

**Catalog of the Mythicomyiidae
of the World (Insecta: Diptera)**

Neal L. Evenhuis

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Cover illustration: *Mythicomya grandis* Hall & Evenhuis, from Mexico.

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INTRODUCTION

The Mythicomyiidae (microbombyliids) have had a confused taxonomic history. Some taxa have been placed at one time or another in the family Empididae (e.g., species of *Cephalodromia* and *Mythicomyia collina*), Stratiomyidae (species of *Glabellula*), or Rhagionidae (e.g., species of *Mythicomyia*), and true empidids have been wrongly placed in some mythicomyiid genera (e.g., *Chelipoda pictipennis* Bezzi has been placed in *Cephalodromia* [Smith, 1975]). Until recently, members of this family have been treated within a broadened concept of Bombyliidae, without corroboration of phylogenetic analysis. Rohdendorf (1961, 1964) was one of the first workers to recognize the uniqueness of this group of flies (treating them under “Cyrtosiinae”) and proposed that they be separated into the Cyrtosiidae, but added that research needed to be done to support his contention.

Mühlenberg (1971) conducted a phylogenetic analysis of the Bombyliidae as a whole, but reached no conclusion that supported placing the “Cyrtosiinae” outside of the current concepts of the family Bombyliidae. Unfortunately, Mühlenberg’s analysis was limited (using primarily morphological characters of the male and female postabdomen, with emphasis on the female reproductive system). Mühlenberg’s work did have merit in illustrating the usefulness of female characters, which had otherwise gone relatively unnoticed. In the following years, Rohdendorf (1976, 1977, 1980) continued to contend his proposal of splitting his “Cyrtosiidae” from the Bombyliidae, but without corroborating evidence.

In 1983, I started work on the higher classification of the Bombyliidae on a subfamily-by-subfamily basis to find and verify monophyletic groups and determine generic concepts and interrelationships within the family as it is currently defined. Evenhuis’ (1990) higher classification of the Usiinae and Phthiriinae contained the first published results of these ongoing investigations. The Mythicomyiinae was the next subfamily to be investigated. In preliminary analyses, genera of microbombyliids showed closer ties to Empididae than to Bombyliidae. Further study, discussion with colleagues, and the discovery of additional characters led to further cladistic analyses. The results of these analyses show that the Mythicomyiidae are, indeed, a separate taxon from the Bombyliidae. This paper follows the subfamilial groupings of the family proposed in Greathead & Evenhuis (2001b). A catalog of all taxa is presented and descriptions of new genera and species are given to validate names of these taxa used in the cladistic analysis.

Not much is known of the biologies of the immature stages of mythicomyiids. Host data and potential or presumed hosts are known for only 6 species of mythicomyiids. Members of the genera *Psiloderoides* and *Gubba*, n. gen., have been reared from grasshopper egg pods in South Africa and Australia respectively (Hesse, 1967; Fuller, 1938b); *Glabellula arctica* has been observed in nests of *Formica* spp. (de Meijere, 1924; Andersson 1974); a pupa of *Glabellula crassicornis* was found in a dead locust tree among the frass of an unknown insect and successfully reared to the adult stage (Greene, 1924); *Mythicomyia pusilla* has been recorded as a parasite of *Anthophora* bee larvae (Thorpe, 1969); and an immature of *Mythicomyia pruinosa* was found in an ant midden located beneath a rock (Hall & Evenhuis, 1986). Only one additional record has been found in the over 6,000 specimens examined during this study: a single specimen of *Glabellula palaestinensis* was found in the stem of *Sorghum*, which was infested with the larvae of the moth *Sesamis* in Egypt. Bowden (1980) states that “A few species of Mythicomyiinae have been reared from vegetable detritus . . .”, but gives no further details.

The following is a catalog of all taxonomic names of Mythicomyiidae found in the literature and includes 337 valid taxonomic species in 25 genera. *Nomina nuda* are included and are synonymized where possible. Specific taxa marked with a dagger (†) are preserved either as amber inclusions or fossil impressions. New combinations and synonymies are presented where examination has allowed presentation of this information. Notes on some of these actions are given at the end of this work. More detailed taxonomic study will be carried out at the specific level in future generic revisions, which will undoubtedly change current generic placements of some taxa. Extensions of published distributional ranges are presented only for those taxa where specific identifications of material at hand have been confirmed.

The format of presentation essentially follows that given in the *World catalog of bee flies (Diptera: Bombyliidae)* (Evenhuis & Greathead, 1999). Species-level listings are alphabetical by taxonomically valid specific epithet followed by original combination, author(s), year, page, type locality, location of type specimen(s), and distribution. The distributional data includes countries and island groups. Larger countries (e.g., Australia, Canada, China, India, Mexico, United States, Russia, South Africa) have been broken down into states, provinces, and/or geographical areas to better pinpoint restricted distributions. Abbreviations used in the distribution section are as follows: DC = District of Columbia, USA = United States of America.

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Many people provided critical assistance throughout this study. Without their help and generosity, this product could not have achieved fruition. I am indebted to the following for their help in various ways: Rudolph Abraham (for information on the destruction of types in ZMUH); David Barraclough (for assistance during the my visit to NMSA and subsequent assistance with further questions about types in NMSA); John Chainey (for generous assistance during my visits to BMNH and help with checking hard-to-find types or historical information); Margie Cochrane (for her generosity and assistance during my visit to SAMC); Ruth Contreras-Lichtenberg (for a list of mythicomyiid types in NMW and her generosity during my visit there); Roy Danielsson (for his assistance with information on types in MZLU); Jürgen Götze (for his detailed list of mythicomyiid type material in the Strobl Collection in NMBA); Patrick Grootaert (for his generosity, kindness, humor, and assistance during the my visit to KBIN); Valery Korneyev (for detailed assistance with the Paramonov Collection in SIZK); Marion Kotrba (for her kindness and generous assistance during my visit to ZMHB and for her help with questions concerning the history of the collection); the late Loïc Matile (for his kindness and assistance during my visit to MNHN); Adrian C. Pont (for his generosity and assistance during my visits to UMO); Fabrizio Rigato (for his help in verifying mythicomyiid types in MSNM); Magdi Shaaban Ali El-Hawagry (for his assistance with locating and assessing the status and existence of mythicomyiid types in Egyptian collections); Peter von Tschorsnig (for a list of mythicomyiid types in SMNS); Doreen Werner (for her generosity and assistance during my visit to Germany); Sarah Whitman (for a list of mythicomyiid types in MZUF); Joachim Ziegler (for his generosity and assistance during my visit to DEI).

The following provided assistance with questions of authorship and biographical material, obtaining copies of original literature, and/or assistance with publication dating information: Holger Dather (DEI); Reinhard Gaedike (DEI); David Grimaldi (AMNH); Patrick Grootaert (KBIN); Julie Harvey (BMNH); Marion Kotrba (ZMHB); Loïc Matile (MNHN); Emilia Nartshuk (ZIS); Adrian Pont (UMO); F. Christian Thompson (USNM); and the respective staffs of the libraries at BMNH, BPBM, UMO, USNM, ZMHB and the Royal Entomological Society, London.

SPECIES DISTRIBUTION

	AF	PA	NE	NT	OR	AU	Total
Psiloderoidinae							
<i>Acridophagus</i> Evenhuis						2	2
<i>Onchopelma</i> Hesse	7						7
<i>Palaeoplatypygus</i> Kovalev†		1					1
<i>Procyrtosia</i> Zaitzev†		1					1
<i>Proplatypygus</i> Hennig†		1					1
<i>Psiloderoides</i> Hesse	1						1
Platypyginae							
<i>Ahessia</i> Greathead & Evenhuis	1						1
<i>Carmenlectra</i> Evenhuis†		1					1
<i>Cephalodromia</i> Becker	9	5			2		16
<i>Cyrtisopsis</i> Séguy		3	1				4
<i>Cyrtosia</i> Perris	6	31				1	35
<i>Platypygus</i> Loew	1	9			1		11
Glabellulinae							
<i>Doliopteryx</i> Hesse	9	3					12
<i>Glabellula</i> Bezzi	1	10	6	1	1	1	19
<i>Glella</i> Greathead & Evenhuis	1			1			2
<i>Mnemonyia</i> Bowden	2						2
Empidideicinae							
<i>Empidideicus</i> Becker	11	13					22
<i>Paraconsors</i> Hall & Evenhuis							
<i>Elachymyia</i> Hall & Evenhuis			1				1
<i>Paraconsors</i> Hall & Evenhuis			6				6
Leylaiyinae							
<i>Leylaiya</i> Efflatoun	4	1					4
<i>Pseudoglabellula</i> Hesse	1						1
Mythicomyiinae							
<i>Mythenteles</i> Hall & Evenhuis		2	1		2		13
<i>Mythicomyia</i> Coquillett							
<i>Heterhybos</i> Brèthes			49	8			57
<i>Mythicomyia</i> Coquillett			95				95
Unplaced to subgenus			17				17
<i>Nexus</i> Hall & Evenhuis			1				1
<i>Pieza</i> Evenhuis			5	7			11
<i>Reissa</i> Evenhuis & Baéz		1					1
Unplaced							
<i>Hesychastes</i> Evenhuis	1						1
Totals	53	81	182	18	7	4	346

EXPLANATORY INFORMATION

Taxonomic and Nomenclatural Information

1. Scope: This catalog includes all names, available and unavailable according to the I.C.Z.N. *Code* (see below), that apply to the extant (living) and extinct (fossil) members of the family Mythicomyiidae occurring in the world.

2. Adherence to the *Code*: Wherever possible, all requirements of the *International Code of Zoological Nomenclature* (I.C.Z.N., 1999) have been followed in this catalog.

3. Arrangement of taxa: Names of valid genera are listed alphabetically within higher category (subfamily) and valid subgenera listed alphabetically within genera. Valid species are listed alphabetically within genera or subgenera, and valid infraspecific taxa [varieties and forms (those proposed before 1961), and subspecies] are listed alphabetically within species. Synonyms including all available and unavailable names (genus-group and species-group) and emendations (justified or unjustified) are listed chronologically; variant spellings (termed “errors” and “incorrect original spellings” herein) are placed at the end of the synonyms in chronological order.

Unplaceable taxa are listed at the end of the most appropriate taxon (e.g., subgenerically unplaced species at the end of the genus possessing subgenera; subfamiliarily unplaced genera and species at the end of the family treatment).

4. Typographical treatment of names: Genus-group and suprageneric headings are centered with authorship. Taxonomically valid genus-group and species-group names are listed in boldface and placed flush left (uppercase for genus-group names; lowercase for species-group names). Nomenclaturally invalid species-group names (e.g., *nomina nuda*) that could not be synonymized with a nomenclaturally valid species are listed alphabetically within genera along with valid species, but are in italics. For species-group names, the full reference with original generic combination and genus-group and species-group orthography, author, year, page, and associated synonyms are indented below the main species-group name entry in chronological order. Incorrect original spellings and errors for species-group names are listed at the end of the list of synonyms without being combined with a genus-group name. Unplaceable and unavailable names (*nomina nuda*, non-binomial names, etc.) above the species level are placed in a list at the end of the appropriate higher taxon.

5. Taxonomic references: References given after each name pertain to the original proposal of that name. Additional (secondary) references are given in brackets when necessary for nomenclatural purposes, or to give secondary citations when an author described the same taxon as new in a different work (when there is more than one secondary reference they are listed in chronological order).

Each reference consists of name (genus- or species-group), author(s), year of publication, and page. Nomenclaturally available genus-group names follow this reference line with information on the type species (see below under Section 6). Suppressed and other invalid genus-group names (*nomina nuda*, unjustified emendations, and incorrect original and subsequent spellings) do not have type species or type specimen information listed. Taxonomically valid species-group names are followed by geographical distribution (see below under Treatment of Geographical Information). The author and date combination can be used to find the corresponding reference in the Literature Cited section. (When

authors have published more than one article in the same year, dates are suffixed with letters denoting chronological order.)

Authors cited are those responsible for the names listed in accordance with the *Code*. Authorship by more than one author is listed as in the original work. When authorship of the name is different from the authorship of the work, the citation takes the form, e.g., “*Tabet* in Hall & Evenhuis, 1986”, so that the work can be located in the Literature Cited section (in this case, under “Hall & Evenhuis, 1986”). Spelling of authors’ names follows that most commonly used or, when known, the spelling preferred by the author. Spelling of Russian names takes the predominant form when transliterated from the Cyrillic to the Roman alphabet or the transliterated form preferred by the author (e.g., “Zaitzev” rather than “Zaytsev” or “Zaitsev”).

The date of a work given in the catalog is that which is cited in the original work. If a name was published in an undated work, a work in which the date could only be found from external evidence, or a work in which the given date was found to be incorrect, the correct date is given in brackets in the bibliography in accordance with Recommendation 22A.2.3 of the *Code*, but the brackets are omitted from the date in the catalog text.

In cases where two or more bibliographic references are given for the same name, e.g., “*Empidideicus turkestanicus* Paramonov, 1934: 17, 19 [1947: 88]”, the nomenclatural availability of the name dates from the first reference.

Page numbers cited are those on which the name appears in the original work including cases where reprint pagination predates the journal issue date (having been issued in advance of the published journal article). For certain authors for which works are known from reprinted as well as original editions (e.g., Macquart, Paramonov), both the original and secondary publication pagination are cited, with the secondary pagination in parentheses, e.g., “*Platypygus algirus* Paramonov, 1929: 199(137)”. When an original and secondary publication were published in different years, the secondary publication is cited in brackets, e.g., “*Empidideicus turkestanicus* Paramonov, 1934: 17, 19 [1947: 88]”.

6. Type species: Most of the information for type species of genus-group names is taken from Evenhuis (1991). Type species of genus-group names are listed in their original binomia with original authorship and date irrespective of their citation and orthography at the time of the establishment of the genus-group name. Subgeneric epithets that may have been included in the original establishment of the type species are omitted. The correct nominal type species is listed first, with any senior synonym listed in brackets, e.g. “Type species: *Mythicomymia mutabilis* Melander, 1961 [= *Empidideicus propleuralis* Melander, 1946].”

Method of fixation of type species follows Articles 68 and 69 of the *Code* and uses the terms (in order of precedence according to Articles 68 and 69) “original designation”, “monotypy”, “subsequent designation”, and “subsequent monotypy”. In cases of subsequent monotypy and subsequent designation, the author, date, and page of the designation is given, e.g., “. . . subsequent designation (I.C.Z.N., 1989: 148)”.

7. Homonyms and replacement names: Preoccupied names are noted with annotations in brackets. Genus-group junior homonyms have this bracketed information following the type species information; species-group junior homonyms have this bracketed information following the type locality. Replacement names are listed with the preoccupied name they replace in parentheses after the page reference, e.g., “**ACRIDOPHAGUS** Evenhuis, 1983a: 318 (new replacement name for *Robertsella* Evenhuis, 1978).”

8. Emendations and variant spellings: Genus-group names published prior to 1991 and associated type species information have been checked by me and have been published in Evenhuis (1991). There are no known published emendations for genus-group or species-group names in the Mythicomyiidae. Incorrect spellings are not available names, hence are listed in the form: “*Mythiocomyia*, incorrect original spelling of *Mythicomyia*” (followed by author, date, and pagination in parentheses if the incorrect spelling is an example of more than one spelling for the same taxon found in the original publication). When a name is spelled in more than one way in the original publication, the correct spelling is determined by the First Revisor Principle. Other variant spellings (i.e., incorrect subsequent spellings) are listed as “errors.” The listing of these variant spellings is not exhaustive, but reflects those names found in the major reference works that otherwise may lead to confusion as to correct orthography.

9. Gender endings of species-group names: Names in synonymy are cited in their original orthography, but to satisfy Article 30 of the *Code*, taxonomically valid names have been checked and changed when necessary to ensure that the ending agrees in gender with the genus under which it is presently combined.

10. Nomenclatural changes: Changes in binomial combination, rank, and validity presented for the first time in this catalog are marked in boldface with abbreviated notations (listed in Section 13). With regard to junior synonyms, changes in binomial combination or changes in rank are not annotated.

11. Type depositories: Every effort was made to ascertain the existence of a type or types and its/their type depository(s). The form of citation is indication of the rank of type that currently exists (e.g., syntype, holotype, lectotype, etc.) and the location of the type specimen(s). Codens for collections are those listed in the revised web version of Arnett *et al.* (1993) (see <http://www.bishopmuseum.org/bishop/ento/codens-r-us.html>). Types that have been examined by me either on site or through loan are indicated by an asterisk (*). The following institutions have been visited me for the purpose of studying types of Mythicomyiidae: AMS, ANIC, BMNH, BPBM, CAS, CNC, DEI, HNHM, KBIN, MNHN, NMSA, NMW, SAMC, UMO, USNM, ZMHB. Type specimens of Chilean species currently in MEUC were seen by me in the collection of Jack Hall before they were sent for deposition to MEUC.

If a lectotype has been previously designated, the citation referring to such a designation is given in parentheses following the rank of type.

Clarification of certain lost types, transferral of type specimens from the original published institution to another, and other notes on certain collections is given for selected species following the type depository. These annotations are placed in parentheses with the following notation, e.g., “(see Note 1)”, where the number pertains to those in the Notes section (Appendix I).

Abbreviations used for types:

- H = holotype
- L = lectotype
- N = neotype
- S = syntype(s)
- T = type (status not ascertained)

Abbreviations for type depositories:

AMS	= Australian Museum, Sydney, NSW, Australia.
ANIC	= Australian National Insect Collection, Canberra, ACT, Australia.
ANSP	= Academy of Natural Sciences, Philadelphia, Pennsylvania, USA.
BMNH	= The Natural History Museum, London, UK.
BPBM	= Bernice Pauahi Bishop Museum, Honolulu, Hawai'i, USA.
BYU	= Brigham Young University, Provo, California, USA.
CAS	= California Academy of Sciences, San Francisco, California, USA.
CNC	= Canadian National Collection, Ottawa, Ontario, Canada.
CUE	= Cairo University, Cairo, Egypt.
DEI	= Deutsches Entomologisches Institut, Eberswalde, Germany.
ESEC	= Entomological Society of Egypt, Cairo, Egypt.
HNHM	= Hungarian Natural History Museum, Budapest, Hungary (most Diptera types destroyed during 1956 insurrection).
INPC	= National Pusa Collection, New Delhi, India.
KBIN	= Royal Belgian Institute of Natural History, Brussels, Belgium.
MABC	= Marcos Báez personal collection, Tenerife, Canary Islands.
MACN	= Museo Argentino de Ciencias Naturales, Buenos Aires, Argentina.
MCSN	= Museo Civico di Storia Naturali "Giacamo Doria", Genoa, Italy.
MCSV	= Museo Civico di Storia Naturali di Venezia, Venice, Italy.
MEUC	= Universidad de Chile, Santiago, Chile.
MNHN	= Museum National d'Histoire Naturelle, Paris, France.
MSNM	= Museo Civico di Storia Naturale, Milan, Italy.
MZHF	= Museum of Zoology, University of Helsinki, Helsinki, Finland.
MZLU	= Zoological Museum, University of Lund, Lund, Sweden.
MZUN	= Museo dell'Istituto di Zoologia dell'Università di Napoli, Naples, Italy.
NLE	= Neal L. Evenhuis personal collection, Honolulu, USA.
NMBA	= Naturhistorisches Museum, Admont, Austria.
NMNW	= National Museum of Namibia, Windhoek, Namibia.
NMSA	= Natal Museum, Pietermaritzburg, South Africa.
NMW	= Naturhistorisches Museum, Vienna, Austria.
NMWC	= National Museum of Wales, Cardiff, UK.
PMHU	= Paläontologisches Museum, Humboldt-Universität, Berlin, Germany.
PPDD	= Ministry of Agriculture, Cairo, Egypt.
PPRI	= National Collection of Insects, Pretoria, South Africa.
QM	= Queensland Museum, Brisbane, Australia.
SAM	= South Australian Museum, Adelaide, Australia.
SAMC	= South Africa Museum, Cape Town, South Africa.
SIZK	= Schmalhausen Institute of Zoology, Kiev, Ukraine.
SMNS	= Museum für Naturkunde, Stuttgart, Germany.
TAU	= Tel Aviv University, Tel Aviv, Israel.
UCD	= University of California, Davis, California, USA.
UNKN	= Type depository unknown or not traced in this study.
USNM	= National Museum of Natural History, Washington, D.C., USA.
ZIS	= Zoological Institute, Russian Academy of Science, St. Petersburg, Russia.
ZMHB	= Museum für Naturkunde, Humboldt-Universität, Berlin, Germany.
ZMUC	= Zoologisk Museum, University of Copenhagen, Copenhagen, Denmark.
ZMUH	= Zoologisches Museum und Institut, Hamburg, Germany.
ZMUM	= Zoological Museum, University of Moscow, Russia.
ZSMC	= Zoologische Staatssammlung des Bayern, Munich, Germany.

12. Miscellaneous annotations: *Nomina nuda* are listed under their current synonym (if known), without type locality or distributional information, and are followed by “*Nomen nudum*.” When synonymy is not known for *nomina nuda*, they are listed alphabetically under the currently accepted generic combination. New combinations and/or synonymy for *nomina nuda* are not annotated as such.

Other annotations are added in brackets for various circumstances such as nomenclatural actions that clarify usage, etc.

13. Abbreviations and symbols: The following abbreviations and symbols are used throughout the catalog:

†	= fossil taxon
[A]	= amber fossil
[C]	= compression/impression fossil
Code	= <i>International Code of Zoological Nomenclature</i>
ed(s).	= editor(s)
f.	= form
I.C.Z.N.	= International Commission on Zoological Nomenclature
I(s)	= Island(s)
<i>in litt.</i>	= <i>in litteris</i>
Mt(s)	= Mount/Mountain(s)
N. COMB.	= New combination
n.n.	= new replacement name (used only for new names proposed in this work)
N. STAT.	= new status (e.g., from subgenus to genus)
N. SYN.	= New synonymy
p.	= page(s)
pers. comm.	= personal communication
var.	= variety

Treatment of Geographical Information

1. Zoogeographical realm delimitation: The zoogeographical realms used here are Afrotropical, Australasian, Nearctic, Neotropical, Oriental, and Palearctic. Delimitation of the Afrotropical and Australasian realms are based primarily on the boundaries used in those regional Diptera catalogs (cf. Crosskey, 1980; Evenhuis, 1989). The boundaries for the remainder of these realms are based on political boundaries as this provided a convenient and absolute delimitation, though they may be at odds with realms from a zoological standpoint.

For the delimitation between the Nearctic and Neotropical Regions, the boundaries in Mexico are based on the following:

Nearctic (Aguascalientes, Baja California Norte, Baja California Sur, Chihuahua, Coahuila de Zaragoza, Colima, Distrito Federal, Durango, Guanajuato, Guerrero, Hidalgo, Jalisco, México, Michoacán de Ocampo, Morelos, Nayarit, Nuevo León, Puebla, Querétaro de Arteaga, San Luis Potosí, Sinaloa, Sonora, Tamaulipas, Tlaxcala, Veracruz-Llave, Zacatecas). **Neotropical** (Campeche, Chiapas, Oaxaca, Quintana Roo, Tabasco, Yucatán). For the delimitation of the Oriental and Palearctic Regions, the boundaries in China are based on the following:

Oriental (Fujian, Guangdong, Guangxi, Guizhou, Hainan, Hong Kong, Hunan, Jiangxi, Shanghai, Yunnan, Zhejiang); **Palearctic** (Anhui, Beijing, Gansu, Hebei, Heilongjiang, Henan, Hubei, Jiangsu, Jilin, Liaoning, Nei Monggol, Ningxia, Qinghai, Shanxi, Shaanxi, Shandong, Sichuan, Tianjin, Xinjiang, Xizang).

2. Type localities: Only the country, island group, or state or province are listed depending on the format. In cases where the original citation of the type locality differs from a contemporary geopolitical entity, the country or main geopolitical unit of the type locality is cited in full as given in the original publication and placed in quotes. The type locality is followed by supplemental distributional information, if known, separated from the type locality by a semicolon. When more than one type locality is listed by the author and no lectotype has been designated, these localities are listed with each locality connected by an ampersand, or are cited verbatim, e.g., “Greece” & “Turkey”; “Nouvelle-Hollande, côte orientale.” When a lectotype has been designated from one of the original localities, only the lectotype locality is listed without further annotation.

Some countries and island groups are broken down to states, provinces, archipelagos, overseas or other outside dependencies, and smaller island groups. These “sublocalities” are placed in parentheses after the main locality, e.g., “Australia (NSW),” “USA (California)”.

If the type locality was not given in the original description or in any other part of the original work, the term “Not given” is used.

3. Fossil Taxa: Species originally described from fossils are listed with form of preservation (amber, or compression/impression), their known geographical distribution, as well as their geological horizon (e.g., Miocene, Oligocene, Eocene).

4. Distribution: Complete distributional information as is known from the literature is listed in alphabetical order with additional records from unpublished information that has been verified to the best possible extent. Localities preceded by a query are considered questionable for purposes of this catalog.

5. Abbreviations: The following abbreviations are used in the geographical treatment of the catalog:

ACT	= Australian Capital Territory (Australia)
AF	= Afrotropical
AU	= Australasian/Oceanian
CET	= Central European Territory (Russia)
DC	= District of Columbia (USA)
ES	= Eastern Siberia (Russia)
incl.	= including
NE	= Nearctic
NET	= Northern European Territory (Russia)
NSW	= New South Wales (Australia)
NT	= Northern Territory (Australia)
NO	= Neotropical
OR	= Oriental
PA	= Palaearctic
PI	= Patria Ignota
SA	= South Australia (Australia)
SET	= Southern European Territory (Russia)
U.S.	= United States
USA	= United States of America
WA	= Western Australia (Australia)
WS	= Western Siberia (Russia)

5. Geographical equivalents: Countries and states and provinces within countries listed in the distribution for each species follow current Anglo-American orthography. An exception is the eastern European republic of Georgia, for which is used “Gruzia” so as to avoid confusion with the American state of Georgia.

6. Geographical areas broken down below country level: The following countries are broken down to state/province/island, etc. Most countries selected are those with more than 1 million square miles of total area: Australia, Canada, India, Mexico, Russia, South Africa, United Kingdom, and the United States. The following countries have off-shore islands or island-groups listed in parentheses: France, Greece, and Italy.

NOMENCLATURAL SUMMARY

New combinations

- Cephalodromia amnicola* (Bowden, 1965) (from *Cyrtosia*), **n. comb.**
Cephalodromia cognata (Engel, 1933) (from *Cyrtosia*), **n. comb.**
Cephalodromia gobica (Zaitzev, 1972) (from *Cyrtosia*), **n. comb.**
Cephalodromia pusaensis (Kapoor & Agarwal, 1979) (from *Glabellula*), **n. comb.**
Cephalodromia seia (Séguy, 1963) (from *Cyrtosia*), **n. comb.**
Cephalodromia simproposcis (Kapoor & Agarwal, 1979) (from *Glabellula*), **n. comb.**
Mythenteles asiatica (Evenhuis, 1981) (from *Mythicomyia*), **n. comb.**
Mythenteles indica (Brunetti, 1917) (from *Empidideicus*), **n. comb.**
Mythenteles rigirostris (Evenhuis, 1981) (from *Mythicomyia*), **n. comb.**
Mythicomyia collina (Philippi, 1866) (from *Cyrtoma*), **n. comb.**

New synonymies

GENUS-GROUP NAMES:

Mythastrabes Hall & Evenhuis, 1986 is a junior synonym of *Heterhybos* Brèthes, 1919,
n. syn.

SPECIES-GROUP NAMES:

- Glabellula nanella* Melander, 1950 is a junior synonym of *Glabellula fasciata* Melander,
1950, **n. syn.**
Glabellula pumila Melander, 1950 is a junior synonym of *Glabellula fasciata* Melander,
1950, **n. syn.**
Mythicomyia melania Hall, 1976 is a junior synonym of *Mythicomyia collina* (Philippi,
1866), **n. syn.**
Mythicomyia candida Tabet & Hall, 1987 is a junior synonym of *Mythicomyia ornatula*
Melander, 1961, **n. syn.**
Mythicomyia lunulata Tabet, 2001 is a junior synonym of *Mythicomyia ornatula* Melander,
1961, **n. syn.**

New replacement names

Mythicomyia cocollina Evenhuis, **n. n.** (for *Mythicomyia collina* Hall, 1976; preoccupied
by Philippi, 1965).

THE CATALOG

Subfamily PSILODEROIDINAE Hull

Genus **ACRIDOPHAGUS** Evenhuis

Cyrtomorpha White, 1916: 185. Type species: *Cyrtomorpha paganica* White, 1916, by monotypy. [Preoccupied by Graff, 1882.]

Robertsella Evenhuis, 1978: 247 (new replacement name for *Cyrtomorpha* White, 1916). Type species: *Cyrtomorpha paganica* White, 1916, automatic. [Preoccupied by Guinot, 1969.]

ACRIDOPHAGUS Evenhuis, 1983a: 318 (new replacement name for *Robertsella* Evenhuis, 1978). Type species: *Cyrtomorpha paganica* White, 1916, automatic.

flaviscutellaris

Cyrtomorpha flaviscutellaris Roberts, 1929: 566. TYPE LOCALITY: Australia (Western Australia) [H in AMS*].

DISTRIBUTION: **Australasian**: Australia (Western Australia).

paganicus

Cyrtomorpha paganica White, 1916: 186. TYPE LOCALITY: Australia (Tasmania) [H in BMNH].

DISTRIBUTION: **Australasian**: Australia (Tasmania).

Genus **ONCHOPELMA** Hesse

ONCHOPELMA Hesse, 1938: 973. Type species: *Onchopelma pulchella* Hesse, 1938, by original designation.

brevifasciatum

Onchopelma brevifasciatum Evenhuis, 2002c: 3. TYPE LOCALITY: Namibia [H in NMNW*].

DISTRIBUTION: **Afrotropical**: Namibia.

irwini

Onchopelma irwini Evenhuis, 2002c: 6 TYPE LOCALITY: Namibia [H in NMNW*].

DISTRIBUTION: **Afrotropical**: Namibia.

karooanum

Onchopelma karooanum Hesse, 1967: 105. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

majus

Onchopelma majus Evenhuis, 2002c: 7. TYPE LOCALITY: Namibia [H in NMNW*].

DISTRIBUTION: **Afrotropical**: Namibia.

nitidum

Onchopelma nitidum Evenhuis, 2002c: 9. TYPE LOCALITY: Namibia [H in CAS*].

DISTRIBUTION: **Afrotropical**: Namibia.

pulchellum

Onchopelma pulchella Hesse, 1938: 976. TYPE LOCALITY: Namibia [H in BMNH*].
DISTRIBUTION: **Afrotropical**: Namibia.

trilineatum

Onchopelma trilineata Hesse, 1938: 978. TYPE LOCALITY: Namibia [H in BMNH*].
DISTRIBUTION: **Afrotropical**: Namibia.

Genus **PALAEOPLATYPYGUS** Kovalev

PALAEOPLATYPYGUS Kovalev in Kalugina & Kovalev, 1985: 186. Type species:
Palaeoplatypygus zaitzevi Kovalev, 1985, by original designation.

zaitzevi†

Palaeoplatypygus zaitzevi Kovalev in Kalugina & Kovalev, 1985: 187. TYPE LOCALITY: Russia (Siberia) [H in ZMUM*].
DISTRIBUTION: **Palaeartic**: Russia (Siberia) (Jurassic) [C].

Genus **PROCYRTOSIA** Zaitzev

PROCYRTOSIA Zaitzev, 1986: 817 [1987: 152]. Type species: *Procyrtosia sukatshevae* Zaitzev, 1986, by original designation.

sukatshevae†

Procyrtosia sukatshevae Zaitzev, 1986: 817 [1987: 152]. TYPE LOCALITY: Russia (WS) [H in ZMUM*].
DISTRIBUTION: **Palaeartic**: Russia (WS) (Cretaceous) [A].

Genus **PROPLATYPYGUS** Hennig

PROPLATYPYGUS Hennig, 1969: 58. Type species: *Proplatypygus succineus* Hennig, 1969, by monotypy.

rohdendorfi†

Proplatypygus rohdendorfi Zaitzev, 1986: 815. TYPE LOCALITY: USSR (WS) [H in ZMUM*].
DISTRIBUTION: **Palaeartic**: Russia (WS) (Cretaceous) [A].

succineus†

Proplatypygus succineus Hennig, 1969: 58. TYPE LOCALITY: Baltic [H in ZMUC*].
DISTRIBUTION: **Palaeartic**: Baltic (Eocene/Oligocene) [A].

Genus **PSILODEROIDES** Hesse

PSILODEROIDES Hesse, 1967: 121. Type species: *Psiloderoides mansfieldi* Hesse, 1967, by original designation.

mansfieldi

Psiloderoides mansfieldi Hesse, 1967: 126. TYPE LOCALITY: South Africa (Northern Province) [H in PPRI*].
DISTRIBUTION: **Afrotropical**: South Africa (Northern Province).

Subfamily PLATYPYGINAE Verrall

Genus **AHESSEA** Greathead & Evenhuis

AHESSEA Greathead & Evenhuis, 2001b: 132. Type species: *Cyrtisiopsis crassirostris* Hesse, 1967, by original designation.

crassirostris

Cyrtisiopsis crassirostris Hesse, 1967: 98. TYPE LOCALITY: South Africa (Eastern Cape) [L designated by Evenhuis (1993: 95) in SAMC*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape).

Genus **CEPHALODROMIA** Becker

CEPHALODROMIA Becker, 1914: 121. Type species: *Cephalodromia curvata* Becker, 1914, by monotypy.

Ceratolaemus Hesse, 1938: 969 (as subgenus of *Platypygus* Loew). Type species: *Platypygus xanthogrammus* Hesse, 1938, by original designation.

ammicola, N. COMB.

Cyrtosia ammicola Bowden, 1965: 203. TYPE LOCALITY: Nepal [H in BMNH*].

DISTRIBUTION: **Oriental**: Nepal.

beckeri

Epidideicus beckeri Bezzi, 1908: 180. South Africa. TYPE LOCALITY: South Africa (Northern Cape) [H (destroyed; see Evenhuis, 1993: 93) in ZMHB].

Epidideicus beckeri: Becker in Becker, Kuntze, Schnabl & Villeneuve, 1910: 637 (misspelling for *beckeri*).

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

bicolor

Cyrtosia bicolor Santos Abreu, 1926: 44. TYPE LOCALITY: Canary Is. [1S in MABC (see Note 5)].

DISTRIBUTION: **Palaeartic**: Canary Is.

bilineata

Ceratolaemus bilineatus Hesse, 1967: 102. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

cognata, N. COMB.

Cyrtosia cognata Engel, 1933: 107. TYPE LOCALITY: Israel [S in UNKN].

Cyrtosia cognata var. *tresignata* Engel, 1933: 108. TYPE LOCALITY: “Palaestina” [H in UNKN].

DISTRIBUTION: **Palaeartic**: Israel.

colonica

Ceratolaemus colonica Deeming, 1973: 64. *Nomen nudum*.

curvata

Cephalodromia curvata Becker, 1914: 121. TYPE LOCALITY: Kenya [T in UNKN].

DISTRIBUTION: **Afrotropical**: Kenya.

dumonti

Ceratolaemus dumonti Séguy, 1930a: 98 [1930b: 80]. TYPE LOCALITY: Tunisia [H in MNHN*].

DISTRIBUTION: **Palaeartic**: Tunisia.

flava

Cyrtosia flava Séguy, 1930a: 98 [1930b: 79]. TYPE LOCALITY: Tunisia [H in MNHN*].

DISTRIBUTION: **Palaeartic**: Tunisia.

fusca

Cyrtosia fusca Séguy, 1938: 332. TYPE LOCALITY: Kenya [6S in MNHN*].

DISTRIBUTION: **Afrotropical**: Gambia, Kenya, Mozambique, Namibia, South Africa (KwaZulu-Natal), Swaziland.

gobica, N. COMB.

Cyrtosia gobica Zaitzev, 1972: 854. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

humeralis

Cyrtosia humeralis Santos Abreu, 1926: 47. TYPE LOCALITY: Canary Is [1S in MABC (see Note 5)].

DISTRIBUTION: **Palaeartic**: Canary Is.

longirostris

Ceratolaemus longirostris Hesse, 1967: 103. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in NMSA*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

montana

Ceratolaemus montanus Hesse, 1967: 103. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

nitens

Cyrtosia nitens Loew, 1846: 421. TYPE LOCALITY: Italy & Italy (Sicily) [1S in ZMHB*].

DISTRIBUTION: **Palaeartic**: Egypt, Italy (incl. Sicily).

ornatifrons

Cyrtosia ornatifrons Séguy, 1932: 160. TYPE LOCALITY: Madagascar [2S in MNHN*].

DISTRIBUTION: **Afrotropical**: Madagascar.

pusaensis, N. COMB.

Glabellula pusaensis Kapoor & Agarwal, 1979: 409. TYPE LOCALITY: India (Bihar) [H in INPC].

DISTRIBUTION: **Oriental**: India (Bihar).

scutellaris

Cyrtosia scutellaris Bezzi, 1926: 259 (key only). TYPE LOCALITY: South Africa (Mpumalanga) [1S (destroyed; see Note 3) in HNHM; 1S in MSNM].

DISTRIBUTION: **Afrotropical**: South Africa (Mpumalanga).

seia, N. COMB.

Cyrtsosia seia Séguy, 1963: 253. TYPE LOCALITY: “Paita” [= China (Guangdong)] [2S in MNHN].

DISTRIBUTION: **Oriental:** China (Guangdong).

simproboscis, N. COMB.

Glabellula simproboscis Kapoor & Agarwal, 1979: 410. TYPE LOCALITY: India (Bihar) [H in INPC].

DISTRIBUTION: **Oriental:** India (Bihar).

xanthogramma

Platypygus xanthogrammus Hesse, 1938: 971. TYPE LOCALITY: South Africa (Kwa-Zulu-Natal) [H in BMNH*].

DISTRIBUTION: **Afrotropical:** South Africa (KwaZulu-Natal), Tanzania.

Genus **CYRTISIOPSIS** Séguy

CYRTISIOPSIS Séguy, 1930b: 80. Type species: *Cyrtsiopsis singularis* Séguy, 1930, by original designation.

algirus

Platypygus algirus Paramonov, 1929: 137(199). TYPE LOCALITY: “Oran” [= Algeria] [H (destroyed; see Note 2) in ZMUH].

DISTRIBUTION: **Palaeartic:** Algeria.

americanus, N. COMB.

Platypygus americanus Melander, 1950a: 140. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic:** USA (California).

melleus

Platypygus melleus Loew, 1856: 31. TYPE LOCALITY: Egypt [1S in ZMHB*].

DISTRIBUTION: **Palaeartic:** Algeria, Armenia, Azerbaijan, Egypt, France, Greece, Gruzia, Iran, Italy (incl. Sardinia), Jordan, Morocco, Russia, Spain, Tajikistan, Turkey, Turkmenistan, Ukraine.

singularis

Cyrtsiopsis singularis Séguy, 1930b: 80. TYPE LOCALITY: Libya & Spain & Morocco [4S in MNHN*; 1S in MCSN].

DISTRIBUTION: **Palaeartic:** Libya, Morocco, Spain.

Genus **CYRTOSIA** Perris

CYRTOSIA Perris, 1839: 54. Type species: *Cyrtsosia marginata* Perris, 1839, by monotypy.

abragi

Cyrtsosia abragi Efflatoun, 1945: 38. TYPE LOCALITY: Egypt [3S in ESEC (9 lost; see Note 1); 11S in CUE].

DISTRIBUTION: **Palaeartic:** Egypt.

aglota

Cyrtsosia aglota Séguy, 1930a: 98 [1930b: 79]. TYPE LOCALITY: Algeria [2S in MNHN*].

DISTRIBUTION: **Palaeartic:** Algeria, Morocco.

albocincta

Cyrtosia albocincta Séguy, 1930a: 98 [1930b: 79]. TYPE LOCALITY: Tunisia [3S in MNHN*].

DISTRIBUTION: **Palaeartic**: Tunisia.

canariensis

Cyrtosia tetragramma var. *canariensis* Engel, 1933: 116. TYPE LOCALITY: Canary Is [H in ZMHB*].

Cyrtosia canariensis f. *tenuis* Frey, 1958a: 15, 17. TYPE LOCALITY: Canary Is [T in MZHF].

DISTRIBUTION: **Palaeartic**: Canary Is.

chongorica

Cyrtosia chongorica Zaitzev, 1975: 549. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

cinerascens

Cyrtosia cinerascens Loew, 1873: 207. TYPE LOCALITY: Tajikistan [T in UNKN].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan, Uzbekistan.

flavorufa

Cyrtosia flavorufa Strobl, 1909: 151. TYPE LOCALITY: Spain [H in NMBA].

Cyrtosia rufoflava: Morge, 1976: 420 (misspelling of *Cyrtosia flavorufa*).

DISTRIBUTION: **Palaeartic**: Spain.

geniculata

Cyrtosia geniculata Séguy, 1930b: 80. TYPE LOCALITY: Tunisia [H in MNHN*].

DISTRIBUTION: **Palaeartic**: Tunisia.

gulperii

Cyrtosia gulperii Efflatoun, 1945: 40. TYPE LOCALITY: Egypt [5S in CUE; 11S (1 lost; see Note 1) in ESEC].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Egypt.

injii

Cyrtosia injii Efflatoun, 1945: 41. TYPE LOCALITY: Egypt [11S in CUE; 5S (8 lost; see Note 1) in ESEC].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Egypt.

jeanneli

Cyrtosia jeanneli Séguy, 1949a: 84. TYPE LOCALITY: Algeria [1S in MNHN*].

DISTRIBUTION: **Palaeartic**: Algeria.

luteiventris

Cyrtosia luteiventris Bezzi, 1926: 262. TYPE LOCALITY: Egypt [H (destroyed; see Note 1) in PPDD].

Cyrtosia luteiventris var. *minima* Efflatoun, 1945: 45 TYPE LOCALITY: Egypt [S in ESEC].

DISTRIBUTION: **Palaeartic**: Egypt.

maculithorax

Cyrtosia maculithorax Engel, 1933: 113. TYPE LOCALITY: Tunisia [H in ZMHB*].

DISTRIBUTION: **Palaearctic:** Tunisia.

marginata

Cyrtosia marginata Perris, 1839: 56. TYPE LOCALITY: France [2S in MNHN*].

DISTRIBUTION: **Palaearctic:** Canary Is, Egypt, France, Italy, Morocco, Yugoslavia.

meridionalis

Cyrtosia meridionalis Rondani, 1863: 73 [1864: 73]. TYPE LOCALITY: Italy [T in UNKN].

DISTRIBUTION: **Palaearctic:** Egypt, France, Iran, Italy (incl. Sardinia), Mongolia, Spain, Tajikistan, Turkmenistan.

namaquensis

Cyrtosia namaquensis Hesse, 1967: 94. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC*].

DISTRIBUTION: **Afrotropical:** South Africa (Northern Cape).

nigrescens

Cyrtosia nigrescens Zaitzev, 1972: 850. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaearctic:** Mongolia, Russia (WS).

nitidissima

Cyrtosia nitidissima Engel, 1933: 111. TYPE LOCALITY: Algeria [H in NMW*].

DISTRIBUTION: **Palaearctic:** Algeria.

nubila

Empidideicus nubilus Bezzi, 1925: 188. TYPE LOCALITY: Egypt [1S in MSNM].

DISTRIBUTION: **Afrotropical:** Ethiopia, Sudan. **Palaearctic:** Egypt.

obscuripes

Cyrtosia obscuripes Loew, 1855: 39. TYPE LOCALITY: Greece [H in ZMHB*].

DISTRIBUTION: **Palaearctic:** Greece, Gruzia, Italy, Kazakhstan, Tunisia, Turkmenistan, Uzbekistan, Yugoslavia.

occidentalis

Cyrtosia occidentalis Rondani, 1863: 74 [1864: 73]. TYPE LOCALITY: Italy [T in UNKN].

DISTRIBUTION: **Palaearctic:** Italy.

opaca

Cyrtosia opaca Loew, 1846: 420. TYPE LOCALITY: Not given [= Italy (Sicily)] [2S in ZMHB*].

DISTRIBUTION: **Afrotropical:** Sudan. **Palaearctic:** Egypt, Greece, Italy (incl. Sicily), Yugoslavia.

pallipes

Cyrtosia pallipes Costa, 1885: 324. TYPE LOCALITY: Italy (Sardinia) [H in MZUN].

DISTRIBUTION: **Palaearctic:** Italy (incl. Sardinia).

parvissima

Cyrtosia parvissima Roberts, 1929: 567. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian**: Australia (Queensland).

perfecta

Epidideicus perfectus Becker in Becker, Kuntze, Schnabl & Villeneuve, 1910: 637.

TYPE LOCALITY: France (Corsica) [H in ZMHB*].

DISTRIBUTION: **Palaeartic**: France (incl. Corsica), Italy (incl. Sardinia).

pruinosa

Cyrtosia pruinosa François, 1969: 114. TYPE LOCALITY: Spain [H in ZMUC].

DISTRIBUTION: **Palaeartic**: Spain.

pusilla

Cyrtosia pusilla Loew, 1873: 206. TYPE LOCALITY: “Kisilkum” [= Uzbekistan] [H in ZMHB*].

DISTRIBUTION: **Palaeartic**: Egypt, Iran, Kazakhstan, Mongolia, Saudi Arabia, Tajikistan, Turkmenistan, Uzbekistan

separata

Cyrtosia separata Efflatoun, 1945: 51. TYPE LOCALITY: Egypt [H in ESEC].

DISTRIBUTION: **Palaeartic**: Egypt.

serena

Epidideicus serena Becker, 1915: 329. TYPE LOCALITY: Tunisia [T in ZMHB].

DISTRIBUTION: **Palaeartic**: Greece, Tunisia.

stuckenbergi

Cyrtosia stuckenbergi Hesse, 1967: 95. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

subnitens

Cyrtosia subnitens Zaitzev, 1972: 854. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

tetragramma

Cyrtosia tetragramma Bezzi, 1926: 261. TYPE LOCALITY: Egypt [H (destroyed; see Note 1) in ESEC].

DISTRIBUTION: **Palaeartic**: Egypt.

tibiella

Cyrtosia tibiella Morge, 1976: 365. *Nomen nudum*.

Genus **PLATYPYGUS** Loew

PLATYPYGUS Loew, 1844: 127. Type species: *Platypygus chrysanthemi* Loew, 1844, by monotypy.

Popsia Costa, 1863: 52. Type species: *Popsia ridibundus* Costa, 1863, by monotypy.

bellus

Platypygus bellus Loew, 1869: 251. TYPE LOCALITY: Russia [1S in ZMHB*].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Egypt, Gruzia, Russia, Turkey.

chrysanthemi

Platypygus chrysanthemi Loew, 1844: 127. TYPE LOCALITY: Greece (Rhodes) & “Inseln des griechischen Archipels” [4S in ZMHB*].

DISTRIBUTION: **Palaearctic:** Egypt, Greece (incl. Rhodes), Italy (incl. Sicily), Lebanon, Syria, Yugoslavia.

kassanovskiji

Platypygus kassanovskiji Hull, 1973: 262. *Nomen nudum*.

kurdorum

Platypygus kurdorum Paramonov, 1929: 157, 158, 159(221, 222, 223). TYPE LOCALITY: Turkey [H in DEI*].

Platypygus kurdorum var. *persicus* Paramonov, 1934: 18. TYPE LOCALITY: “Persien” [= Iran] [L designated by Zaitzev & Kandybina (1983: 32) in ZIS].

DISTRIBUTION: **Palaearctic:** Armenia, Azerbaijan, Gruzia, Iran, Turkey.

lativentris

Platypygus lativentris Loew, 1873: 202. TYPE LOCALITY: Tajikistan [1S in ZMHB*].

DISTRIBUTION: **Palaearctic:** Egypt, Tajikistan, Uzbekistan.

limatus

Platypygus limatus Séguy, 1963: 254. TYPE LOCALITY: “Paita” [= China (Guangdong)] [H in MNHN].

DISTRIBUTION: **Oriental:** China (Guangdong).

maculiventris

Platypygus maculiventris Loew, 1874: 416. TYPE LOCALITY: Iran [H (lost?) in ZMHB].

DISTRIBUTION: **Palaearctic:** Egypt, Iran.

melinoproctus

Platypygus melinoproctus Loew, 1873: 203. TYPE LOCALITY: “Fan” [= Tajikistan] [5S in ZMHB*].

DISTRIBUTION: **Palaearctic:** Armenia, Azerbaijan, Egypt, Iran, Italy, Syria, Tajikistan, Turkmenistan.

natalensis

Platypygus natalensis Hesse, 1967: 97. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in NMSA*].

DISTRIBUTION: **Afrotropical:** South Africa (KwaZulu-Natal).

pumilio

Platypygus pumilio Loew, 1873: 204. TYPE LOCALITY: Uzbekistan [6S in ZMHB*].

DISTRIBUTION: **Palaearctic:** Egypt, Tajikistan, Uzbekistan.

ridibundus

Popsia ridibundus Costa, 1863: 52. TYPE LOCALITY: Not given [= Italy] [T in MZUN].

Platypygus tauricus Paramonov, 1926: 88. TYPE LOCALITY: “Krym” [= Ukraine] [37S in ZMHB*; 3S in SIZK].

DISTRIBUTION: **Palaearctic:** Armenia, Azerbaijan, Bulgaria, Croatia, Egypt, France, Greece, Gruzia, Hungary, Italy, Romania, Russia, Slovenia, Spain, Ukraine.

turkmenorum

Platypygus turkmenorum Paramonov, 1929: 145(209). TYPE LOCALITY: Turkmenistan [1S in ZMHB*; 1S in SIZK].

DISTRIBUTION: **Palearctic**: Turkmenistan, Uzbekistan.

Subfamily GLABELLULINAE Cockerell

Genus **DOLIOPTERYX** Hesse

Doliopteryx Hesse, 1938: 39, 968. *Nomen nudum*.

Doliopteryx Melander, 1946: 454. *Nomen nudum*.

Doliopteryx Hesse, 1956a: 15. *Nomen nudum*.

DOLIOPTERYX Hesse, 1956b: 936. Type species: *Doliopteryx crocea* Hesse, 1956, by original designation.

arava

Doliopteryx arava Evenhuis, 2000: 121. TYPE LOCALITY: Israel [H in TAU*].

DISTRIBUTION: **Palaeartic**: Israel.

crocea

Doliopteryx crocea Hesse, 1956b: 938. TYPE LOCALITY: Namibia [L designated by Evenhuis (1993: 95) in BMNH*].

DISTRIBUTION: **Afrotropical**: Namibia.

diamondis

Doliopteryx diamondis Evenhuis, 2000: 124. TYPE LOCALITY: Namibia [H in NMNW*].

DISTRIBUTION: **Afrotropical**: Namibia.

dichroma

Doliopteryx dichroma Evenhuis, 2000: 125. TYPE LOCALITY: Namibia [H in NMNW*].

DISTRIBUTION: **Afrotropical**: Namibia.

ecphata

Doliopteryx ecphata Evenhuis, 2000: 127. TYPE LOCALITY: Namibia [H in NMNW*].

DISTRIBUTION: **Afrotropical**: Namibia.

nigrescens

Doliopteryx nigrescens Hesse, 1956b: 940. TYPE LOCALITY: Namibia [H in BMNH*].

DISTRIBUTION: **Afrotropical**: Namibia.

omanae

Doliopteryx omanae Evenhuis, 2000: 129. TYPE LOCALITY: Oman [H in NMWC*].

DISTRIBUTION: **Palaeartic**: Oman.

palaestinensis

Doliopteryx palaestinensis Evenhuis & Theodor *in* Evenhuis, 2000: 129. TYPE LOCALITY: Israel [H in TAU*].

DISTRIBUTION: **Palaeartic**: Egypt, Israel.

pallida

Doliopteryx pallida Evenhuis, 2000: 131. TYPE LOCALITY: Zimbabwe [H in NMSA*].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

splendida

Doliopteryx splendida Evenhuis, 2000: 132. TYPE LOCALITY: Namibia [H in NMNW*].

DISTRIBUTION: **Afrotropical**: Namibia.

tigrina

Doliopteryx tigrina Evenhuis, 2000: 133. TYPE LOCALITY: South Africa (Northern Cape) [H in NMSA*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

welwitschia

Doliopteryx welwitschia Evenhuis, 2000: 133. TYPE LOCALITY: Namibia [H in NMNW*].

DISTRIBUTION: **Afrotropical**: Namibia.

Genus **GLABELLULA** Bezzi

Platygaster Zetterstedt, 1838: 574. Type species: *Platygaster arcticus* Zetterstedt, 1838, by monotypy. [Preoccupied by Latreille, 1809.]

Sphaerogaster Zetterstedt, 1842: 232 (new replacement name for *Platygaster* Zetterstedt, 1838). Type species: *Platygaster arcticus* Zetterstedt, 1838, automatic. [Not preoccupied by Sturm, 1826.]*

Glabella Loew, 1873: 210. Type species: *Glabella femorata* Loew, 1873, by monotypy. [Preoccupied by Swainson, 1840.]

GLABELLULA Bezzi, 1902: 191 (new replacement name for “*Platygaster* ... und *Sphaerogaster* ... und *Glabella*”). Type species: *Platygaster arcticus* Zetterstedt, 1838, by subsequent designation (I.C.Z.N., 1989: 148). [Name valid by I.C.Z.N. Code Article 23.9.2.]*

Pachyneres Greene, 1924: 62. Type species: *Pachyneres crassicornis* Greene, 1924, by monotypy.

Proglabellula† Hennig, 1966: 15. Type species: *Proglabellula electrica* Hennig, 1966, by monotypy.

arctica

Platygaster arctica Zetterstedt, 1838: 574. TYPE LOCALITY: Sweden [T in MZLU].

DISTRIBUTION: **Palaeartic**: Czech Republic, Denmark, Finland, Netherlands, Norway, Russia, Slovakia, Sweden, Switzerland.

australis

Pachyneres australis Malloch, 1924: 205. TYPE LOCALITY: Australia (NSW) [H in AMS*].

DISTRIBUTION: **Australasian**: Australia (ACT, NSW, Queensland, Tasmania).

binotata

Glabellula binotata Hall & Evenhuis, 1984: 314. TYPE LOCALITY: USA (Arizona); Mexico [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

canariensis

Glabellula canariensis Frey, 1937: 47. TYPE LOCALITY: Canary Is [H in MZHF].

DISTRIBUTION: **Palaeartic**: Canary Is.

* *Sphaerogaster* Sturm, 1826 is a *nomen nudum* (M. Zarazaga, pers. comm.), so that the replacement name *Glabellula* Bezzi, 1902 is unnecessary. However, *Glabellula* is valid by virtue of I.C.Z.N. Code Article 23.9.1 whereby the criteria of both Articles 23.9.1.1 and 23.9.1.2 are met. *Glabellula* Bezzi, 1902 is hereby valid and a *nomen protectum* by action of Article 23.9.2. *Sphaerogaster* Zetterstedt, 1842 is hereby a *nomen oblitum*. A list of works giving evidence of the validity of the younger name is presented on page 85.

crassicornis

Pachyneres crassicornis Greene, 1924: 62. TYPE LOCALITY: USA (DC) [H in USNM*].
DISTRIBUTION: **Nearctic**: Canada, USA (DC, Idaho, Maryland, Michigan, Montana, New Hampshire, Pennsylvania).

electrica

Proglabellula electrica† Hennig, 1966: 16. TYPE LOCALITY: Baltic (Eocene/Oligocene) [H in ZMUC*].
DISTRIBUTION: **Palaeartic**: Baltic (Eocene/Oligocene) [A].

fasciata

Glabellula fasciata Melander, 1950a: 143. TYPE LOCALITY: USA (Washington) [H in USNM*].
Glabellula nanella Melander, 1950a: 144. TYPE LOCALITY: USA (California) [H in USNM*]. **N. SYN.**
Glabellula pumila Melander, 1950a: 144. TYPE LOCALITY: USA (California) [H in USNM*]. **N. SYN.**
DISTRIBUTION: **Nearctic** USA (California, Idaho, Montana, Washington).

femorata

Glabella femorata Loew, 1873: 208. TYPE LOCALITY: “Utinata” [= Kazakhstan] [H (lost?) in ZMHB].
DISTRIBUTION: **Palaeartic** ?Egypt, Kazakhstan, Turkmenistan, Uzbekistan.

fumipennis

Glabellula fumipennis Hall & Evenhuis, 1984: 318. TYPE LOCALITY: USA (Arizona) [H in USNM*].
DISTRIBUTION: **Nearctic** USA (Arizona).

hannemanni†

Glabellula hannemanni Schumann, 1991: 79. TYPE LOCALITY: Germany (Miocene) [A] [H in PMHU*].
DISTRIBUTION: **Palaeartic** Germany (Miocene).

kuehnei†

Glabellula kuehnei Schlüter, 1976: 358. TYPE LOCALITY: Dominican Republic (Miocene/Oligocene) [A] [H in ZMFU*].
DISTRIBUTION: **Neotropical**: Dominican Republic (Miocene/Oligocene).

meridionalis

Glabellula meridionalis François, 1955: 1. TYPE LOCALITY: Greece [H in KBIN].
DISTRIBUTION: **Palaeartic** Greece, Italy.

metatarsalis

Glabellula metatarsalis Melander, 1950a: 143. TYPE LOCALITY: USA (California) [H in USNM*].
DISTRIBUTION: **Nearctic** USA (California).

natalensis

Glabellula natalensis Hesse, 1967: 106. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in NMSA*].
DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal), Zimbabwe.

nobilis

Glabellula nobilis Kertész, 1912: 638. TYPE LOCALITY: “Bashara-Su” [= Syria] [H (destroyed; see Note 3) in HHNM].

DISTRIBUTION: **Palaeartic**: Israel, Syria, Turkey.

palaestinensis

Glabellula nobilis var. *palaestinensis* Engel, 1933: 119. TYPE LOCALITY: Israel [3S in SMNS].

DISTRIBUTION: **Palaeartic**: Israel.

pinyonicola

Glabellula pinyonicola Edwards, 1988: 314. *Nomen nudum*.

rotundipennis

Glabellula rotundipennis Melander, 1950b: 145. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

sufflava

Glabellula sufflava François, 1969: 120. TYPE LOCALITY: Spain [H in CNC*].

DISTRIBUTION: **Palaearctic**: Spain.

unicolor

Glabellula unicolor Strobl, 1910: 55. TYPE LOCALITY: Austria [H in NMBA].

DISTRIBUTION: **Palaearctic**: Austria, Italy, Switzerland.

Genus **GLELLA** Greathead & Evenhuis

GLELLA Greathead & Evenhuis, 2001b: 121. Type species: *Glabellula quebradae* Hall, 1976, by original designation.

ashleyi

ashleyi Greathead & Evenhuis, 2001b: 122. TYPE LOCALITY: Namibia [H in NMWC*].

DISTRIBUTION: **Afrotropical**: Namibia.

quebradae

Glabellula quebradae Hall, 1976: 86. TYPE LOCALITY: Chile [H in MEUC*].

DISTRIBUTION: **Neotropical**: Chile.

Genus **MNEMOMYIA** Bowden

MNEMOMYIA Bowden, 1975b: 308. Type species: *Mnemomyia rostrata* Bowden, 1975, by original designation.

mellea

Glabellula mellea Bezzi, 1908: 180. TYPE LOCALITY: South Africa (Northern Cape) [H in ZMHB*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

rostrata

Mnemomyia rostrata Bowden, 1975b: 309. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

Subfamily EMPIDIDEICINAE Hull

Genus **EMPIDIDEICUS** Becker

EMPIDIDEICUS Becker, 1907: 97. Type species: *Empidideicus carthaginiensis* Becker, 1907, by monotypy.

Cyrtoides Engel, 1933: 102 (as subgenus of *Empidideicus* Becker). Type species: *Empidideicus eflatouni* Engel, 1933, by monotypy.

Ecliptica Engel, 1933: 103. Unavailable name; name proposed in synonymy with *Cyrtoides* and not made available before 1961.

Anomaloptilus Hesse, 1938: 983 (as subgenus of *Empidideicus* Becker). Type species: *Empidideicus celluliferus* Hesse, 1938, by monotypy.

Aetheoptilus Hesse, 1967: 112 (as subgenus of *Empidideicus* Becker). Type species: *Empidideicus zuluensis* Hesse, 1967, by original designation.

asiaticus

Empidideicus asiaticus Zaitzev, 1971: 893. TYPE LOCALITY: Uzbekistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan, Uzbekistan.

atomus

Anomaloptilus atomus Frey, 1958a: 15. TYPE LOCALITY: Canary Is. [H in MZHF].

DISTRIBUTION: **Palaeartic**: Canary Is.

basutoensis

Empidideicus basutoensis Hesse, 1967: 109. TYPE LOCALITY: Lesotho [H in NMSA*].

DISTRIBUTION: **Afrotropical**: Lesotho,

brevistilus

Empidideicus brevistilus Hesse, 1967: 111. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in NMSA*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

carthaginiensis

Empidideicus carthaginiensis Becker, 1907: 97. TYPE LOCALITY: "Sfax" [= Tunisia] [T in UNKN].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Algeria, Egypt, Israel, Tunisia.

celluliferus

Empidideicus celluliferus Hesse, 1938: 983. TYPE LOCALITY: South Africa (Western Cape) [L designated by in Evenhuis (1993: 94) in BMNH*].

DISTRIBUTION: **Afrotropical**: Botswana, Lesotho, Namibia, South Africa (Western Cape).

completus

Empidideicus completus Bezzi, 1926: 254. TYPE LOCALITY: "d'Assab" [= Eritrea] [T (destroyed; see Note 3) in HHNM].

DISTRIBUTION: **Afrotropical**: Eritrea.

crocea

Cyrtosia crocea Séguéy, 1949b: 155. TYPE LOCALITY: Morocco [3S in MNHN*].

DISTRIBUTION: **Palaeartic**: Morocco.

efflatouni

Empidideicus efflatouni Engel, 1933: 102. TYPE LOCALITY: Egypt [H (?destroyed; see Note 1) in ESEC].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Egypt, Israel, Libya.

freyi

Empidideicus freyi Greathead, 1986: 86. TYPE LOCALITY: Cape Verde Is [H in BMNH*].

DISTRIBUTION: **Afrotropical**: Cape Verde Is.

griseus

Empidideicus griseus Zaitzev, 1972: 856. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

hackmani

Empidideicus hackmani François, 1969: 113. TYPE LOCALITY: Spain [H in CNC*].

DISTRIBUTION: **Palaeartic**: Spain, Italy.

hispanus

Empidideicus hispanus François, 1969: 112. TYPE LOCALITY: Spain [H in ZUMC*].

DISTRIBUTION: **Palaeartic**: Spain, Italy.

hungaricus

Empidideicus hungaricus Thalhammer, 1911: 388. TYPE LOCALITY: Hungary [2S (destroyed; see Note 3) in HHNM].

DISTRIBUTION: **Palaeartic**: France (Corsica), Hungary, Italy.

insularis

Empidideicus insularis Frey, 1958b: 10. TYPE LOCALITY: Cape Verde Is [2S in MZHF].

DISTRIBUTION: **Afrotropical**: Cape Verde Is.

mariouti

Empidideicus mariouti Efflatoun, 1945: 32. TYPE LOCALITY: Egypt [1S in CUE; 4S (1 lost; see Note 1) in ESEC].

DISTRIBUTION: **Palaeartic**: Egypt.

notatus

Empidideicus notatus Hesse, 1967: 108. TYPE LOCALITY: South Africa (Western Cape) [L designated by Evenhuis (1993: 98) in SAMC*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

socotrae

Empidideicus socotrae Greathead & Evenhuis, 2001a: 3. TYPE LOCALITY: Yemen (Sokotra) [H in NMSA*].

DISTRIBUTION: **Afrotropical**: Yemen (Sokotra).

sugonjaevi

Empidideicus sugonjaevi Zaitzev, 1971: 893. TYPE LOCALITY: Kazakhstan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Kirghizistan, Tajikistan.

turkestanicus

Empidideicus turkestanicus Paramonov, 1934: 17, 19 [1947: 88]. TYPE LOCALITY: Not given [= Uzbekistan] [1S in SIZK].

DISTRIBUTION: **Palaeartic**: Mongolia, Uzbekistan.

turneri

Empidideicus turneri Hesse, 1938: 982. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

variegatus

Empidideicus variegatus Greathead & Evenhuis, 2001a: 4. TYPE LOCALITY: Yemen (Sokotra) [H in NMSA*].

DISTRIBUTION: **Afrotropical**: Yemen (Sokotra).

zoyphus

Empidideicus zoyphus Deeming, 1973: 64. *Nomen nudum*.

zuluensis

Empidideicus zuluensis Hesse, 1967: 113. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in NMSA*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

Subfamily LEYLAIYINAE Greathead & Evenhuis

Genus **LEYLAIYA** Efflatoun

LEYLAIYA Efflatoun, 1945: 21. Type species: *Leylaiya mimnermia* Efflatoun, 1945, by original designation.

Euanthobates Hesse, 1965: 482. Type species: *Euanthobates pectinigulus* Hesse, 1965, by original designation.

Acoecus Hull, 1973: 265, 276 (as subgenus of *Euanthobates* Hesse). Type species: *Euanthobates mellivorus* Hesse, 1967, by original designation.

mellivora

Euanthobates mellivorus Hesse, 1967: 117. TYPE LOCALITY: South Africa (Western Cape) [L designated by Evenhuis (1993: 96) in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

mimnermia

Leylaiya mimnermia Efflatoun, 1945: 23. TYPE LOCALITY: Egypt [4S in CUE*; 4S in ESEC].

DISTRIBUTION: **Palaeartic**: Egypt, Israel, Oman.

pectinigula

Euanthobates pectinigulus Hesse, 1965: 483. TYPE LOCALITY: Namibia [H in MZLU*].

DISTRIBUTION: **Afrotropical**: Namibia.

whiteheadi

Leylaiya whiteheadi Greathead & Evenhuis, 2001b: 124. Type locality: South Africa (Northern Cape) [H in SAMC*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

Genus **PSEUDOGLABELLULA** Hesse

PSEUDOGLABELLULA Hesse, 1967: 118. Type species: *Pseudoglabellula meridionalis* Hesse, 1967, by original designation.

meridionalis

Pseudoglabellula meridionalis Hesse, 1967: 120. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

Subfamily MYTHICOMYIINAE Melander

Genus MYTHENTELES Hall & Evenhuis

Cladella Hull, 1973: 273. *Nomen nudum*.

MYTHENTELES Hall & Evenhuis, 1986: 332 (as subgenus of *Mythicomymia* Coquillett).

Type species: *Mythicomymia mutabilis* Melander, 1961 [= *Empidideicus propleuralis* Melander, 1946], by original designation.

Cladella Hall & Evenhuis, 1987: 619. Type species: *Empidideicus propleuralis* Melander, 1946, by original designation.

asiatica, N. COMB.

Mythicomymia asiatica Evenhuis, 1981: 5. TYPE LOCALITY: China (Sichuan) [H in CAS*].

DISTRIBUTION: **Palearctic**: China (Sichuan).

indica, N. COMB.

Empidideicus indicus Brunetti, 1917: 77. TYPE LOCALITY: India (Himachal Pradesh) [H in NZSI].

DISTRIBUTION: **Oriental**: India (Himachal Pradesh).

propleuralis

Empidideicus propleuralis Melander, 1946: 458. TYPE LOCALITY: USA (California) [H in USNM*].

Mythicomymia mutabilis Melander, 1961: 229. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

rigirostris, N. COMB.

Mythicomymia rigirostris Evenhuis, 1981: 6. TYPE LOCALITY: Bangladesh [H in CAS*].

DISTRIBUTION: **Oriental**: Bangladesh.

Genus MYTHICOMYIA Coquillett

MYTHICOMYIA Coquillett, 1893: 209. Type species: *Mythicomymia rileyi* Coquillett, 1893, by monotypy.

Mythiocomymia: Coquillett, 1893: 209 (incorrect original spelling of *Mythicomymia* Coquillett).

Subgenus HETERHYBOS Brèthes, N. STAT.

HETERHYBOS Brèthes, 1919: 40 (as genus). Type species: *Heterhybos hyalipennis* Brèthes, 1919, by original designation.

Mythastrabes Hall & Evenhuis, 1986: 340. Type species *Mythicomymia antecessor* Melander, 1961, by original designation. **N. SYN.**

actoni

Mythicomymia actoni Hall & Evenhuis, 1986: 341. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

agilis

Mythicomomyia agilis Melander, 1961: 180. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

antecessor

Mythicomomyia antecessor Melander, 1961: 182. TYPE LOCALITY: USA (California) [H in USNM*].

Mythicomomyia aureola Melander, 1961: 187. TYPE LOCALITY: USA (California) [H in USNM*].

Mythicomomyia aureola var. *flavida* Melander, 1961: 187. Unavailable name; varietal name proposed after 1960.

Mythicomomyia hoplites Melander, 1961: 212. TYPE LOCALITY: USA (California) [H in USNM*].

Mythicomomyia murina Melander, 1961: 229. TYPE LOCALITY: USA (California) [H in UCR*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California).

atra

Mythicomomyia atra Cresson, 1915: 456. TYPE LOCALITY: USA (New Mexico) [H in ANSP*].

DISTRIBUTION: **Nearctic**: Mexico (Hidalgo, Nuevo León), USA (Arizona, California, Colorado, Idaho, New Mexico, Oregon, Texas, Utah).

auletris

Mythicomomyia auletris Melander, 1961: 186. TYPE LOCALITY: Mexico (Baja California Sur) [H in CAS*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur, Sonora).

aurifera

Mythicomomyia aurifera Melander, 1961: 187. TYPE LOCALITY: USA (California) [H in CAS*].

Mythicomomyia formosa Melander, 1961: 206. TYPE LOCALITY: USA (Arizona) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

bella

Mythicomomyia bella Hall & Evenhuis, 1986: 354. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

bianca

Mythicomomyia bianca Tabet, 1979: 112, 115. *Nomen nudum*.

Mythicomomyia bianca Tabet in Hall & Evenhuis, 1986: 341 [Tabet, 2001: 58]. TYPE LOCALITY: USA (Idaho) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (Idaho).

binotata

Mythicomomyia binotata Hall & Evenhuis, 1986: 356. TYPE LOCALITY: Mexico (Baja California Sur) [H in CAS*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur).

bivulneris

Mythicomymia bivulneris Melander, 1961: 190. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

brachytis

Mythicomymia brachytis Hall, 1976: 77. TYPE LOCALITY: Chile [H in MEUC].

DISTRIBUTION: **Neotropical**: Chile.

callima

Mythicomymia callima Melander, 1961: 193. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

citrina

Mythicomymia citrina Hall, 1976: 78. TYPE LOCALITY: Chile [H in MEUC].

DISTRIBUTION: **Neotropical**: Chile.

collina, N. COMB.

Cyrtoma collina Philippi, 1866: 768. TYPE LOCALITY: Chile [T (lost?; see Note 4) in MNNC].

Mythicomymia melania Hall, 1976: 82. TYPE LOCALITY: Chile [H in MEUC]. **N. SYN.**

DISTRIBUTION: **Neotropical**: Chile.

compta

Mythicomymia compta Melander, 1961: 197. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

concinna

Mythicomymia concinna Melander, 1961: 198. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

diasema

Mythicomymia diasema Hall, 1976: 79. TYPE LOCALITY: Chile [H in MEUC].

DISTRIBUTION: **Neotropical**: Chile.

diropeda

Mythicomymia diropeda Melander, 1961: 202. TYPE LOCALITY: USA (California) [L designated by Arnaud & Lee in Arnaud (1979: 219) in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

discreta

Mythicomymia discreta Hall & Evenhuis, 1986: 368. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

enoria

Mythicomymia enoria Melander, 1961: 203. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

flavipes

Mythicomymia flavipes Cresson, 1915: 452. TYPE LOCALITY: USA (Texas) [H in ANSP*].
DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California, New Mexico, Texas).

frontalia

Mythicomymia frontalia Melander, 1961: 206. TYPE LOCALITY: USA (California) [H in USNM*].
DISTRIBUTION: **Nearctic**: USA (Arizona, California).

fumipennis

Mythicomymia fumipennis Melander, 1961: 207. TYPE LOCALITY: Mexico (Sonora) [H in CAS*].
DISTRIBUTION: **Nearctic**: Mexico (Sonora).

galbea

Mythicomymia galbea Melander, 1961: 208. TYPE LOCALITY: USA (California) [H in CAS*].
DISTRIBUTION: **Nearctic**: USA (Arizona, California).

gracilis

Mythicomymia gracilis Melander, 1961: 210. TYPE LOCALITY: USA (California) [H in USNM*].
DISTRIBUTION: **Nearctic**: USA (California).

habra

Mythicomymia habra Melander, 1961: 211. TYPE LOCALITY: USA (Arizona) [H in USNM*].
DISTRIBUTION: **Nearctic**: USA (Arizona, California).

humeralis

Mythicomymia humeralis Melander, 1961: 213. TYPE LOCALITY: Mexico (Baja California Norte) [H in CAS*].
DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte).

hyalipennis

Heterhybos hyalipennis Brèthes, 1919: 40. TYPE LOCALITY: Chile [T in MACN].
DISTRIBUTION: **Neotropical**: Chile.

hybos

Mythicomymia hybos Melander, 1961: 214. TYPE LOCALITY: USA (California) [H in USNM*].
DISTRIBUTION: **Nearctic**: USA (California).

illustris

Mythicomymia illustris Melander, 1961: 215. TYPE LOCALITY: USA (Arizona) [H in CAS*].
Mythicomymia fulgida Melander, 1961: 207. TYPE LOCALITY: USA (California) [H in CAS*].
DISTRIBUTION: **Nearctic**: Mexico, USA (Arizona, California).

imbellis

Mythicomysia imbellis Melander, 1961: 215. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California, Utah)

infrequens

Mythicomysia infrequens Hall & Evenhuis, 1986: 385. TYPE LOCALITY: USA (Arizona) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

insignis

Mythicomysia insignis Melander, 1961: 216. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

introrsa

Mythicomysia introrsa Melander, 1961: 218. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California, New Mexico).

irrupta

Mythicomysia irrupta Melander, 1961: 218. TYPE LOCALITY: USA (California) [H in USNM*].

Mythicomysia laticlavata Melander, 1961: 220. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur), USA (Arizona, California, New Mexico, Texas, Utah, Washington).

marginata

Mythicomysia marginata Melander, 1961: 222. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, New Mexico, Utah).

modesta

Mythicomysia modesta Melander, 1961: 227. TYPE LOCALITY: Mexico (Sonora) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora).

mulsea

Mythicomysia mulsea Melander, 1961: 228. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, New Mexico).

ocreata

Mythicomysia ocreata Melander, 1961: 232. TYPE LOCALITY: USA (Arizona) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

optata

Mythicomysia optata Melander, 1961: 233. TYPE LOCALITY: USA (California) [H in USNM*].

Mythicomomyia optata var *diloga* Melander, 1961: 234. Unavailable name; varietal name proposed after 1960.

DISTRIBUTION: **Nearctic**: Mexico (Chihuahua), USA (California, Utah).

ornata

Mythicomomyia ornata Melander, 1961: 234. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

orthis

Mythicomomyia orthis Hall, 1976: 83. TYPE LOCALITY: Chile [H in MEUC].

DISTRIBUTION: **Neotropical**: Chile.

pallida

Mythicomomyia pallida Hall & Evenhuis, 1986: 400. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

pedias

Mythicomomyia pedias Hall & Evenhuis, 1986: 401. TYPE LOCALITY: USA (Arizona) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

phacodes

Mythicomomyia phacodes Melander, 1961: 239. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

problis

Mythicomomyia problis Hall, 1976: 84. TYPE LOCALITY: Chile [H in MEUC].

DISTRIBUTION: **Neotropical**: Chile.

pulla

Mythicomomyia pulla Melander, 1961: 245. TYPE LOCALITY: USA (Nevada) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California, Nevada).

pusillima

Mythicomomyia pusillima Edwards, 1930: 168. TYPE LOCALITY: Uruguay [H in BMNH*].

DISTRIBUTION: **Neotropical**: Argentina, Chile, Uruguay.

scapulata

Mythicomomyia scapulata Melander, 1961: 250. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California, New Mexico).

scutellata

Mythicomomyia scutellata Coquillett, 1902: 102. TYPE LOCALITY: USA (Arizona) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

spectabilis

Mythicomymia spectabilis Hall & Evenhuis, 1986: 409. TYPE LOCALITY: USA (Arizona) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (Arizona, California).

tagax

Mythicomymia tagax Melander, 1961: 253. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

texana

Mythicomymia texana Hall & Evenhuis, 1986: 412. TYPE LOCALITY: USA (Texas) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Coahuila de Zaragoza, Durango, Nuevo León), USA (Arizona, Texas).

trepta

Mythicomymia trepta Hall, 1976: 85. TYPE LOCALITY: Chile [H in MEUC*].

DISTRIBUTION: **Neotropical**: Chile.

tristis

Mythicomymia tristis Melander, 1961: 257. TYPE LOCALITY: USA (California) [H (lost in USNM)].

DISTRIBUTION: **Nearctic**: USA (California).

tumescens

Mythicomymia tumescens Melander, 1961: 258. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

vulnerata

Mythicomymia vulnerata Melander, 1961: 261. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

Subgenus **MYTHICOMYIA** Coquillett

acuta

Mythicomymia acuta Melander, 1961: 179. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

annulata

Mythicomymia annulata Melander, 1961: 181. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Sonora), USA (Arizona, California).

anomala

Mythicomymia anomala Melander, 1961: 182. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

apricata

Mythicomomyia apricata Melander, 1961: 183. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Utah, Washington).

arizonica

Mythicomomyia arizonica Hall & Evenhuis, 1986: 425. TYPE LOCALITY: USA (Arizona) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Colorado, Texas).

armata

Mythicomomyia armata Cresson, 1915: 455. TYPE LOCALITY: USA (New Mexico) [H in ANSP*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Sonora), USA (Arizona, California, Idaho, New Mexico, Washington).

armipes

Mythicomomyia armipes Cresson, 1915: 454. TYPE LOCALITY: USA (New Mexico) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California, New Mexico).

asclepiadis

Mythicomomyia asclepiadis Hall & Evenhuis, 1986: 431. TYPE LOCALITY: USA (Arizona) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Nevada).

aspilota

Mythicomomyia crocina var. *aspilota* Melander, 1961: 164, 200. Unavailable name; varietal name published after 1960.

Mythicomomyia aspilota Hall & Evenhuis, 1986: 432. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

atratella

Mythicomomyia atratella Hall & Evenhuis, 1986: 434. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

bilychnis

Mythicomomyia bilychnis Melander, 1961: 189. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

brevis

Mythicomomyia brevis Hall & Evenhuis, 1986: 439. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

brevivena

Mythicomomyia brevivena Tabet, 1979: 111, 118. Unavailable name; unpublished thesis.

Mythicomyyia brevivena Tabet in Hall & Evenhuis, 1986: 440 [Tabet, 2001: 60]. TYPE LOCALITY: USA (Idaho) [H in CAS*].
DISTRIBUTION: **Nearctic**: USA (California, Idaho, Oregon).

californica

Mythicomyyia californica Greene, 1924: 61. TYPE LOCALITY: USA (California) [H in USNM*].
DISTRIBUTION: **Nearctic**: USA (California, Nevada, Oregon).

caligula

Mythicomyyia caligula Melander, 1961: 193. TYPE LOCALITY: USA (California) [H in USNM*].
DISTRIBUTION: **Nearctic**: USA (California).

calva

Mythicomyyia calva Melander, 1961: 194. TYPE LOCALITY: USA (California) [H in USNM*].
DISTRIBUTION: **Nearctic**: Mexico, USA (Arizona, California).

campestris

Mythicomyyia campestris Hall & Evenhuis, 1986: 448. TYPE LOCALITY: USA (California) [H in USNM*].
DISTRIBUTION: **Nearctic**: USA (California).

carptura

Mythicomyyia carptura Melander, 1961: 194. TYPE LOCALITY: USA (California) [H in USNM*].
DISTRIBUTION: **Nearctic**: USA (California, Oregon, Washington).

cocollina, N. NAME

Mythicomyyia collina Melander, 1961: 195. TYPE LOCALITY: USA (California) [H in USNM*]. [Preocc. Philippi, 1866.] **N. SYN.**
Mythicomyyia cocollina Evenhuis (**new replacement name for *Mythicomyyia collina*** Melander, 1961).
DISTRIBUTION: **Nearctic**: USA (California, Colorado).

communis

Mythicomyyia communis Hall & Evenhuis, 1986: 454. TYPE LOCALITY: USA (California) [H in CAS*].
DISTRIBUTION: **Nearctic**: USA (California).

comparata

Mythicomyyia comparata Melander, 1961: 197. TYPE LOCALITY: USA (California) [H in USNM*].
DISTRIBUTION: **Nearctic**: USA (California).

concrescens

Mythicomyyia concrescens Melander, 1961: 198. TYPE LOCALITY: USA (California) [H in CAS*].
DISTRIBUTION: **Nearctic**: USA (Arizona, California).

cressoni

Mythicomymia cressoni Melander, 1961: 199. TYPE LOCALITY: USA (California) [L designated by Hall & Evenhuis (1986: 457) in USNM*].

DISTRIBUTION: **Nearctic**: USA (California, New Mexico, Utah).

cristata

Mythicomymia cristata Melander, 1961: 199. TYPE LOCALITY: USA (Washington) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Washington).

cruralis

Mythicomymia cruralis Melander, 1961: 201. TYPE LOCALITY: Mexico (Baja California Sur) [H in CAS*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur, Sonora), USA (Arizona, California).

curtata

Mythicomymia curtata Hall & Evenhuis, 1986: 461. TYPE LOCALITY: USA (Arizona) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

cylla

Mythicomymia cylla Melander, 1961: 201. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

desertorum

Mythicomymia desertorum Hall & Evenhuis, 1986: 464. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

diadela

Mythicomymia diadela Melander, 1961: 201. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

dipura

Mythicomymia dipura Melander, 1961: 202. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

fasciolata

Mythicomymia fasciolata Melander, 1961: 204. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California, Utah).

fusca

Mythicomymia fusca Hall & Evenhuis, 1986: 469. TYPE LOCALITY: Mexico (Durango) [H in USNM*]; USA (Arizona).

DISTRIBUTION: **Nearctic**: Mexico (Coahuila de Zaragoza, Durango), USA (Arizona).

gausa

Mythicomymia gausa Melander, 1961: 208. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

gibbera

Mythicomymia gibbera Melander, 1961: 210. TYPE LOCALITY: USA (California) [H in USNM*].

Mythicomymia gibba Melander, 1961: 209. TYPE LOCALITY: USA (Arizona) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

grandis

Mythicomymia grandis Hall & Evenhuis, 1986: 475. TYPE LOCALITY: Mexico (Puebla) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Puebla).

gynandra

Mythicomymia gynandra Melander, 1961: 211. TYPE LOCALITY: Mexico (Baja California Norte) [H in CAS*];

Mythicomymia minor Melander, 1961: 224. TYPE LOCALITY: Mexico (Sonora) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Sonora), USA (California).

hamata

Mythicomymia hamata Melander, 1961: 211. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

hespera

Mythicomymia hespera Hall & Evenhuis, 1986: 479. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur, Sonora), USA (California).

hormatha

Mythicomymia hormatha Melander, 1961: 213. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Nevada, Utah).

intermedia

Mythicomymia intermedia Melander, 1961: 217. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California, Colorado, New Mexico, Utah).

lenticularis

Mythicomymia lenticularis Melander, 1961: 220. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (California).

levigata

Mythicomymia levigata Melander, 1961: 221. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

liticen

Mythicomymia liticen Melander, 1961: 221. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California).

litoris

Mythicomymia litoris Hall & Evenhuis, 1986: 491. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

longimana

Mythicomymia longimana Melander, 1961: 222. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

lucens

Mythicomymia minima var. *lucens* Melander, 1961: 224. Unavailable name; varietal name proposed after 1960.

Mythicomymia lucens Hall & Evenhuis, 1986: 494. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

macclayi

Mythicomymia macclayi Hall & Evenhuis, 1986: 495. TYPE LOCALITY: USA (California) [H in UCD*].

DISTRIBUTION: **Nearctic**: USA (California).

macroglossa

Mythicomymia macroglossa Hall & Evenhuis, 1986: 497. TYPE LOCALITY: USA (Utah) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Utah).

minima

Mythicomymia minima Melander, 1961: 223. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

mitrata

Mythicomymia mitrata Melander, 1961: 227. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

munda

Mythicomymia munda Melander, 1961: 228. TYPE LOCALITY: Mexico (Baja California Sur) [H in CAS*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur).

nevadensis

Mythicomyyia nevadensis Hall & Evenhuis, 1986: 502. TYPE LOCALITY: USA (Nevada) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, Nevada).

nigricans

Mythicomyyia nigricans Melander, 1961: 231. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

nitida

Mythicomyyia nitida Melander, 1961: 231. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

nitidula

Mythicomyyia nitidula Melander, 1961: 231. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

oporina

Mythicomyyia oporina Melander, 1961: 232. TYPE LOCALITY: USA (California) [H in USNM*].

Mythicomyyia bibosa Melander, 1961: 188. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

orchestes

Mythicomyyia orchestes Melander, 1961: 234. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

ornatula

Mythicomyyia ornatula Melander, 1961: 235. TYPE LOCALITY: USA (California) [H in USNM*].

Mythicomyyia lanculata: Tabet, 1979: 110. Incorrect original spelling of *lunulata*.

Mythicomyyia lunulata: Tabet, 1979: 124. Unavailable name; unpublished thesis.

Mythicomyyia candida: Tabet & Hall, 1987: 43. TYPE LOCALITY: USA (California) [H in CAS*]. **N. SYN.**

Mythicomyyia lunulata: Tabet, 2001: 60. TYPE LOCALITY: USA (Idaho) [H in CAS]. **N. SYN.**

DISTRIBUTION: **Nearctic**: Mexico (Durango), USA (Arizona, California, Idaho, Montana, Oregon, Washington).

painterorum

Mythicomyyia painterorum Hall & Evenhuis, 1986: 510. TYPE LOCALITY: USA (Arizona) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Colima), USA (Arizona).

parma

Mythicomomyia parma Melander, 1961: 236. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

peniculus

Mythicomomyia peniculus Melander, 1961: 237. TYPE LOCALITY: USA (Arizona) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

perlonga

Mythicomomyia perlonga Hall & Evenhuis, 1986: 515. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

petena

Mythicomomyia petena Melander, 1961: 237. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

petiolata

Mythicomomyia petiolata Melander, 1961: 238. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

pharetra

Mythicomomyia pharetra Melander, 1961: 239. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

phormus

Mythicomomyia phormus Hall & Evenhuis, 1986: 522. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

picta

Mythicomomyia picta Melander, 1961: 240. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California, Idaho, Oregon, Utah).

pictipes

Mythicomomyia pictipes Coquillett, 1902: 102. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, New Mexico).

platycheira

Mythicomomyia platycheira Melander, 1961: 241. TYPE LOCALITY: USA (Oregon) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Oregon).

poliodes

Mythicomymia poliodes Hall & Evenhuis, 1986: 529. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

polygena

Mythicomymia polygena Melander, 1961: 242. TYPE LOCALITY: USA (Utah) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur), USA (Arizona, California, Idaho, Nevada, Utah).

polysperes

Mythicomymia polysperes Hall & Evenhuis, 1986: 532. TYPE LOCALITY: USA (Texas); [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California, Texas, Washington).

potrix

Mythicomymia potrix Melander, 1961: 242. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Nevada, Oregon, Washington).

powelli

Mythicomymia powelli Hall & Evenhuis, 1986: 536. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

pravipes

Mythicomymia pravipes Melander, 1961: 243. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Durango, Hidalgo, Sonora), USA (Arizona, California, Washington).

pruinosa

Mythicomymia pruinosa Melander, 1961: 244. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (California).

pusilla

Mythicomymia pusilla Melander, 1961: 245. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

rhaeba

Mythicomymia rhaeba Melander, 1961: 246. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Idaho, Montana).

rileyi

Mythicomymia rileyi Coquillett, 1893: 209. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Baja California Norte, Sur, Sonora), USA (Arizona, California, Idaho, Nevada, New Mexico, Utah, Washington).

salpinx

Mythicomomyia salpinx Melander, 1961: 249. TYPE LOCALITY: USA (California) [H in CAS*].

Mythicomomyia torta Tabet & Hall, 1987: 49. TYPE LOCALITY: USA (California) [H in CAS*]. **N. SYN.**

DISTRIBUTION: **Nearctic:** USA (Arizona, California, Texas, Utah).

schlingeri

Mythicomomyia schlingeri Hall & Evenhuis, 1986: 550. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic:** USA (California, Nevada).

sedonae

Mythicomomyia sedonae Evenhuis, 1989: 527. TYPE LOCALITY: USA (Arizona) [H in BPBM*].

DISTRIBUTION: **Nearctic:** USA (Arizona).

sorbens

Mythicomomyia sorbens Melander, 1961: 252. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic:** USA (California).

strenua

Mythicomomyia strenua Hall & Evenhuis, 1986: 553. TYPE LOCALITY: USA (Arizona) [H in USNM*].

DISTRIBUTION: **Nearctic:** USA (Arizona).

tenthes

Mythicomomyia tenthes Melander, 1961: 253. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Sur, Sonora), USA (Arizona, California).

tibialis

Mythicomomyia tibialis Coquillett, 1895: 409. TYPE LOCALITY: USA (California) [H in USNM*].

Mythicomomyia triformis Melander, 1961: 255. TYPE LOCALITY: USA (California) [H in USNM*].

Mythicomomyia triformis var. *chitona* Melander, 1961: 256. Unavailable name; varietal name published after 1960.

Mythicomomyia triformis var. *monacha* Melander, 1961: 256. Unavailable name; varietal name published after 1960.

DISTRIBUTION: **Nearctic:** Mexico (Baja California Sur), USA (California, Idaho, Nevada, New Mexico).

timberlakei

Mythicomomyia timberlakei Hall & Evenhuis, 1986: 559. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic:** USA (Arizona, California).

tortilis

Mythicomymia tortilis Hall & Evenhuis, 1986: 560. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

trifaria

Mythicomymia trifaria Melander, 1961: 254. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Colorado, Nevada, Utah).

tubicen

Mythicomymia tubicen Melander, 1961: 257. TYPE LOCALITY: Mexico (Baja California Sur) [H in CAS*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur), USA (Arizona).

uncata

Mythicomymia uncata Melander, 1961: 258. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California, Oregon, Washington).

vallis

Mythicomymia vallis Hall & Evenhuis, 1986: 567. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California, ?Utah)

versicolor

Mythicomymia versicolor Hall & Evenhuis, 1986: 569. TYPE LOCALITY: USA (Arizona) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, Utah, Wyoming).

vestis

Mythicomymia vestis Melander, 1961: 259. TYPE LOCALITY: USA (California) [H in BYU*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

vilis

Mythicomymia vilis Melander, 1961: 259. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

Unplaced to Subgenus of MYTHICOMYIA**actites**

Mythicomymia collina var. *actites* Melander, 1961: 196. Unavailable; varietal name published after 1960.

Mythicomymia actites Hall & Evenhuis, 1986: 573. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

atrifa

Mythicomymia atrifa Melander, 1961: 186. TYPE LOCALITY: USA (New Mexico) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (New Mexico).

bucinator

Mythicomymia bucinator Melander, 1961: 190. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

cala

Mythicomymia cala Melander, 1961: 190. TYPE LOCALITY: USA (California) [N designated in Hall & Evenhuis (1986: 575) in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

comma

Mythicomymia comma Melander, 1961: 196. TYPE LOCALITY: USA (New Mexico) [H in USNM*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (New Mexico).

crocina

Mythicomymia crocina Melander, 1961: 200. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

flaviventris

Mythicomymia flaviventris Melander, 1961: 205. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California, ?Texas).

indicata

Mythicomymia indicata Melander, 1961: 216. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (California).

minuscula

Mythicomymia minuscula Melander, 1961: 225. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

mira

Mythicomymia mira Melander, 1961: 226. TYPE LOCALITY: USA (California) [H in BYU*].

DISTRIBUTION: **Nearctic**: USA (California).

mirifica

Mythicomymia mirifica Melander, 1961: 226. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

petes

Mythicomyyia petes Melander, 1961: 238. TYPE LOCALITY: USA (Arizona) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

phalerata

Mythicomyyia phalerata Melander, 1961: 239. TYPE LOCALITY: USA (Washington) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Washington).

robiginosa

Mythicomyyia robiginosa Melander, 1961: 249. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

sugens

Mythicomyyia sugens Melander, 1961: 252. TYPE LOCALITY: USA (Oregon) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California, Oregon).

virgata

Mythicomyyia virgata Melander, 1961: 260. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

virgo

Mythicomyyia virgo Melander, 1961: 260. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California, Utah).

Genus **NEXUS** Hall & Evenhuis, 1987

NEXUS Hall & Evenhuis, 1987: 623. Type species: *Nexus cyrtoidopsis* Hall & Evenhuis, 1986, by original designation.

cyrtoidopsis

Nexus cyrtoidopsis Hall & Evenhuis, 1987: 624. TYPE LOCALITY: USA (Arizona) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

Genus **PARACONSORS** Hall & Evenhuis

PARACONSORS Hall & Evenhuis, 1987: 606. Type species: *Mythicomyyia aperta* Melander, 1961, by original designation.

Subgenus **ELACHYMYIA** Hall & Evenhuis

ELACHYMYIA Hall & Evenhuis, 1987: 616. Type species: *Empidideicus humeralis* Melander, 1946, by original designation.

humeralis

Empidideicus humeralis Melander, 1946: 455. TYPE LOCALITY: USA (California) [H in USNM*].

Mythicomyia hiata Melander, 1961: 212. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

Subgenus **PARACONSORS** Hall & Evenhuis

aperta

Mythicomyia aperta Melander, 1961: 183. TYPE LOCALITY: Mexico (Baja California Norte) [H in CAS*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (California).

cooperi

Paraconsors cooperi Hall & Evenhuis, 1987: 610. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

flavifrons

Empidideicus flavifrons Melander, 1950a: 141. TYPE LOCALITY: USA (California) [L designated by Hall & Evenhuis (1987: 611) in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

napaea

Mythicomyia napaea Melander, 1961: 165, 230. TYPE LOCALITY: USA (California) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (California).

scutellaris

Empidideicus scutellaris Melander, 1946: 455, 456. TYPE LOCALITY: USA (California) [L designated by Hall & Evenhuis (1987: 613) in USNM*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

timberlakei

Empidideicus timberlakei Hall, 1967: 216. TYPE LOCALITY: USA (Texas) [H in USNM*].

DISTRIBUTION: **Nearctic**: USA (Texas).

Genus **PIEZA** Evenhuis

PIEZA Evenhuis, 2002: 3. Type species: *Mythicomyia angusta* Melander, 1961, by original designation.

agnastis

Mythicomyia agnastis Hall, 1976: 77. Chile [H in MEUC*].

DISTRIBUTION: **Neotropical**: Chile.

angusta

Mythicomyia angusta Melander, 1961: 180. TYPE LOCALITY: USA (California) [H in USNM*].

Mythicomyia vernalis Frommer, 1981: 37. *Nomen nudum*.

Mythicomyia vernalis Tabet & Hall, 1987: 50. TYPE LOCALITY: USA (California) [H in CAS*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, New Mexico).

deresistans

Pieza deresistans Evenhuis, 2002b: 9. TYPE LOCALITY: Venezuela [H in USNM*].
DISTRIBUTION: **Neotropical**: Venezuela.

dominicana[†]

Pieza dominicana Evenhuis, 2002b: 10. TYPE LOCALITY: Dominican Republic (Miocene) [H in AMNH*].
DISTRIBUTION: **Neotropical**: Dominican Republic (Miocene) [A].

flavitibia

Pieza flavitibia Evenhuis, 2002b: 12. TYPE LOCALITY: Venezuela [H in USNM*].
DISTRIBUTION: **Neotropical**: Venezuela

kake

Pieza kake Evenhuis, 2002b: 13. TYPE LOCALITY: Brazil (Belo Horizonte) [H in MNRJ*].
DISTRIBUTION: **Neotropical**: Brazil (Belo Horizonte).

ministra

Mythicomyia ministra Melander, 1961: 224. TYPE LOCALITY: USA California [H in USNM*].
DISTRIBUTION: **Nearctic**: USA (Arizona, California, New Mexico).

minuta

Mythicomyia minuta Greene, 1924: 62. TYPE LOCALITY: USA (New Mexico) [H in USNM*].
Mythicomyia eremica Melander, 1961: 204. TYPE LOCALITY: USA (California) [H in USNM*].
DISTRIBUTION: **Nearctic**: USA (California, New Mexico).

ostenta

Mythicomyia ostenta Melander, 1961: 236. TYPE LOCALITY: USA (California) [H in USNM*].
DISTRIBUTION: **Nearctic**: USA (Arizona, California, Texas).

pi

Pieza pi Evenhuis, 2002b: 19. TYPE LOCALITY: Bahamas Is [H in AMNH*].
DISTRIBUTION: **Neotropical**: Bahamas Is, Mexico (Morelos).

rhea

Pieza rhea Evenhuis, 2002b: 21. TYPE LOCALITY: USA (Florida) [H in ABS*].
DISTRIBUTION: **Nearctic**: USA (Florida).

sinclairi

Pieza sinclairi Evenhuis, 2002b: 22. TYPE LOCALITY: Galápagos Is [H in CNC*].
DISTRIBUTION: **Neotropical**: Curacão, Dominican Republic, Galápagos Is.

Genus **REISSA** Evenhuis & Baéz

REISSA Evenhuis & Baéz *in* Greathead & Evenhuis, 2001b: 127. Type species: *Reissa roni* Evenhuis & Baéz, 2001, by original designation.

roni

Reissa roni Evenhuis & Baéz *in* Greathead & Evenhuis, 2001b: 128. TYPE LOCALITY: Canary Is [H in MABC*].

DISTRIBUTION: Canary Is.

Unplaced to Subfamily

Genus **HESYCHASTES** Evenhuis

HESYCHASTES Evenhuis, 2002a: 137. Type species: *Hesychastes solitus* Evenhuis, 2002.

solitus

Hesychastes solitus Evenhuis, 2002a:138. TYPE LOCALITY: Namibia.

DISTRIBUTION: **Afrotropical**: Namibia.

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Authors' names: Surnames of authors are cited in the bibliography the same as they are in the text for proper association of literature citations with entries in the catalog. See under Explanatory Information in the Introduction for protocol in orthography of names of authors. Full given names and dates of birth and/or death are given where known. If vital dates could not be found, known minimum and maximum dates in which the author lived are given in parentheses prefixed by "FL." [= flourished].

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Titles: Titles of articles in journals and books are given in full including secondary titles. Titles are given as on the title page of the original work (in some cases, titles on wrappers, covers, and tables of contents may vary somewhat). Titles are standardized to lowercase except for proper nouns and in cases where languages require capitalization. Where possible, titles in Eastern European languages and Cyrillic have either been translated into English and placed in brackets or transliterated, with original language indicated in the annotation for that citation.

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Z. Ges. Naturwiss. — Zeitschrift für die Gesamten Naturwissenschaften, 1853–1881.

Z. Syst. Hymen. Dipt. — Zeitschrift für Systematische Hymenopterologie und Dipterologie, 1901–1908.

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Zootaxa — Zootaxa, 2001ã

APPENDIX I

COLLECTION AND SYSTEMATIC NOTES

1. Efflatoun Collection

Much of the collection of Hassan Chaker Efflatoun-Bey (1893–1957), which also contained some Egyptian types of Becker, Bezzi, Engel, and Paramonov, was moved to the Entomological Society of Egypt in Cairo. It remained there for many years in a mostly neglected state. Its contents were last published by Steyskal & El-Bialy (1967), where it was then noted that certain types could not be found. Other material of the Efflatoun Collection was deposited in the Ministry of Agriculture (PPDD). Through the efforts of Magdi Shabaan Ali El Hawagry at the University of Cairo, the Efflatoun collections at the University of Cairo (CUE), the Entomological Society of Egypt (ESEC), and the Ministry of Agriculture (most of the type material in the last depository was unfortunately destroyed through neglect; other material previously stored there has been transferred to ESEC) have been assessed and this information incorporated into this catalog.

2. Hamburg Collection

In the 1930s Paramonov deposited some of his types in Zoologisches Museum, Universität Hamburg (ZMUH). Unfortunately, the museum and its collections were destroyed by bombing during World War II. Material deposited in ZMUH previous to the war including the Paramonov bombyliid types no longer exists (R. Abraham, pers. comm.).

3. Hungarian Museum Collection

The Diptera collection of the Hungarian Natural History Museum (HNHM) was destroyed in the uprising of 1956 when an incendiary bomb exploded in the spirit collections of the museum. The subsequent fire and bomb damage completely destroyed all the Diptera, except many of the acalypterates that were temporarily being housed in another part of the museum and escaped damage. Types of Kertész, Becker, and Bezzi that were stated in the original literature to have been deposited in HNHM exist today only if syntypes are known to be in collections elsewhere.

4. Philippi Collection

Parts of the insect collection of Rodolpho Amando Philippi (1808–1904), thought to have been lost or destroyed, have been located in the MNNC. Specimens are not labeled, making it difficult or impossible to ascertain type status. Though a specific search for Syrphidae types proved fruitless (F.C. Thompson, *in litt.*), some Philippi Tabanidae types have been identified.

5. Santos Abreu Collection

Elias Santos Abreu (1856–1937) lived and worked in La Palma in the Canary Islands. In bombyliid circles, he is known for having written the 1926 monograph of the Bombyliidae of the Canary Islands.

The whereabouts of his collection, which contains types of many different families of Diptera, was in doubt until it was discovered by Marcos Báez in the house of the grandson of Santos Abreu in La Palma. It was transferred to the Departamento de Biología Animal de la Universidad de La Laguna (M. Báez, pers. comm.).

APPENDIX II

Collectors of Mythicomyiidae Type Specimens

The following list provides names, collecting localities, and type depositories for collectors of types of Bombyliidae listed in this catalog. Where no information on birth or death dates was found, “fl.” [= flourished] is used when a definite period of time is known; or known dates of collection are placed in square brackets. Where no date of death is known, but it is assured that the person is deceased, a “[D]” is indicated.

Collector	Localities Collected	Type Depository
Aharoni, Israel (1882–1946)	Israel	SMNS
Aldrich, John Merton (1866–1934)	USA (California)	USNM
Alluaud, Charles A (1861–1949)	Algeria	MNHN
Anderson, A.K. [1968]	Baltic	ZMUC
Arnaud, Paul Henri, Jr. (1924–)	Mexico (Baja California Norte, Baja California Sur)	CAS
Báez [Fumero], Marcos (1951–)	Canary Is	MABC
Barber, Herbert Spencer (1882–1950)	USA (Arizona)	USNM
Barr, William Frederick (1920–)	USA (Idaho)	CAS
Becker, Theodor (1840–1928)	France (Corsica), Tunisia	HNHM, ZMHB
Bejček, Vladimir [1995-2000]	Sokotra	NMSA
Benoist, Raymond (1881–1970)	Morocco	MNHN
Biró, Lagos (1856–1931)	Tunisia	HNHM
Bradley, James Chester (1884–)	USA (California)	UNKN
Brinck, Per Simon Valdemar (1919–)	Namibia	MZLU
Cavagnaro, David Quinn (1943–)	Bangladesh	CAS
Christoph, Hugo Theodor (1831–1894)	Russia (SET)	ZMHB
Cockerell, Theodor Dru Allison (1866–1948)	USA (New Mexico)	USNM
Coe, Ralph Leonard (1906–1968)	Nepal	BMNH
Cooper, Kenneth Willard (1912–)	USA (California)	USNM
Coquillett, Daniel William (1856–1911)	USA (California)	USNM
Decary, Raymond (1891–)	Madagascar	MNHN
Deyrup, Marc Amidon (1947–)	USA (Florida)	USNM
Djou [1948]	China (Sichuan)	CAS
Dodd, Alan Parkhurst (1896–1937)	Australia (Queensland)	QM
Doyan, Joseph [1972]	USA (California)	CAS
Efflatoun, Hassan Chaker (1893–1957)	Egypt	CUE, ESEC
Evenhuis, Neal Luit (1952–)	USA (California)	USNM
Fedtschenko, Alexis Pavlovich (1844–1873)	Tajikistan, Uzbekistan	ZMHB
Fleschner, Charles Anthony (1911–1993)	USA (Arizona)	CAS
Flock, R G [fl. 1952]	USA (California)	CAS
Fontenelle, Julio Cesar Rodrigues [1996-2002]	Brazil	MNRJ
Frey, Richard Karl Hjalmar (1886–1965)	Canary Is	MZHF
Fuente, ?? de la [before 1934]	Spain	MNHN
Gallagher, M D [fl. 1971-1994]	Oman	NMWC
Gressitt, Judson Linsley (1914–1982)	China (Sichuan)	CAS
Hall, Erma M (1925–1995)	USA (California)	USNM
Hall, Jack Clayton (1925–)	USA (Arizona, California)	USNM
Hayden, Ellis B [Jr.] [1953-1957]	Bahamas	ANMH
Hesse, Albert John (1895–1987)	South Africa (Western Cape)	SAMC
Hollenberg, Linda [1981]	Venezuela	USNM
Hurd, Paul David (1921–1982)	USA (California)	CAS
Irwin, Michael Edward (1940–)	Chile, Israel, Namibia, South Africa (Northern Cape)	MEUC
Janssens, Emile (1907–1981)	Greece	KBIN
Jeannel, René (1879–1965)	Algeria, Kenya	MNHN
Johnson, David Elmer (1907–1973)	USA (Utah)	BYU
Kapofi, Immanuel Natumbo (1971–)	Namibia	NMNW
Keifer, Hartford Hammond (1902–1986)	Mexico (Clarion I)	CAS
Kerzhner, Iziaslav Moiseevich (1936–)	Mongolia	ZIS

Kirk-Spriggs, Ashley Howard (1962–)	Namibia	NMNW
König, Alexander (1858–1940)	Turkey	DEI
Kozlov, Vladimir Ivanovich [1969]	Mongolia	ZIS
Leech, Hugh Bosdin (1910–1990)	USA (California)	CAS
Licent, [R. P.] Émile [fl. 1900–1936]	China (Guangdong)	MNHN
Lindberg, Håkan (1898– [D])	Cape Verde Is	MZHF
Loew, [Friedrich] Hermann (1807–1878)	Italy (Sicily)	ZMHB
Loew, G [1994]	Oman	NMWC
MacSwain, John Winslow (1913–1970)	USA (California)	BYU
Marais, Eugène	Namibia	NMNW
McClay, Arthur Thomas (1908–1990)	USA (California, Oregon)	UCD, USNM
Melander, Axel Leonard (1878–1962)	Mexico (Sonora), USA (Arizona, California, Nevada, New Mexico, Oregon, Utah, Washington)	USNM
Menke, Arnold Stephan [Ernst]	Venezuela	USNM
Náday, L (– [D]) [1910]	Turkey	HNHM
Newman, Leslie John William (1878– [D])	Australia (WA)	ANIC
Painter, Elizabeth Margaret (1904–1986)	Mexico (Durango, Puebla), USA (Arizona, California, Nevada, Texas, Utah)	USNM
Painter, Reginald Henry (1901–1968)	Mexico (Durango, Puebla), USA (Arizona, California, Nevada, Texas, Utah)	USNM
Panelius, Samuel (1934–)	Cape Verde Is	MZHF
Paramonov, Sergei Jakovlevich (1894–1967)	Turkmenistan	SIZK
Peck, J	Galápagos	CAS
Peck, Stewart Blaine	Galápagos	CAS
Pinto, John Darwin	USA (California)	USNM
Powell, Jerry Alan (1933–)	USA (California)	CAS
Ross, Edward Shearman (1915–])	Bangladesh	CAS
Rudebeck, Gustav [fl. 1950–1962]	Namibia	MZLU
Santos Abreu, Elías (1856–1937)	Canary Is	MABC
Schaum, Hermann Rudolph (1819–1865)	Egypt	ZMHB
Schlinger, Evert Irving (1925–)	Chile, USA (California)	UCR, USNM
Schmiedeknecht, Otto (1847–1936)	Algeria	ZMHB
Sodenstrom, E L [1979]	USA (California)	USNM
Stástrný, Karel [fl. 1980-2002]	Sokotra	NMSA
Strobl, [Pater] Gabriel (1846–1925)	Spain	NMBA
Stuckenberg, Brian Roy (1930–)	Lesotho, South Africa (Eastern Cape, KwaZulu-Natal, Western Cape)	NMSA
Stuckenberg, Pamela Jean (1933–)	Lesotho, South Africa (Eastern Cape, KwaZulu-Natal, Western Cape)	NMSA
Sukacheva, Irina Dmitreivna (1940–)	Russia (Siberia)	ZMUM
Tewfik, Mohamed Sadek [1928–1938]	Egypt	CUE, ESEC
Thalhammer, Joannes [Janos] (1847–1934)	Hungary	HNHM
Timberlake, Philip Hunter (1883–1981)	USA (Arizona, California, Texas)	CAS, UCR
Tollet, Roger (1912–)	Greece	KBIN
Turner, Rowland Edwards (1863–1945)]	Namibia, South Africa (Western Cape)	BMNH
Wasbauer, Marius Sheridan (1928–)	USA (California)	CAS
Washburn, M [1953]	USA (California)	CAS
Westcott, Richard L [1964]	USA (Idaho)	CAS
Weyrich, Joachim	Zimbabwe	NMSA
White, Arthur (1871–1919)	Australia (Tasmania)	BMNH
Zaitzev, Vadim Filippovich (1934–)	Mongolia	ZIS
Zarudny, Nikolai Alekseevich (1851–1919)	Iran	ZIS
Zeller, Philipp Christoph (1808–1883)	Italy (Sicily)	ZMHB
Zerny, Hans (1887–1945)	Algeria	NMW
Zherikhin, Vladimir Vasilievich (1943–)	Russia (Siberia)	ZMUM
Zimin, Leonid Sergeevich (1902–1970)	Turkmenistan	SIZK

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This index includes all names found in the catalog. Names in all upper case are genus-group names, names in lower case are species-group names. Names in italics are either junior synonyms, junior homonyms, or nomenclaturally unavailable names. Names in plain Roman are current valid taxonomic names in Mythicomyiidae. For genus-group names with two page numbers, the second page number refers to the nominate subgenus if it is found on a different page than the genus entry.

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POSTSCRIPT

List of Works Validating *Glabellula* Bezzi, 1902 as a *nomen protectum* by virtue of Article 29.3.1.2 of the I.C.Z.N. Code (see page 28 for details).

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