM (NH) USNM SPHTM  BM (NH) USNM SPHTM Bishop M CSIRO Bishop M Cawthron USNM C'bury M  SPHTM Aust. M	SPHTM BM (NH) BM (NH) USNM  PAmsterdam  SPHTM C'bury M C'bury M SPHTM  BM (NH) USNM  BM (NH) USNM  BM (NH) USNM  BM (NH) USNM SPHTM  Bishop M CSIRO Bishop M Cawthron  USNM  USNM  SPHTM  USNM  SPHTM  BISHOP M Cawthron  USNM  SPHTM  SP

<sup>\*</sup> One specimen in SPHTM determined by Malloch is A. excisa var. flavipalpis.
† There are two specimens in USNM called "paratypes", but neither fits the published data: Solomon Is.,
Tulagi, 10:ii:1935 (R. A. Lever), and Guadalcanal, Lunga, 31:x:1935 (R. A. Lever).
‡ The type carries two labels. One calls it Marquesia femoralis. When originally examined in Malloch's collection the original label bearing the published name was folded up. "Marquesia femoralis Type" was written on

the second label.

§ Malloch gave this name to two species, see descriptions M3S(420) and M44(320). The latter requires renaming. The four determined specimens in USNM are incorrectly labelled paratypes.

filipalpis Macq. (Actina): M45(364) flava (Edw.) (Sophira): M126(257); M124(430-431) flavescens Hend. (Acropyrgota): M53(15) flavibasis Mall. (Heteria): M72(330) flavicans Mall. (Myiospila): M5(237-238)	USNM BM (NH)			1 Malloch USNM 1 Malloch BM (NH);
flavicaudus Mall. (Ommatius): M56(409-410) flaviceps Hend. (Asyntona): M121(122); M129(76)	USNM	USNM	4 USNM	2 Malloch USNM 2 Malloch SPHTM;
*flaviceps (Macq.) (Chlorotachina): M37(353); M55(324)				1 Malloch USNM; 1 Malloch, 2 Para- monov SPHTM; 1 Malloch Aust. M; 8 Malloch USNM
flaviceps Mall. (Incurviseta): M38(405) flaviceps Mall. (Themarohystrix): M124(422-423) flavicollis Ferg. (Graptomyza): M109(87). flavicornis Mall. (Anatropomyia): M67(127) flavicornis Mall. (Apactoneura): M73(223-224)	CSIRO SPHTM		1 USNM	1 Malloch SPHTM
flavicornis Mall. (Anatropomyta): M67(127) flavicornis Mall. (Apactoneura): M73(223-224) flavicornis Mall. (Batrachomyia): M25(336); M128(264)	SPHTM Bishop M SPHTM		1 BM (NH)	
flavicornis Mall. (Fergusonina): M24(92); M86(215) flavicornis Mall. (Lucilia): M36(322)	CSIRO CSIRO (abdomen			1 Malloch SPHTM
flavicornis Mall. (Semisuturia): M37(341) flavifacies Mall. (Bunostoma): M96(219–220)	damaged) USNM Bishop M	Bishop M	4 Bishop M; 3 USNM	
flavifrons Tonn. & Mall. (Achrostichalia): M39(87); M103(199–202) flavifrons (Macq.) (Cylindromyia): M53(291);	Cawthron			1 Malloch SPHTM;
M68(315) flavifrons Mall. (Doddiana): M68(342); M100(137) flavifrons Aldr. (Microcalliphora): M36(326) †flavifrons (Tonn. & Mall.) (Prosopantrum):	SPHTM			4 Malloch USNM  1 Malloch SPHTM 3 Malloch BM (NH)
M103(199-202)  ##################################	USNM SPHTM		1 USNM	1 Malloch USNM
flavinceris Miller (Hilara): M83(427) flavipalpis Mall. (Incurviseta): M38(407)	CSIRO SPHTM	USNM	2 USNM; 1 CSIRO	1 Malloch USNM
flavipennis (Macq.) (Amphibolosia): M68(310-311) flavipennis Macq. (Formosia): M37(350); M55(309)	JIIII	O D I I I I		1 Malloch SPHTM; 1 Malloch USNM
flavipennis Macq. (Lamprogaster): M45(349) flavipennis Mall. (Paralaucania): M38(410-411) flavipes de Meij. (Brea): M121(124) flavipes Mall. (Caviceps): M19(356); M38(442);	CSIRO SPHTM			2 Malloch USNM
M128(275) flavipes B. & B. (Rutilia): M55(306); M67(109) flaviseta Mall. (Conioscinella): M128(286-287)	SPHTM		4 SPHTM;	3 Malloch USNM
flaviseta Mall. (Tricimba): M83(409-410) flavitarsis Tonn. & Mall. (Clasiopa): M34(13) flavitarsis Mall. (Microtropeza): M55(288); M67(100) flavitarsis Mall. (Pseudoleucopis): M24(93);	C'bury M C'bury M Aust. M	USNM	4 USNM	2 Malloch USNM
flavitarsis   Mall.   (Pseudoleucopis):   M24(93);   M70(490)   flavitarsis   (Macq.)   (Pseudorichardia):   M63(100);   M73(222);   M96(206)	SPHTM			Specimen M70(490) USNM
flaviventris Mall. (Microtropeza): M67(101). flaviventris Mall. (Spilogona): M83(379-380) flavoapicalis Mall. (Oscinosoma): M83(411-412)	CSIRO C'bury M USNM	C'bury M	2 USNM 1 USNM	
flavocapitata Mall. (Lioscinella): M134(55) flavocentralis Watt (Agromyza): M38(427) flavodorsalis Mall. (Sapromyza): M38(418) flavofemorata Mall. (Homoneura): M38(420-421)	CSIRO CSIRO	USNM USNM	1 SPHTM	2 Malloch USNM
flavofemorata Mall. (Medinella): M119(236)	C'bury M Aust. M USNM		2 USNM 1 USNM	4 Malloch USNM 2 Malloch USNM
flavohalterata Mall. (Leucophenga): M25(334-335) §flavohirta Mall. (Dichaetomyia): M22(326) flavohirta Mall. (Drosophila): M19(354)	USNM	USNM	3 USNM; 2 SPHTM 6 USNM;	1 Malloch SPHTM
flavohirta Mall. (Lasiocalypter): M67(121) flavohirta Mall. (Macquartia): M119(222) flavohumeralis Mall. (Botanobia): M134(60)	SPHTM C'bury M CSIRO		4 SPHTM 4 USNM 2 USNM	
flavolateralis Mall. (Limnophora): M58(167–168) ¶flavolateralis Mall. (Lioscinella): M134(53)	BM (NH)		7 BM (NH) 1 USNM	2 Mailoch USNM
flavoscutellata Mall. (Hemited): M22(329-380) flavoscutellata Mall. (Hemited): M126(270) flavoscutellata Mall. (Stomosis): M24(88-89) flexinervis Stein (Atherigona): M12(192-193) formosa Mall. (Neothemara): M124(433); M126(255) formosa RD. (Rutilia): M37(347-348); M44(332);	Aust. M BM (NH) SPHTM		4 BM (NH)	
formosa Mall. (Neothemara): M124(433); M126(255) formosa RD. (Rutilia): M37(347-348); M44(332); M55(295)	BM (NH)			4 Malloch USNM; 1 Engel, 12 Para- monov SPHTM; 2 Malloch Aust. M
			35	. DAWNOON TRUNCK DE

<sup>\*</sup> One specimen in SPHTM determined by Malloch is labelled *C. fulviceps* Macq.
† A reference to New Zealand specimens is to be found in a footnote by F. W. Edwards in Malloch, 1933, Diptera
of Patagonia and South Chile (*Brit. Mus. (Nat. His.)*), Part VI, fasc. 4, p. 201.
‡ Although described in an Australian journal, this species is from North Borneo.
§ A \( \times\) paratype in SPHTM (Townsville, G. F. Hill) is not recorded as such by Malloch.
¶ Of the two specimens in USNM one is marked "Type" but they are from Sydney, 23:1:25. The specimens do not agree with the descriptions so are not the types.

	_			
formosa var. subvittata Mall. (Rutilia): M55(295) formosina Curran (Rutilia): M78(78)	Aust. M			
formosipennis (Walk.) (Neothemara): M124(434); M126(254-255)		1		1 Malloch SPHTM; 1 Malloch USNM
frauenfeldi Sch. (Dacus): M81(259); M126(232) frit (Linné) (Oscinella): M128(287-288) frit Linné (Oscinosoma): M83(407)				2 Malloch USNM 1 Malloch SPHTM
*froggatti Mall. (Botanobia): M134(60-61) froggatti Town, (Chlorodexia): M47(653)	CSIRO			10 Malloch USNM
froggatti Town. (Chlorotachina): M55(326) froggatti Bez. (Dacus): M81(257); M124(413); M126(241)				1 Malloch Aust. M 1 Malloch SPHTM
froggatti Tayl. (Sarcophaga): M75(482)	SPHTM	SPHTM		1 Hill, 2 Parker SPHTM; 1 Malloch
frontosa Mall. (Formosia): M55(310-311)	Aust. M	}	1 Aust. M;	USNM
fuliginosa Hend. (Pterogenia): M121(126) fulva (Hutt.) (Allophylopsis): M39(98-99)	İ		1 Vienna	3 Malloch USNM
fulva Mall. (Tapeigaster): M31(553); M69(436) fulvescens Mall. (Australosepsis): M25(314-315); M43(307)	USNM SPHTM		1 USNM 3 SPHTM;	1 Malloch SPHTM 3 Hendel BM (NH)
†fulvescens var. atratula Mall. (Australosepsis): M25(315)	SPHTM	SPHTM	1 USNM 5 SPHTM	2 Malloch USNM
fulvescens Mall. (Dasyrhicnoessa): M109(93-94) fulvescens Mall. (Rivellia): M129(72) fulviceps de Meij. (Achias): M121(134)	SPHTM BM (NH)		1 USNM 1 BM (NH)	
fulviceps Mall. (Paralauxania): M30(33); M38(411)	SPHTM			1 Ferguson SPHTM; 6 Malloch USNM
fulricollis Fabr. (Plecia): M46(604) fulvicoxa Hardy (Calliphora): M84(64-65) fulvifrons (Hutt.) (Tethinosoma): M72(335-336)			2 SPHTM	
fulvipes Hutt. (Cerosomyia): M119(199) fulvipes Mall. (Exechopalpus): M67(132)	SPHTM			4 Malloch USNM 2 Malloch USNM
fulvipes Mall. (Lamprogaster): M121(145) fulvithorax Mall. (Gordonia): M31(554) fulvithorax Mall. (Pectiniseta): M58(163)	SPHTM SPHTM Bishop M		1 DM (NIII)	1 Malloch USNM
fulvofemoralis Mall. (Pogonortalis): M135(205) fulvoventris Meig. (Masicera): M110(357-358)	USNM	USNM	1 BM (NH) 2 Bishop M	
fulvoviridis Mall. (Incurviseta): M38(407) ‡fumicosta Mall. (Dichaetomyia): M58(172)	USNM	USNM	3 BM (NH); 1 USNM	
fumicosta var. hirta Mall. (Dichaetomyia): M58(173) fumicosta var. savaji Mall. (Dichaetomyia): M58(173)	BM (NH) Bishop M		1 BM (NH)	
fumicosta Mall. (Neoeuxesta): M73(218) fumicosta Mall. (Spilogona): M83(380-382) §fumifrons Mall. (Sapromyzosoma): M25(322)	BM (NH) C'bury M	C'bury M	1 USNM	1 Malloch SPHTM
fumosa (Hutt.) (Pollenia): M20(639); M72(321) fumosum (Hutt.) (Pollenia): M20(639) furcata Tonn. & Mall. (Huttonina): M48(175–176);	G 17			5 Malloch USNM
M72(343) furcata Kert. (Monocera): M133(135)	Cawthron		1 USNM	
furcatus Hend. (Achias): M114(14) furcatus Hend. (Achias): M121(136) furcatus Aldr. (Hulsone): M55(224)	CSIRO		1 USNM	
furcatus Aldr. (Hyleorus): M55(334) fusca Mall. (Lispocephala): M52(85) ¶fusca Mall. (Prochaetops): M91(6); M112(182)	Bishop M Bishop M			Specimen M112(182)
fusca (Thoms.) (Rivellia): M121(121); M129(71)	SPHTM	USNM		USNM
fuscicauda Boeticher (Sarcophaga): M75(483) fuscifacies (Walk.) (Euprosopia): M121(151) fuscifrons Mall. (Trigonometopus): M31(550-551);		USNM		4 Parker SPHTM 1 Malloch Aust. M
	USNM SPHTM			
fuscimana Mall. (Notiphila): M25(326-327) fuscipalpis Mall. (Lispa): M58(155) fuscipennis Tonn. & Mall. (Allophylopsis): M39(97-98)	BM (NH) Cawthron			
fuscipes Mall. (Parahippelotes): M18(330)	Aust. M		2 SPHTM; 2 USNM	
fuscipes (Mall.) (Lasiopleura): M18(330); M128(274) fuscipes Mall. (Tricimba): M83(410) fuscipeta Mall. (Liencombala): M53(32)	C'bury M		1 USNM	
fusciseta Mall. (Lispocephala): M52(86) fuscithorax Mall. (Drosophila): M19(353-354) fusciventris Macq. (Actina): M45(364) fuscopricata Mall. (Adrama): M126(249-250)	Bishop M SPHTM			
fuscoanicata Mall (Dioides) · M133(134)	BM (NH)		1 BM (NH)	1 F. van Emden BM (NH)
fuscobrunnea Mall. (Lispocephala): M52(80)	BM (NH) Bishop M			
fuscocostata Mall. (Sapromyza): M25(319) fuscocofacies Mall. (Lispocephala): M52(83) [fuscofemorata Mall. (Calliphora): M36(309-310)	SPHTM Bishop M CSIRO		1 USNM	2 Malloch SPHTM:
	5.2250			?1 D. Aubertin BM (NH)

In CSIRO are three specimens on one pin labelled "Type" and another label "Holotype".

The two determined specimens in USNM are incorrectly labelled paratypes.

The paratype in USNM is the "one fragmentary paratype" from Apia, Samoa (Doane).

One specimen in SPHTM determined by Malloch is labelled Homoneura fuscifrons Mall.

One specimen recorded by Malloch in M112(182) is labelled paratype but is just a subsequently recorded internal paratype but is just a subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently recorded internal paratype but is just as subsequently paratype but is just as subsequently paratype but is just as subsequently paratype but is just as subsequently paratype but is just as subsequently paratype but is just as subsequently paratype but is just as subsequently paratype but is just as subsequently paratype but is just as subsequently paratype but is just as subsequently paratype but is just as subsequently paratype but is just as subsequently paratype but is just as subsequently paratype but is just as subsequently paratype but is just as subsequently paratype specimen.

|| The two specimens identified by Malloch now in SPHTM bear the same data as is given for the type. It is possible that Malloch omitted to write "Type" on the label of the specimen he originally described.

fuscoflava Mall. (Helina): M8(274–275); M11(574); M12(603); M23(42)	BM (NH)			2 Malloch SPHTM 3 Malloch BM (NH)
fuscofrontata Mall. (Conioscinella): M128(283-284) fuscolimbata Mall. (Sapromyza): M30(45)	SPHTM SPHTM	SPHTM	1 USNM 6 SPHTM;	2 Malloch USNM
*fusifacies (Walk.) (Euprosopia): M121(151)			2 USNM	
ganura Bez. (Sarcophaga): M62(270) genalis Mall. (Frontalia): M53(29-30) geniculata Mall. (Altaia): M119(209-210) geniseta Mall. (Australina): M25(323) geniseta Stein (Chaetolispa): M12(606)	SPHTM Cawthron SPHTM	USNM	3 USNM	1 Malloch USNM 2 Malloch USNM
georgei Mall.(Prodiaphania or Senostoma): M55(292); M114(12)	Aust. M		1 Aust. M	1 Malloch SPHTM 2 D. J. Clar BM (NH); 1 Ma loch USNM
yestroi Kert. (Cleitamia): M121(109) plabella Bez. (Fannia): M58(156) nlabra Tonn. & Mall. (Huttonina): M48(177) plauca (Thoms.) (Trypanea): M124(462–463) plauca Thoms. (Trypeta): M124(462)	Cawthron		2 USNM	1 Malloch SPHTM
poniaeformis (Macq.) (Anamastax): M54(114) poniceps Hend. (Dasyortalis): M121(103) pordoni Mall. (Homoneura): M35(13) pourlayi Mall. (Microhystricia): M119(177-178) progracilis Mall. (Chloromerus): M38(432-433);	SPHTM Cawthron		1 USNM	1 Malloch Aust. M 1 Malloch SPHTM
M116(336)	SPHTM		1 USNM	
practits Hend. (Lamprogaster): M121(141) praminum Fall. (Scaptomyza): M96(220) grandis (Dol.) (Antineura): M121(104) pranulosa Mall. (Assuania): M78(69-70) pratiosa de Meij. (Mycodrosophila): M106(286); M111(20)	SPHTM		1 SPHTM	
preyi Mall. (Prosenosoma): M119(189-190) prisea Mall. (Della) (Dellomyaa): M86(333) prisea Mall. (Erythronychia): M97(448-449) prisea Mall. (Limnohelina): M72(299-300) prisea Mall. (Paropsivora): M104(7-8) prisea Mall. (Paropsivora): M194(310-311) prisea Mall. (Truphia): M72(310-311) prisea Mall. (Trupherina): M119(219-220) priseadorsalis Mall. (Sapromyaa): M30(45) priseopileura Mall. (Conioscinella): M128(282) priseopileura Mall. (Lasiopleura): M114(25); M128(272)	C'bury M CSIRO Cawthron C'bury M CSIRO C'bury M USNM SPHTM CSIRO SPHTM	USNM	1 USNM	Specimen recorded i
risescens Beck. (Hecamede): M111(11) rossa Mall. (Chlorops): M78(70); M116(339-340) rossa de Meij. (Homoneura): M61(412) rossa Mall. (Lamprogaster): M121(142) rossa (Mall.) (Oscinis): M116(339-340) rossiseta Beck. (Assuania): M78(69-70) uamae Mall. (Rhabdochaeta): M135(204) uurneyi Mall. (Fergusonina): M86(215-216) uttata Tonn. & Mall. (Trypaneoides): M34(20);	SPHTM BM (NH) USNM SPHTM C'bury M		1 USNM	M128(272) USNM
M71(244) uttipennis Macq. (Epicerella): M53(12) uttipennis Kert. (Loriomyia): M121(113)				1 Mandon Collin
alterata Mall. (Mycodrosophila): M76(331-332); M111(20) undbirschi Hend. (Rhagadolyra): M38(413)	USNM			
astata Mall. (Diarrhegmoides): M124(437–438)	SPHTM		1 USNM fragmentary) 4 USNM	8 Malloch BM (NH
endersoni Mall. (Atherigona): M14(184); M58(158)	BM (NH)		5 BM(NH); 4 USNM	1 Malloch BM (NH
eterocera (Macq.) (Tritaxys): M54(113-114) eterura Thoms. (Trypeta): M124(459-460) ieroglyphica Mall. (Sapromyza): M38(415-416) idaris Hend. (Mesoctenia): M121(123) hilli Patton (Calliphora): M36(309); M84(64)	SPHTM		1 USNM	1 Malloch Aust. M
	SPHTM			1 Malloch, 3 Tayl SPHTM; 14 Ma loch USNM
hilli Mall. (Lispa) iilli Mall. (Lonchaea): M43(306) *hirsuta Mall. (Fenwickia): M72(338)	C'bury M		4 C'bury M :	
tirsuta (de Meij.) (Lasionemopoda) (Sepsis): M25(312-313); M43(307)			4 C'bury M; 4 USNM	1 Malloch SPHTM 5 Malloch USNM

\*\* Specimen in Aust. M is labelled E. fuscifacies. The spelling in M121(151) is incorrect.
† The date on the USNM paratype is 26:11:22. This means Nov. 26, not Feb. 26 as Malloch read it.
‡ Type is labelled S. grisca.
‡ Dr. E. H. Bryan has provided the following information. "This species had been previously described by Grimshaw in the Fauna Hawaiiensis 3 (2): p. 84, 1902, as Sciomyza hawaiiensis. The use of the specific name was a coincidence, for Malloch apparently had not been aware of the previous description. It remained for Dr. D. E. Hardy to point out the synonymy in Proceedings of the Hawaiian Entomological Society, vol. 14 (1): p. 73. Therefore the actual type of this species is in the British Museum, from material collected by Dr. J. C. L. Perkins. It is correctly Homoneura hawaiiensis (Grimshaw)." Malloch's original reference is omitted above. It is Proc. Hawaiian Ent. Soc., vol. 6: 383. Notwithstanding the above, the types of Malloch's name have not been located.

¶ One of the specimens in USNM is identified as Neopollenia hilli.

| Although a holotype exists to which this name is attached the name was not published. The type bearing this name is in reality a paratype of Lispa incerta. See under the latter for further details.

\*\* The date on the specimen marked "Type" is actually Jan. 5-7, 1922.

hirsuta Hend. (Lasioxiria): M121(101) hirta Mall. (Eustacomyia): M67(133-134). hirta Town. (Froggattimyia): M55(323); M104(6). hirta Mall. (Neoerythronychia): M97(450-451). hirta Mall. (Samoaia): M106(275-276). hirtibasis Mall. (Helina): M13(671-672); M23(41) *hirticauda Mall. (Lasiocalypter): M67(120-121). hirticeps Mall. (Erythronychia): M97(446-447). hirticeps Mall. (Geraldia): M68(328). †hirticeps Mall. (Pollenia): M36(318-319); M114(21). hirticeps Mall. (Rutilia): M55(305); M67(109).  hirticornis de Meij. (Drosophila) (Hirtodrosophila): M106(291)	SPHTM Cawthron BM (NH) Aust. M SPHTM Cawthron SPHTM SPHTM Aust. M	BM (NH) USNM USNM (headless)	2 USNM 3 BM (NH) 1 USNM 2 USNM 1 USNM 1 USNM 1 SPHTM; 2 USNM 1 Aust. M	2 Malloch SPHTM  1 Malloch USNM 3 Malloch USNM  2 Malloch USNM; 2 Malloch USNM 1 D. J. Clark BM (NH); 1 Malloch USNM
hirtifemur Mall. (Lispocephala): M52(77) hirtifemur Mall. (Sepsis): M25(314) hirtifemur Mall. (Sepsis): M25(314) hirtimana Mall. (Pygophora): M108(77)  thirtipes Mall. (Botanobia): M134(63) hirtiventris Mall. (Scholastes): M135(208) hirtiventris Mall. (Scholastes): M135(208) hiraoae Mall. (Heterodoxa): M96(213-214) hiraoae Mall. (Heterodoxa): M96(213-214) hiraoae Mall. (Pygophora): M58(161) horni Hend. (Callistomyia): M124(447-448) hortensia (Wied.) (Morellia): M60(408) hortona (Walk.) (Calliphora): M46(613) hortona (Walk.) (Xenocalliphora): M20(639); M72(317)	Bishop M SPHTM ? Lost SPHTM USNM SPHTM Bishop M Bishop M Bishop M Bishop M Bishop M	USNM Bishop M BM (NH)	6 USNM 1 USNM 1 USNM 3 BM (NH)	3 Malloch USNM 2 Malloch USNM  At least 6 Malloch USNM, some as Calliphora, some as
horvathi (Kert.) (Homoneura): M133(142, 144) howei Mall. (Helina): M13(671); M23(41); M55(283) hudsoni (Hutt.) (Allophylopsis): M39(96-97) hudsoni Marshall (Arctoneura): M46(600) hudsoni Mall. (Millerina): M26(140-141); M72(293) humeralis (Hutt.) (Erythronychia): M97(443-444) huttoni Mall. (Evibrissa): M83(386-388) huttoni (Mall.) (Hexamera): M119(178) huttoni Mall. (Limnohelina): M72(296-297)	BM (NH) USNM Cawthron C'bury M		1 USNM	J Xenocalliphora 1 Malloch SPHTM 1 Malloch Aust. M 5 Malloch USNM 4 Malloch USNM 1 D. J. Clark BM (NH)
huttoni Mall. (Oscinosoma): M83(411) huttoni Mall. (Protohystricia): M68(352-353); M97(432-433); M119(178) hyalinata Mall. (Actia): M110(364) hyalipennis Mall. (Campylocera): M53(30-31) hyalipennis Mall. (Chaetopiophila): M43(309); M80(293) hyalipennis Mall. (Euxesta): M96(209-210) hyalipennis Mall. (Isoclusia): M66(200-201) hyalipennis Mall. (Semisuturia): M37(342)	C'bury M USNM BM (NH) USNM SPHTM Bishop M Bishop M BM (NH)	BM (NH)	4 USNM 42 Bishop M; 15 USNM	1 Malloch BM (NH)
hyalipuneta Mall. (Trypaneoides): M61(411) hyalis Mall. (Hyalomyia): M67(96). hydie Sturtevant (Drosophila): M12(616) hypopleuralis Mall. (Helina): M23(43) hypopleuralis Mall. (Myiospila): M22(330-331) hypopygialis Mall. (Drosophila): M106(307-308) iceryae (Williston) (Cryptochaetum): M38(423) illingworthana Bez. (Adapsilia): M53(16-17); M53(31) illingworthi Aldr. (Balioglutum): M23(45-46) illingworthi Mall. (Homoneura): M35(14-15)	Amsterdam USNM SPHTM BM (NH) BM (NH) SPHTM	? BM (NH)	2 USNM 22 BM (NH)	2 Malloch SPHTM 2 Harrison USNM 2 Hardy SPHTM 1 Malloch USNM
illingworthi Aldr. (Metallea): M36(330); M55(283)  illocata Walk. (Anthomyia): M60(390) imitans Mall. (Haplomyza): M104(1-2) imitans Mall. (Heteromeringia): M69(435) imitans Mall. (Rivellia): M73(220) imitatrix Mall. (Aneuria): M72(340-341) imitatrix Mall. (Garicea): M22(383) imitatrix Mall. (Garicea): M21(348-341) imitatrix Mall. (Helina): M17(143-144): M23(41)	SPHTM DEI BM (NH) C'bury M SPHTM SPHTM SPHTM SPHTM Bishop M	BM (NH)	4 USNM 1 BM (NH) 1 USNM 3 USNM 1 USNM 1 USNM	2 Malloch SPHTM; 1 Malloch Aust. M; 13 Malloch USNM 2 Malloch SPHTM
immaculipennis Mall. (Arnomyia): M110(a)(93) immaculipennis Mall. (Prochaetops): M112(186) immaculipennis Frey (Pygophora): M60(395) immaculipes Mall. (Sapromyza): M30(41) ¶immaculiventris Mall. (Homoneura): M133(140) immaculiventris Mall. (Limnophora): M58(166) immigrans Sturt. (Drosophila): M12(617)  * In Malloch's Collection USNM. three other spec	Bishop M SPHTM BM (NH) BM (NH)	BM (NH)	1 USNM 1 BM(NH); 1 USNM	1 Malloch SPHTM; 3 Malloch USNM

<sup>\*</sup> In Malloch's Collection, USNM, three other specimens, 2 3 3 of Jan. and 1 \( \text{Q} of Feb., stood with the two paratypes immediately after the Malloch paratype label, but are not noted in the description, unless perchance the female is the second female paratype.

† The allotype is one of the listed paratypes but was not differentiated by Malloch.

‡ The allotype lies undifferentiated among the paratype series.

§ The two determined specimens in USNM are incorrectly labelled paratypes, as they do not agree with the published data.

¶ The paratype in USNM could be the specimen published as allotype.

impar Stein (Dichaetomyia): M22(327)			-	1 Malloch SPHTM
imperfecta Mal. (Sturmia): M110(353-354) imperfecta Mall. (Trypanea): M83(403)	BM (NH) C'bury M		1 SPHTM	4 Malloch USNM  1 F. A. Perkins
imperialis RD. (Amenia): M37(343); M67(101); M99(75)				BM (NH) 12 Malloch USNM 8 Paramonov
imperialis Guér. (Rutilia): M44(333, 335); M55(297)				SPHTM 1 Malloch Aust. M
impingens (Walk.) (Euprosopia): M121(151) impressa Mall. (Oscinis): M116(342-344)	SPHTM			2 Malloch USNM 1 Malloch SPHTM
*impura (Beck.) (Lioscinella): M134(52) inaequalis Mall. (Cyclopsia): M124(445) incana Meig. (Scaptomyza): M96(219)	BM (NH)			2 Malloch SPHTM
fincerta Mail. (Lispa): M22(337-338)	Presumed SPHTM	Presumed USNM		8 Malloch BM (NH)
incertus Mall. (Dacus): M118(113-115) incidens Curran (Calcageria): M55(342); M119(172-173)	Bishop M		4 USNM	1 Malloch USNM
țincidens var. nuda Mall. (Calcageria): M119(175)			2 USNM; 1 Cawthron	
incisuralis Macq. (Actina): M45(364) incisuralis (Macq.) (Chrysomyia): M36(327)				3 Malloch, 4 Taylor SPHTM; 3 Malloch
inconspicua Tonn. & Mall. (Allophylopsis): M39(95) inconspicua Mall. (Rhamphella): M69(449) inconspicua Mall. (Voriella): M68(336–337);	Cawthron			USNM
M110(361)	SPHTM Bishon M	Distance Mr.		
nnconstans Mall. (Inspocephata): M52(85)	Bishop M SPHTM	Bishop M	4 USNM;	1 Malloch USNM
indistincta Mall. (Lamprogaster): M45(349) indistincta de Meij. (Trypeta): M124(464) inducta Walk. (Lucilia): M92(16)	USNM		6 SPHTM	
inermipes Mall. (Grammicomyia): M110(343-344)	BM (NH)	USNM	1 BM (NH); 1 USNM	
inermis Mall. (Doddiana): M100(138-139)	SPHTM	USNM	1 BM (NH)	2 D. J. Clark BM (NH)
nermis Mall. (Hecamede): M111(12-13)	Bishop M Bishop M	BM (NH)	1 USNM	3 Malloch USNM
infuscata Mall. (Zealandolachina): M119(231) innocua Mall. (Euprosopia): M12(152–153) innocua Mall. (Hirtodrosophila): M10(6(294) inornata Mall. (Drosophila): M12(617) inornata Guér. (Rutilia): M37(347); M44(331); M55(302)	USNM BM (NH) BM (NH) Aust. M	BM (NH)	7 BM (NH) 1 BM (NH) 1 USNM	2 Malloch USNM 3 Engel SPHTM
inscitus Hutt. (Occisor): M119(206) nsignificans Mall. (Cadrema): M83(404-407)	C'bury M	C'bury M	2+1 dam-	1 Malloch Aust. M 1 Malloch USNM 1 Malloch USNM
insignis de Meij. (Acanthoneura): M124(435); M124(464) insignis de Meij. (Cleitamia): M121(110) insignis Stein (Heliographa): M29(508); M58(167) insolita Walk. (Polyara): M124(418)			aged USNM	1 Malloch SPHTM;
instabilis Mall. (Diploneura): M110(330-331)	Bishop M		1 BM (NH)	1 Malloch USNM
insulana Brues (Megaselia): M110(333) Insularis Mall. (Metallea): M36(380-331) Insularis Mall. (Sigaloessa): M76(321-322) Insulicola Mall. (Euprosopia): M129(84-86)	SPHTM USNM BM (NH)	USNM USNM	2 BM (NH)	
intensa Curran (Paliana): M68(345) intermedia Mall. (Microtropeza): M67(100-101)	CSIRO			1 D. J. Clark
[interrupta Bez. (Pseudorichardia): M96(206) nterrupta Mall. (Zealandortalis): M71(243-244) nvalida Mall. (Actia): M68(305) ridescens Mall. (Helina): M9(139); M23(41)	C'bury M SPHTM BM (NH)		1 USNM 3 USNM	1 D. J. Clark BM (NH); 2 Para- monov SPHTM 7 Malloch USNM
rregularis Mall. (Duomyia): M57(509-510)	DEI			BM (NH); 1 Malloch SPHTM; 1 Malloch USNM
	1	Ī	i í	

<sup>\*</sup>One specimen in SPHTM labelled L. impura det. Malloch appears to be L. varidorsata Mall.

† No types bearing this name have been found. Four specimens from Eidsvold, 16.4.24, Bancroft, have been placed under this name in SPHTM but there is no indication of the authority for the identification. Apart from these the following specimens exist to which the name Lispa hilli is attached.

(i) Type & G. F. Hill, Darwin, N.T. SPHTM

(ii) & Paratype, Eidsvold, Q'ld | Both found together in USNM

(iii) & Unlabelled, Eidsvold, Q'ld | Both found together in USNM

These specimens run to L. incerta in Malloch's key (M22(333-35)) and agree with the description. It seems apparent that L. hilli was published as L. incerta and the holotype is specimen (ii) above, and specimen (ii) is the allotype. Specimen (i) is probably one of the paratypes mentioned in the original description, as is also a further unlabelled specimen in SPHTM from Babinda, Q'ld (J. F. Illingworth, collector).

‡ This variety is not listed by Miller 1950 (Catalogue of the Diptera of the New Zealand Sub-Region) and it is possible that the type will still be found in New Zealand.

§ The determined specimen in USNM is wrongly labelled a paratype.

¶ The seven specimens in USNM determined by Malloch have been redetermined by Steyskal as typical P. flavitarsis (Macq.).

tarsis (Macq.).

irregularis Mall. (Giraffomyia): M129(97-98) irregularis Mall. (Psilopa): M106(314-315) irregularis Mall. (Uclesiella): M119(167-168) irrorata Tonn. & Mall. (Hyadina): M34(16-17) irrorata Tonn. & Mall. (Neolimnia): M48(167-168) isolata Mall. (Hina): M60(398) isolata Mall. (Lispa): M58(153) isolata Mall. (Plethochaetigera): M119(193-194) isolata Mall. (Rivellia): M70(492) jarvisi Tryon (Rioxa): M124(435)	BM (NH) Bishop M C'bury M Cawthron Amsterdam BM (NH) C'bury M USNM	USNM	1 BM (NH) 1 USNM 1 USNM 1 USNM 11 BM (NH) 1 USNM	1 Malloch USNM
kaavae Mall. (Rosenwaldia): M112(195-196) kaiteriensis (Miller) (Hilarempis): M83(427) kerteszi de Meij. (Antineura): M121(104) kerteszi Hend. (Cleitamoides): M121(107) kirki Froggatt (Dacus): M81(256) knabi Parker (Sarcophaga): M75(482-483) kochi de Meij. (Laglaisia): M121(112) kumaraensis Miller (Macquartia): M97(436); M97(454) kumaraensis (Miller) (Peremptor): M97(454)	Bishop M			2 Malloch USNM 1 Malloch USNM 1 Malloch USNM 8 Malloch USNM, is part originally determined as vittat
lacteipennis Lamb (Hecamede): M111(12) lacteipennis (Loew) (Milichiella): M18(336); M78(77); M106(326); M111(3) lacteipennis Mall. (Phytomyza): M110(342) lacteiventris Mall. (Milichiella): M78(77-78) lacuans Miller (Chorisops): M45(364) lacustris Mall. (Dichaetomyia): M60(404) lacustris Tonn. & Mall. (Parahyadina): M34(17) laeta Wied. (Atherigona): M58(158) laeta Walk. (Lamprogaster) (Chromatomyia): M12(145)	USNM SPHTM Amsterdam C'bury M		1 USNM	Curran  1 Malloch SPHTM  2 Wirth USNM
M121(145) laeta Guér. (Lamprogaster): M57(516) lagarosia Hend. (Pseudepicausta): M121(118) lamellata Mall. (Zealandotachina): M119(232) lancifer Mall. (Alandomija): M72(309) lancifer Mall. (Sapromyza): M30(41-42) lantanae Froggatt (Agromyza): M38(426) laquei (Hutt.) (Allophylopsis): M39(97) lasiophthalma Mall. (Floggattimyia): M104(6-7) lasiophthalma Mall. (Plimyia): M68(329-330) lasiophthalma Mall. (Tethina): M111(17)	Cawthron C'bury M SPHTM CSIRO SPHTM	USNM		4 Malloch USNM  10 Malloch USNM
lata Mall. (Actia): M68(307) lateralis Mall. (Procissio): M119(204-205). lateralis Kert. (Ptilona): M124(464) lateralis Kert. (Ptilona): M57(513); M121(126) latericia Hend. (Pterogenia): M57(513); M121(126) laticorps Mall. (Protomiltogramma): M69(445-446) laticornis Mall. (Avibrissina): M119(179). laticornis Mall. (Neotachina): M119(243) laticosta (Thoms.) (Homoneura): M59(80):	SPHTM SPHTM Cawthron Cawthron	Bishop M USNM	3 Bishop M; 3 USNM 1 USNM	1 Malloch USNM
M61(413): M133(141) latifascia (Walk.) (Cleilamoides): M121(107) latifrons Mall. (Eucompsomyia): M36(326) latifrons Mall. (Incurvisela): M38(404-405) latifrons Mall. (Incurvisela): M18(404-405) latifrons Mall. (Scaptomyza): M96(221-222); M112(194) latifrons Mall. (Zealandotachina): M119(233) latimana Mall. (Cryptochactum): M38(422) latimana Mall. (Microtropeza): M55(287); M67(100)	SPHTM USNM Bishop M Cawthron SPHTM Aust. M	USNM	1 Bishop M; 2 USNM	4 Paramonov SPHTM
‡latimana Mall. (Spilogona): M83(380)	USNM CSIRO SPHTM USNM	USNM		1 Malloch Aust. M 4 Malloch USNM 2 Malloch SPHTM 1 Malloch USNM 1 Ferguson SPHTM
latividens Walk. (Achias): M121(137)  lativittata Mall. (Drosophila): M12(618) lauta Wied. (Orthellia): M15(513)  lavata Hend. (Rivellia): M73(221) leai Mall. (Helina): M30(49)	Aust. M	USNM	1 USNM	1 Malloch USNM 1 Malloch Aust. M 2 Malloch USNM 1 Bezzi SPHTM 5 Malloch USNM 26 Paramonov, 1 Malloch SPHTM: 7
leonina (Fabr.) (Amenia): M37(344); M55(286); M67(101); M99(74-75)			]	loch SPHTM; ! Malloch USNM

<sup>†</sup> The USNM specimen listed as allotype was labelled paratype by Malloch.

<sup>‡</sup> The collector of the holotype is J. W. Campbell.

<sup>§</sup> Allotype (headless as noted in description) (labelled "paratype" by Malloch) in USNM.

<del>-</del>	ı.			
lepida Curran (Euprosopia): M129(79-81)	-			1 Malloch USNM;
lepida Walk. (Lamprogaster): M45(349); M57(516)				1 Malloch Aust. M 1 Malloch SPHTM:
lepida Guér. (Rutilia); M44(332); M44(335); M55(301); M114(16-17)				5 Malloch USNM 8 Malloch USNM;
lepidofera Mall. (Hyalomyia): $M54(111-112)$ ;	USNM			1 Malloch Aust. M Associated ♀, 7 Mal-
M67(97)			}	loch USNM; 2 Malloch SPHTM
lepidofera Stein (Pygophora): M58(161) leucosticta Bez. (Calliphora): M73(234)				5 Malloch USNM;
leucosticta Sch. (Rutilia): M44(331); M44(334-335);				2 Malloch SPHTM 1 Malloch Aust. M
M55(296); M67(107) leucosticta var. fuscisquama Mall. (Rutilia): M67(107)	CSIRO		1 USNM;	1 Manoon Aust. M
leucosticta (Bez.) (Trypaneoides): M66(203-204)			2 CSIRO	
leucoteles Walk. (Xarnuta): M124(440) leucozona (Fall.) (Thelairia): M67(110)				A Mallant oppress
leveri Mall. (Homoneura): M133(138-139)	BM (NH)		A DM (NTI)	2 Malloch SPHTM; 4 Malloch USNM
levis Hutt. (Asteia): M71(231-232) lichwardti Mall. (Sapromyza): M69(434)	DEI		4 BM (NH)	
liquiriens Wied (Heminirellia)	DEI			2 Malloch SPHTM
limbata Austen (Stomoxys): M58(175) limpida (Hutt.) (Millerina): M26(139-140); M72(293)				2 Malloch USNM
lineata Tonn. & Mall. (Allophylopsis): M39(92) lineata Mall. (Diplotoxa): M83(417)	Cawthron USNM	TICATAG		
lineata de Meij. (Paralimna): M106(313); M111(11) linealatus Wied. (Telostylinus): M110(343)	OSNM	USNM	3 USNM	
littoralis (Hutt.) (Chaetocoelopa): M10(1350) littorea (Hutt.) (Macrocanace) (Milichia): M34(5)				
liturata (Walk.) (Cleitamoides): M121(107) lobata Stein (Pygophora): M10(382)				
lonchifera Hend. (Scholastes): M63(99); M73(222);				1 Malloch SPHTM;   4 Malloch USNM
M196(205–206); M121(129) longicollis Walk. (Angitula): M122(170, 179)				3 Malloch USNM
longicornis Hend. (Cerataulina): M41(102) longicornis Guér. (Dacus): M81(259)				2 Malloch SPHTM
longicornis Mall. (Neogmenia): M67(103)	CSIRO			
longicornis Macq. (Passeromyia): M23(46) *longicornis Mall. (Plagiomyia): M119(171)	Cawthron			1 Malloch SPHTM Okarahia & Mt Arthur
longicornis Ferg. (Spaniopsis): M79(275)				specimens USNM 6 Malloch USNM
longipalpis (Hend.) (Neotoxura): M53(23-24) longipalpis Hend. (Toxura): M53(7)				1 Malloch SPHTM
longipennis Mall. (Trypanea): M83(398-400)	C'bury M		4 USNM	1 F. A. Perkins BM (NH)
longipes Mall. (Plagiomyia): M119(170) longipes (Macq.) (Rhyncodexia): M67(119)	Cawthron			1 Malloch SPHTM 6 Malloch USNM;
longirostris Mall. (Avibrissia): M97(437)	Cawthron			2 Malloch SPHTM
longividens Walk. (Achias): M121(137) loranthi (Froggatt) (Ceratitella): M124(452-453)	SPHTM			
lucifera Dahl. (Puliciphora): M110(339) lupina (Sved.) (Hystricina): M97(433-434)				2 Malloch USNM
lutea Mall. (Cristobalia): M124(448); M126(265) lutea Mall. (Pachylophus): M24(95); M38(428)	BM (NH) SPHTM	:		3 Malloch Sabrosky
luteicornis Mall. (Oscinosoma): M78(64-65);	SPHTM		1 USNM;	Coll
M134(59) luteipennis Bez. (Tapeigaster): M69(436)			1 SPHTM	
luteohirta Mall. (Dichaetomyia): M22(326) luteohirta Mall. (Oscinosoma): M78(65)	SPHTM SPHTM	SPHTM	1 USNM 1 CSIRO	1 Malloch SPHTM
luteola Mall. (Dacus): M81(262)	BM (NH)		Conto	
mackerrasi Mall. (Conioscinella): M128(284)	SPHTM	SPHTM	3 SPHTM; 2 USNM	
macleayi Mall. (Calliphora): M36(310-311)	SPHTM		2 USNM (damaged)	1 D. Aubertin
macrocephala Hend. (Lamprogaster): M121(145)			(ttantagett)	BM (NH); 1 Mal- loch USNM
macronycha Mall. (Maorina): M71(239) macrotegularia Mall. (Euprosopia): M45(345);	C'bury M USNM	USNM	o Tigatar	
M57(512); M69(430) macularis (Walk.) (Paramenia): M44(330); M46(614)	CONM	OSIMI	3 USNM	2 Malloch USNM; 1 Malloch SPHTM
. 111(000), 111(011)				2 Engel, 5 Paramonov SPHTM; 1 Malloch Aust. M; 1 Malloch
				USNM (as P. semi-
macularis Wied. (Pygophora): M60(395) maculifer Mall. (Chloromerus): M38(432)	CSIRO			auriceps)
macader Man. (Combinerals): M58(452) maculifrons (Macq.) (Incurviseta): M25(324); M38(403-404)	COLLO			
maculifrons (Macq.) (Homoneura): M24(83)	C'harre M		0. 1102222	
macuipennis Maii (Bersina): M46(365) maculipennis Hend. (Duomyia): M57(511) maculipennis Bez. (Epicerella): M58(14)	C'bury M		2 USNM	10 Aldrich USNM 1 Malloch USNM
maculipennis Guér. (Euprosopia): M45(346); M46(612); M69(430)	SPHTM			2 Bezzi SPHTM
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<sup>\*</sup> The specimens in USNM were labelled paratypes by Malloch.

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maculipennis Mall. (Honulocnemis): M97(458) maculipennis Mall. (Huttonomyia): M31(552)	USNM SPHTM	USNM		
*maculipennis Mall. (Limployaster). M121(143)	SPHTM			1 Mallack HOMM
maculipennis Macq. (Lamprogaster): M121(143) *maculipennis Mall. (Limnellia): M25(332) maculipennis Macq. (Toxura): M53(8); M53(24) maculithora: Mall. (Sapromyza): M30(43-44); M35(12)	SPHTM		1 USNM	1 Malloch USNM 2 Malloch SPHTM; 2 Malloch USNM
†maculiventris Mall. (Amenia): M55(323) magnicornis Mall. (Pseudoleucopis): M24(93); M70(490)	SPHTM			
magnicornis Mall. (Sapromyza): M30(39)	SPHTM			1 Malloch SPHTM
magnifica Helld. (Supromyza): M121(125) magnifica Mall. (Supromyza): M30(40) magnus Beck. (Prionoscelus): M114(25–26)	SPHTM			1 Tonnoir USNM
major Mall. (Batrachomyia): M38(440-441); M128(264)	CSIRO	,	1 USNM; 1 CSIRO	
major Mall. (Delta) (Deltomyza): M68(334-335) major Mall. (Marquesia): M96(223) major Mall. (Melanina): M38(413); M109(89)	SPHTM Bishop M SPHTM	CSIRO		1 Malloch SPHTM; 2 Malloch USNM
major Mall. (Platytachina): M119(213-215) malaita Curran (Maquilingia): M133(144) malaita Curran (Platensina): M124(458); M126(277)	Cawthron		2 USNM	2 Marioti Opini
malayana Town. (Prosena): M85(132)	DM (MIT)	DAL (MIT)	7 DW (MII)	2 Curran SPHTM
marginalis Mall. (Elassogaster): M129(68-70) marginata (Fall.) (Sphenella): M124(459-460)	BM (NH)	BM (NH)	7 BM (NII)	1 Malloch, 1 Taylor
7 N (m 1 W)			4 7763731	SPHTM; 2 Malloch USNM
marginata Mall. (Tephritis): M83(394-395) marginifrons Bez. (Tapeigaster): M68(436);	C'bury M		1 USNM 1 SPHTM	1 Malloch USNM
M86(217) mariae Mall. (Sapromyza): M35(11)	SPHTM		2 USAM	
marina Mall. (Rivellia): M131(19) maritima Haliday (Fucellia): M25(339–340)	BM (NH)		1 BM (NL)	1 Malloch SPHTM
maritima Haliday (Fucellia): M25(339–340) marquesana Mall. (Asteia): M112(190–191) marquesana Mall. (Melanagromyza): M111(19) marquesana Mall. (Mosillus): M111(13–14)	Bishop M Bishop M Bishop M			2 Malloch USNM
marquesana Mall. (Mostitus): M111(13-14) mastersi Skuse (Ceroplatus): M46(600) mutema Curran (Maquilingia): M133(144)	Dishop M			
meana Mail. (Paroxuna): M118(110)	Bishop M	USNM		2 Malloch SPHTM
megacephala (Fabr.) (Chrysomyia): M33(205); M36(328); M72(315); M73(233); M107(21) megalotis Gerst. (Elaphomyia): M122(180)				2 Hulloon XIIII
megophthalma Mall. (Dichaetomyia): M22(325-326) melanaspis Wied. (Plecia): M46(602-603)	USNM			1 Malloch SPHTM
melanogaster Meig. (Drosophila): M12(617)				8 Malloch SPHTM; 8 Malloch USNM
mclanogaster (Thoms.) (Steganopsis): M24(81-82); M133(132)				1 Tonnoir USNM
melanotus Coq. (Dacus): M81(255) melbournensis (Mall.) (Astiosoma): M76(322) §melbournensis Mall. (Sigaloessa): M38(445);	SPHTM			
M76(322)  meleagris Sch. (Tephritis): M124(460)	SIMIM			
mellea Mall. (Dichaetomyia): M60(406) mesolissa Bez. (Linnophora): M58(165);	Amsterdam			
M65(330-331) mesopleuralis (Beck.) (Lioscinella): M134(53)				12 Malloch USNM
mesopleuralis Mall. (Pseudospheniscus): M124(450);	BM (NH)			and Sabrosky Coll.
M127(242) mestor Walk. (Tachina): M119(211-212)				
metallescens de Meij. (Drosophila) (Lissocephala): M106(289)				
metallica Mall. (Calliphora): M36(317–318) metallica (Hutt.) (Psilopa): M34(12) metatarsata Stein (Lispa): M58(155)				
micans Hutt. (Anabarrhynchus): M90(241)				
micans (Hutt.) (Ectinorrhynchus): M90(241) micans Mall. (Helina): M9(142); M23(42)	BM (NH)			1 Malloch SPHTM
micans Mall. (Helina): M90(142); M23(42). micans Mall. (Helina): M90(142); M23(42). micans Mall. (Rutilia): M55(299); M67(108) microcephalus Hend. (Achias): M12(137) microcepa Mall. (Fergusonina): M18(338); M24(92);	Aust. M		3 Aust. M	2 Malloch USNM
M80(215, 215)	1			1 Malloch USNM
micropalpus Mall. (Rutilia): M55(298); M114(16)	Aust. M		1 Aust. M	1 Malloch, 2 Para- monov SPHTM; 2 D. J. Clark BM (NH); 2 Malloch USNM
micropalpis Mall. (Stomatomyia): M68(321) micropogon Big. (Chrysomyia): M36(328)	SPHTM			2 Malloch, 1 Patton, 2 Hill SPHTM; 8 Malloch USNM
microps Hend. (Toxura): M53(7) miliaeea Hend. (Epicerella): M53(13); M53(26)				2 Bezzi SPHTM
miliaria Hend. (Euprosopia): M45(346): M57(512):				1 Malloch USNM
M121(148–149); M129(78) millepuncta Mall. (Paralimna): M25(325–326)	SPHTM		1 USNM	1 Malloch, 3 Ferguson SPHTM
milleri Tonn. & Mall. (Eulimnia): M48(172-173)	Cawthron		1 USNM	

<sup>\*</sup> Type is dated 25.9.21 not 29.5.21 as stated in the description.
† Quoted as Amenia maculiventris mili, this species is mentioned but no indication of description is given.
† One specimen in SPHTM determined by Malloch appears to be B. contraria Walk.
§ Type bears the name S. melbournii.

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milleri Mall. (Procissio): M119(201-202)mima Town. (Zosteromeigenia): M55(315)	Cawthron		2 USNM	
	Bishop M		2 USNM	
minor Mall. (Calliphora): M36(314-315) minor Mall. (Diplochorda): M122(178-179)	SPHTM		1 USNM	4 Malloch USNM
minor Bez. (Epicerella): M53(15) *minor_Mall. (Erythronychia): M97(444-445)	SPHTM C'bury M			
minor Mall. (Calliphora): M12(192) minor Mall. (Calliphora): M36(314-315) minor Mall. (Diplochorda): M122(178-179) minor Bez. (Epicerella): M53(15) *minor Mall. (Erythronychia): M97(444-445) minor Hend. (Euphranta): M124(443) minor Mall. (Euprosopia): M129(82-84)	BM (NH)	BM (NH)	USNM;	
minor Mall. (Genotrichia): M119(165)	C'bury M	1/14 (1111)	5 BM (NH)	
minor Mall. (Stilbomyia): M67(102-103) minthaphila Collin (Hilarempis): M83(427)	CSIRO		ļ	3 Malloch USNM
minuta Tonn. & Mall. (Allophylopsis): M39(95)	Cawthron BM (NH)	ļ	1 BM (NH)	5 Marioen Chim
minuta Mall. (Leucophenga): M35(2)	SPHTM USNM	USNM	1 DM (MIL)	1 Mallock CDTIMM.
M114(22-23); M114(22-23); Minuta Tonn. & Mall. (Neolimnia): M48(170); minuta Tonn. & Mall. (Poecilohetuerella): M34(26); minuta Mall. (Pygophora): M5(239); M10(383); M58(181): M60(398)	Cawthron	CSINI	1	1 Malloch SPHTM; 2 Malloch USNM
tminuta Tonn. & Mall. (Poecilohetaerella): M34(26) minuta Mall. (Pugonhora): M5(239): M10(383)	C'bury M BM (NH)		1 USNM	
M58(161); M60(396) minutula Mall. (Chlorops): M74(250)	Bishop M			
M58(161); M60(396) minutula Mall. (Chlorops): M74(250) minutula Mall. (Chlorops): M74(250) minutula Mall. (Lioscinella): M134(54-55) mirabilis Guér. (Formosia): M37(350); M55(309).	SPHTM			
†mirabilis Lamb (Pemphigonotus): M116(354)				1 specimen from type
mixta Mall. (Austrodexia): M67(126)	CENTIMA		İ	series, 1 compared cotype SPHTM
m-nigrum Zett. (Desmonetopa): M106(327)	SPHTM		  -	
modesa Man. (Lastocatpytrina): M67(122) modica Hutt. (Procissio): M119(205)	SPHTM		1 USNM	4_Malloch USNM (as
moneta Gerst. (Formosia): M55(309)				Peremptor modica)
monophlebi Skuse (Cryptochaetum): M38(422-423) monstruosa (Hutt.) (Chaetocoelopa): M101(350)				1 Malloch SPHTM
monstruosa (Hutt.) (Chaetocoelopa): M101(350) monstruosa Wulp (Monocera): M133(135) §montana Mall. (Acucera): M68(328)		CSIRO	1 CSIRO;	
montana Hutt. (Procissio): M119(204)		(damaged)	2 USNM	
montanum Mall. (Melanum): M116(352-353) monticola Mall. (Chloropisca): M38(430); M116(354)	SPHTM	Ì	1	
monticola Mall. (Engycera): M111(181–182) monticola Mall. (Philygriola): M111(15–16)	C'bury M Bishop M		1 USNM	
montium de Mei]. (Drosophila): M106(301) multilloides (Walk.) (Pseudepicausta): M121(119)				
multillioides (Walk.) (Pseudepicausta): M121(119) multipunctata Mall. (Epicerella): M53(27-28) multipunctata Mall. (Hexacinia): M124(438-439)	USNM SPHTM		1 USNM 2 USNM (1	1 F. van Emden
¶multisulcata Mall. (Chlorops): M83(420)	C'bury M		fragmentary)   3 C'bury M;	
multisulcatum Mall. (Melanum): M116(352)	SPHTM		19 USNM	'
mumfordi Mall. (Calliphora): M92(15)   mumfordi Mall. (Scaptomyza): M111(22-23);	Bishop M Bishop M		51 Bishop M;	
M112(194) musae Frogg. (Trypeta): M124(435) mutabilis Collin (Dipsomyia): M83(428)			20 USÑM	
**mucetonhaga Mall. (Drosonhila): M19(351)	Aust. M	USNM		
myrmecophila Knab & Mall. (Leptocera) (Limosina): M1(236-237); M44(326) myrmex OstSack. (Diplochorda): M122(176)	USNM			
myrmex OstSack. (Diplochorda): M122(176)				2 Malloch SPHTM; 1 Malloch USNM
narranderae Mall. (Limnophora): M25(340)	SPHTM			0.02442
nasalis Duda (Dasydrosophila): M106(291) nasuta Lamb (Drosophila) (Spinulophila):	ļ			7 Malloch USNM
M106(311); M111(20-21); M112(193) nasuta Mall. (Prochaetops): M112(184-185) nebulifera Mall. (Platyina): M38(436)	Bishop M		3 USNM	r and our courts
nebulifera Mall. (Platyina): M38(436) nelsoni Mall. (Idiohelina): M62(263-264); M72(304)	CSIRÒ SPHTM		1 USNM 2 SPHTM;	1 Malloch USNM
			2 USNM; 3 BM (NH)	
††nelsoni Mall. (Limnohelina): M72(303)	C'bury M	C'bury M	1 C'bury M; 2 USNM	
nelsoni Tonn. & Mall. (Scatella): M34(11) neodaphne var. gamma Mall. (Trypanea): M124(462)	C'bury M BM (NH)		- 0.02110	1 Tonnoir USNM
‡‡neozealandica Mall. (Oscinosoma): M83(414)	C'bury M	į	7 C'bury M ; 8 USNM	
neozealandica Tonn. & Mall. (Parydra): M34(9) neozealandica Tonn. & Mall. (Sapromyza):	C'bury M C'bury M		OOMM	2 F. van Emden
M34(22-23)	5 J	į		BM (NH)
			i	

<sup>\*</sup> USNM has the Queenstown specimen, referred to by Malloch. He labelled it a paratype but it does not seem that it can be regarded as such, since in publication it was questionably referred to E. minor.

† The paratype in USNM is 1922, not 1921.

‡ See also J. R. Malloch, 1931, Ann. Mag. Nat. Hist., Ser. 10, v. 7: 473-75.

§ As the type of this species is also the type specimen of the genus, it would appear that this was retained by Malloch and subsequently lost.

¶ The whole type series has been seen but no allotype was specifically designated by Malloch.

∥ The data on the type reads November 13, 4050 ft., not September 13, 4000 ft.

\*\* The allotype actually bears a paratype label.

† There are slight errors in the published data: Reefton, Jan. 13 (not Jan. 1), and Dun Mt., Jan. 5-7 (not Jan. 6-7).

‡† No specimen in the type series was designated allotype.

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neozealandica Mall. (Teratomyza): M102(113-114)	Cawthron		1 USNM	
neozealandicum Mall. (Melanum): M83(418-419) *neozelandicus Mall. (Protoborborus): M102(262) nicholsoni Mall. (Drosophila): M35(4-5) nicholsoni Mall. (Froggattimyia): M104(5) nicholsoni Mall. (Prosenina): M67(116-117)	C'bury M BM (NH) SPHTM SPHTM	C'bury M C'bury M	(headless) 1 USNM 1 USNM 2 USNM	
	CSIRO	SPHTM	3 CSIRO; 2 USNM	
nicobarensis (Sch.) (Pseudoformosina):	SPHTM			1 Malloch USNM;
nigrescens Stein (Hetina): M13(670–671); M23(41) ingriscanda Aldr. (Metallea): M36(331)	Bishop M DEI		3 BM (NH)	1 Malloch USNM; 1 Malloch SPHTM 4 Malloch USNM 1 Malloch SPHTM
nigriceps Macq. (Orthellia): M15(514)  nigriceps Mall. (Rutilia): M55(306); M67(109)  nigricornis Ender. (Actina): M45(364)	Aust. M		3 Aust. M	10 Malloch USNM; 2 Malloch SPHTM 6 Malloch USNM
nigricornis Thoms. (Prohippelates): M96(216) nigricornis flavus Thoms. (Prohippelates): M134(64) nigricornis (Macq.) (Sapromyza): M45(359) nigricornis Mall. (Semisuturia): M37(341) nigricosta Mall. (Cylindromyia): M68(312-314)	BM (NH)			1 Malloch SPHTM
nigricosta Mall. (Cylindromyia): M68(312-314)	SPHTM (Wings only) DEI CSIRO		2 USNM	
M128(277) nigridorsata Mall. (Limnophora): M65(333);	USNM			
M95(199) nigridorsum Mall. (Aphaniosoma): M24(94)	SPHTM		8 SPHTM;	
nigrifacies Mall. (Achiosoma): M121(131) nigrifacies Mall. (Euphumosia): M107(15-16) ‡nigrifemorata Mall. (Medinella): M119(235-236). nigrifemorata Mall. (Zealandotachina): M119(227). §nigrifemur Mall. (Chloromerus): M38(431-432)	Aust. M Bruxelles C'bury M C'bury M CSIRO	CSIRO	3 USNM 9 USNM 1 USNM;	2 Malloch USNM
nigrifemur Mall. (Millerina): M26(141); M72(293)	USNM		1 CSIRÓ	
nigrifrons Mall. (Drosophila): M106(304-305) nigrifrons (Kert.) (Homoneura): M132(22) nigrifrons Mall. (Xanthocanaee): M18(334) nigrihirta Mall. (Hyalomyia): M54(112); M67(97)	Bishop M SPHTM USNM	BM (NH)	3 BM (NH) 4 SPHTM;	4 Malloch SPHTM
Inigrihirta Mall. (Lasiocalypter): M67(119-120) nigrihirta Mall. (Macquartia): M119(222-223) nigrihirta Mall. (Rutilia): M110(349-350) [Inigrimana Mall. (Botanobia): M134(59) nigrimana Mall. (Paralauxania): M38(411-412)	SPHTM Cawthron BM (NH) CSIRO CSIRO		7 USNM 2 USNM 1 USNM	4 Malloch SPHTM; 3 Malloch USNM 1 Curran SPHTM
nigrimana Mall. (Xenolispa): M12(611)	Aust. M (headless)			2 Malloch USNM
nigriorbitalis Mall. (Linnophora): M17(144) nigripennis de Meij. (Acanthoneura): M124(429-430) nigripennis Hend. (Trypanocentra): M124(428, 430) nigripes Stein (Atherigona): M14(192)	SPHTM			2 Malloch USNM
nigripes Mall. (Dichaetomyia): M60(404) nigripes Mall. (Elassogaster): M129(70) **nigripes Mall. (Exceptonalmus): M67(132)	Amsterdam BM (NH) SPHTM		1 BM (NH)	
nigripes Mall. (Limnohelina): M72(301) nigripes Mall. (Milichiella): M78(77) nigripes Mall. (Pollenia): M72(320) nigripes Curran (Prosena): M67(115); M85(130)	C'bury M SPHTM USNM	USNM	1 C'bury M 1 USNM	2 Malloch SPHTM;
**************************************				1 Malloch USNM 1 Malloch SPHTM; 1 Malloch Sabrosky
nigriseta Bez. (Prochaetops): M91(3) nigriseta (Mall.) (Rhicnoessa): M111(18) †(nigriseta Mall. (Tethina): M18(337); M109(92)	SPHTM			Coll.  1 Malloch SPHTM; 1 Malloch USNM; 1 Malloch BM (NH)
nigrisquama Mall. (Hyalomyia): M54(110); M67(95) nigrisquama Mall. (Pollenia): M72(319-320) nigrita Mall. (Pohrniphora): M25(334) nigrita Mall. (Pollenia): M114(22) nigritella Mall. (Lonchaea): M74(241) nigrithorax Mall. (Anomoea): M124(449) nigrithorax Mall. (Anomoea): M124(449)	Aust. M USNM SPHTM SPHTM BM (NH) SPHTM	ВМ (NH)	? 3 BM (NH)	
migrunorax Mail. (Mycourosophila): M100(284-283)	BM (NH)		tra DM (NH)	

the publication.

<sup>\*</sup> The type is a  $\beta$ , not a Q as stated. The paratype is a  $\beta$  (as stated) and the allotype a Q. † The two paratypes in USNM were labelled as such by Malloch but no paratypes were specifically mentioned in the original description. † The aberrant specimen from Arthur's P. is in USNM, labelled paratype by Malloch but is not so from

<sup>§</sup> USNM has a specimen labelled paratype by Malloch ex Cradle Valley but it is 16 Jan. 1923, not 16 Dec. 1923. ¶ Locality of type specimen is Kosciusko, 11 February 1924 (Nicholson), and not Barrington Tops as stated in the description.

the describton.

|| The CSIRO type comprises two specimens on one pin.

\*\* Type specimen bears the name *E. atripes*.

†† The identified specimen in USNM is from Sydney, Feb. 1925, and is labelled "paratype". The species was described from one specimen from Woolgoolga, published in Oct. 1924, five months before this was collected. The Sydney specimen, which cannot be a paratype, is one of those recorded in M109(92).

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nigrithorax Mall. (Taeniomyia): M60(390) nigrithorax Mall. (Trypanocentra): M124(428–429) nigritula Mall. (Actia): M68(309)	Amsterdam SPHTM SPHTM		2 USNM; 1 SPHTM	2 Campbell SPHTM; 13 F. van Emden
nigriventris Mall. (Acanthoneura): M124(432–433) nigriventris Mall. (Vespivora): M68(347)	SPHTM	CSIRO	1 CSIRO; 1 USNM	BM (NH)
nigroannulata Mall. (Botanobia): M25(338-339); M134(57)	SPHTM		(headless) 1 SPHTM	
nigroannulata Mall. (Oscinosoma): M78(61); M134(48) nigroanicata Mall. (Homoneura): M61(412)	CSIRO Amsterdam			
nigrocaerulea Mall. (Chlorotachina): M55(324-325)	Aust. M			4 D. J. Clark BM (NH)
nigrehalterata Mall. (Chloropsina): M18(333)	SPHTM			1 Malloch Sabrosky Coll.
nigrohalterata Mall. (Helina): M23(41); M23(43). nigrohirta (Mall.) (Botanobia): M78(65); M134(61) *nigrohirta Mall. (Oscinosoma): M78(65); M134(61) nigromaculata Mall. (Amenia): M55(286); M67(102);	SPHTM SPHTM CSIRO	SPHTM CSIRO	SPHTM	
M99(76) nigropolita Mall. (Asetulia): M119(188–189) nigropolita Mall. (Limnophora): M95(198–199) †nigropolita Mall. (Lioscinella): M134(47)	C'bury M Bishop M SPHTM	SPHTM	3 USNM 1 USNM 2 USNM	
nigroscutellata Beck. (Assuania): M78(69) nigroscutellata Mall. (Dohrniphora): M25(334) nigroviolacea (Mall.) (Lioscinella): M78(63);	SPHTM	SILIM	2 OSKM	
M134(46) nigrovittata Mall. (Drosophila): M19(352) nitens Walk. (Rutilia): M44(338); M44(335)	SPHTM			
nitens Mall. (Stilbomyella): M198(3-7-6) nitidifrons Tonn. & Mall. (Scatella): M34(11-12)	SPHTM C'bury M		1 USNM	10 F. van Emden BM (NH); 2 Wirth USNM
nitidifrons var. subvittata Tonn. & Mall. (Scatella): M34(12)	Presumably C'bury M			USINM
nitidithorax Macq. (Actina): M45(364) nitidithorax Mall. (Drosophila): M35(5)	SPHTM SPHTM		1 USNM	1 Malloch USNM
nitidiventris Tonn. & Mall. (Neolimnia): M48(170) nitidiventris Mall. (Pygophora): M60(396) nitidiventris Mall. (Semisuturia): M37(341) nitidula Mall. (Leiomyza): M18(338) nitidula Mall. (Phytomyza): M110(342) niveifasciata Mall. (Leucophenga): M12(614-615). niveitripa Walk. (Rioca?) (Helomyza): M124(464)	Cawthron Amsterdam BM (NH) Aust. M USNM Aust. M		2 USNM	1 Malloch SPHTM 5 A. Collart BM (NH)
noctilux (Walk.) (Pseudoformosina): M116(355-356); M134(64) norma Mall. (Actia): M54(116): M68(307)	USNM			
normalis (Curran) (Hyalomyia): M67(95) normalis Mall. (Miltogramma): M69(443) nosocomiorum Dol. (Lucilia): M36(322); M92(16) notabilis Macq. (Laphria): M46(609)			1 USNM	
notativentris Mall. (Homoneura): M133(142) nouhuusi de Meii. (Brea): M121(124)	BM (NH)			
nouhuysi de Meij. (Brea): M121(124) novae-zealandiae Tonn. & Mall. (Ephydra): M34(8-9) novoguinensis Duda (Drosophila): M106(277) nubecula Hend. (Pterogenia): M57(513); M121(126)	C'bury M		2 USNM	1 Aldrich USNM 1 Malloch SPHTM; 1 Malloch USNM
nubeculosa Mall. (Arnomyia): M63(97-98)	USNM USNM	USNM	1 BM (NH); 2 USNM	1 Zimmerman BM (NH)
M62(262-263); M72(304) nubeculosa Tonn. & Mall. (Scatella); M34(10)	C'bury M		1 USNM	1 Tonnoir USNM
nubila Mall. (Homonewa): M65(322-323) nubilipalpis Mall. (Chlorops): M78(72) nubilipalpis (Mall.) (Oscinis): M78(72); M116(342) §nuda Mall. (Fenwickia): M72(338-339)	USNM			
§nuda Mall. (Fenwickia): M72(338-339) nuda Mall. (Samoaia): M106(277-278) nudarum Mall. (Campylia): M119(240) nudibasis Mall. (Opsidiopsis): M69(439-440)	C'bury M Bishop M C'bury M	USNM	2 USNM	
nudiostis Mail. (Opstaiopts): M09(439-440) nudiseta (Beck.) (Lasiopleura): M12(621); M18(331); M128(274) nudiseta Beck. (Parahippelates): M12(621); M18(331) nudiseta Wulp (Synthesiomyia): M58(174)	SPHTM			2 Malloch SPHTM; 1 Malloch S.A. Mus 2 Malloch Sabrosky Coll. 1 Aldrich SPHTM
oahuae Mall. (Lispocephala): M52(87) obesa Mall. (Zebromyia): M55(321) obliquus Mall. (Dacus): M126(238-240) obliterata Mall. (Anaclysta): M12(602-603) obscura Tonn. & Mall. (Allophylopsis): M39(99). obscura Walk. (Duomyia): M45(351): M57(510-511) obscura (Hutt): (Neglimpia): M45(351)	Bishop M Aust. M BM (NH) Aust. M Cawthron	USNM	1 Aust. M	1 Malloch USNM
obscura (Hutt.) (Neolimnia): M48(166)				

<sup>\*</sup> Allotype and the paratype in SPHTM not recorded in the original description. Their locality labels agree with specimens mentioned in M134(61).

† Error by Malloch in recording two paratypes (now in USNM) as from "Darwin (Palmerston)". Both are clearly labelled as Palmerston North, N.Z., one "ex new swedes, April 1931", the other "ex rotted swedes, 25.3.31", both reared by W. Cottier.

‡ The identified specimen in USNM bears a paratype label. The data on the specimen is "Home, 21.5.23".

§ The USNM allotype is labelled paratype.

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obscurifrons Tonn. & Mall. (Hyadina): M34(16) obscurus Mall. (Dacus): M81(264)	C'bury M BM (NH)		з ву (хи);	
obsoleta Mall. (Drosophila): M12(616) obtusa Mall. (Neotachina): M119(207)	Aust. M Cawthron	USNM	2 USNM 1 USNM	1 Malloch USNM
obtusifrons Thoms. (Sarcophaga): M92(14) occidens Hardy (Atherimorpha): M79(275) occipitalis Mall. (Chlorops): M83(421) occipitalis Mall. (Sarromyza): M30(41); M35(12)	C'bury M SPHTM	C'bury M	4 USNM	4 Malloch USNM  1 Malloch SPHTM;
ocellaris Mall. (Oscinis): M116(346–347) ocellaris Mall. (Samoaia): M106(271–273) ocellaris Mall. (Sapromyza): M38(416)	SPHTM BM (NH) CSIRO		1 SPHTM 3 BM (NH) 5 USNM; 4 CSIRO	6 Malloch USNM
ocellata Tonn. & Mall. (Neolimnia): M48(166–167) ochracea Sch. (Calliphora): M36(308); M46(613)	Cawthron		4 05110	2 Malloch, 1 Taylor SPHTM; 4 Malloch
ochrucea form nigrithorax Mall. (Calliphora):	SPHTM			USNM 6 D. J. Clark
M36(308) ochriventris Mall. (Microtropeza): M55(287–288); M67(100)	CSIRO		2 CSIRO	BM (NH) 1 Paramonov SPHTM; 6 D. J. Clark
*ochroseae Mall. (Dacus): M135(201)	Bishop M	Bishop M	12 Bishop M; 4 USNM	BM (NH)
octopunctata Mall. (Trypaneoides): M61(411-412) oculata Mall. (Cycasia): M135(203)	Amsterdam Bishop M		2 Bishop M; 3 USNM	
opaca Mall. (Delta) (Deltomyza): M68(334)	SPHTM SPHTM		1 CSIRO	1 Malloch SPHTM
ophion OstSack. (Diplochorda): M122(177) opposita (Walk.) (Neactinu): M48(363) . optatura Walk. (Themaroides): M124(464) optica Town. (Anaperistommyia): M80(296) opulenta (Walk.) (Stilbomyella): M108(75) opulenta (Walk.) (Stilbomyella): M17(345); M67(103)				1 Malloch USNM
opulenta (Walk.) (Statoomytaa): M108(7345); M67(103) orasus (Walk.) (Stilbomyta): M119(197)				
torbitalis Mall. (Diplotoxa): M83(417-418) orbitalis Mall. (Lispocenhala): M52(78)	C'bury M Bishop M	C'bury M	1 USNM	
orbitalis Mall. (Plagiostenopterina): M121(114-115) orientalis (Sch.) (Hustricia): M97(431-432)	BM (NH)	BM (NH)	5 BM (NH)	
ornata Mall. (Quadra): M55(320-321) ornaticornis Skuse (Plecia): M46(604) ornatipennis (de Meij.) (Homoneura): M30(46-47);	Aust. M	r		1 Malloch SPHTM
M38(419); M59(65) ornatipennis Mall. (Parahippelates): M12(620)	S.A. Mus			
ornatipennis (Mall.) (Lasiopleura): M12(620); M128(270) ornatissimus Froggatt (Dacus): M81(257)				1 Malloch, 1 compared with type SPHTM
ortalioides Walk. ("Helomyza"): M124(464) orthocephala Bend. (Cleitamia): M121(109)				
orthoneura (Mall.) ( <i>Limnella</i> ): M17(144-145); M44(328) ‡orthoneura Mall. ( <i>Limnophora</i> ): M17(144-145);	SPHTM			3 Malloch USNM
M44(328) oryzac Mall. (Atherigona): M28(117); M60(397)	USNM	USNM	18 USNM	
ostensackeni Kert. (Cleitamia): M121(109)  pachyprocta Nowicki (Hystricia): M97(431-432)				1 Malloch USNM
pachyprocta (Nowicki) (Protohystricia): M55(342) pacifica Mali. (Megaselia): M110(336)	Bishop M			1 Malloch USNM
pacyca Mall. (Winthemia): M110(359) pagdeni Mall. (Daeus): M126(243–245) pahangensis Mall. (Semisuturia): M37(341) pallens Curran (Doddiana): M55(335); M68(342);	BM (ÑH) BM (NH) BM (NH)			
pallens Curran (Doddiana): M55(335); M68(342); M100(137) pallens Curran (Rutilia): M78(78)				1 Malloch SPHTM; 1 Malloch USNM
pallida Mall. (Lispocephala): M52(72) §pallida Mall. (Stomatorhinia): M36(333)	Bishop M			4 Malloch USNM;
	Bishop M			1 Malloch SPHTM; 3 Peris BM (NH)
pallidibasis Mall. (Lispocephala): M52(73) pallidicentralis Mall. (Agromyza): M38(427) pallidihirta Mall. (Austrodexia): M67(126)	SPHTM SPHTM		1 USNM 3 USNM	
pallidior Beck. (Chloromerus): M18(332); M116(336)	)			1 Malloch SPHTM; 6 Malloch USNM and Sabrosky Coll.
pallidipleura Mall. (Lioscinella): M134(52-53) pallidiseta Mall. (Chlorops): M78(71-72)	SPHTM SPHTM			Saurosky Con.
pallidiseta Mall. (Conioscinella): M128(283) pallidiseta (Mall.) (Czernyola) (Tonnoiria): M135(209	SPHTM	XICINIA.		1 Mallant Colored
pallidiseta Mall. (Euhippelates): M24(96-97); M38(436); M128(267) Spallidiseta var. pallines Mall. (Euhippelates):		SPHTM	2 USNM	1 Malloch Sabrosky Coll.
M24(97)	MILLIA	DI ILIM.	2 UBMBI	
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<sup>\*</sup> The actual date on the paratype series from Yigo is ix-15-1937.
† The paratype in USNM is dated Sept. 15 (not October as stated).
‡ The three determined specimens in USNM are wrongly labelled paratypes.
§ Two specimens in USNM determined by Malloch are both from Cairns, N.Q., and collected by Illingworth. As the type and paratype referred to by Malloch have not been located elsewhere, there is a possibility that these may be the two.
¶ The two paratypes in USNM are from Sydney, 15.10.24 and 29.10.24. This is not in agreement with the published data.

pallidiseta (Mall.) (Oscinis): M78(71-72); M116(345) pallidiseta Mall. (Tethina): M109(92-93) pallidiseta Mall. (Tonnoiria): M63(99); M96(215); M135(209)	SPHTM USNM	USNM		
pallidus (Loew) (Prohippelates): M74(245); M96(216) pallidus form bilineatus de Meij. (Prohippelates): M96(216)				
pallipes Mall. (Engycera): M119(182) palmyra Curran (Scholastes): M129(74)	Cawthron			
paloloae Mall. (Lispocephala): M52(88) palpalis de Meij. (Desmometopa): M106(327-328) palpalis Mall. (Maorina): M71(240)	Bishop M			
palpalis Mall. (Maorina): M71(240) papua (Guér.) (Euphumosia): M36(324); M107(12–13)	C'bury M			1 Malloch USNM; 1 Malloch, 4 Taylor
*papuaensis Mall. (Adrama): M123(333); M126(247)	SPHTM		1 USNM; 4 BM(NH)	SPHTM 1 Malloch SPHTM
†papuaensis Mall. (Dacus): M124(412) papuensis Macq. (Lucilia) paradoxa Dol. (Zygaenula): M121(123)	SPHTM	USNM	12312 (1122)	1 D. E. Hardy USNM 14 Malloch USNM
parca Bez. (Paroxyna): M126(228) parceguttata Beck. (Spathulina): M124(456-457) partita Mall. (Clusiosoma): M124(425-426)	SPHTM		1 lost Mal- loch coll	
‡parva Sch. (Amenia): M37(344); M46(614); M55(286)			(label only)	1 Malloch Aust. M; 3 Malloch USNM
parva Mall. (Parahippelates) (Lasiopleura): M48(302-303); M128(273)				
<pre>\$parva var. pallipes Mall. (Lasiopleura): M128(273) parva Mall. (Plagiostenopterina): M82(15); M121(114)</pre>	SPHTM DEI			
parva Mall. (Plecia): M46(606) parva Mall. (Prosena): M67(115); M85(131)	USNM SPHTM	USNM USNM	3 SPHTM; 1 USNM	
parviceps Mall. (Sapromyza): M30(43) parvipuncta Mall. (Platensina): M124(458-459) marvieta Mall. (Actio): M68(308)	SPHTM SPHTM SPHTM		1 USNM	
parviseta Mall. (Actia): M68(308) parviseta Mall. (Doddiana): M68(341); M100(139) parvula Mall. (Phaonia): M6(414-415)	SPHTM BM (NH)		1 BM (NH)	
passifiorae Froggatt (Dacus): M81(255) patula Walk. (Lamprogaster): M121(140) pavida Hutt. (Peremptor): M97(452-453); M119(205) pectinata (Loew) (Pseudoleria): M31(552); M39(86);	13.11 (11.11.)		1 Dir (NII)	4 Malloch USNM
M103(183)				1 Malloch SPHTM
pectoralis Hend. (Pterogenia): M121(126) peculiaris Mall. (Dacus): M126(235) peculiaris Mall. (Hobartia): M67(127-128)	BM (NH) CSIRO	CSIRO		1 Malloch USNM
peculiaris Mail. (Nocticanace): M111(4-5)	Bishop M	Bishop M	12 BM (NH); 2 USNM	1 G. A. K. Marshall BM (NH); 35 Wirth USNM
peeli Mall. (Sarcophaga): M119(190)	Cawthron Cawthron		4 USNM	2 Malloch SPHTM;
pellucens Macq. (Rutilia): M44(332); M44(335); M55(301-302)				4 Malloch USNM 1 Malloch SPHTM
peltata (Aldr.) (Oxysarcodexia): M92(14) peltata Aldr. (Sarcophaga): M75(482); M92(13) penicillata Hend. (Euprosopia): M121(151)			:	1 Malloch USNM
pennata Mall. (Millerina): M26(140); M72(293) pepisalae Froggatt (Dacus): M81(257); M126(242) perdita Mall. (Conioscinella): M128(286)	USNM SPHTM		r comme	
	SPRIM		5 SPHTM; 2 USNM	A TO A CENTRAL
peregrina RD. (Sarcophaga): M75(488). peregrinum Meig. (Euryomma): M17(146). perfuscus Aubertin (Chaetodacus) (Dacus):				4 Hardy SPHTM 2 Malloch SPHTM 6 Malloch USNM;
M94(145-146)  mermunda Harris (Anomoia): M126(275)				9 Malloch Bishop M
pernix (Hutt.) (Huttonophasia): M72(324) perspicax Knab (Gitonides): M19(349)				1 Malloch SPHTM 3 Malloch USNM
perspicuus (Hutt.) (Homaiochems): M97(458)  ¶perthensis Mall. (Homaneelia): M35(15)	SPHTM Bishop M		1 USNM 1 BM (NH)	5 Manoch Colum
peterseni Mall. (Sapromyza): M38(414-415) netiolata Mall. (Wittig): M19(163-164)	USNM	USNM	1 15m (1013)	
phaseoli Coq. (Agromyza): M38(425); M110(340)		USINI		2 Malloch USNM
perspicax Knab (Gitonides): M19(349) perspicaus (Hutti.) (Homalocnemis): M97(458)  ¶perthensis Mall. (Homoneura): M35(15) perturbans Mall. (Magaselia): M110(335) peterseni Mall. (Sapromyza): M38(414-415) petiolata Mall. (Wattia): M119(163-164) phaseoli Coq. (Agromyza): M38(425): M110(340) phaseoli (Coq.) (Melanagromyza): M111(19)  ∏philippinensis Mall. (Plecia): M46(605) philooti Toun. & Mall. (Allowhulonsis): M39(91).	USNM Cawthron		1 USNM	2 Manoon Oppos
philpotti Tonn. & Mall. (Allophylopsis): M39(91) philpotti Tonn. & Mall. (Eulimnia): M48(173) **philpotti Mall. (Protocoelopa): M101(346-347)	Cawthron USNM		2 BM (NH); 10 USNM	
And the second s		<u></u>	TO OSMAL	1

<sup>\*</sup> The paratype in USNM is from Vanimo, New Guinea (Taylor), and was not mentioned in the original description. † The allotype is labelled paratype but this was a common practice with Malloch.

<sup>†</sup> Although Malloch has identified specimens under this name he regarded it as a synonym of Amenia chrysame (see M67(101)).

<sup>§</sup> A specimen with the data published for the type, and agreeing with the description, was found standing with a paratype of parva. Since the holotype of pallipes has not turned up anywhere, it seems likely that this is it, and it has been labelled "Probable type of pallipes; in Mail. Colin. with paratype of parva".

¶ The label of the USNM paratype reads 15 Nov. '24 not '25 as Malloch states. Probably a simple lapsus.

∥ The paratype in USNM is from Zamboanga, not Lamboanga as published.

\*\* Of the paratypes in USNM, three are in fair condition, the rest very poor.

*picata (Hutt.) (Xeneura): M72(339)				1 Malloch USNM; 1 Malloch C'bury M
picta (B. & B.) (Euphasia): M68(326-327) pictifrons Mall. (Upolumyia): M106(280-282) †pictigera Mall. (Sapromyza): M109(88-89) pictipennis Macq. (Aphritis): M1(236) pictipennis (Macq.) (Austrodexia): M67(123-124)	BM (NH) SPHTM	Bishop M	1 BM (NH)	2 Malloch USNM  1 Malloch SPHTM
pilifrons Mall. (Sapromyza): M30(37)	SPHTM			2 Malloch USNM
†pilosa Mall. (Cuphocera): M68(316-318) piscivora Mall. (Milichia): M31(547) plagiata Bez. (Epicerella): M53(11-12); M53(25) platycephala Mall. (Nothoasteia): M115(259-260) platycephala Mall. (Achias): M191(134)	SPHTM SPHTM SPHTM		1 USNM 4 USNM	1 Malloch SPHTM; 3 Malloch USNM 1 Malloch SPHTM
platypalpus Big. (Atopognathus): M122(180) platyplera Hend. (Platensina): M124(458) plebeia Mall. (Actia): M68(310) plebeia Mall. (Calliphora): M36(315)	SPHTM USNM		2 USNM 3 USNM	1 Malloch SPHTM;
\$plebeia Mall (Coelopella): M101(348)	USNM		3 BM(NH); 9 USNM	9 Malloch USNM
plebeia Mall. (Melanina): M38(413) plebeia Mall. (Protomiltogramma): M69(446-447)	SPHTM SPHTM	SPHTM	3 USNM 1 USNM; 1 SPHTM	
plebeia de Meij. (Sepsis): M25(313)				1 Malloch SPHTM; 4 Malloch USNM
¶plebeia Mall. (Tephritis): M83(393-394); M124(461) plebeius Fall. (Demoticus): M55(332)	C'bury M		8 USNM	4 F. A. Perkins BM (NH)
plebia Mall. (Heteria): M72(329-330)	C'bury M	USNM	12 USNM; 1 BM (NH)	
pleuralis Mall. (Brachydeutera): M45(354) pleuralis Mall. (Clusiosoma): M124(427); M126(259)	BM (NH)		2 USNM; 6 BM (NH)	4 Taylor SPHTM
plumifer Ferg. (Graptomyza): M109(87) plumifera Bez. (Rhinomyiobia): M55(316); M110(365) plumiseta Stein (Linnophora): M58(165) plumiseta Mall. (Lispocephala): M52(79) plumiseta Mall. (Sapromyza): M38(414) poecilithorax Mall. (Drosophila): M24(87-88) poeciliventris Mall. (Helina): M9(140); M23(42).	Bishop M CSIRO SPHTM	BW (MI)	T. TOW (MITC)	1 Malloch USNM
poeciliventris Mall. (Leucophenga): M12(614)	BM (NH) Aust. M	BM (NH)	1 BM (NH)	2 Malloch SPHTM; 2 Malloch USNM
polita (Saunders) (Angitulina): M122(179) polita Mall. (Diplotoxa): M74(249) polita Mall. (Hillia): M55(328) polita Mall. (Leucophenga): M12(615) polita Mall. (Sarcophaga): M62(270-272) politella Mall. (Sarcophaga): M62(270-272) politella Mall. (Scinis): M116(348-349) politella Mall. (Rhamphomyia): M83(425-426) politiventris Mall. (Engycera): M119(180-181)  **politiventris var. setosa Mall. (Engycera): M119(181) pollinosa Mall. (Lispocephala): M52(76) ††pollinosa Mall. (Khynchomydaca): M80(48-49)	SPHIM	Hamburg	2 USNM 2 USNM 2 USNM	6 Malloch USNM 1 Malloch SPHTM
pollinosa Mall. (Tricimba): M38(443); M83(409)  polypori Mall. (Drosophila): M19(351) pornia (Walk.) (Rioxa): M124(435) potens (Walk.) (Euprosopia): M121(150) potina Walk. (Rutlia): M55(304) preapicalis (Mall.) (Homoneura): M35(15)	SPHTM Aust. M		1 SPHTM; 1 USNM 1 USNM	2 Malloch USNM 1 Malloch SPHTM 1 Malloch Aust. M 1 Malloch SPHTM;
‡‡preapicalis Mall. (Sapromyzosoma): M25(320)	Lost		3 USNM	3 Malloch USNM
predatoris Mall. (Lioscinella): M134(50)	USNM Lost SPHTM			
prima OstSack. (Euzesta): M96(210) prima Mall. (Proschaeta): M113(95-96) prima (OstSack.) (Pseudeuxesta): M96(210); M121(98); M129(67) prima Tonn. & Mall. (Xenosciomyza): M48(162-163)	DEI Cawthron		1? USNM	1 Malloch SPHTM 2 F. van Emden
princeps (Curran) (Erythronychia) (Procissio): M97(447-448) princeps Macq. (Neosaropogon): M43(300)				BM(NH) 2 Malloch USNM
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<sup>\*</sup> The two specimens recorded in M72(339) are the two identified specimens listed.
† Type is labelled S. pictiger.
‡ The specimen in SPHTM is from Milson I., 10.4.15. An additional label states "Returned with type by Malloch, F. H. Taylor". Presumably the type was returned to Australia but has since been lost.
§ Of the 9 paratypes in USNM, 5 are from Invercargill, 4 from Otago. The allotype is not marked but could be one of the Invercargill specimens.

¶ The Waiho specimens (in USNM) are dated Feb. 24, not Jan. 24.

|| USNM has the two pins, each with a puparium but with no trace of the corresponding insect on the pin above the puparium. One bears Malloch's usual handwritten label "Type". The "type adult" is apparently lost but a "type puparium" remains.

\*\* This variety is not listed by Miller 1950 (Catalogue of the Diptera of the New Zealand Sub-Region) and it is possible that it will still be found in New Zealand.
†† It is apparent from M31(554) that Malloch intended to include this species in his genus Hardyia.
‡‡ In USNM the pin bearing the type label is empty, as is one other pin. Three \$\frac{9}{2}\$ are left which have been labelled paratypes. One of these may be the allotype.

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prisca Ender. (Phytalmia) (Archiphytalmia): M122(172) prodigiosus Collin (Ceratomerus): M83(428) prominens Stein (Pectiniseta): M58(163);				
M65(327-328) prompta (Walk.) (Euxestomoea): M121(106) prosternalis Mall. (Calliphora): M107(19-20) protensa (Walk.) (Euprosopia): M121(150)	Bruxelles			1 Malloch SPHTM
proxima Tonn. & Mall. (Allophylopsis): M39(96). proxima Mall. (Lispocephala): M60(393) proximella Mall. (Sapromyzosoma) (Homoneura):	Cawthron Amsterdam SPHTM			4 Malloch USNM
M25(320) pruinosa Mall. (Euxesta): M96(210-211). pseudelongata Mall. (Lamprogaster): M69(432-433);	Bishop M DEI		2 USNM 1 Aust. M	
M121(139) pseudosetuligera Tonn. & Mall. (Helosciomyza): M48(160)	Cawthron		1 USNM	
psidii (Froggatt) (Dacus): M81(263); M118(115). pubiseta (Kert.) (Homoneura): M44(320); M59(68) puerula Rond. (Leptocera): M106(324-325); M111(23)				2 Malloch USNM
pulchralis Ender. (Colobostroter): M124(418-419) pulchrifrons de Meij. (Oscinis) (Lasiopleura) (Para- hippelates): M78(73)				1 Malloch, 27 E. T. Cresson SPHTM
pulvillata Mall. (Limnophora): M22(328-329) pumicata Wulp (Lamprogaster): M57(516); M121(143)	SPHTM			
pumila Wied. (Lispa): M12(608); M10(384-385); M22(334) nunctatifacies Tonn & Mall (Poecilohetaurus):	C'bury M			2 Malloch USNM 1 F. van Emden
punctatificates Tonn. & Mall. (Poecilohetaurus): M34(24); M38(408) punctatificates Tonn. & Mall. (Poecilohetaerella):	C'bury M		2 USNM	BM (NH) 1 F. van Emden
M34(25) punctatifrons var. obscura Tonn. & Mall. (Poecilo- hetaerella): M34(25)	Presumably C'bury M			BM (NH)
puncticeps Mall. (Chaetolauxania): M61(410) puncticeps Mall. (Clusiosoma): M124(426-427)	Amsterdam SPHTM		2 USNM (almost de-	
*puncticeps Mall. (Metallea): M36(331) puncticeps Mall. (Trypaneoides): M66(205-206)	Bishop M	BM (NH)	stroyed) 1? USNM	1 Malloch SPHTM
†punctifucies Mall. (Euprosopia): M45(346-347); M57(512); M69(430) punctifacies Tonn. & Mall. (Poecilohetaurus):	USNM C'bury M			1 Malloch USNM; 1 Malloch SPHTM
M34(24); M38(408) punctifyons Mall. (Duomyia): M57(510) punctifrons Mall. (Macrostyla): M128(265–266) punctigeru Mall. (Heteria): M72(328) punctidabis (Bez.) (Hemilea): M81(265)	DEI SPHTM C'bury M			
punctipennis Duda (Aprometopis): M114(23) punctipennis (Duda) (Caviceps): M128(275) punctipennis Mall. (Dichaetophora): M44(323-324) punctipennis (de Meij.) (Homoneura): M61(413);	USNM		1 USNM	1 Malloch Sabrosky Coll.
M133(114) punctipennis Wied. (Leptocera): M106(324); M111(23)				1 Malloch SPHTM
punctipentis Wulp. (Paradrosophila) punctiseta Mall. (Sapromyza): M25(317) punctulata (Beck.) (Conioscinella): M128(282)	BM (NH)		2 BM (NH)	1 Malloch USNM 2 Malloch USNM 1 Malloch SPHTM; 2 Malloch USNM
punctulata Hend. (Epicerella): M53(12) punctulatus de Meij. (Achias): M121(137) purpurascens Mall. (Hopkinsella): M74(244)	BM (NH)		9 BM (NH)	
purus Beck. (Chloromerus): M18(332); M38(433) purus form maculifera Mall. (Chloromerus): M38(433)				1 Malloch SPHTM; 2 Malloch USNM 1 Malloch Sabrosky
purus form varians Mall. (Chloromerus): M38(433-434)	SPHTM		1 SPHTM; 1 USNM;	Coll. 6 Malloch Sabrosky Coll.
pusilla Meig. (Agromyza): M24(90) pusilla Macq. (Atheric): M79(274) pusio Wied. (Fannia): M58(156)		·	1 CSIRO	3 Malloch SPHTM
quadrata Mall. (Anomoia): M124(449); M126(275) quadrata (Wied.) (Dichaetomyia): M27(329-330); M58(173)	BM (NH)	BM (NH)		
quadrifera (Walk.) (Themaroides): M124(419); M124(464) quadrilinea Walk. (Lamprogaster): M121(142-143)				1 Malloch SPHTM
†quadrilineatus Mall. (Chilocryptus): M111(27); M112(188)	Bishop M	USNM		
quadrimaculata (Sved.) (Calliphora): M20(640); M46(613); M72(316) quadrinotata Big. (Rhinia): M36(332)				3 Malloch USNM 1 Malloch SPHTM;
quadripunctata Mall. (Formosia): M67(104) quadripunctata Mall. (Sophira): M124(431); M126(255-257)	CSIRO BM (NH)		1 USNM	5 Malloch USNM
M120(255-251) quadriseriata Mall. (Melanina): M38(413)	SPHTM			

<sup>\*</sup> The specimen in SPHTM agrees in data with the type series.
† One specimen in SPHTM determined by Malloch bears the name E. picteifacies Mall.
† The allotype in USNM was labelled paratype by Malloch.

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quadriseriata Mall. (Panurgopsis): M66(211-212) quadriseriata Mall. (Scaptomyza): M112(194-195)	Bishop M Bishop M	Bishop M	2 BM (NH) 2 Bishop M	
quadriseta Mall. (Actia): M114(20)	SPHTM		2 USNM	2 F. van Emden
quadriseta Mall. (Zealandotachina): M119(230-231) quadrisetosus Bez. (Dacus): M81(257) quadristriata Beck. (Lioscinella): M78(64); M134(53-54)	Cawthron		1 USNM	BM (NH)  1 Malloch SPHTM; 9 Malloch USNM
quadrivittata Mall. (Zealandotachina): M119(231-232) queenslandi Ric. (Ommatius): M56(409)	USNM			and Sabrosky Coll.  2 Malloch USNM
radiata Hend. (Rivellia): M121(121) radiaum Linn. (Egle): M23(38): M30(48) ralumensis Ender. (Brea): M121(125) ralumensis Ender. (Mesoctenia): M121(123) rapax Hutt. (Millerina): M72(294) rara (Hutt.) (Helosciomyza): M7(228); M48(158) rara Hutt. (Tetanocera): M7(228) raymenti Curran (Ephydroscinis): M78(60)			2 action or	1 Malloch SPHTM 1 Malloch SPHTM 1 Malloch USNM
*recedens Mall. (Voriella): M68(335-336); M80(298) recta Hutt. (Cerosomyia): M119(199) rectangularis Mall. (Millogramma): M69(443) regalis Guér. (Rutilia): M44(331); M44(334); M55(302)	SPHTM		3 cotypes Aust. M	3 Malloch USNM; 1 Malloch SPHTM;
regalis Mall. (Sapromyza): M30(42) regina Mall. (Helina): M9(138-139); M23(41)	SPHTM BM (NH)		5 BM (NH)	1 Malloch Aust. M 2 Malloch SPHTM; 13 F. M. Snyder USNM
regina Mall. (Leucophenga): M109(90) regina Mall. (Macrostyla): M128(267) regina Mall. (Miltogramma): M69(442-443)	SPHTM SPHTM SPHTM		5 USNM	OBAM
regina Hend. (Naupoda): M57(513); M121(122) regina Mall. (Senostoma): M114(14) regularis Mall. (Giraffomyia): M129(95-96)	SPHTM BM (NH)		1 USNM	2 Malloch SPHTM 1 Malloch USNM
regularis var. perfecta Mall. (Giraffomyia): M129(96-97) repicta Schmitz (Apiochaeta): M110(334) repleta Woll. (Drosophila): M12(616) reticulatus (Dol.) (Amphicyphus): M31(550) rez Mall. (Millogramma): M69(442) rhinoceros de Meij. (Monocera): M133(135) rhinoceros var. nigrimana Mall. (Monocera):	BM (NH)  Aust. M	,		1 Malloch SPHTM 1 Malloch USNM
M61(410)  **Rodocera Bez. (Hemipyrellia): M73(237)  **rhynchura Bez. (Sarcophaga): M75(481-482)  **rigidiseta (Stein) (Dichaetomyia): M22(323)	Amsterdam			2 Malloch Hamburg 1 Malloch USNM 1 Malloch SPHTM; 2 Malloch USNM
rigidum (Walk.) (Euthyplatystoma): M121(153) riparia Mall. (Sapromyza): M35(9-10) rivelloides OstSack. (Cleitamia): M121(110) robusta Mall. (Eutanoinia): M134(60) robusta Mall. (Calliphora): M36(313) robusta Mall. (Cerodonia): M24(90). robusta Mall. (Gerodonia): M36(330) robusta Bdir. (Metallea): M36(330) robusta Bez. (Neotoxura): M53(8, 23) rosederi Kert. (Cleitamia): M121(110) rostrata RD. (Peronia): M31(554)	SPHTM CSIRO SPHTM SPHTM SPHTM		1 USNM 1 USNM	1 Malloch SPHTM;
rothschildi Austen (Achias): M121(137) rotundata Meig. (Gymnosoma): M54(112) rubricarinata (Macq.) (Austrodexia): M26(124); M67(124)				24 Malloch USNM  1 Malloch SPHTM; 5 Malloch USNM;
rubriceps Macq. (Metoponia): M45(365)				series Aldrich USNM 3 Malloch, 2 Bezzi USNM
rufa Macq. (Acinia): M124(460) rufa (Stein) (Dichaetomyia): M22(326); M58(171); M60(405); M107(7) rufescens Duda (Lasiopleura): M114(24); M128(272)				3 Malloch SPHTM; 11 Malloch USNM 2 Malloch Sabrosky Coll.
rufibasis Mall. (Lispocephala): M52(84) rufibasis Mall. (Rivellia): M129(72); M121(121)	Bishop M SPHTM		1 USNM;	Con.
ruficauda Hend. (Colobostrella): M124(446) ruficeps Macq. (Urophora): M124(460) ruficornis Mall. (Anaclysta): M12(602) ruficornis Macq. (Microtropeza): M55(323) ruficornis Macq. (Rutilia): M46(616-617); M55(306); M67(109)	Aust. M	Aust. M	2 BM (NH) 4 USNM	1 Malloch SPHTM; 1 Malloch Aust. M;
ruficornis vat. cupreiventris Mall. (Rutilia): M114(18) rufifacies (Macq.) (Chrysomyia): M20(639); M73(234) rufifemur Mall. (Exechopalpus): M67(181) rufipalpis Macq. (Exechopalpus): M67(130) rufipes Macq. (Calliphora): M84(66) rufipes Hend. (Lamprogaster): M121(143)	SPHTM SPHTM		2 USNM 3 USNM	7 Malloch USNM 2 Malloch SPHTM
rufipes Meig. (Megaselia) (Apiochaeta)				2 Malloch SPHTM

<sup>\*</sup> This should read Voriella uniseta (see M80, p. 298).

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rufithorax Mall. (Adrama): M126(249) rufithorax Tonn. & Mall. (Allophylopsis): M39(92) rufiventris Hend. (Euprosopia): M121(148) rufiventris Macq. (Hyalomyia): M54(109-110)	BM (NH) Cawthron		1. BM (NH)	
rufiventris Mall. (Macropia) (Anaperistommyia):     M68(322-323)	SPHTM	USNM		
rufiventris (Macq.) (Minettia): M61(413) rufolateralis Mall. (Pygidia): M68(331) rufifrons Thoms. (Rhytidortalis): M121(106)	CSIRO			
rugosa Mall. (Thyridula): M31(546); M38(441); M128(274)	USNM			
rugosifrons Bez. (Lonchaea): M43(306) ruralis Meig. (Voria): M68(319)				2 Malloch SPHTM; 5 Malloch USNM
russelli Mall. (Homoneura): M133(140)	BM (NH)		4 BM (NH)	5 Manoen USINM
sacra (Fabr.) (Calliphora): M20(640); M46(613); M72(316)	Dishon M		1 DM (MIII)	
*sapineae Mall. (Megaseta): M110(334-335) samoaensis Mall. (Atherigona): M58(159) samoaensis Mall. (Cadrema): M74(246)	Bishop M BM (NH) Bishop M	BM (NH)	1 BM (NH)	
M12(310) **safurcae Mall. (Megaselia): M110(334-335) *samoaensis Mall. (4therigona): M58(159) *samoaensis Mall. (Cadrema): M74(246) *samoaensis Mall. (Compsilura): M110(360) *samoaensis Mall. (Isoclusia): M66(200) *samoaensis Mall. (Isoclusia): M66(200) *samoaensis Mall. (Isoclusia): M66(200) *samoaensis Mall. (Isoclusia): M73(230)	BM (NH) Bishop M	!	1 BM (NH) 1 BM (NH)	
samoaensis Mall. (Plagiostenopterina): M73(230). samoaensis Mall. (Plagiostenopterina): M73(230). samoaensis Mall. (Trypaneoides): M166(204-205). samoaensis Mall. (Zygothrica): M106(278-279). sauteri Bruce (Megaselia): M110(337). sauteri Ender. (Prototephritis) (Tephritis): M124(459).	Bishop M Bishop M BM (NH)	Bishop M	5 BM (NH)	
sauteri Brucs (Megaselia): M110(337) sauteri Ender. (Prototephritis) (Tephritis): M124(459) savaiiensis Mall. (Rutilia): M110(350-351)	BM (NH)	Bishop M	1 USNM;	
scalaris (Loew) (Megaselia) (Phora): M110(334)	DM (NII)	ызнор м	1 BM (NH)	
scapularis (Wied.) (Laphria): M46(609) scatophaga Mall. (Euprosopia): M69(431); M82(7) schineri Hend. (Poecilohetaurus): M24(84-85); M34(23); M38(408) sciomyzina Sch. (Sapromyza): M25(319); M34(21);	SPHTM		2 USNM	1 Malloch SPHTM; 6 Malloch USNM
M35(12)				2 Malloch SPHTM
scripta Mall. (Paralauxania): M38(411) scutellaris Beck. (Chloromerus): M116(336) scutellaris Beck. (Chlorops): M78(70-71) scutellaris Bez. (Dacus): M81(257) †scutellaris Tonn. & Mall. (Huttonina): M48(176-177)	CSIRO			
**scutellaris Tonn. & Mall. (Huttonina): M48(176–177) **scutellata (Hutt.) (Allophylopsis): M39(93)	Cawthron		1 USNM	
scutellata (Hutt.) (Allophylopsis): M39(93) scutellata Mall. (Chaetopiophila): M80(293)  scutellata Mall. (Delta) (Deltomyza): M68(334)	USNM SPHTM	CSIRO	1 SPHTM; 1 CSIRO;	
scutellata Mall. (Euphranta): M124(443); M126(252) scutellata Mall. (Fergusonina): M24(92); M86(215)	BM (NH.) CSIRO		1 USNM	
scutellata (Hutt.) (Huttonomyia) (Helomyza): M7(227) scutellata Mall. (Leucophenga): M12(614) ‡scutellata Mall. (Maorina): M71(240–241)	Aust. M C'bury M		1 USNM	8 Malloch USNM 2 A. Collart BM (NH) 2 Malloch USNM; 2 Malloch C'bury M
scutellata Mall. (Tricimba): M25(337–338); M38(444); M83(409)	SPHTM			
secundus Mall. (Pachylopus): M48(429) selecta Walk. (Adrama): M123(334)	SPHTM		2 SPHTM; 2 USNM	10 Malloch Sabrosky Coll.
semiatra Mall. (Lioscinella): M134(54) semibrunnea Mall. (Trigonometopus): M66(212-213) semifasciata Mall. (Euxesta): M73(216); M96(209);	SPHTM BM (NH) BM (NH)		1 SPHTM 2 BM (NH)	
M121(98) semifumosa Mall. (Dichaetomyia): M60(403) semifusca Mall. (Clusiosoma): M31(548); M124(425) semimetallica Mall. (Eucompsomyia): M36(325)	Amsterdam USNM	USNM	1 USNM	2 Malloch SPHTM
seminigra Duda (Hirtodrosophila): M106(292-293) seminitida Mall. (Lispocephala): M52(78). semirufa Mall. (Sturmia): M68(351-352) §semiruitata Mall. (Neohelina): M21(415); M22(329)	Bishop M CSIRO Aust, M		1 USNM	
sensua (Curran) (Hyalomyia): M67(98) seolforalis Miller (Huttonella): M45(362) separata Hend. (Euprosopia): M45(344-345);		,		1 Malloch 1 Aldrich
M57(512); M82(8)  sepsoides Walk. (Elassogaster): M45(351-352);				1 Malloch, 1 Aldrich SPHTM; 2 Malloch, 1 Aldrich USNM 1 Malloch SPHTM
M121(115-116) septemnotata Mall. (Pseudacanthoneura):	SPHTM		1 USNM	
M124(434-435) septempunctata Mall. (Scatella): M111(8); M112(200)	Bishop M		2 USNM; 2 Bishop M	2 Wirth USNM
serena Meig. (Pyrellia): M23(46) seriata Mail. (Oscinis): M116(342)	SPHTM		1 SPHTM	
sericariae ('ornalia (Sturmiu) : M110(356, 358) sericata (Meig.) (Lucilia) : M36(321)				1 Malloch, 112 Para- monov SPHTM
serrata Mall. (Drosophila): M35(6) serratula Mall. (Dasyrhicnoessa): M109(94) sessilis Mall. (Vattia): M119(164) ¶setibasis Mall. (Vorina): M68(321-322)	SPHTM SPHTM C'bury M SPHTM	USNM		
* The label on the true is Cames Correii Calai	Inc. D. T. D.	Tn 00	W 94 This is	not in agreement with

<sup>\*</sup> The label on the type is Samoa, Savaii, Salailua, E. J. Bryan, Jr., 23-V-24. This is not in agreement with the published locality.

† The paratype in USYM appears to be labelled "Knife and Steel" not "Knife and Fork".

† The specimens identified by Malloch are those recorded with a question in M71(240-1).

† The paratype in USYM is dated 30:i:23.

† The allotype specimen in USYM is labelled paratype but was published as allotype.

<del>-</del>				2
seticauda (Mall.) (Lasiopleura): M43(302); M128(273) setifemur Mall. (Drosophila): M19(351–352)	Aust. M		1 Aust. M; 2 USNM	1 Malloch USNM
setifemur Mall. (Epicerina): M120(52-53) setifemur Mall. (Idiohelina): M26(141-142); M72(304)	BM (NH) USNM	USNM	1 BM (NH)	
selifemur Mall. (Prochaetops): M91(10); M112(184) selifrons Mall. (Carpophthorella): M124(448); M126(263-264)	Bishop M BM (NH)		1 BM (NH)	
*setigera Mall. (Austrodexia): M67(124–125) setigera Mall. (Cuphocera): M68(318) setigera Mall. (Pseudocleitamia): M121(105) setigera Mall. (Zealandotachina): M119(224)	SPHTM SPHTM BM (NH)		3 USNM 1 USNM	1 Curran BM (NH)
setinervis Mall. (Dacus): M118(112-113) setinervis Mall. (Euprosopra): M121(149) setitibia Mell. (Debrickera): M121(1892)	Bishop M BM (NH) SPHTM		2 USNM	
setiventris Mall. (Austrodexia): M67(126) setiventris Mall. (Phorocerosoma): M55(327); M68(326)	SPHTM SPHTM Aust. M		1 USNM	2 Malloch USNM
setiventris Mall. (Plethochaetigera): M119(193) setiventris Mall. (Pygophora): M60(394)	USNM Amsterdam		6 USNM	1 probably Malloch USNM
setiventris Mall. (Voriella): M110(361-362) setosa Bez. (Epicerella): M53(12); M53(25-26) setulifera Stein (Dichaetomyia): M22(323-324) setuligera Mall. (Helosciomyza): M7(228); M48(159)	Bishop M SPHTM		 	1 Malloch SPHTM
setulosa Mall. (Homoneura): M66(210)	Cawthron Bishop M		1 USNM	1 F. van Einden BM (NH)
severa Hend. (Lamprogaster): M121(143) sexguttata de Meij. (Acanthoneura): M124(464) sexincisa Mall. (Tephrella): M124(456); M126(272-273)	DAL (AVE)			
sexmaculata Mall. (Minettia): M132(20-21) sexmaculata (Macq.) (Spheniscomyia): M124(450); M126(273-274)	BM (NH) BM (NH)			2 Malloch USNM
sexpunctata Mall. (Amenia): M99(76-77)	DEI		1 Aust. M; 1 USNM	21 D. J. Clark BM (NH)
sexpunctata Mall. (Aneuria): M72(342-343) sexpunctata Mall. (Scatella): M111(8)	C'bury M Bishop M		1 USNM 1 USNM; 1 Bishop M	Did (1(1),)
sezseriata Hend. (Rhienoessa): M111(18) sezsetosa Duda (Asteia): M93(116) sezvittatus (Walk.) (Scholastes): M129(74-75) sibirita (Fabr.) (Prosena): M67(114-115); M110(365)				1 Malloch USNM 2 Malloch SPHTM;
sibirita var. confusa Mall. (Prosena); M67(115) sigma (Walk.) (Neolimnia): M48(171) signata (Walk.) (Protohystricia): M97(431–432); M119(178)	SPHTM .			2 Malloch USNM
signata (Walk.) (Hexamera): M119(178) signata Woll. (Siphunculina): M96(216) signata Walk. (Tachina): M97(431–432) signatifrons (Kert.) (Sapromyzosoma): M25(321);				4 Malloch USNM 1 Malloch SPHTM 2 Malloch SPHTM;
M61(413); M133(139)  signatum (Woll.) (Microneurum): M96(216) signatus Meig. (Pachyophthalmus): M69(439)	i			3 Malloch USNM (badly damaged)
signatus Meig. (Pachyophthalmus): M69(439) sikaiana Curran (Homoneura): M133(142) similata Mall (Tricipha): M88(AAA): M88(AAO)	SPHTM			1 Malloch SPHTM
signatus Meig. (Pachyophthatmus): M69(439) sikaiana Curran (Hononeura): M133(142) similata Mall. (Tricimba): M38(444); M83(409) similis Kert. (Cleitamia): M121(109) similis Tonn. & Mall. (Ephydra): M34(7-8) similis Mall. (Fenvickia): M72(338) similis (Beck.) (Lioscinella): M78(66); M134(46)	C'bury M			
	C'bury M	USNM		10 Malloch USNM and Sabrosky Coll,
similis var. apicta Mall. (Lioscinella): M78(66); M134(46)	SPHTM	Presumed SPHTM	1 presumed USNM	1 Malloch USNM; 1 Malloch Sabrosky Coll.
similis var. femoralis Mall. (Lioscinella): M134(46)	SPHTM		1 SPHTM; 1 USNM	
similis var. fuscibasis Mall. (Lioscinella): M78(66); M134(46) similis var. vera Beck. (Lioscinella): M78(66) similis Hend. (Pogonortalis): M121(120) similis Mell. (Phragasia): M121(120)	SPHTM		1 SPHTM; 2 USNM	
similis Mall. (Pterogenia): M121(126) simillima Tonn. & Mall. (Sapromyza): M34(22) simnondsi Bez. (Naupoda): M121(122) §simondsi Bez. (Orthellia): M62(264)	C'bury M		1 USNM	1 Malloch USNM
simplex (Fall.) (Leucostoma): M68(323-325) simplex Stein (Ophyra): M98(197) simplex Mall. (Rutilia): M114(17)	SPHTM			3 Malloch SPHTM
simplex Mail. (Trypanea): M94(146-147) simplicissima (de Meij.) (Homoneura): M61(413)	Bishop M	USNM	1 USNM	8 F. A. Perkins BM(NH)
simulata Mall. (Calliphora): M92(16)	Bishop M	Bishop M	1 USNM	3 Malloch USNM

<sup>\*</sup> One paratype from Woy Woy in USNM is dated 2.9.23 (not 1925 as stated by Malloch).

<sup>†</sup> In USNM one specimen bears no label at all except Malloch's paratype label. This is possibly a paratype with lost locality label.

<sup>‡</sup> See note to Ephydra assimilis.

<sup>§</sup> This species was published as O. simmondsi.

<sup>¶</sup> A second label on the type reads *Trypanea simplissima*. The allotype and paratype listed for USNM were not labelled as such but from the data it appears clear they were intended to be.

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*simulata Mall.	(Helina):	M12(603-604);	SPHTM			2 Malloch USNM
M23(41-42) simulata Mall. (Liose simulatus Mall. (Dac singaporensis Kert. (	inella) : M134 us) : M126(24 Homoneura)	4(49–50) 1)	CSIRO BM (NH)	CSIRO	2 CSIRO	1 Malloch SPHTM;
singularis Hutt. (Exsinuata Mall. (Graphe sinuata (Don.) (M M55(287); M67(16 skusei Bez. (Euthera	(icrotropeza) ; (100) (100) : M55(333)	M46(614-615);	C'bury M			1 Malloch USNM 2 Malloch USNM
smaragdina Mall. (Fo			Aust. M		1 Aust. M; 1 USNM	2 Malloch USNM
smicroides (Walk.) (L smithii (Hutt.) (Lim. †societas Mall. (Astei societas Mall. (Pectin solomonensis Curran solomonensis Mall. (L solomonensis Mall. (G	a): M110(a)( iseta): M65(3 (Steganopsis): Dacus): M126	91)	Bishop M BM (NH) BM (NH) BM (NH)	USNM BM (NH)	12 BM (NH) 1 BM (NH) 9 BM (NH)	6 Malloch USNM  2 F. van Emden
sorbens Wied. (Byom					o Dir (ivis)	loch USNM 2 Patton SPHTM; series Malloch Bishop
sorbillans (Wied.) (T sordida Zett. (Copro sororcula (Wied.) (E sororcula (Wied.) (Par sororcula Wied.) (Par sosilus (Walk.) (Try) speciosa (Erich.) (For	hrycolyga): M nyza): M106( nsina): M124	I55(331-332) 323) (463)				M and USNM
sororcula (Wied.) (Par sororcula Wied. (Try	poxyna); M112 peta): M124(	2(200); M124(463) 463) (210)				1 Malloch SPHTM
speciosa (Erich.) (For M67(105) speculifera Walk. (D						2 Engel, 15 Para- monov SPHTM; 1 Malloch Aust. M; 5 Malloch USNM
speighti Mall. (Oscine	osoma): M83(	413)	C'bury M		1 C'bury M;	
‡spicata Mall. (Phyto	-	. ,	Budapest			2 F. van Emden BM (NH)
spilariformis Mall. M23(43) spinicosta Mall. M48(160-161)	(Helina) : (Helosciomyz	M9(142-143); a): M7(228);	BM (NH) Cawthron		1 BM (NH)	1 Malloch SPHTM; 12 Malloch USNM 1 F. van Emden BM (NH)
spinicosta Lamb (Po spinifemorata Mall. ( spiniger Stein (Ophy	lytocus) : M48 Duomyia) : M	3(157) 157(508–509)	DEI		2 USNM	DM (MA)
spiniger Stein (Ophy spiniger (Wied.) (New spinigera Mall. (Sap spinipes (Walk.) (Li spinulenta Collin (H	reraireta) · Ni	15(361-369)	SPHTM			8 Malloch USNM
spinulenta Collin (H- splendida Don. (Ru M55(297)	ilara): M83(4 tilia): M37(3	.27) 47); M44(333);			,	2 Malloch USNM 1 Malloch, 5 Engel, 5 Paramonov SPHTM; 1 Malloch Aust. M; 2 Malloch
stabulans (Fall.) (Ma	ıscina): M12	(601)				USNM 1 Malloch, 1 Marshall SPHTM; 1 Malloch
stagnalis (Fall.) (Sca						USNM 8 Malloch USNM (Marquesas)
stenoparia Hend. M57(515); M121( sternalis Mall. (Calli sternopleuralis Mall. ( sternopleuralis Mall.)	Limnophora) : (Lioscinella) :	65)	BM (NH) SPHTM	SPHTM BM (NH)	4 USNM 1 BM (NH)	1 Mailoch SPHTM; 2 Malloch USNM
stictica Sch. (Amenic stiglinae Bez. (Actia stigmatella (Beck.) (O	t): M37(342) ): M110(364) scinis): M78(	; M99(75) 71); M116(339)				2 Malloch Sabrosky
stigmatica Mall. (Sap stirlingi Mall. (Paral stolida Mall. (Chaeto stolida Mall. (Polleni	romyza) : M30 imna) : M31( gastrina) : M5 a) : M114(21-	0(42); M35(12) 545–546) 5(313–314) -22)	SPHTM BM (NH) Aust. M SPHTM	SPHTM	3 BM (NH) 3 Aust. M 1 SPHTM; 2 USNM	Coll. 1 Malloch SPHTM 6 Malloch USNM
strahani Mall. (Sapre stramineipes Mall. (S striata (Hutt.) (Neol §striata var. brunneife M48(169)	Scaptomyza) : imnia) : M48( ons Tonn. & N	M106(295–296) 169) Iall. ( <i>Neolimnia</i> ) :	CSIRO Bishop M		2 USNM	
striatifrons (Beck.)	•					17 Malloch USNM and Sabrosky Coll.
striatipennis Mall. (I strigatus de Meij. (A			CSIRO	}		

<sup>\*</sup> One of the determined specimens in USNM is wrongly labelled paratype.
† In the original description both male and female were described but no type was designated, nor was the number of specimens indicated. Sabrosky has clarified the position as follows. "Two specimens were found in the Malloch Collection, a male bearing Malloch's 'type' label (but dated Aug. 23, 1928) and a female (Sept. 11, 1928). The male was described in detail and was obviously intended to be the type. To be definite, I have labelled the two specimens "Lectotype 3" and "Lectoallotype 9". This is intended to be taken as publication of this adjustment.
‡ A species originally described from Formosa (Ann. Mus. Nat. Hungar., 12: 334 (1914)).
§ This variety is not listed by Miller 1950 (Catalogue of the Diptera of the New Zealand Sub-Region) and it is possible that the type will still be found in New Zealand.

E.	1	1		**************************************
strigipes Mall. (Batrachomyia): M38(441); M128(2 strunosa Bez. (Epicevella): M53(13); M53(26) stygia (Fabr.) (Calliphora): M36(308-309); M46(613); M72(316); M84(65)	CSIRO SPHTM			4 Malloch, 3 Taylor SPHTM; 6 Malloch
stylops Ender. (Laglaisia): M121(113) subaeneiventris Mall. (Sapromyza): M30(37-38) subalpina Tonn. & Mall. (Helosciomyza, M48(158-159)	1			USNM 3 Malloch USNM
subapicalis (Macq.) (Stomatorhinia): M36(333-334	i i			1 Malloch SPHTM 6 Malloch USNM
enhalita Collin (Hilanannia) . MOS(407)	SPHTM SPHTM SPHTM		1 SPHTM	1 Malloch USNM 1 Malloch SPHTM
subnuda Mall. (Homoneura): M133(141-142) subnudus Mall. (Achias): M121(134-135). subobsoleta Mall. (Limnophora): M58(169).	BM (NH) BM (NH) BM (NH) BM (NH) SPHTM	BM (NH) SPHTM	9 BM (NH) 1 BM (NH) 12 SPHTM;	
subpolita Mall. (Limnophora): M65(330) subscutellata Tonn. & Mall. (Allophylopsis) M39(93-94)	BM (NH) Cawthron		1 CSIRO 3 BM (NH)	
subsessilis Mall. (Palpostoma): M80(297)	. SPHTM (frag- mentary)	SPHTM (damaged)	8 USNM; 4 SPHTM (damaged)	
subspinicosta Tonn. & Mall. (Helosciomyza) M48(161) subtilis Hutt. (Macquartia): M97(434)	: Cawthron		1 USNM	) . <b>v</b> . v
subvittala Mall. (Lispocephala): M52(88) suffusa Mall. (Dichaetomyia): M60(406-407)	SPHTM Bishop M Amsterdam			34 Malloch USNM
suffusta (Pools (Occipio), M110(014)	. CSIRO SPHTM			1 Malloch SPHTM
	•			1 Malloch, 2 Taylor SPHTM; 1 Malloch USNM (under a manuscript name)
and and Mall (ML and and Land 200) . Bit O4(400)	BM (NH) SPHTM		3 USNM	
suturalis Mall. (Lioscinella): M134(51) †sydneyensis Mall. (Brachydeutera): M18(335) sydneyensis Mall. (Chloropisca): M116(354) sydneyensis Mall. (Cylindromyia): M68(314–315).	SPHTM SPHTM SPHTM CSIRO		1 USNM	3 Malloch USNM
sydneyensis Mall. (Drosophila): M35(5-6)			2 USNM	2 Malloch SPHTM;
sydneyensis Mall. (Xenosepsis): M25(315)	. SPHTM		1 USNM (headless)	4 Malloch USNM
taeniata Wulp (Lamprogaster): M121(145) ‡tahuatae Mall. (Prochaetops): M91(12); M112(187	Bishop M		1 presumed USNM	2 Malloch USNM
taitensis Sch. (Sarcophaga): M64(256-257) M92(13) Marsalis Mall. (Asteia): M93(116); M112(190) tarsalis Locw (Desmometopa): M106(327)	; Bishop M			Series Malloch Bishop M and USNM 1 Malloch USNM ? 1 Hill, ? 1 Brit. M,
tasmaniensis Mall. (Aphiochaeta): M2(514)	. USNM		15 USNM	? I Hill, ? I Brit. M, SPHTM
tasmaniensis Mall. (Ceratolauxania): M38(408-409	SPHTM CSIRO	:	(labelled "cotypes")	
¶asmaniensis Mall. (Diplotoxa): M38(434) tasmaniensis Mall. (Helina): M9(138); M23(41) tasmaniensis Mall. (Incurviseta): M38(406).	. BM (NH)		1 USNM 2 USNM; 1 CSIRO	2 Malloch USNM
tasmaniensis (Mall.) (Lioscinella): M78(62) M134(51) tasmaniensis Mall. (Oscinosoma): M78(62)	GTATIONAL	SPHTM		1 Malloch Sabrosky Coll.
	. SPHTM SPHTM	BM (NH)	1 SPHTM 1 USNM 2 USNM	1 Malloch Aust. M
taylori Mall. (Scholastes): M121(129-130) taylori Mall. (Tapeigaster): M109(94-95) tectanus Walk. (Andrenosoma): M43(299)	SPIITM			- AMOVE JA

\* A type specimen in SPHTM labelled *P. australis* Mall. from Melville Island, N.T. (G. F. Hill) appears to be the specimen mentioned as *P. surcoufi* in M36(323).

† The paratype listed for USNM is from Belaringar, N.S.W., 9.9.23. The three specimens listed for USNM as mentified by Malloch are on one mount with a paratype label but are from Eidsvold, Q., 1924, Bancroft, and are not identioned in the original description so can only be considered as identified specimens.

‡ The presumed paratype in USNM is from the correct locality but the other data are 1750 ft., July 9, 1930. The two specimens recorded in M112(187) were erroneously labelled paratypes by Malloch.

§ The specimen recorded in M112(190) is in USNM erroneously labelled paratype by Malloch.

¶ The \( \preceq \text{in USNM} \) is marked paratype but is presumably the allocype published by Malloch.

[] "Presumed holotype" and "presumed paratype" found unlabelled in Malloch Collection. (Type to be returned to SPHTM, paratype in USNM, labelled as above.) These two specimens stood unlabelled with other Lasiopleura. I realized when I came to identify them that they are undoubtedly the holotype and paratype of *L. taylori*. The data on the labels agree exactly with the published information, and the paratype is greasy as stated (C. W. Sabrosky).

<u>-</u>				
telescopia Ender. (Laglaisia): M121(113) temerarum (Hutt.) (Calcager) (Campylia):	USNM		1 USNM	13 Malloch USNM (6
M119(239-240)  tenebrosus Walk. (Cephaloconus): M125(448-449) tenera Loew (Tenhritis): M124(460)				as Calcager, 7 as Campylia) 1 Malloch USNM
tentaculata de Geer (Lispa): M58(153) tenuicornis Macq. (Euprosopia): M46(612); M69(430); M82(7) tenuicornis Mall. (Melanochelia): M13(673)	BM (NB)		1 USNM	1 Malloch SPHTM; 2 Malloch USNM
tenuicornis Mall. (Sapromyza): M35(8-9)	SPHTM		1 OSININ	7 Malloch USNM; 4 Malloch C'bury M
tenuipennis Mall. (Trypaneoides): M71(244) tenuis Mall. (Exsul): M13(674)	USNM	Presumed USNM	1 presumed USNM; 1 BM (NH)	1 F. van Emden BM (NH); 3 D. J. Clark (BM (NH); 1 Malloch USNM; 1
tenuis Mall. (Prosena): M67(114) tenuis Mall. (Zealandolachina): M119(232-233) tenuira Bez. (Sarcophaga): M62(269-270) tepunae Mall. (Limnophora): M95(199)	SPHTM C'bury M	USNM	3 USNM	Malloch SPHTM  1 Malloch USNM
termitoxena (Bez.) (Termitorioxa): M95(199)	Bishop M			1 Bezzi, 1 Hill SPHTM; 1 Malloch
*terraereginae Mall. (Dichaetomyia): M22(325)	BM (NH)	SPHTM	7 BM (NH); 4 USNM;	DEI 1 Malloch SPHTM
terrae-reginae Mall. (Elassogaster): M45(352); M82(22); M121(116) territa OstSack. (Calobata): M110(343)	SPHTM	SPHTM	2 SPHTM 4 SPHTM; 4 USNM	
territa (OstSack.) (Grammicomyia): M110(343) testacea (Mall.) (Efitayloria) (Tayloria in M67): M67(98-99): M134(64)	SPHTM		1 USNM	
testacea Big. (Grammicomyia): M110(343) testacea Mall. (Homoneura): M38(419-420) testacea RD. (Palpostoma): M37(338) testacea (Macq.) (Prodiaphania): M37(352)	CSIRO	USNM		1 Malloch Aust. M
testacea RD. (Rhinia): M32(504) testacea Hend. (Rioxa): M124(435-436)				1 Malloch SPHTM; 2 Malloch USNM
testacea Macq. (Senostoma): M37(351-352); M55(292); M114(12-13) testacea var. claripennis Mall. (Senostoma): M55(292)	Aust. M			4 Malloch USNM 1 Malloch USNM
testacea var. testacea Macq. (Senostoma): M55(292) testaceipes (Kert.) (Homoneura): M59(58)	21430. 24			1 Engel SPHTM; 1 Malloch Aust. M
tetunocerina Hend. (Ceratolauxania): M38(409) tetyroides (Walk.) (Asyntona): M121(122)				1 Malloch SPHTM; 2 Malloch USNM
thoracalis Hend. (Achias): M121(136) †thoracica Mall. (Tephritis): M83(392-393) tibialis Macq. (Calliphora): M36(308); M46(613); M84(65)	C'bury M		3 USNM	4 Malloch, 7 Taylor, 1 Pattou SPHTM; 1 Malloch USNM
tibiella Beck. (Lioscinella): M134(56) tibisela Mall. (Atherigona): M17(145-146)	Aust. M			6 Malloch USNM;
tibiscta Mall. (Tethina): M109(91-92) tigrina OstSack. (Euprosopia): M57(513);	SPHTM		7 USNM; 1 BM(NH)	2 Malloch SPHTM
tigrina OstSack. (Euprosopia): M57(513); M121(147) tillyardi Mall. (Froggattimyia): M104(6) tincticornis Mall. (Botanobia): M134(62)	CSIRO CSIRO	SPHTM	3 SPHTM;	
tinctipennis Mall. (Eutricimba): M83(408-409) tinctipes (Mall.) (Lioscinella): M78(63); M134(56) tomentosa (Hend.) (Duompia): M57(507) tongensis Froggatt (Dacus): M81(263)	C'bury M		1 CSIRO	
tongensis Froggatt (Dacus): M81(263) tonnoiri Mall. (Asteia): M71(233) tonnoiri (Mall.) (Botanobia): M78(62): M134(58) tonnoiri Mall. (Genotrichia): M119(164-165)	C'bury M			
tonnoiri Mall. (Genotrichia): M119(164-165) tonnoiri Mall. (Oscinosoma): M78(62) tonnoiri Mall. (Paracoenosia): M119(254-256)	Cawthron SPHTM		2 USNM	
tonnoiri Mall. (Sapromyza): M38(417) tonsa (Stein) (Heliographa): M60(399)	CSIRO		2 USNM: 1 CSIRO	
townsvillensis (Tayl.) (Pericoma): M3(265) toxopei Mall. (Homoneura): M61(412) toxopei Mall. (Xenosina): M60(399)	Amsterdam Amsterdam			
tranquilla (Hutt.) (Neolimnia): M48(171) transversa Mall. (Rutilia): M114(15-16) transversalis Mall. (Rhinomyiobia): M67(130)	SPHTM SPHTM		1 USNM	
triangularis Mall. (Epicerella): M53(26) triangulifera Mall. (Semisuturia): M37(342)	USNM USNM	USNM (presumed)	1 BM (NH)	
trichopareia Sch. (Winthemia): M68(349); M110(359 tricolor Mall. (Agromyaa): M38(427-428) tricolor Mall. (Calotachina): M119(176-177) tricolor Mall. (Cylindromyia): M68(315-316)	USNM Cawthron SPHTM	USNM		3 Malloch SPHTM
* A manufacture in TICNES and Indiana I No. 10			!	

<sup>\*</sup> A paratype in USNM was labelled so by Malloch but the other information is only "N.S.W., Aust." † The Ben Lomond paratype (in USNM) is labelled 25.11.12, not Dec. 20, 1923.

tricurvata (Walk.) (Cleitamia): M121(109) trifasciata (Dol.) (Chaetorivellia): M121(127) trifasciata Mall. (Chrysotrypanea): M124(457–458) trifascigera Mall. (Leptocera): M44(26) trigonalis de Meij. (Cleitamia): M121(112)	SPHTM		* .	
rigonaus de Meij. (Cietamia): M122(112) trilineata Hutt. (Apterina): M102(61) trilineata de Meij. (Diplochorda): M122(176-177) trimaculata Mall. (Chloromerus): M38(433) trimubilifera Mall. (Helina): M9(141): M23(42) *tripuncta Mall. (Lispocephala): M52(80) tripunctata Mall. (Ameuria): M72(342) tripunctata Dol. (Eumorphomyia): M53(3) tripunctifacies Mall. (Steganopsis): M133(132) trisignata Wulp (Lamprogaster): M121(143) trisignata Mall (Agromya): M38(455)	SPHTM BM (NH) Bishop M C'bury M		1 BM (NH) 1 USNM 1 USNM	1 Malloch SPHTM
tritici Coq. (Hydrellia): M25(327); M34(14-15)	BM (NH) SPHTM 1 cotype USNM			1 Malloch SPHTM; 10 Malloch USNM
trochanterata Mall. (Ophyra): M95(196-198)	Bishop M		16 Bishop M; 9 USNM	
tryoni (Froggatt) (Dacus): M81(263) turbidum (Hutt.) (Plagiomyia): M119(169–170)			0.02112	3 Malloch USNM 4 Malloch USNM
uahukae Mall. (Heterodoxa): M96(214) uahukae Mall. (Oscinosoma): M96(217) †uapouae Mall. (Heterodoxa): M96(212–213)	Bishop M Bishop M Bishop M	Presumed		
umbrinervis Stein (Phaonia): M17(141)		USNM		1 Malloch SPHTM;
umbrosus Fabr. (Dacus): M81(259); M124(412); M126(236)				2 Malloch USNM 3 Malloch SPHTM
unguiculata Mall. (Chaetoscatella): M106(322–323) ‡unguiculata Tonn. & Mall. (Scatella): M34(10–11) unica Mall. (Cheesmanomyia): M124(420)	BM (NH) C'bury M BM (NH)			1 Tonnoir USNM
unicolor Hend. (Paccus): M120(250) unicolor Mall. (Hirtodrosophila): M106(293) unicolor Hend. (Paranomina): M38(402) unicolorata Mall. (Sanzamuza): M30(44)	BM (NH) SPHTM		3 BM (NH)	
unica Mall. (Cheesmanomyia): M124(420) unicolor Hend. (Dacus): M126(230) unicolor Hend. (Paranomina): M106(293) unicolor Hend. (Paranomina): M38(402) unicolorata Mall. (Sapromyza): M30(44) unifasciatus Mall. (Dacus): M126(233-234) uniformis Mall. (Dichaetomyia): M60(407) uniformis Mall. (Limonhelina): M72(299) uniformis Mall. (Linchaea): M74(242) uniformis Mall. (Lioscinella): M134(47-48) unimaculata (Mall.) (Cadrema): M128(278)	BM (NH) Amsterdam C'bury M Bishop M USNM	USNM		
unimaculata Mall. (Hippelates): M38(439) §unimaculata Mall. (Trypanea): M83(403) unipuncta Mall. (Austrodexia): M67(128)	CSIRO C'bury M SPHTM		1 USNM 2 USNM	1 Curran SPHTM;
unipuncta Mall. (Prochaetops): M91(7-8); M112(184) unipunctata Mall. (Deltastoma): M19(359); M128(275)	Bishop M SPHTM			2 Curran BM (NH)
unipunctatus Mall. (Dacus): M126(245–246); ¶uniseta Mall. (Lispa): M10(389); M12(609); M22(335); M25(340) uniseta Mall. (Lonchaea): M74(243)	BM (NH) BM (NH)		1 BM (NH)	4 Malloch USNM
uniseta Mall. (Lonchaea): M74(243) uniseta Mall. (Paralimna): M25(325)	Bishop M SPHTM		1 BM (NH.)	
uniseta Mall. (Voriella): M68(335-336); M80(298)	CSIRO	SPHTM	3 SPHTM; 1 USNM; 1 CSIRO	
unistriata Mall. (Diplochorda): M122(179) upoluae Mall. (Drosophila): M106(305–306)	BM (NB) BM (NB)		12 BM (NH)	
upoluae Mall. (Sturmia): M110(354-355) urbana Mall. (Hylemia): M17(139) urbana Mall. (Sapromyza): M35(10-11)	Bishop M SPHTM SPHTM	·	3 BM (NH) 2 USNM	
usitata (Hutt.) (Čerosomyia): M119(196-198) ustipennis Mall. (Atherigona): M95(201-202)	Bishop M		2 USNM; 2 Bishop M	2 Malloch USNM
valentina Macq. (Amphibolia): M37(349); M53(312)				1 Malloch Aust. M; 1 Paramonov SPHTM
valida Curran (Actia): M68(305) valida Hutt. (Procissio): M119(204) vandiemeni Mall. (Conioscinella): M128(285)	SPHTM	USNM	-	5 Malloch USNM
vandiemeni Mall. (Helina): M13(672); M23(42) varia Kert. (Homoneura): M133(142)   varia Curran (Prosena): M80(298); M85(130)	BM (NH)		2 BM (NH)	2 Malloch USNM 2 Malloch, 1 Curran SPHTM; 1 Malloch
variabilis Bez. (Prodalmānnia): M53(19-20; 30) variabilis Kert. (Ptilona): M124(464)	SPHTM	SPHTM		SPHTM; 1 Malloch USNM 1 Malloch USNM
varians Mall. (Calcageria): M119(173)	C'bury M		1 USNM	:
varicens Mall. (Perrissina): M119(187) varidorsuta Mall. (Lioscinella): M134(51-52) variegata (Big.) (Euphumosia): M107(14-15) variegata Curran (Prosena): M80(298); M85(132)	Cawthron SPHTM SPHTM	SPHTM	21 USNM	
variegata Hendel (Neotoxura): M53(7, 23)	VI II III			1 Bezzi SPHTM

<sup>\*</sup> The paratype in USNM has the same data as published for the type but was not published as such.
† The specimen considered to be allotype is labelled paratype but agrees with the published data except for the ate, Jan. 29, 1930.

‡ The USNM specimen is labelled "A. Tonnoir det." and has the same data as published for the allotype.
§ The paratype in USNM is the Kumara specimen, not designated as paratype in the original description.
¶ Of the four determined specimens in USNM one is labelled "allotype", apparently based on M25(340).

∥ There is an additional specimen in USNM determined by Malloch as varia var.?

*varifrons Mall. (Calliphora): M84(66-67) varimana Mall. (Stepanopsis): M133(133) †varipalpis Mall. (Desmometopa): M35(7-8)	BM (NH) SPHTM	? USNM		3 Malloch SPHTM
varipennis Mall. (Scatella): M111(9) varipes Mall. (Batrachomyia): M128(264–265)	(presumed) Bishop M			
traripes Mall. (Batrachomyta): M128(264-265) traripes Mall. (Dacus): M126(240-241)	DEI BM (NH)	BM (NH)	1 USNM;	
varipes Mall. (Medinella): M119(237)	C'bury M	USNM	1 BM (NH) 1 USNM	
varipes Mall. (Medinella): M119(237) varipes (Macq.) (Microcalliphora): M36(326) varipes Mall. (Pseudotrichopoda): M99(78-79) varipes Mall. (Zealandotachina): M119(227-230)	DEI			1 Malloch SPHTM
varipes var. varipes man. (Zealanaolachina):	Cawthron		3 USNM	
M119(228-229) varipes var. fumata Mall. (Zealandotachina):	Cawthron		1 USNM	
M119(229) varipes var. fuscata Mall. (Zealandotachina):	C'bury M		1 USNM	
M119(229) §varipes var. strigipes Mall. (Zealandotachina):	Cawthron			
M119(229) varipes var. lata Mall. (Zealandotachina):	C'bury M			
M119(229-230)  ¶variseta Mall. (Oscinis): M116(345-346)	SPHTM		1 USNM	
variventris Mall. (Sapromyza): M30(38-39); M35(12)	SPHTM		,	1 Malloch SPHTM
varivitta Mall. (Oscinis): M116(349-350) velutina Mall. (Erythronychia): M97(444). velutifrons Tonn. & Mall. (Hydrellia): M34(15) ventralis (Valk.) (Erytrosopia): M121(150-151) ventralis Curran (Naupoda): M129(75) venusta Coq. (Diploneura): M110(329) venustalus Walk. (Achias): M121(134) verecunda (Hutt.) (Huttonobesseria): M83(385-386) verecunda Hutt. (Phania): M83(385-386) verecunda Hutt. (Phania): M83(385-366) versicolor Curran (Amplipila): M55(336) versicolor B. & B. (Chrysoposta): M46(616) versicolor Stein (Helina): M23(43) versicolor Mall. (Lispocephala): M106(287-289) versulus Hutt. (Occisor): M119(206)	SPHTM Cawthron C'bury M	USNM	1 USNM	
venustulus Walk. (Achias): M121(134) verecunda (Hutt.) (Huttonobesseria): M83(385–386)				3
verecunda Hutt. (Phania): M83(385-386) vernalis White (Atherimorpha): M79(275-276)				}8 Malloch USNM 1 Hardy SPHTM
versicolor Curran (Amplipila): M55(336) versicolor B. & B. (Chrysonasta): M46(616)				I Hardy SIIIIM
versicolor Stein (Helina): M23(43) versicolor Mall (Lisacenhala): M106(287-289)	BM (NH)	Bishop M	3 BM (NH)	
versulus Hutt. (Occisor): M119(206) vetutissima Walk. (Byomyia): M58(174);	DM (MH)	DISHOP III	5 DM (NII)	1 Austen SPHTM
M49(333-334)				4 Malloch USNM
vezata Hutt. (Macquartia): M97(435); M119(221) viatrix (de Meij.) (Homoneura): M133(139) vicarians Sch. (Authomyia): M93(37)				2 Malloch USNM
vicarians Sch. (Anthomyia): M23(37) vicina Macq. (Musca): M95(203) victoria Mall. (Helina): M9(141-142); M23(42)	BM (NH)		1 BM (NH)	Z Manoch USNM
victoriae Hill (Actina): M45(364)	SPHTM		I DM (MII)	1 Tonnoir USNM
victoriae Mall. (Sapromyza): M25(317-318) victoriae Mall. (Senostoma): M114(13-14) villosa RD. (Calliphora): M20(640) viola Mall. (Lamprogaster): M57(515-516)	SPHTM		2 USNM	1 Malloch USNM 3 Malloch USNM (as Neopollenia villosa)
violacea Macq. (Chaetogaster): M37(353); M55(315); M114(19)	DEI		1 Aust. M	1 Malloch, 4 Para-
violacea Ender. (Giraffomyia) (Meachina): M122(179)				monov SPHTM; 1 Malloch USNM
virgatus Collin (Ceratomerus): M83(428) virgatus Coq. (Dacus): M81(264) virgo Hendel (Rivellia): M70(492)				
virgo Hendel (Rivellia): M70(492) viridana Mall. (Incurviseta): M38(407–408)	CCIDO			2 Malloch USNM
viridinigra Macq. (Rutilia): M44(332, 334); M55(302)	CSIRO		1 USNM	1 Malloch Aust. M;
viridis Mall. (Chaetogaster): M114(19) viridis Towns. (Chlororhinia): M32(498); M36(332);	SPHTM			1 Malloch USNM
M55(283)				1 Malloch SPHTM; 1 Malloch Aust, M;
viridiventris Mall. (Xenocalliphora): M72(318)	C'bury M	1		5 Malloch USNM
viridula Mall. (Incurviseta): M38(408) vittala Curran (Peremptor): M55(343); M97(436);	CSIRO		1 USNM	
M97(454) vittata Macq. (Prosena): M67(116) vittata Mall. (Stomosis): M24(89)	ODTESSA			
	SPHTM		1 USNM	1 Malloch USNM; 1 Ferguson SPHTM
villatus Macq. (Aphrilis): M1(236) villigera Mall. (Gerodonta): M38(423-424) villigera Mall. (Incurviseta): M38(405-406) villigera Mall. (Trypanea): M38(400) villigera Mall. (Grammonomia): M110(342)	SPHTM CSIRO C'bury M			
vittipennis de Meij. (Grammicomyia): M110(343) vittithorax Mall. (Scatella): M25(331) vittithorax Mall. (Trypanocentra): M124(429)	SPHTM BM (NH)		1 USNM	1 Ferguson SPHTM
	Dia (1111)	1		1

 $<sup>\</sup>bullet$  The ? allotype in USNM is labelled merely "  $Calliphora\ varifrons\ Mall$ ." Its sex and data agree with the details published for the allotype.

<sup>†</sup> A specimen labelled "Desmometopa varicornis Type" agrees perfectly, in description and in specimen data, with D. varipalpis (M35, pp. 7-8). It seems almost certain that this is the type of D. varipalpis. Malloch did err in saying that the specimen was a female, though he could scarcely tell from the condition of the specimen.

<sup>†</sup> The paratype in USNM is dated 24.v.1934, not 14.v.1934 as published.

<sup>§</sup> USNM has three specimens marked "strigipes paratype" by Malloch which are the Mt. Ida and two without locality cited under the second "fuscata" on p. 229. Malloch apparently got the text mixed up here.

<sup>¶</sup> Paratype in USNM. Date is actually Nov. 25, not 15; the "2" is poorly printed,

para -				e e e e e e e e e e e e e e e e e e e
vivipara (Fabr.) (Rutilia): M37(346); M44(331); M44(333); M55(298)	r			19 Paramonov SPHTM; 1 Malloch Aust. M; 2 Malloch USNM
vivipara Port. (Viviparomusca): M23(46)				
wallacei Saunders (Elaphomyia): M122(180) wallacei (Mall.) (Homoneura): M59(58) wallacei Mall. (Griphoneura): Ann. Mag. Nat. Hist., ser. 9, 16: 362	BM (NH)			
wallacei (Saunders) (Phytalmia): M122(172) wallacei Hendel (Pseudepicausta): M121(119)				1 Malloch Aust. M
wattacer Heffiel (Pseudepidatsia): M134(18) watti Tonn, & Mall. (Poecilohetaerella): M34(26)	SPHTM		1, USNM	
watti Mall. (Trypanea): M83(403-404)	C'bury M		1 USNM	1 F. A. Perkins BM (NH)
weschei Mall. (Froggattinyia): M104(3-4) weschei Mall. (Lispa): M10(389); M12(609);	SPHTM SPHTM			4 Malloch SPHTM;
M22(334) whitei Mall. (Helina): M9(137); M23(41) whitei Hardy (Pachygaster): M45(366)	BM (NH)	BM (NH)		2 Malloch USNM
willey Sharp (Giraffonyia): M122(179); M129(93) wilmoti Mall. (Incurviseta): M38(404) wolffi Cresson (Tephritis): M124(460) wollastoni Edwards (Phytalmia): M122(170)	CSIRO		1 USNM	
xanthina Speiser (Phora) (Megaselia): M110(334) xanthocera Mall. (Calliphora): M36(313) xanthodes Broun (Dacus): M81(260) xanthogaster Wied. (Rhinia): M46(612-613) xanthogaster Wied. (Stomatorhinia): M36(334) xanthoptera Hendel (Lamprogaster): M45(349); M57(515); M121(148) **xanthopyga Mall. (Perrissina): M119(187) xenia Mall. (Sapromyza): M109(87-88) xenina Mall. (Lispocephala): M52(79) †xenochaeta Mall. (Lispo: M12(608); M22(334) xiphophora Bez. (Paurothrix): M73(235)	Cawthron SPHTM Bishop M SPHTM		1 USNM	4 Malloch USNM 4 Malloch USNM
zabrina (Walk.) (Chrysopasta): M55(807); M67(106) zebina Walk. (Sturmia): M110(357-358) zelotypa Hendel (Lamprogaster): M45(350); M57(515); M121(141-142)		-	manufacture and a second of the second of th	1 Malloch SPHTM; 1 Malloch USNM

<sup>\*</sup> USNM has the "second specimen" cited by Malloch. He labelled it a paratype though it was not so stated in the publication.

† The four determined specimens in USNM are incorrectly labelled paratypes.

9. BIBLIOGRAPHY OF PAPERS PUBLISHED BY J. R. MALLOCH CONTAINING DESCRIPTIONS OF DIPTERA FROM THE AUSTRALASIAN REGION.

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