

EFFLATOUNIA

SPECIAL ISSUE

Catalogue of Superfamily Asiloidea (Diptera: Brachycera) of Egypt

Magdi Shaaban Ali El-Hawagry



EDITOR

Taha T.M. Bassal (Founder)

Catalogue of Superfamily Asiloidea (Diptera: Brachycera) of Egypt

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Manuscript: Authors are requested to submit a copy of the manuscript and figures to email: tahabasal@gmail.com. Papers should be in English and be original contributions to the field of entomology. A Microsoft word file should be submitted. The corresponding author should be identified (including an E-mail address).

Title: Use a brief and informative title that includes order and family names in parentheses.

Abstract: Abstract should be an informative digest of the significant contents and the main conclusions of the research. It should not exceed 200 words.

Text: It is recommended that the manuscript contains the following items: Introduction, Materials and Methods, Results and Discussion, and References. Acknowledgements, and references to grants, if any, come directly at the end of the Discussion, separated from the latter with a clear distance. The Latin names should be given for all species referred to in the investigations.

References: Citations in the text should be by last name of the author and date [e.g. (Wigglesworth, 1972) – (Chapman and Bernays, 1980) – (Dorrah *et al.*, 2001)] and refer to a reference listed alphabetically by author in References. The full title of the paper in references must be given, together with first and last pages. Titles of books should be written in italics. References should be given in the following form:

Dorrah, M.A., and Ayaad, T.H. (2004). Localization, purification, and *n*-terminal amino acid sequence of prophenoloxidase of *Parasarcophaga surcoufi* prepupae (Diptera: Sarcophagidae). *Efflatounia*, **4**: 1-8.

Bassal, T.T.M. (1986). Some aspects of carbohydrate biochemistry in ticks. In: *Morphology, Physiology, and Behavioral Biology of Ticks* (Sauer, J.R., and Hair, J.R., Eds): 280-298. Ellis Horwood Limited, Chichester.

Rechcigl, J.E., and Rechcigl, N.A. (2000). *Biological and Biotechnological Control of Insect Pests*. Lewis Publishers, London.

Units and quantities: SI units should be used. Numbers preceding units should be written in arabic numerals; when at beginning of a sentence they should be spelt out.

Tables: Tables should be numbered consecutively, given a suitable caption, and should be self-explanatory. Tables should not duplicate results presented elsewhere in the manuscript (*e.g.* in graphs).

Illustrations: Symbols should be large enough to be seen on reduction and explained in the provided legend. Photographs should be well contrasted.

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We have followed the referees' recommendations, making the necessary changes in the manuscript, and addressed each concern as requested by all of them.

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INTRODUCTION

Diptera, or flies as they are commonly called, comprise a diverse assemblage of insects in Egypt. Steyskal and El-Bialy (1967) listed 1339 fly species belonging to 64 families from the Egyptian fauna. In addition, there are many other species that have been recorded and described from Egypt since 1967. The majority of these flies are either flower-lovers, feeding upon nectar, etc., or frequent decaying organic matter of various kinds. Although these two habits predominate, a considerable number of flies are predacious or parasitic and live on or in various insects which form their prey or hosts, consequently they have potential as biological control agents. Additionally there are other flies which have acquired blood-sucking habits and may transmit the pathogenic organisms of some virulent diseases.

Despite its importance as the only work compiling all the Egyptian Diptera, the list of Steyskal and El-Bialy (1967) included merely the names of families and their species and subspecies without taking into account suprageneric groups such as subfamilies, tribes, etc. Also, it did not refer to other important data such as those of original descriptions, depositories, type-localities, synonyms, world and local distributions, etc.

The present work provides a catalogue of asiloid flies (superfamily: Asiloidea) in Egypt, which comprise more than a quarter of the total number of Egyptian fly species.

Asiloidea likely originated close to 200 million years ago (Wiegmann *et al.*, 2003). It is a very large cosmopolitan superfamily of Diptera. Its flies are generally large, showy flower visitors as adults and almost exclusively substrate-dwelling predators as larvae. Two of the largest families are significant exceptions to this rule: the larvae of Bombyliidae or bee flies, are insect parasitoids, and Asilidae, also known as robber flies, prey on insects as adults. Asiloid flies are distributed worldwide, with their greatest diversity occurring in arid, sandy areas (Trautwein, 2009).

In recent years, there have been several significant studies of the superfamily Asiloidea that have addressed some long-standing phylogenetic questions (Trautwein, 2009). The interrelationships of asiloid families are largely unconfirmed, and the evidence that they all share a recent common ancestor is tenuous (Woodley, 1989; Yeates, 1994). The actual sister group of Asiloidea is unknown, but their close relationship to Eremoneura (Empidoidea + Cyclorrhapha) has been

established along with evidence that they may have diverged at a similar time (Wiegmann *et al.*, 2003). Trautwein *et al.* (2010) considered Asiloidea to be the closest relative to the large Metazoan radiation Eremoneura (Cyclorrhapha + Empidoidea). They stated that evidence for asiloid monophyly is limited, and few characters define the relationships between the families of Asiloidea and Eremoneura.

In the present catalogue I follow the studies suggesting that Asiloidea includes ten families: Asilidae, Bombyliidae, Mydidae, Mythicomyiidae, Scenopinidae, Therevidae, Apsilocephalidae, Apioceridae, Evocoidae, and Hilarimorphidae. Only the first six families are represented in Egypt.

Biogeographic remarks:

The position of Egypt amongst the faunal regions of the world is a rather anomalous one, since it combines the characteristics of both Palaearctic and Afrotropical regions. It has generally been considered to belong to the Palaearctic, but there is evidence that the Afrotropical influence is much greater than usually thought (Steyskal and El-Bialy, 1967). The Afrotropical region has its northern limits at Gebel Elba which is currently politically controlled by Egypt, but disputed with Sudan. It is a “mist oasis” where much of the precipitation is contributed in the form of dew, mist and clouds, creating a unique ecosystem and a biological diversity not found anywhere else in Egypt.

Egypt, as a whole, is a part of the Great Desert Belt, and is characterized by a warm and almost rainless climate. Only the Coastal Strip, Eastern Desert, Gebel Elba, and higher parts of the southern Sinai mountains receive comparatively higher rainfall. This is reflected in their floral and faunal composition, and may explain their higher bee fly species diversity than in the other ecological zones of Egypt.

Ecologists divide Egypt into eight ecological zones namely: Coastal Strip, Lower Nile Valley (including the Delta), Upper Nile Valley, Fayoum Basin, Eastern Desert, Western Desert, Sinai, and Gebel Elba (Fig. 1) (Larsen, 1990). In the present study, the Upper Nile Valley is taken to begin south of Giza province, not at Assiout as some ecologists considered (El-Hawagry, 2002a).

Efflatoun Bey and his co-workers recorded many bee fly species from localities in the neighborhood of Cairo such as Abu-Rawash, Kirdassa, Kafr Hakim, Kafr Eldems (=Mansheyet Radwan), Borgash, Mansouriah, Mazghouna, Sakkara, etc.; he also recorded many species from Mariout district on the Coastal Strip. However, many of these species have disappeared from these localities because of severe

changes in the floral and faunal composition during the last 50 years. These changes may be attributed to urbanization or modern agricultural activities in these localities.

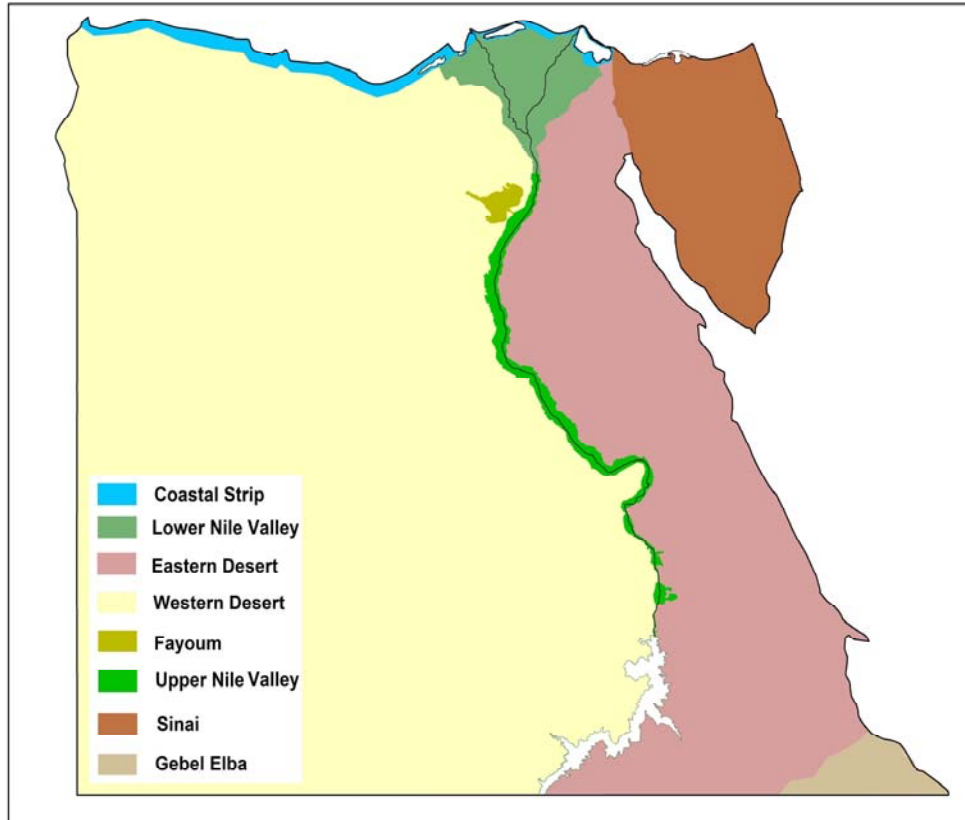


Fig. 1: Map of Egypt showing the ecological zones

MATERIAL AND METHODS

Data for the present study was gathered from specimens preserved in the Egyptian insect collections, in addition to specimens have been collected from different Egyptian localities, from 1991 to 2010, by the author. A great deal of informatrion are also taken from literature and website databases. The most important literature reviewed are: Efflatoun (1934 & 1937) and Geller-Grimm (2004) [for Asilidae], Efflatoun (1945) and Evenhuis & Greathead (1999) [for Bombyliidae], Hassan & El-Hawagry (2001) [for Scenopinidae], Evenhuis (2002) [for Mythicomyiidae], and Steyskal & El-Bialy (1967) [for all families]. The following websites have been checked out as well:

<http://www.mydidae.tdvia.de/> [for Mydidae],

<http://www.inhs.uiuc.edu/research/mandala/TherevidWebMandala.html> [for Therevidae],

<http://www.cdfa.ca.gov/phpps/ppd/entomology/scenopinidae.html#Scenopinus> [for Scenopinidae],

<http://www.geller-grimm.de/asilidae.htm> [for Asilidae],

<http://www.sel.barc.usda.gov/diptera/> [for all families].

Scope:

This catalogue includes all names of taxa, taxonomically valid and invalid, of the superfamily Asiloidea occurring in Egypt.

Arrangement of taxa:

Families are arranged alphabetically, while suprageneric taxa (subfamilies and tribes) are arranged in a systematic order following the classification of the world catalogues wherever possible.

Names of valid genera are listed alphabetically within subfamilies and valid subgenera are listed alphabetically within genera. Valid species are listed alphabetically within genera or subgenera, and valid subspecies are listed alphabetically within species.

Synonyms including all available and unavailable names are listed chronologically, and variant spellings (termed "errors", "incorrect spellings" and "misspellings") are listed at the end of the synonyms.

Typographical treatment of names:

Genus-group and suprageneric headings are centered and written in boldface Roman uppercase letters, with authorship written in roman lowercase letters except the first letter which is written uppercase. Species-group headings are left-justified and written in boldface

italicized lowercase letters except the first letter which is written uppercase.

Taxonomically valid genus-group names are listed again in boldface italicized lowercase letters (except the first uppercase letter) and left-justified under the headings followed by the reference including author, year, and page. Taxonomically valid species-group names combined with their original genera are listed again in italicized lowercase letters (except the first uppercase letter) and left-justified under the headings followed by the reference including author, year, and page.

For each genus and species-group name, associated synonyms are listed below the main name in chronological order. They are written in italicized lowercase letters (except the first uppercase letter).

Type localities:

The countries and islands are listed according to the type localities given in the original descriptions. Some countries and islands are broken down to states, provinces, archipelagos, ecological zones, towns, and villages. These “sublocalities” are placed in parentheses after the main locality, e.g., “Egypt (Sinai)”. The sublocalities may be broken down to “smaller sublocalities”. These “smaller sublocalities” are written after a colon following the sublocality, e.g., “Egypt (Sinai: Wadi El-Lega)”.

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.

Type depositories:

Egyptian asiloid flies have been examined in the main Egyptian insect collections to ascertain the existence of the types and their depositories in these collections. The form of citation is an indication of the rank of type that currently exists (e.g., syntype, holotype, lectotype, etc.) and the location of the type specimen(s) in Egyptian collections. All these information are given in closed brackets, e.g., “[1S in CUE; 2S in ESEC]”. Clarification of certain destroyed or damaged types and other notes are given in parenthesis for selected species following the rank of type, e.g., “[1S (destroyed) in ESEC]”. If a lectotype has been previously designated, the citation referring to such a designation is also given following the rank of type, e.g., “[L & 33PL designated by El-Hawagry (2008: 219, 220) in CUE]”.

Abbreviations used for types:

H = holotype

L = lectotype

PL = paralectotype
S = syntype(s)
T = type (status not ascertained)
C = cotype

Abbreviations for Egyptian insect collections:

CUE = Collection of Efflatoun Bey, Entomology Department, Faculty of Science, Cairo University, Cairo, Egypt.

ESEC = Collection of Entomological Society of Egypt, Ramses Street, Cairo, Egypt.

ASUC = Collection of Entomology Department, Faculty of Science, Ain Shams University, Abbassia, Cairo, Egypt.

Distribution:

Complete distributional information as is known from the literature is listed in alphabetical order. Localities preceded by a question mark (?) are considered questionable for purposes of this catalogue.

The following abbreviations are used in the geographical treatment of the catalogue:

AF = Afrotropical
AU = Australasian/Oceanian
NEA = Nearctic
OR = Oriental
PA = Palaearctic

Gebel Elba, the south-eastern triangle of Egypt, is considered as the northern limit of the Afrotropical region. It is placed in closed brackets after the country name "Egypt" and listed as Afrotropical, e.g., " AF: Egypt [as "Gebel Elba"]". While other regions of Egypt are listed as Palaearctic, e.g., "PA: Egypt".

Egyptian localities and dates of collection:

The Egyptian localities and dates of collection map a picture for the distribution and activity periods of flies in the different ecological zones of Egypt. Localities within each ecological zone are arranged alphabetically and written after a colon following the ecological zone, e.g., " Lower Nile Valley: Abu-Rawash, Kafr Hakim, Kirdassa". Data from specimens preserved in the Egyptian insect collections and literature records, in addition to specimens collected from different Egyptian localities, from 1991 to 2010, by the author are the main sources for this part of the catalogue.

If the Egyptian localities or dates of collection were not known from the literature or from the specimens deposited in the collections or collected by the author, the term “Unknown” is used.

Literature cited:

The bibliography in the last chapter gives full references to all works cited in the catalogue. References are cited chronologically for multiple articles with the same authorship. In cases where more than one article was published by an author(s) in the same year, a suffix letter is put following the year (letters listed alphabetically according to publication chronology).

Journals are abbreviated according to the Serial Sources for the BIOSIS database, Biosciences Information Service, and the International Standard (ISO), or on the same principles. Volume numbers of journals are given in Arabic numbers, and issue or part numbers (if present) are included in parentheses after the volume number. In cases where there is no volume number, but the volume pertains to a particular year, that year is used as the volume number.

Books are cited with italicized title, publisher (if known), place(s) of publication, and pagination in Roman and Arabic.

Taxa treated in the catalogue are summarized numerically as follows:

Family	Subfamilies	Tribes	Genera	Species and subspecies
Asilidae	11	7	53	124
Bombyliidae	11	14	53	229
Mydidae	3	1	4	17
Mythicomyiidae	4	-	7	18
Scenopinidae	2	-	5	16
Therevidae	2	1	11	26
Total	33	23	133	430

THE CATALOGUE

Family ASILIDAE

Subfamily APOCLEINAE Papavero

Genus APOCLEA Macquart

Apoclea Macquart, 1838: 119. Type species *Apoclea pallida* Macquart, 1838, by designation of Engel (1926: 40, 42).

Bisapoclea Becker, 1925: 76. Type species: *Bisapoclea duplicata* Becker 1925.

Apoclea algira (Linnaeus, 1767)

Asilus algirus Linnaeus, 1767: 1006. Type locality: Algeria or Tunisia [as "Barbaria "].

Asilus vegeta Wiedemann, 1828: 571. Type locality: Egypt or Sudan [as "Nubien"].

Apoclea pallida Macquart, 1838: 119. Type locality: Egypt.

Apoclea fuscana Macquart, 1838: 120. Type locality: Egypt.

Apoclea aberrans Schiner, 1867: 391. Type locality: Egypt.

Asilus deformis Walker, 1871a: 259. Type locality: Egypt (Sinai: Wadi Genneh).

Apoclea alginis Fabricius, 1787. Error.

DISTRIBUTION: AF: Niger. PA: Algeria, Asian Arabic States, Egypt, Iran, Israel, Libya, Morocco, Turkey, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Amriah, Burg, Mariout, Nuzha, Salloum; Lower Nile Valley: Abu-Rawash, Borgash, Kafr Hakim, Kirdassa, Mansouriah; Eastern Desert: Ferdan, Gebel Asfar, Geneifa, Ismailia, Suez Road, Wadies south east of Cairo.

DATES OF COLLECTION: May to October.

Apoclea conicera Loew, 1856

Apoclea conicera Loew, 1856: 42. Type locality: Egypt.

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Coastal Strip: Amriah, Burg, Mariout; Eastern Desert: Wadi Hoff.

DATES OF COLLECTION: May and June.

Apoclea femoralis (Wiedemann, 1828)

Asilus femoralis Wiedemann, 1828: 466. Type locality: Egypt.

Asilus helva Wiedemann, 1828: 570. Type locality: Egypt.

Apoclea illustris Schiner, 1867: 391. Type locality: Egypt.

Apoclea aperta Becker in Becker & Stein, 1909b: 291. Type locality: Iran (Chorossan, Sirkuch, Plateau Bamrull & Beludschistan between Basman & Bampur).

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Nigeria, Sudan, Yemen. PA: Asian Arabic States, Egypt, Iran, Israel.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash, Barrage, Kafr Hakim, Mansouriah; Fayoum: Tisfa; Eastern Desert: Ghobbet El-Bous; Sinai: Wadi Firan, Wadi Gedeirat; Gebel Elba.

DATES OF COLLECTION: April to July.

Apoclea helvipes Loew, 1873

Apoclea helvipes Loew, 1873: 141. Type locality: Kazakhstan (Tschardara).

DISTRIBUTION: PA: Algeria, ?Egypt, Iran, Russia, Turkey.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Apoclea micracantha Loew, 1856

Apoclea micracantha Loew, 1856: 42. Type locality: Egypt.

Apoclea arabica Becker, 1910: 136, sensu Eflatoun, 1937 (questionable sensu Geller-Grimm, 2002: 488).

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Asian Arabic States, Egypt, Iran, Israel, Libya, Morocco, Tunisia, Yemen.

EGYPTIAN LOCALITIES: Coastal Strip: Salloum; Lower Nile Valley: Borgash, Kafr Hakim, Katta, Kirdassa, Mansouriah, Marg; Western Desert: Dakhla Oasis; Sinai: El-Tor; Gebel Elba.

DATES OF COLLECTION: March to September.

Apoclea plurisetosa Becker, 1909

Apoclea plurisetosa Becker, 1909b: 293. Type locality: Iran.

DISTRIBUTION: PA: Iran, ?Egypt.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Genus **HIPPOMACHUS** Engel

Trichonotus Loew, 1858: 365. Type species: *Trichonotus pegasus* Loew,

1858, by monotypy. Junior primary homonym, preoccupied by Schneider, 1801.

Hippomachus Engel, 1927: 148. Replacement name for *Trichonotus* Loew.

Hipomachus [of authors]. Misspelling.

Hippomachus mivatus (Walker, 1871)

Asilus mivatus Walker, 1871: 259. Type locality: Djibouti (Tajura, Wadi Nash).

Apoclea algira sensu Efflatoun, 1934: 93.

DISTRIBUTION: AF: Central African Republic, Djibouti, Kenya, Sudan.

PA: Asian Arabic States, Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout; Lower Nile Valley: Abu-Rawash, Mansouriah; Eastern Desert: Wadies south east of Cairo.

DATES OF COLLECTION: May to October.

Genus **NEOLOPHONOTUS** Engel

Lophonotus Macquart, 1838: 125. Type species: *Lophonotus auribarbis* Macquart, 1838 [= *Dasyopogon suillus* Fabricius, 1805], junior primary homonym, preoccupied by Stephens, 1829. Subsequent designation by Coquillett 1910: 562.

Neolophonotus Engel, 1925: 347. Replacement name for *Lophonotus* Macquart.

Lophopeltis Engel, 1925: 348 (as subgenus of *Neolophonotus*). Type species: *Lophonotus erythracanthus* Hermann, 1907, by original designation.

Lophybus Engel, 1925: 348 (as subgenus of *Neolophonotus*). Type species: *Lophonotus melanolphus* Loew, 1858, by original designation.

Antilophonotus Lindner, 1955: 38. Type species: *Antilophonotus maculipennis* Lindner, 1955, by monotypy.

Neolophonotus efflatouni Londt, 1987

Neolophonotus molitor (Wiedemann, 1828: 450), sensu Efflatoun, 1934: 77.

Neolophonotus efflatouni Londt, 1987: 404. Type locality: Egypt.

DISTRIBUTION: AF & PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Matrouh; Lower Nile Valley: Abu-Rawash; Eastern Desert: Wadi Degla, Wadi Dar El-Maskhara, Wadi Gharaba, Wadi Hoff, Wadi Ibtadi, Wadi Rishrash, Wadi Um-Elek, Wadi Zohleiga.

DATES OF COLLECTION: March to May.

Neolophonotus leucotaenia (Bezzi, 1906)

Lophonotus leucotaenia Bezzi, 1906: 286. Type locality: Eritrea.

DISTRIBUTION: AF: Ethiopia. PA: ?Egypt.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Neolophonotus macropterus (Loew, 1854)

Lophonotus macropterus Loew, 1854: 7. Type locality: Egypt or Sudan [as "Nubien"].

Dysmachus macropterus sensu Loew, 1860b.

DISTRIBUTION: AF: Sudan. PA: Egypt.

EGYPTIAN LOCALITIES: Upper Nile Valley.

DATES OF COLLECTION: Unknown.

Neolophonotus pegasus (Loew, 1858)

Trichonotus pegasus Loew, 1858: 365. Type locality: South Africa (Eastern Cape) [as "Caffraria"].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], South Africa, Sudan.

EGYPTIAN LOCALITIES: Gebel Elba: Wadi Kanssissrob.

DATES OF COLLECTION: January.

Neolophonotus spiniventris (Loew, 1858)

Lophonotus spiniventris Loew, 1858: 365. Type locality: South Africa (Cape of Good Hope).

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], South Africa, Sudan.

EGYPTIAN LOCALITIES: Coastal Strip: Matrouh; Gebel Elba: Wadi Edeib, Wadi Hekwal, Wadi Kanssissrob.

DATES OF COLLECTION: January to May.

Genus **PHILODICUS** Loew

Philodicus Loew, 1847: 391. Type species: *Asilus javanus* Wiedemann, 1819, by monotypy.

Philodicus ludens (Wiedemann, 1828)

Asilus ludens Wiedemann, 1828: 572. Type locality: Egypt or Sudan [as "Nubien"].

DISTRIBUTION: AF: Sudan. PA: Egypt.

EGYPTIAN LOCALITIES: Upper Nile Valley.

DATES OF COLLECTION: Unknown.

Genus **PROMACHUS** Loew

Trupanea Macquart, 1838: 91. Type species: *Asilus maculatus* Fabricius, 1775, by designation of Coquillett (1910b: 618). Junior primary homonym, preoccupied by Schrank, 1795.

Promachus Loew, 1848: 390. Replacement name for *Trupanea* Macquart, 1838.

Teretromyia Bigot, 1859: 416. Type species: *Teretromyia cothurnata* Bigot, 1859, by monotypy.

Telejoneura Rondani, 1863: 48. Type species: *Trupanea cyprica* Rondani, 1856, by monotypy.

Philomachus Karsch, 1888: 375. Type species: *Philomachus rhopalocerus* Karsch, 1888, by original designation and monotypy.

Trypanoides Becker 1925: 71. Type species: *Trupanea testaceipes* Macquart, 1855, by designation of Engel (1926: 22).

Enagaedium Engel 1930: 459 (as subgenus). Type species: *Asilus poetinus* Walker, 1849, by original designation.

Parapromachus Hull 1962: 464. Type species: *Promachus leoninus* Loew, 1848: 404.

Promacus [of authors]. Incorrect subsequent spelling of *Promachus*.

Promachus aegyptiacus Efflatoun, 1929

Promachus aegyptiacus Efflatoun, 1929: 66. Type locality: Egypt (Burg, Mariout).

DISTRIBUTION: AF: Sudan. PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Mariout.

DATES OF COLLECTION: March to May.

Promachus argentipennis Efflatoun, 1929

Promachus argentipennis Efflatoun, 1929: 68. Type locality: Egypt (Gebel Elba: Wadi Kanssissrob) [4S in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Egypt.

EGYPTIAN LOCALITIES: Gebel Elba: Wadi Kanssissrob.

DATES OF COLLECTION: March and May.

Promachus griseiventris Becker in Becker & Stein, 1913

Promachus griseiventris Becker in Becker & Stein, 1913: 529. Type locality: Iran (Persisch-Beludschistan).

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Egypt, Iran, Israel.

EGYPTIAN LOCALITIES: Coastal Strip: Amriah, Mariout; Lower Nile Valley: Borgash, Kafr Hakim, Kirdassa, Mansouriah; Eastern Desert: Serapium, Wadi Digla. Sinai: El-Arish, Wadi Um-Choshibi; Gebel Elba.

DATES OF COLLECTION: March to July.

Promachus lacinosus Becker, 1907

Promachus lacinosus Becker, 1907a: 46. Type locality: Tunis (El-Djerba).

DISTRIBUTION: PA: Egypt, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Hammam, Ikingi Mariout; Lower Nile Valley: Kirdassa; Eastern Desert: Geneifa, Suez Road, Wadi Um-Elek.

DATES OF COLLECTION: May to July.

Promachus rectangularis Loew, 1854

Promachus rectangularis Loew, 1854: 5. Type locality: Ethiopia (Massaua).

DISTRIBUTION: AF: ?Egypt [as "Gebel Elba"], Eritrea, Yemen. PA: Iran.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Promachus ruepelli Loew, 1854

Promachus ruepelli Loew, 1854: 6. Type locality: Ethiopia (Massaua).

Erax cinctipes Walker, 1871b: 258. Type locality: Egypt (South Sinai: Wadi Feran).

DISTRIBUTION: AF: ?Egypt [as "Gebel Elba"], Ethiopia.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Promachus sinaiticus Eflatoun, 1934

Promachus sinaiticus Eflatoun, 1934: 58. Type locality: Egypt (Sinai: Wadi Feran and Wadi Gedeirat) [7S in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Wadi Firan, Wadi Gedeirat.

DATES OF COLLECTION: May and June.

Promachus tewfiki Efflatoun, 1929

Promachus tewfiki Efflatoun, 1929: 70. Type locality: Egypt (Gebel Elba) [7S in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Wadi Firan; Gebel Elba.

DATES OF COLLECTION: April and May.

Subfamily **ASILINAE** Latreille

Genus **ANEOMOCHTHERUS** Lehr

Aneomochtherus Lehr, 1996: 75. Type species: *Neomochtherus micrasiaticus* Tsacas, 1968, by original designation.

Aneomochtherus aegyptius (Macquart, 1838)

Asilus aegyptius Macquart, 1838: 137. Type locality: Egypt.

Mochtherus longitudinalis Loew, 1856: 41. Type locality: Egypt.

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Amriah, Burg, Ikingi Mariout, Mallaha.

DATES OF COLLECTION: May and June.

Genus **ANTIPHRISSON** Loew

Antiphrisson Loew, 1849: 124. Type species: *Asilus trifarius* Loew, 1849, by original designation.

Antiphrisson adpressus (Loew, 1849)

Asilus adpressus Loew, 1849: 125. Type locality: Turkey (Deniglu am Maander).

DISTRIBUTION: PA: Egypt, Europe, Iran, Israel, Kazakhstan, Russia, Tunisia, Turkey.

EGYPTIAN LOCALITIES: Coastal Strip: Matrouh, Ramleh, Wadi Mayer; Lower Nile Valley: Abu-Rawash, Borgash, El-Katta, El-Marg, Kafr Hakim, Kirdassa, Mansouriah; Eastern Desert: Geneifa, Ogret El-

Sheikh, Serapium, Wadi Degla, Wadi Hai, Wadi Handal; Western Desert: Baharia Oasis; Fayoum: Beni Meggon.
DATES OF COLLECTION: August to November.

Antiphrisson trifarius (Loew, 1849)

Asilus trifarius Loew, 1849: 128. Type locality: Italy (Sicily) & Greece or Turkey [as "Kleinasien, die griechischen Inseln, Sicilien"].

Antiphrisson sareptans Lichtwardt, 1903: 103. Type locality: Russia (Sarepta) [as "Krasnoarmeysk near Volgograd"].

Antiphrisson thalhammeri Lichtwardt, 1903: 106. Type locality: Ungarn.

DISTRIBUTION: PA: Albania, Belgium, Bosnia-Herzegovina, Croatia, Egypt, France, Germany, Greece, Hungary, Israel, Italy, Kazakhstan, Macedonia, Malta, Morocco, Romania, Russia, Slovenia, Spain, Switzerland, Syria, Transcaucasia, Turkey, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout; Lower Nile Valley: Abu-Rawash, Ezbet El-Nakhl, Kafr Hakim, Ma'adi, Marg; Eastern Desert: Turah, Wadi Zohleiga.

DATES OF COLLECTION: March and April.

Genus **ASILUS** Linnaeus

Asilus Linnaeus, 1758: 605. Type species: *Asilus crabroniformis* Linnaeus, 1758, by subsequent designation of Latreille (1810: 443).

Asilus enitens Walker, 1871

Asilus enitens Walker, 1871a: 259. Type locality: Egypt (Sinai: Wadi Genneh).

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Wadi Genneh.

DATES OF COLLECTION: Unknown.

Genus **CERDISTUS** Loew

Cerdistus Loew, 1849: 74 (as subgenus of *Asilus*). Type species: *Asilus erythrurus* Meigen, 1820, by designation of Engel (1927: 92).

Rhabdoitamus White, 1918: 95. Type species: *Neoitamus brunneus* White, 1914. Proposed as a subgenus.

Rhabdoitamus Hull, 1962: 513. Misspelling of *Rhabdoitamus* White, 1918.

Cerdistus desertorum Efflatoun, 1934

Cerdistus desertorum Efflatoun, 1934: 136. Type locality: Egypt (Ogret el-Sheikh, Wadi Abu-El-Nessour, Wadi Hai, Wadi Hoff, Mariout) [3S in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout; Eastern Desert: Ogret El-Sheikh, Wadi Abu-El-Nessour, Wadi Hai, Wadi Hoff; Sinai: Wadi Gedeirat.

DATES OF COLLECTION: October.

Cerdistus pallidus (Efflatoun, 1927)

Epitriptus pallidus Efflatoun, 1927: 98. Type locality: Egypt (Abu-Rawash, Beni Meggon, Kafr Hakim, Katta, Mansouriah) [6S in ESEC].

DISTRIBUTION: PA: Libya, Egypt.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash, Borgash, El-Katta, Kafr Hakim, Katta, Kirdassa, Mansouriah; Fayoum: Beni Meggon.

DATES OF COLLECTION: October and November.

Genus **DYSMACHUS** Loew

Dysmachus Loew, 1860: 143. Type species: *Asilus trigonus* Meigen, 1804, by designation of Coquillett (1910: 536).

Dysmachus albiciliatus (Loew, 1854)

Lophonotus albiciliatus Loew, 1854: 6. Type locality: Egypt (Mariout) [5S in CUE].

DISTRIBUTION: AF: Sudan. PA: Algeria, Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Mariout.

DATES OF COLLECTION: February and March.

Dysmachus albiseta Becker, 1907

Dysmachus albiseta Becker, 1907a: 51. Type locality: Tunis (Gafsa).

DISTRIBUTION: PA: ?Egypt, Tunisia.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Dysmachus theodori Engel, 1930

Dysmachus theodori Engel, 1930: 127. Type locality: Egypt & Tunisia.

DISTRIBUTION: PA: ?Egypt, Tunisia.
EGYPTIAN LOCALITIES: Unknown.
DATES OF COLLECTION: Unknown.

Genus **ECCOPTOPUS** Loew

Eccoctopus Loew, 1860: 144. Type species: *Asilus longitarsis* Macquart, 1838, by original designation.

Coelopus Becker, 1907: 58. Type species: *Coelopus lucidus* Becker, 1907, by monotypy.

Eccoctopus longitarsis (Macquart, 1838)

Asilus longitarsis Macquart, 1838: 140. Type locality: Iran.

Asilus erythrogastrus Loew, 1871: 120. Type locality: Spain.

Coelopus lucidus Becker, 1907a: 58. Type locality: Tunis.

DISTRIBUTION: PA: Algeria, Egypt, Iran, Iraq, Israel, Morocco, Spain, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Amriah, Burg, Ikingi Mariout, Max, Nuzha, Salloum; Eastern Desert: Gebel Shmendeib; Sinai: Ein Gedeirat, El-Arish, kosseyima.

DATES OF COLLECTION: March to September.

Genus **ECHTHISTUS** Loew

Echthistus Loew, 1849: 142. Type species: *Asilus rufinervis* Meigen, 1820.

Echthistus rufinervis (Meigen, 1820)

Asilus rufinervis Meigen, 1820: 324. Type locality: Austria & Southern Russia.

DISTRIBUTION: PA: Egypt, Israel, Russia, Turkey.

EGYPTIAN LOCALITIES: Eastern Desert: Abu-Soueir.

DATES OF COLLECTION: May.

Genus **EREMISCA** Hull

Eremisca Zinojeva, 1956. *Nomen nudum*.

Eremisca Hull, 1962: 516. Type species: *Eremisca vernalis* Zinovjeva, 1956, by original designation.

Eremisca heleni heleni (Eflatoun, 1934)

Cerdistus heleni Eflatoun, 1934: 140. Type locality: Egypt (Eastern Desert: Gebel Asfar, Geneifa, Wadies south east of Cairo) [8S in ESEC].

DISTRIBUTION: AF: Oman. PA: Asian Arabic States, Egypt, Iran, Israel, Morocco.

EGYPTIAN LOCALITIES: Coastal Strip: Wadi Mayer; Eastern Desert: Wadies south east of Cairo, Gebel Asfar, Geneifa.

DATES OF COLLECTION: October and November.

Eremisca osiris (Wiedemann, 1828)

Asilus osiris Wiedemann, 1828: 452. Type locality: Egypt.

DISTRIBUTION: PA: Egypt, Israel, Morocco, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Mallaha; Lower Nile Valley: Abu-Rawash, Ezbet El-Nakhl, Giza; Eastern Desert: Ismailia, Wadi Dar El-Maskharah, Wadi Ibtadi, Wadi Murrah, Wadi Um-Meallag, Wadi Zohleiga; Sinai: Wadi Gedeirat.

DATES OF COLLECTION: March to May.

Genus **MACHIMUS** Loew

Machimus Loew, 1849: 1 (as subgenus of *Asilus*). Type species: *Asilus chrysitis* Meigen, 1820, by designation of Coquillett (1910b: 564).

Dinozabrus Hull, 1962: 573. Type species: *Dinozabrus bicolor* Hull, 1962, by original designation.

Subgenus **ALLOMACHIMUS** Bequaert

Allomachimus Bequaert, 1964: 1. Type species: *Machimus (Allomachimus) barcelonicus* Bequaert, 1964, by original designation.

Machimus (Allomachimus) meridionalis Eflatoun, 1934

Machimus meridionalis Eflatoun, 1934: 168. Type locality: Egypt (Salloum) [2S in ESEC].

DISTRIBUTION: PA: Egypt.
EGYPTIAN LOCALITIES: Coastal Strip: Burg, Salloum.
DATES OF COLLECTION: May to August.

Genus **MACHIREMISCA** Lehr

Machiremisca Lehr, 1996: 21. Type species: *Dysmachus verticillatus* Becker, 1907, by original designation.

Machiremisca costalis (Theodor, 1980)

Dysmachus costalis Theodor, 1980: 383. Type locality: Israel.
DISTRIBUTION: PA: Egypt, Israel.
EGYPTIAN LOCALITIES: Sinai: El-Arish, St. Katharine.
DATES OF COLLECTION: April to August.

Machiremisca verticillatus (Becker, 1907)

Dysmachus verticillatus Becker, 1907a: 53. Type locality: Tunisia (Sfax).
DISTRIBUTION: PA: Egypt, Israel, Tunisia.
EGYPTIAN LOCALITIES: Coastal Strip: Burg, Mariout; Eastern Desert: Suez Road; Sinai: El-Arish, Wadi El-Arish; Upper Nile Valley: Asswan.
DATES OF COLLECTION: January to March.

Genus **NEOEPITRIPTUS** Lehr

Neopitriptus Lehr, 1992: 101. Type species: *Asilus setosulus* Zeller, 1840, by original designation.

Neopitriptus inconstans (Wiedemann in Meigen, 1820)

Asilus inconstans Wiedemann in Meigen, 1820: 323. Type locality: Portugal.
Asilus culiciformis Wiedemann, 1818: 32. Type locality: Crimea [as "Taurica"].
Machimus micropyga Becker in Becker & Stein, 1913: 74. Type locality: Morocco (Tanger).
DISTRIBUTION: PA: Algeria, Corse "Corsica", Czech Republic, ?Egypt, France, Greece, Italy, Morocco, Portugal, Russia, Slovakia, Spain, Switzerland, Tunisia.

EGYPTIAN LOCALITIES: Unknown.
DATES OF COLLECTION: Unknown.

Genus **PASHTSHENKOA** Lehr

Pashtshenkoa Lehr, 1995: 73. Type species: *Neomochtherus kaszabi*
Lehr, 1975, by original designation.

Pashtshenkoa clypeatus (Becker, 1915)

Heligmoneura clypeatus Becker, 1915: 312 Type locality: Tunisia.

DISTRIBUTION: PA: Algeria, Egypt, Tunisia.

EGYPTIAN LOCALITIES: Lower Nile Valley: Mansouriah; Eastern
Desert: Wadi Garawi, Wadi Hoff.

DATES OF COLLECTION: May to November.

Genus **PHILERIS** Tsacas & Weinberg

Phileris Tsacas & Weinberg, 1976: 93. Type species: *Asilus dorsiger*
Wiedemann, 1828, by original designation.

Phileris dorsiger (Wiedemann, 1828)

Asilus dorsiger Wiedemann, 1828: 436. Type locality: Egypt.

DISTRIBUTION: PA: Egypt, Greece, Israel, Libya.

EGYPTIAN LOCALITIES: Coastal Strip: Dekheila, Maa'moura.

DATES OF COLLECTION: September.

Phileris sinaiticus (Eflatoun, 1934)

Philonicus sinaiticus Eflatoun, 1934: 131. Type locality: Egypt (Sinai)
[3S destroyed in ESEC].

DISTRIBUTION: PA: Afghanistan, Egypt, Israel.

EGYPTIAN LOCALITIES: Sinai: El-Arish, Wadi Gedeirat.

DATES OF COLLECTION: July to November.

Genus **PREMOCHTHERUS** Lehr

Premochtherus Lehr, 1996: 126. Type species: *Neomochtherus helictus*
Tsacas, 1968, by original designation.

Premochtherus detorsus (Tsacas, 1968)

Neomochtherus detorsus Tsacas, 1968: 192. Type locality: Egypt (Wadi Hoff).

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Wadi Hoff.

DATES OF COLLECTION: Unknown.

Genus **SATANAS** Jacobson

Satanas Jacobson, 1908: 36. Type species: *Asilus gigas* Eversmann, 1855, by monotypy.

Satanas gigas (Eversmann, 1855)

Asilus gigas Eversmann, 1855: 200. Type locality: Russia.

DISTRIBUTION: PA: Algeria, China, Egypt, Greece, Iran, Israel, Kazakhstan, Libya, Mongolia, Romania, Russia, Transcaucasia, Turkey.

EGYPTIAN LOCALITIES: Lower Nile Valley: Beheira, Dekernis, Sharqeya; Eastern Desert: Abu-Soueir, Geneifa, Ismailia; Western Desert: Kharga Oasis; Fayoum.

DATES OF COLLECTION: May and June.

Genus **TOLMERUS** Loew

Tolmerus Loew, 1849: 94 (as subgenus of *Asilus*). Type species: *Asilus pyragra* Zeller, 1840, by designation of Coquillett (1910: 615).

Epitriptus Loew, 1849: 108. Type species: *Asilus cingulatus* Fabricius, 1781, by designation of Coquillett (1910: 593).

Epitreptus: [of authors]. Incorrect subsequent spelling of *Epitriptus*.

Tolmerus katharinae (Theodor, 1980)

Machimus katharinae Theodor, 1980: 347. Type locality: Egypt (Sinai: St. Katharina).

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: St. Katharine.

DATES OF COLLECTION: April to August.

Genus **TURKIELLA** Lehr

Turkiella Lehr, 1996: 131. Type species: *Epitriptus cervinus* Loew, 1856, by original designation.

Turkiella cervinus (Loew, 1856)

Epitriptus cervinus Loew, 1856: 40. Type locality: Egypt.

Epitriptus cretaceus Becker & Stein, 1913: 532. Type locality: Iran.

DISTRIBUTION: PA: Egypt, Iran, Iraq, Kazakhstan, Middle Asia, Morocco, Russia, Turkey, Tunisia.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Subfamily **DASYPOGONINAE** Macquart

Tribe **DASYPOGONINI** Macquart

Genus **DASYPOGON** Meigen

Dasygogon Meigen, 1803: 270. Type species: *Asilus diadema* Fabricius, 1781, by designation of Westwood (1840: 133).

Dasygogon longus Macquart, 1838

Dasygogon longus Macquart, 1838: 43. Type locality: Egypt.

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Genus **SAROPOGON** Loew

Saropogon Loew, 1847: 439 (as subgenus of *Dasygogon*). Type species: *Dasygogon luctuosus* Wiedemann, 1820, by designation of Coquillett (1910: 603).

Araiopogon Carrera, 1949: 122. Type species: *Dasygogon gayi* Macquart, 1838, by original designation.

Oberon Carrera & Papavero 1962: 57. Type species: *Oberon velutinus* Carrera & Papavero, 1962, by original designation.

Saropogon [of authors]. Incorrect subsequent spelling of *Saropogon*.

Saropogon aurifrons (Macquart, 1850)

Dasyopogon aurifrons Macquart, 1850: 434. Type locality: Algeria.

DISTRIBUTION: PA: Algeria, Egypt, Israel, Morocco, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Abu-Sir, Burg, Mariout; Eastern Desert: Suez Road.

DATES OF COLLECTION: March to June.

Saropogon distinctus Becker, 1906

Saropogon distinctus Becker, 1906d: 359. Type locality: Algeria (Bou Saad).

DISTRIBUTION: PA: Algeria, Egypt, Israel.

EGYPTIAN LOCALITIES: Coastal Strip: Maa'moura; Lower Nile Valley: Edfina, Edku, El-Katta, Kafr Hakim, Kirdassa, Mansouriah, Shebin El-Qanater, Wardan; Eastern Desert: Abu-Soueir, El-Gorani, Ghobbet El-Bous, Serapium, Suez Road, Wadi Abu-Trifia.

DATES OF COLLECTION: April to July.

Saropogon elbaiensis Eflatoun, 1937

Saropogon elbaiensis Eflatoun, 1937: 394. Type locality: Egypt (Gebel Elba) [13S (7 destroyed) in ESEC, 14S in CUE].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Libya.

EGYPTIAN LOCALITIES: Gebel Elba.

DATES OF COLLECTION: April and May.

Saropogon jugulum (Loew, 1847)

Dasyopogon jugulum Loew, 1847: 441. Type locality: Greece (Insel Rhodus).

Saropogon micropterus Loew, 1869b: 82, sensu Engel, 1030. Type locality: Greece.

Saropogon brachypterus Loew, 1869b: 96. Type locality: Spain (Andalusia).

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Albania, Algeria, Bosnia-Herzegovina, Croatia, Egypt, France, Greece, Iran, Libya, Morocco, Macedonia, Serbia, Slovenia, Spain, Turkey.

EGYPTIAN LOCALITIES: Common in all Egyptian ecological zones.

DATES OF COLLECTION: March to June.

Saropogon leucocephalus (Meigen, 1820)

Dasyopogon leucocephalus Meigen, 1820: 259. Type locality: France

(Antibes).

Laphria scutellaris Wiedemann, 1820: 296. Type locality: Portugal.

DISTRIBUTION: PA: Egypt, France, Israel, Italy, Morocco, Spain, Tunisia, Turkey.

EGYPTIAN LOCALITIES: Coastal Strip: Burg; Sinai: Wadi Gedeirat.

DATES OF COLLECTION: March.

Saropogon longicornis (Macquart, 1838)

Dasyopogon longicornis Macquart, 1838: 192. Type locality: Egypt.

DISTRIBUTION: PA: Egypt, Iran, Israel.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash, Ezbet El-Nakhl, Kafr Hakim, Kafr Katati, Katta, Kirdassa, Marg, Mansouriah, Wardan; Eastern Desert: Wadi Gharagid; Sinai: Ein Gedeirat, Wadi Moweileh.

DATES OF COLLECTION: May to September.

Saropogon melampygyus (Loew, 1851)

Dasyopogon melampygyus Loew, 1851: 10. Type locality: Syria.

Dasyopogon melanopygyus: Becker, 1903c. Incorrect subsequent spelling of *melampygyus*?

DISTRIBUTION: AF: Ethiopia, Mali, Mauritania, Niger, Senegal, Sudan, Yemen. PA: Egypt, Syria, Turkey.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash, Ezbet El-Nakhl, Kafr Hakim, Kafr Katati, Katta, Kirdassa, Marg, Mansouriah, Wardan; Eastern Desert: Wadi Gharagid; Sinai: Ein Gedeirat, Wadi Moweileh.

DATES OF COLLECTION: May to September.

Saropogon olivierii (Macquart, 1838)

Dasyopogon olivierii Macquart, 1838: 33. Type locality: Egypt.

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Saropogon pittoproctus Loew, 1873

Saropogon pittoproctus Loew, 1873: 124. Type locality: Uzbekistan (Samarkand).

DISTRIBUTION: PA: Egypt, Kazakhstan, Mongolia, Russia, Uzbekistan.

EGYPTIAN LOCALITIES: Coastal Strip: Hammam.

DATES OF COLLECTION: May.

Saropogon pollinosus Loew, 1869

Saropogon pollinosus Loew, 1869b: 75. Type locality: Turkey (Izmir).

DISTRIBUTION: PA: Egypt, Turkey, Spain, Tunisia.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Saropogon pseudojugulum Theodor, 1980

Saropogon pseudojugulum Theodor, 1980: 201. Type locality: Israel (Revivim).

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Sinai: El-Arish, St. Katharine.

DATES OF COLLECTION: April to August.

Saropogon vestitus (Wiedemann, 1828)

Dasypogon vestitus Wiedemann, 1828: 406. Type locality: Egypt or Sudan [as "Nubien"].

Dasypogon aegypticus Macquart, 1838: 33. Type locality: Egypt.

Saropogon confluens Loew, 1851: 10. Type locality: Syria.

DISTRIBUTION: PA: Egypt, Iran, Israel, Libya, Syria, Turkey, Switzerland.

EGYPTIAN LOCALITIES: Coastal Strip: Abu-Sir, Burg, Dekheila, Ikingi Mariout; Lower Nile Valley: Abu-Rawash, Ezbet El- Nakhel, Giza, Helwan, Kafr Katati, Kafr Hakim, Kirdassa, Mansouriah, Marg, Pyramids; Upper Nile Valley: Wadi Assiuot; Eastern Desert: Wadi Ibtadi, Wadi Gharagid; Sinai: Wadi Gedeirat, South Sinai.

DATES OF COLLECTION: April and May.

Saropogon weissi Bezzi, 1910

Saropogon weissi Bezzi, 1910 [See: Bezzi, 1911: 316]. Type locality: Tunis (Djerba).

DISTRIBUTION: PA: Algeria, Egypt, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Maa'moura; Lower Nile Valley: Edfina, Edku, El-Katta, Kafr Hakim, Kirdassa, Mansouriah, Shebin El-Qanater, Wardan; Eastern Desert: Abu-Soueir, El-Gorani, Ghobbet El-Bous, Serapium, Suez Road, Wadi Abu-Trifia.

DATES OF COLLECTION: April to July.

Subfamily **DIOCTRIINAE** Enderlein

Tribe **DIOCTRIINI** Enderlein

Genus **DIOCTRIA** Meigen

Dioctria Meigen, 1803: 270. Type species: *Asilus oelandicus* Linnaeus, 1758, by subsequent designation of Latreille (1810: 443).

Dioctria lateralis Meigen, 1804

Dioctria lateralis Meigen, 1804: 258. Type locality: Germany (Stolberg, near Aachen).

Dioctria haemorrhoidalis Meigen, 1820: 250. Type locality: France (Paris & southern France).

DISTRIBUTION: PA: Algeria, Austria, Belgium, Bulgaria, Corse, Czech, Egypt, France, Germany, Hungary, Kazakhstan, Poland, Romania, Republic, Russia, Switzerland, Slovakia, The Netherlands.

EGYPTIAN LOCALITIES: Lower Nile Valley: Cairo.

DATES OF COLLECTION: Unknown.

Subfamily **LAPHRIINAE** Macquart

Tribe **CTENOTINI** Hull

Genus **CTENOTA** Loew

Ctenota Loew, 1873: 136. Type species: *Ctenota molitrix* Loew, 1873, by monotypy.

Epilamyra Becker & Stein 1913: 541. Type species: *Epilamyra coerulea* Becker & Stein, 1913, by monotypy.

Paractenota Engel, 1925: 141. Type species: *Paractenota efflatouni* Engel, 1925, by original designation.

Ctenota coerulea (Becker & Stein, 1913)

Epilamyra coerulea Becker & Stein, 1913: 542. Type locality: Iran.

DISTRIBUTION: PA: Egypt, Iran, Mongolia, Russia.

EGYPTIAN LOCALITIES: Western Desert: Kharga Oasis.

DATES OF COLLECTION: September.

Ctenota efflatouni (Engel, 1925)

Paractenota efflatouni Engel, 1925: 142. Type locality: Egypt (Ikingi Mariout).

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Coastal Strip: Amriah, Burg, Mariout.

DATES OF COLLECTION: April to July.

Ctenota molitrix Loew, 1873

Ctenota molitrix Loew, 1873: 135. Type locality: Middle Russia (Middle Russia).

DISTRIBUTION: PA: Egypt, Iran, Israel, Kazakhstan, Russia, Syria.

EGYPTIAN LOCALITIES: Lower Nile Valley: Kafr Hakim, Kirdassa, Pyramids; Eastern Desert: Abu-Sultan, Gebel Asfar, Hurghada, Suez Road, Wadies south east of Cairo; Sinai: Wadi Gedeirat.

DATES OF COLLECTION: March to November.

Genus **LAMYRA** Loew

Lamyra Loew, 1851: 19 (as subgenus of *Laphria*). Type species:

Laphria gulo Loew, 1851, by monotypy.

Lamyra vorax Loew, 1858

Lamyra vorax Loew, 1858: 353. Type locality: Sudan (Khartoum).

Laphria nobilis Walker, 1871: 258 sensu Loew, 1873: 108.

DISTRIBUTION: AF: Burkina-Faso, Djibouti, Ethiopia, Gambia, Ghana, Mauritania, Saudi Arabia, Sudan, Yemen. PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Genus **STIPHROLAMYRA** Engel

Stiphrolamyra Engel, 1928: 231. Type species: *Lamyra bipunctata* Loew, 1858, by original designation.

Stiphrolamyra rubicunda Oldroyd, 1947

Stiphrolamyra rubicunda Oldroyd, 1947: 117. Type locality: Egypt

(Siwa Oasis).

Stiphrolamyra diaxantha [of authors, not Hermann].

DISTRIBUTION: PA: Egypt, Israel, Libya, Morocco.

EGYPTIAN LOCALITIES: Lower Nile Valley: Marg; Eastern Desert:
Ghobbet El-Bous, Wadi Gharandal; Western Desert: Siwa Oasis;
Sinai: Wadi Firan.

DATES OF COLLECTION: May to July.

Stiphrolamyra sinaitica Theodor, 1980

Stiphrolamyra sinaitica Theodor, 1980: 245. Type locality: Egypt (Sinai:
St. Catherine).

DISTRIBUTION: PA: Egypt, Iraq, Jordan.

EGYPTIAN LOCALITIES: Sinai: St. Catherine.

DATES OF COLLECTION: March to September.

Tribe **LAPHRIINI** Macquart

Genus **NUSA** Walker

Nusa Walker, 1851: 105. Type species: *Nusa aequalis* Walker, 1851, by
designation of Hermann (1912: 243).

Dasythrix Loew, 1851: 21 (as subgenus of *Laphria*). Type species:
Laphria infumata Loew, 1851, by designation of Engel (1928: 236).

Halictosoma Rondani, 1873: 298. Type species: *Halictosoma puella*
Rondani, 1873, by monotypy.

Nusa infumata (Loew, 1851)

Laphria infumata Loew, 1851: 21. Type locality: South Africa.

Laphria brachyptera Loew, 1851: 21. Type locality: South Africa.

Dasythrix stenura Loew, 1858: 358. Type locality: South Africa.

Dasythrix ruficornis Wulp, 1899: 91. Type locality: South Yemen.

Dasythrix vittipes Bezzi, 1915: 226. Type locality: Somalia.

Nusa gaerdesi Lindner, 1973: 79. Type locality: Namibia.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Iran, Kazakhstan, Kenya,
Middle Asia, Mozambique, Namibia, Socotra. Somalia, South African
Republic, Tanzania, Yemen, Zimbabwe. PA: Russia.

EGYPTIAN LOCALITIES: Gebel Elba.

DATES OF COLLECTION: Unknown.

Subfamily **LAPHYSTIINAE** Hardy

Genus **ACROCHORDOMERUS** Hermann

Acrochordomerus Hermann, 1920. Type species: *Acrochordomerus aeneus* Hermann, 1920, by original designation.

Acrochordomerus engeli Efflatoun, 1937

Acrochordomerus engeli Efflatoun, 1937: 214. Type locality: Egypt (Eastern Desert: Ghobbet El- Bous) [H in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Ghobbet El- Bous "Red Sea Coast".

DATES OF COLLECTION: June.

Genus **GLYPHOTRICLIS** Hermann

Glyphotriclis Hermann, 1920. Type species: *Triclis ornatus* Schiner, 1868, by original designation.

Glyphotriclis ornatus (Schiner, 1868)

Triclis ornatus Schiner, 1868: 162. Type locality: Gibraltar [= Gebel Tarek].

DISTRIBUTION: PA: Algeria, Egypt, France, Israel, Morocco, Spain, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Matrouh; Lower Nile Valley: Helwan; Eastern Desert: Wadi Dar El Maskhara, Wadi Hataim.

DATES OF COLLECTION: April to June.

Genus **LAPHYSTIA** Loew

Laphystia Loew, 1847. Type species: *Laphystia sabulicola* Loew, 1847, by monotypy.

Laphistia [of authors]. Misspelling.

Laphystia aegyptiaca Efflatoun, 1937

Laphystia aegyptiaca Efflatoun, 1937: 226. Type locality: Egypt [27S in CUE & 19S in ESEC].

DISTRIBUTION: AF: Egypt (Gebel Elba). PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Amriah, Burg, Ikingi Mariout, Mallaha; Lower Nile Valley: Abu-Rawash, Borgash, Kafr Hakim, Kirdassa, Mansouriah; Eastern Desert: Gobbet El-Bous, Hurghada, Ismailia, Serapium, Wadi Rishrash; Sinai: St. Catherine, Wadi Firan, Wadi Gedeirat; Gebel Elba.

DATES OF COLLECTION: April to July.

Laphystia erberi Schiner, 1866

Laphystia erberi Schiner, 1866b: 996. Type locality: Greece.

Laphystia arenacea Paramonov, 1930b: 342. Type locality: Turkmenistan.

DISTRIBUTION: PA: Egypt, Greece, Iran, Iraq, Israel, Italy, Kazakhstan, Malta, Middle Asia, Spain, Romania, Russia, Transcaucasia, Tunisia, Turkey.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Ikingi Mariout; Fayoum.

DATES OF COLLECTION: May.

Genus **TRICHARDIS** Hermann

Trichardis Hermann, 1906: 137. Type species: *Laphria testacea* Macquart, 1838, by designation of Hermann (1920: 177).

Strobilothrix Becker, 1907b: 42. Type species: *Strobilothrix albipila* Becker, 1907 [= *Hoplistomera leucocoma* Wulp, 1899], by monotypy.

Trichardis leucomus (Wulp, 1899)

Hoplistomera leucocoma Wulp, 1899: 90. Type locality: Yemen (Shaik Othmann).

Strobilothrix albipila Becker, 1907a: 43. Type locality: Algeria (Laghout).

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Yemen. PA: Algeria, Asian Arabic States, Egypt, Iran, Israel, Kazakhstan, Mongolia, Morocco, Russia.

EGYPTIAN LOCALITIES: Eastern Desert: Ghobbet El-Bous, Ismailia, Ogret El-Sheikh, Suez Road, Wadi Degla, Wadi Hoff, Wadi Kheda,

Wadi Nakhla, Wadi Rishrash, Wadi Um-Elek; Upper Nile Valley:
Wadi Assiouti; Sinai: Wadi Gedeirat; Gebel Elba.
DATES OF COLLECTION: March to September.

Trichardis rueppelii (Wiedemann, 1828)
Dasypogon rueppelii Wiedemann, 1828: 569. Type locality: Egypt or
Sudan [as "Nubien"].
DISTRIBUTION: AF: Sudan. PA: Egypt.
EGYPTIAN LOCALITIES: Upper Nile Valley.
DATES OF COLLECTION: Unknown.

Subfamily **LEPTOGASTRINAE** Schiner

Genus **EUSCELIDIA** Westwood

EUSCELIDIA Westwood, 1850: 232. Type species: *Euscelidia rapax*
Westwood, 1850, by monotypy.
Dolichoscius Janssens, 1953: 2. Type species: *Dolichoscius francoisi*
Janssens, 1953, by monotypy.

Euscelidia bishariensis Efflatoun, 1937
Euscelidia bishariensis Efflatoun, 1937: 420. Type locality: Egypt (Gebel
Elba) [4S (3 destroyed) in ESEC & 29S in CUE].
DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Ethiopia, Sudan.
EGYPTIAN LOCALITIES: Gebel Elba: Wadi Hekwal, Kanssissroub, Wadi
Edeib.
DATES OF COLLECTION: January and February.

Euscelidia nitida (Wiedemann, 1828)
Leptogaster nitida Wiedemann, 1828: 535. Type locality: Egypt or
Sudan [as "Nubien"].
DISTRIBUTION: AF: Sudan. PA: Asian Arabic States, Egypt [see: Dikow
(2003)].
EGYPTIAN LOCALITIES: Unknown.
DATES OF COLLECTION: Unknown.

Genus **LEPTOGASTER** Meigen

Leptogaster Meigen, 1803: 269. Type species: *Asilus tipuloides* Linnaeus, 1758, sensu Fabricius [misident., = *Asilus cylindricus* De Geer, 1776], by monotypy.

Gonypes Latreille, 1805: 309. Type species: *Asilus tipuloides* Linnaeus, 1758, sensu Fabricius [misident., = *Asilus cylindricus* De Geer, 1776], by monotypy.

Leptogaster elbaiensis Efflatoun, 1937

Leptogaster elbaiensis Efflatoun, 1937: 424. Type locality: Egypt (Gebel Elba) [2S (1 destroyed) in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"].

EGYPTIAN LOCALITIES: Gebel Elba.

DATES OF COLLECTION: April.

Leptogaster faragi Efflatoun, 1937

Leptogaster faragi Efflatoun, 1937: 427. Type locality: Egypt (Gebel Elba: Wadi Edeib and Wadi Kanssissrob) [5S in ESEC, 4S in CUE].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"].

EGYPTIAN LOCALITIES: Gebel Elba: Wadi Edeib and Wadi Kanssissrob.

DATES OF COLLECTION: January.

Leptogaster longitibialis Efflatoun, 1937

Leptogaster longitibialis Efflatoun, 1937: 431. Type locality: Egypt (Gebel Elba: Wadi Edeib) [H in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Socotra, Sudan, Yemen.

EGYPTIAN LOCALITIES: Gebel Elba: Wadi Edeib.

DATES OF COLLECTION: January.

Subfamily **OMMATIINAE** Hardy

Genus **OMMATIUS** Wiedemann

Ommatius Wiedemann, 1821b: 213. Type species: *Asilus marginellus* Fabricius, 1781, by designation of Coquillett (1910: 579).

Ommatinus Becker, 1925: 78, 80. Type species: *Ommatius pinguis* Wulp, 1872, by designation of Engel (1926: 37).

Subgenus **OMMATIUS** Wiedemann
(Nominate subgenus)

Ommatius (Ommatius) striatus (Efflatoun, 1934)

Ommatius striatus Efflatoun, 1934: 73. Type locality: Egypt (Gebel Elba) [3S in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"].

EGYPTIAN LOCALITIES: Gebel Elba: Wadi Edeib.

DATES OF COLLECTION: January.

Ommatius (Ommatius) tenellus Wulp, 1899

Ommatius tenellus Wulp, 1899: 97. Type locality: Yemen (Haithalhim & Lahej).

DISTRIBUTION: AF: Chad, Egypt [as "Gebel Elba"], Ethiopia, Niger, Senegal, Sudan, Yemen. OR: India. PA: Algeria, Asian Arabic States, China, Iran, Israel, Russia, Transcaucasia.

EGYPTIAN LOCALITIES: Gebel Elba: Halaieb.

DATES OF COLLECTION: May.

Subgenus **METOMMATIUS** Hull

Metommatius Hull, 1962: 436. Type species: *Ommatius aegyptius* Efflatoun, 1934, by original designation.

Ommatius (Metommatius) aegyptius Efflatoun, 1934

Ommatius aegyptius Efflatoun, 1934: 66. Type locality: Egypt (Helwan, Kafr Hakin, Tisfa) [4S in ESEC].

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash, Borgash, Heliopolis, Helwan, Kafr Hakim, Kirdassa, Mansouriah, Tisfa.

DATES OF COLLECTION: May to October.

Subfamily **STENOPOGONINAE** Hull

Tribe **CYRTOPOGONINI** Artigas & Papavero

Genus **HETEROPOGON** Loew

Heteropogon Loew, 1847: 488 (as subgenus of *Dasyopogon*). Type

species: *Dasyopogon manicatus* Meigen, 1820, by designation of Back (1909: 318).

Heteropogon elegans Becker, 1907

Heteropogon elegans Becker, 1907a: 36. Type locality: Tunis.

DISTRIBUTION: PA: Egypt, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Amriah, Burg; Sinai: El-Arish.

DATES OF COLLECTION: May.

Heteropogon pyrinus Hermann, 1906

Heteropogon pyrinus Hermann, 1906: 19. Type locality: Turkmenistan (Ashgabat "= Ascabad").

Heteropogon pyrrihinus Engel, 1925: 352. Error.

DISTRIBUTION: PA: Egypt, Iran, Israel, Kazakhstan, Russia, Turkmenistan.

EGYPTIAN LOCALITIES: Eastern Desert: Wadies south east of Cairo.

DATES OF COLLECTION: April and May.

Tribe **ENIGMOMORPHINI** Hull

Genus **MICROSTYLUM** Macquart

Microstylum Macquart, 1838: 26. Type species: *Dasyopogon venosum* Wiedemann, 1821, by designation of Back (1909: 213).

Megapollyon Walker, 1851: 85. *Nomen nudum*.

Megapollyon Walker, 1855: 452. Type species: *Microstylum acutirostre* Loew, 1852, by designation of Coquillett (1910: 566).

Eclipsis Bezzi, 1908b: 375. Type species: *Eclipsis maculiventris* Bezzi, 1908, by monotypy.

Epiblepharis Bezzi, 1908b: 375. Type species: *Epiblepharis pedunculata* Bezzi, 1908, by monotypy.

Microstylum nigrisetosum Eflatoun, 1937

Microstylum nigrisetosum Eflatoun, 1937: 280. Type locality: Egypt (Gebel Elba) [4S (1 destroyed) in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan, Yemen.

EGYPTIAN LOCALITIES: Gebel Elba.

DATES OF COLLECTION: April and May.

Tribe **STENOPOGONINI** Hull

Genus **AMPHISBETETUS** Hermann

Amphisbetetus Hermann, 1906: 131. Type species: *Habropogon favillaceus* Loew, 1856, by original designation.

Amphisbetetus dorsatus Becker in Becker & Stein, 1913

Amphisbetetus dorsatus Becker in Becker & Stein, 1913: 519. Type locality: Iran [as "Persisch-Beludshitan"].

Amphisbetetus rufipes Engel, 1930: 421. Type locality: Uzbekistan (Kerki, Buchara).

DISTRIBUTION: PA: Egypt, Iran, Israel, Kazakhstan, Middle Asia, Russia, Turkey.

EGYPTIAN LOCALITIES: Eastern Desert: Wadies south east of Cairo; Sinai: El-Kantara.

DATES OF COLLECTION: March to May.

Amphisbetetus favillaceus (Loew in Rosenhauer, 1856)

Habropogon favillaceus Loew in Rosenhauer, 1856: 388. Type locality: Spain.

DISTRIBUTION: PA: Afghanistan, Egypt, Greece, Iran, Israel, Russia, Spain, Turkey.

EGYPTIAN LOCALITIES: Coastal Strip: Matrouh.

DATES OF COLLECTION: May.

Amphisbetetus gederati Eflatoun, 1937

Amphisbetetus gederati Eflatoun, 1937: 363. Type locality: Egypt (Northern Sinai: Wadi Ein Gederat) [4S (1 destroyed) in ESEC].

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Sinai: Wadi Ein Gederat.

DATES OF COLLECTION: May.

Genus **ANCYLORHYNCHUS** Berthold in Latreille

Ancylorhynchus Berthold, 1827: 498 (Latinisation of *Ancylorhinque* Latreille). Type species: *Asilus glaucius* Rossi, 1790, by designation of Engel (1930: 363).

Xiphocera Macquart, 1834: 279. Type species: *Xiphocera percheronii* Macquart, 1934, by monotypy.
Enhocera Blanchard, 1840. *Enhocera* Blanchard, 1840. Unnecessary replacement name for *Xiphocera*.
Elasmocera Rondani 1846: 154. Type species: *Elasmocera cingulatus* Rondani, 1846, by monotypy.
Ancilorhynchus, *Ancylorrhynchus* [of authors]. Misspelling of *Ancylorhynchus*.
Xiphocerus, *Xyphocera*, *Xyphocerus* [of authors]. Misspelling of *Xiphocera*.

Ancylorhynchus elbaiensis (Eflatoun, 1937)
Saropogon elbaiensis Eflatoun, 1937: 394. Type locality: Egypt (Gebel Elba) [2S in ESEC].
DISTRIBUTION: AF: Egypt [as "Gebel Elba"].
EGYPTIAN LOCALITIES: Gebel Elba.
DATES OF COLLECTION: March and April.

Genus **ANISOPOGON** Röder

Anisopogon Röder, 1881: 215. Type species: *Anisopogon glabellus* Röder, 1881, by original designation.

Anisopogon parvum Eflatoun, 1937
Anisopogon parvum Eflatoun, 1937: 378. Type locality: Egypt (Northern Sinai: Wadi Gedeirat) [9S destroyed in ESEC & 8S in CUE].
DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Egypt, Israel.
EGYPTIAN LOCALITIES: Eastern Desert: Ghobbet El- Bous; Sinai: Ein Gedeirat, Wadi Gedeirat, Wadi Moweileh; Gebel Elba.
DATES OF COLLECTION: April to June.

Anisopogon pulchrum Eflatoun, 1937
Anisopogon pulchrum Eflatoun, 1937: 381. Type locality: Egypt (Eastern Desert: Wadi Rishrash) [23S (all destroyed) in ESEC & 12S in CUE].
DISTRIBUTION: PA: Egypt.
EGYPTIAN LOCALITIES: Eastern Desert: Wadi Rishrash.
DATES OF COLLECTION: July.

Genus **HABROPOGON** Loew

Habropogon Loew, 1847: 463 (as subgenus of *Dasyopogon*). Type species: *Dasyopogon exquisitus* Meigen, 1820, by designation of Coquillett (1910: 548).

Dactiliscus Rondani 1856: 158. Type locality: *Asilus striatus* Fabricius, 1794, by original designation.

Habropogon aegyptius Efflatoun, 1937

Habropogon aegyptius Efflatoun, 1937: 297. Type locality: Egypt [4S in ESEC & 7S in CUE].

DISTRIBUTION: PA: Egypt, Israel, Jordan.

EGYPTIAN LOCALITIES: Coastal Strip: Burg; Lower Nile Valley: Abu-Rawash, Bahr El-Ghazal, Kafr Hakim, Kirdassa, Wardan; Eastern Desert: Wadi Garawi, Wadi Ogret El-Naga, Wadi Murrah.

DATES OF COLLECTION: April to July.

Habropogon appendiculatus Schiner, 1867

Habropogon appendiculatus Schiner, 1867: 36. Type locality: Croatia (Spalato "= Split").

DISTRIBUTION: PA: Bosnia-Herzegovina, Croatia, Egypt, France, Greece, Israel, Italy, Kazakhstan, Macedonia, Morocco, Russia, Serbia, Slovenia, Spain.

EGYPTIAN LOCALITIES: Coastal Strip: Abu-Mina, Amriah, Burg, Ikingi Mariout.

DATES OF COLLECTION: March and April.

Habropogon elegantulus Efflatoun, 1937

Habropogon elegantulus Efflatoun, 1937: 304. Type locality: Egypt (Wadi El-Shut, Wadi Garawi, Wadi Gendali, Wadi Um-Elek) [13S in ESEC & 2S in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Garawi, Wadi Gendali, Wadi Um-Elek; Sinai: Wadi El-Shut.

DATES OF COLLECTION: April to June.

Habropogon exquisitus Wiedemann, 1820

Dasyopogon exquisitus Wiedemann, 1820b: 267 [or Meigen, 1820]. Type locality: Unknown.

Dasyopogon rutilus Meigen, 1838: 70. Type locality: Spain.

DISTRIBUTION: PA: Bosnia-Herzegovina, Corse, Croatia, Egypt, France, Italy, Macedonia, Portugal, Romania, Serbia, Slovenia, Spain, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout.

DATES OF COLLECTION: March.

Habropogon longiventris Loew, 1847

Habropogon longiventris Loew, 1847: 467. Type locality: Greece or Turkey [as "Kleinasien und die Inseln des griechischen Archipelagus"].

DISTRIBUTION: PA: ?Egypt, Iran, Israel, Turkey.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Habropogon spissipes Hermann, 1909

Habropogon spissipes Hermann, 1909: 75. Type locality: Egypt (Sinai).

Habropogon espissipes: Misspelling for *spissipes* (Engel, 1925: 351).

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Egypt, Morocco, Turkey.

EGYPTIAN LOCALITIES: Coastal Strip: From Burg to Salloum; Lower Nile Valley: Abu-Rawash, Kafr Hakim, Kirdassa, Mansouriah, Mazghouna; Western Desert: Dahshour, Sakkara; Upper Nile Valley: Wadi Assiouti; Eastern Desert: Wadies south east of Cairo; Sinai: El-Arish, Wadi Hocheb; Gebel Elba.

DATES OF COLLECTION: March to July.

Habropogon striatus (Fabricius, 1794)

Asilus striatus Fabricius, 1794: 387. Type locality: North Africa (Barbaria).

Habropogon heteroneurus Timon-David, 1951: 135. Type locality: Morocco (Rabat).

DISTRIBUTION: PA: Algeria, Egypt, Israel, Malta, Morocco, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Abu-Mina, Abu-Sir, Amriah, Burg, Dekheila, Mallaha, Mariout, Matrouh; Lower Nile Valley: Ezbet El-Nakhl, Marg; Sinai: Wadi Gedeirat.

DATES OF COLLECTION: March to June.

Habropogon theodori Hradský & Geller-Grimm, 2005

Habropogon appendiculatus: *sensu* Efflatoun, 1937: 300 & Theodor, 1980: 107.

Habropogon theodori Hradsky & Geller-Grimm, 2005: 10. Type locality: Palestine (Jericho "= Ariha").

DISTRIBUTION: PA: Egypt, Israel, Syria, Tunisia.
EGYPTIAN LOCALITIES: Sinai.
DATES OF COLLECTION: March to August.

Genus **JOTHOPOGON** Becker

Jothopogon Becker, 1913: 518. Type species: *Cyrtopogon leucomallus* Loew, 1871 "= *Jothopogon leucomallus* (Loew, 1871)", by original designation.

Jothopogon leucomallus (Loew, 1871)

Cyrtopogon leucomallus Loew, 1871: 102. Type locality: Tajikistan [as "Sarawschan-Thai"].

DISTRIBUTION: PA: Egypt, Iran, Israel, Jordan, Russia, Tajikistan.
EGYPTIAN LOCALITIES: Sinai: North Sinai (Bir El-Hassana).
DATES OF COLLECTION: May.

Genus **OLIGOPOGON** Loew

Oligopogon Loew, 1847: 497 (as subgenus of *Dasyopogon*). Type species: *Dasyopogon hybotinus* Loew, 1847, by monotypy. [Dikow (2009) listed this genus as "*incertae sedis*", and stated that it could not be placed in any of the higher-level taxa and no family-group name is available for it].

Oligopogon nitidus Eflatoun, 1937

Oligopogon nitidus Eflatoun, 1937: 290. Type locality: Egypt (Gebel Elba: Wadi Edeib & Wadi Kanssissrob) [10S in ESEC & 8S in CUE].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Syria.
EGYPTIAN LOCALITIES: Gebel Elba: Wadi Edeib & Wadi Kanssissrob.
DATES OF COLLECTION: January.

Genus **PYCNOPOGON** Loew

Pycnopogon Loew, 1847: 526. Type species: *Dasyopogon apiformis* Loew, 1847, by monotypy.

Pycnopogon melanostomus Loew, 1874

Pycnopogon melanostomus Loew, 1874: 415. Type locality: Iran (Shahrud).

DISTRIBUTION: PA: Egypt, Iran, Kazakhstan, Russia.

EGYPTIAN LOCALITIES: Eastern Desert: Suez Road, Wadies south east of Cairo.

DATES OF COLLECTION: March and May.

Pycnopogon mixtus (Loew, 1847)

Dasyopogon mixtus Loew, 1847: 531. Type locality: Greece (Makri).

DISTRIBUTION: PA: ?Egypt, Greece, Iran, Israel, Jordan, Russia, Transcaucasia, Turkey.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Genus **SCYLATICUS** Loew

Scylaticus Loew, 1858: 349, Type species: *Scylaticus zonatus* Loew, 1858, by designation of Engel (1930: 369).

Scylaticus miniatus Becker, 1915

Scylaticus miniatus Becker, 1915: 310. Type locality: Tunisia (Ain Draham).

DISTRIBUTION: PA: Bosnia-Herzegovina, Croatia, Egypt, Greece, Macedonia, Serbia, Slovenia, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Abu-Sir, Burg.

DATES OF COLLECTION: May.

Genus **SISYRNODYTES** Loew

Sisyrnodytes Loew, 1856: 40. Type species: *Sisyrnodytes floccus* Loew, 1856 [*Acnephalum nilicola* Rondani, 1850], by monotypy.

Sisyrnodytes nilicola (Rondani, 1850)

Acnephalum nilicola Rondani, 1850: 186. Type species: Egypt.

Sisyrnodytes floccus Loew, 1856: 40. Type locality: Egypt.

Dasyopogon contrarius Walker, 1871a: 257. Type locality: Egypt (South Sinai: Mount Sinai).

Sisyronodytes rufus Séguy, 1931: 655. Type locality: Algeria [as "Fort de l'Eau"].

Sisyronodytes brevis [of authors, not Macquart].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Yemen. PA: Algeria, Egypt, Israel, Libya, Middle Asia, Morocco, Russia, Tunisia.

EGYPTIAN LOCALITIES: Common in all Egyptian ecological zones.

DATES OF COLLECTION: February to September.

Genus **STENOPOGON** Loew

Stenopogon Loew, 1847: 453 (as subgenus of *Dasyopogon*). Type species: *Asilus sabaudus* Fabricius, 1794, by designation of Rondani (1856: 158).

Stenopogon elongatissimus Efflatoun, 1937

Stenopogon elongatissimus Efflatoun, 1937: 258. Type locality: Egypt (Amriah, Mallaha, Mariout, Matrouh, Salloum, Wadi Gedeirat, Wadi Hataim) [7S (1 destroyed & 2 damaged) in ESEC].

DISTRIBUTION: PA: Israel, Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Amriah, Burg, Dekheila, Ikingi Mariout, Mallaha, Matrouh, Salloum; Eastern Desert: Wadi Hataim; Western Desert: Dakhla Oasis; Sinai: Wadi Gedeirat.

DATES OF COLLECTION: April to August.

Stenopogon elongatus (Meigen, 1804)

Asilus elongatus Meigen, 1804: 248. Type locality: France.

Asilus loewi Schiner, 1866a. *Nomen nudum*.

DISTRIBUTION: PA: Egypt, France, Greece, Hungary, Iran, Israel, Romania, Russia, Tunisia, Turkey.

EGYPTIAN LOCALITIES: Coastal Strip: Abu-Sir, Amriah, Burg, Ikingi Mariout, Matrouh, Salloum.

DATES OF COLLECTION: April and June.

Stenopogon heteroneurus (Macquart, 1838)

Dasyopogon heteroneurus Macquart, 1838: 41. Type locality: Algeria.

DISTRIBUTION: PA: Algeria, Egypt, Iran, Israel, Middle Asia, Morocco, Russia, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Amriah, Burg, Dekheila, Ikingi Mariout, Mallaha, Salloum; Eastern Desert: Ogret El-Sheikh, Wadi Hoff; Sinai: Wadi Gedeirat.

DATES OF COLLECTION: May to July.

Stenopogon sciron (Loew, 1873)

Scleropogon sciron Loew, 1873: 130. Type locality: Iran (Schahkuh).

Scleropogon theseus Loew, 1873: 132. Type locality: USSR (Astrachan).

DISTRIBUTION: PA: Afghanistan, China, Egypt, Iran, Russia, Transcaucasia, Turkey.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Subfamily **STICHOPOGONINAE** Hardy

Genus **CLINOPOGON** Bezzi

Clinopogon Bezzi, 1910: 153. Type species: *Clinopogon sauteri* Bezzi, 1910, by original designation.

Clinopogon nicobarensis (Schiner, 1868)

Stichopogon nicobarensis Schiner, 1868: 161. Type locality: Nicobar Islands (Kondul).

Clinopogon sauteri Bezzi, 1910: 153, sensu Geller-Grimm, 2002. Type locality: Taiwan (Takao).

Stichopogon grossus Bromley, 1947: 112. Type locality: South Africa.

DISTRIBUTION: PA: Egypt, Japan. AF: Madagascar, Mascarene Islands. AU: Solomon Islands, Australia (Queensland). OR: Cambodia, India, Indonesia, Malaysia, Nicobar Islands, Philippines, Sulawesi (Indonesia), Taiwan.

EGYPTIAN LOCALITIES: Eastern Desert: Ghardaka [= Hurghada].

DATES OF COLLECTION: July to September.

Genus **EREMODROMUS** Zimin

Eremodromus Zimin, 1928: 21. Type species: *Eremodromus noctivagus* Zimin, 1928, by original designation.

Turkmenomyia Paramonov 1930b: 335. *Turkmenomyia gracilis*
Paramonov, 1930: 335, by original designation.
Parastichopogon Theodor 1980: 335. *Stichopogon flaviventris* Efflatoun,
1937: 335, by original designation.

Eremodromus flaviventris (Efflatoun, 1937)
Stichopogon flaviventris Efflatoun, 1937: 335. Type locality: Egypt (El-
Arish, Gebel Elba) [5S in ESEC & 2S in CUE].
DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Egypt, Israel, Syria.
EGYPTIAN LOCALITIES: Sinai: El-Arish; Gebel Elba.
DATES OF COLLECTION: January to May.

Genus **RHADINUS** Loew

Rhadinus Loew, 1856: 38. Type species: *Rhadinus unguinus* Loew,
1856, by designation of Engel (1929: 269).

Rhadinus khargaiensis Efflatoun, 1937
Rhadinus khargaiensis Efflatoun, 1937: 237. Type locality: Egypt
(Kharga Oasis) [2S in ESEC].
DISTRIBUTION: PA: Egypt.
EGYPTIAN LOCALITIES: Western Desert: Kharga Oasis.
DATES OF COLLECTION: September.

Rhadinus megalonix Loew, 1856
Rhadinus megalonix Loew, 1856: 39. Type locality: Egypt.
DISTRIBUTION: AF: Egypt (Gebel Elba), Sudan, Yemen. PA: Egypt, Iran,
Iraq, Israel, Libya, Russia, Syria, Tunisia, Transcaucasia.
EGYPTIAN LOCALITIES: Coastal Strip: Alexandria, Abu-Kir, Burg,
Mallaha, Port Said; Lower Nile Valley: Helwan, Kafr Hakim,
Kirdassa, Mansouriah, Mazghouna, Pyramids; Eastern Desert: Abu-
Sultan, Fayed, Geneifa, Hurghada, Serapium, Wadi Garariyat, Wadi
Gharageed, Wadi Rishrash, Wasfia; Western Desert: Baharia Oasis,
Kharga Oasis, Siwa Oasis; Fayoum: ?; Upper Nile Valley: Along the
Nile Valley; Sinai: Wadi Moweileh; Gebel Elba:?.
DATES OF COLLECTION: February to October.

Rhadinus tewfiki Efflatoun, 1937
Rhadinus tewfiki Efflatoun, 1937: 243. Type locality: Egypt (Red Sea

Coast) [22S (5 destroyed) in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Fayed, Geneifa, Ghobbet El-Bous, Hurghada, Wadi Garawi, Wadi El-Siala; Fayoum; Sinai: El-Shut, El-Tor, Wadi Moweileh; Gebel Elba.

DATES OF COLLECTION: March to September.

Rhadinus unguinus Loew, 1856

Rhadinus unguinus Loew, 1856: 38. Type locality: Egypt.

DISTRIBUTION: AF: Yemen. PA: Egypt, Israel, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Amriah, Burg, Dekheila, Hammam, Ikingi Mariout, Mallaha, Matrouh, Mex, Nuzha, Salloum; Eastern Desert: Abu-Soueir.

DATES OF COLLECTION: May to July.

Genus **STICHOPOGON** Loew

Stichopogon Loew, 1847: 499 (as subgenus of *Dasyopogon*). Type species: *Dasyopogon elegantulus* Wiedemann, 1820, by designation of Back (1909: 332).

Discodamalis Karsch, 1888: 374. Type species: *Discodamalis debilis* Karsch, 1888, by original designation and monotypy.

Echinopogon Bezzi, 1910: 131. Type species: *Dasyopogon albofasciatus* Meigen, 1820, by original designation.

Neopogon Bezzi, 1910: 147. Type species: *Dasyopogon trifasciatus* Say, 1823, by original designation.

Cryptopogon White, 1918: 76. Type species: *Cryptopogon vernaculus* White, 1918, by original designation.

Stilopogon Costa, 1884: 62. Misspelling of *Stichopogon*.

Subgenus **STICHOPOGON** Loew (Nominate subgenus)

Stichopogon (Stichopogon) albellus Loew, 1856

Stichopogon albellus Loew, 1856: 38. Type locality: Egypt.

DISTRIBUTION: PA: Egypt, Iran, Israel.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash, Ein Shams, Ezbet El-Nakhl, Helwan, Kafr Hakim, Kirdassa, Mansouriah, Marg, Mazghouna; Eastern Desert: Geneifa, Hurghada, Wadi Dar El-

Maskhara, Wadi Gendali; Western Desert: Dahshour, Kharga Oasis, Sakkara; Sinai: Wadi Gedeirat.

DATES OF COLLECTION: January to September.

***Stichopogon (Stichopogon) beckeri* Bezzi, 1910**

Stichopogon beckeri Bezzi, 1910: 44. Type locality: Egypt (Alexandria).

DISTRIBUTION: PA: Cape Verde, Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Alexandria, Burg.

DATES OF COLLECTION: May.

***Stichopogon (Stichopogon) chrysostoma* Schiner, 1867**

Stichopogon chrysostoma Schiner, 1867: 364. Type locality: Egypt.

Stichopogon lucidiventris Becker, 1902: 3. Type locality: Egypt (Alexandria).

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Cyrus, Egypt, Iran, Israel, Kazakhstan, Libya, Middle Asia, Mongolia, Russia, Turkey.

EGYPTIAN LOCALITIES: Common in all Egyptian ecological zones.

DATES OF COLLECTION: March to September.

***Stichopogon (Stichopogon) elegantulus* (Wiedemann, 1820)**

Dasypogon elegantulus Wiedemann, 1820: 270. Type locality: Portugal.

Stichopogon aequecinctus Costa, 1844: 62. Type locality: Italy (Sardinia).

Stichopogon tener Loew, 1847: 503. Type locality: Turkey (Patra and Xanthus).

Stichopogon frauenfeldi Egger, 1855: 5. Type locality: Austria.

Stichopogon riparius Loew, 1871: 93. Type locality: Spain (Carthago nova).

Stichopogon caspicus Richter, 1963: 466. Type locality: Azerbaijan (Talysch).

DISTRIBUTION: PA: Algeria, Austria, Bosnia-Herzegovina, Bulgaria, Corse, Croatia, France, Egypt, Germany, Hungary, Israel, Italy, Macedonia, Malta, Middle Asia, Morocco, Portugal, Russia, Serbia, Slovenia, Spain, Switzerland, The Netherlands, Transcaucasia, Tunisia, Turkey.

EGYPTIAN LOCALITIES: Coastal Strip: Abu-Kir, Alexandria, Max, Mariout, Matrouh, Ramleh, Salloum; Lower Nile Valley: Abu-Rawash, Ezbet El-Nakhl, Helwan, Mansouriah; Eastern Desert: Ismailia, Wadi Dar El-Maskhara, Wadi Garawi, Wadi Um-Elek, Wadi Zohleiga; Western Desert: Dahshour, Sakkara; Upper Nile Valley: Aswan; Sinai: El-Arish, Rafah, Wadi Gedeirat.

DATES OF COLLECTION: March to August.

Stichopogon (Stichopogon) inconstans (Wiedemann, 1828)

Thereva inconstans Wiedemann, 1828: 558. Type locality: Egypt or Sudan [as "Nubien"].

DISTRIBUTION: AF: ? Egypt [as "Gebel Elba"], Ethiopia, Sudan, Yemen.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Stichopogon (Stichopogon) marinus Efflatoun, 1937

Stichopogon marinus Efflatoun, 1937: 39. Type locality: Egypt (Red Sea shore at Hurghada) [28S (14destroyed) in ESEC & 56S in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Hurghada "= Ghardaka".

DATES OF COLLECTION: July.

Stichopogon (Stichopogon) maroccanus (Becker, 1913)

Clinopogon sauteri Bezzi, 1910: 153, 1910: sensu Efflatoun, 1937.

Clinopogon maroccanus Becker, 1913: 66. Type locality: Morocco (Tanger).

DISTRIBUTION: PA: Egypt, Morocco.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Stichopogon (Stichopogon) pusio (Macquart in Lucas, 1849)

Dasyopogon pusio Macquart in Lucas, 1849: 438. Type locality: Algeria.

Stichopogon griseomaculatus Villeneuve, 1910: 303. Type locality: Tunisia.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Algeria, Morocco, Tunisia.

EGYPTIAN LOCALITIES: Gebel Elba: Wadi Edeib.

DATES OF COLLECTION: January.

Stichopogon (Stichopogon) scaliger Loew, 1847

Stichopogon scaliger Loew, 1847: 501. Type locality: Italy [as "Sudlichen Russland"].

Stichopogon congener Loew, 1856: 37. Type locality: ?Egypt.

DISTRIBUTION: PA: Bulgaria, Czech Republic, Egypt, France, Greece, Iran, Italy, Kazakhstan, Romania, Russia, Slovakia, Turkey.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Subfamily **TRIGONOMIMINAE** Enderlein

Genus **DAMALIS** Fabricius

Damalis Fabricius, 1805: 147. Type species: *Damalis planiceps* Fabricius, 1805, designated by I.C.Z.N. (1985: 264).

Xenomyza Wiedemann, 1817: 60. Type species: *Damalis planiceps* Fabricius, 1805, by designation of Coquillett (1910: 620).

Chalcidimorpha Westwood, 1835: 684. Type species: *Chalcidimorpha fulvipes* Westwood, 1835, by monotypy.

Chalcidomorpha Agassiz, 1846b: 76. Unjustified emendation of *Chalcidimorpha* Westwood.

Icariomima Enderlein, 1914a: 163. Type species: *Icariomima coeruleiventris* Enderlein, 1914a, by original designation.

Lasiodamalis Hermann, 1926: 186. Type species: *Damalis capensis* Wiedemann, 1828 [= *Dioctria heterocera* Wiedemann, 1821], by original designation.

Lophurodamalis Hermann, 1926: 188. Type species: *Damalis hirtiventris* Macquart, 1846, by original designation.

Aireina Frey, 1934: 312. Type species: *Aireina paradoxa* Frey, 1934, by original designation.

Protodamalis Hull, 1962: 55. Type species: *Protodamalis elongates* Hull, 1962, by original designation.

Zygocolon Hull, 1962: 56. Type species: *Zygocolon compactus* Hull, 1962, by original designation.

Damalis cinctipes (Walker, 1871)

Dasyogon cinctipes Walker, 1871: 260. Type locality: Egypt. *Nomen dubium*.

DISTRIBUTION: AF: Egypt.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Family **BOMBYLIIDAE**

Subfamily **USIINAE** Becker

Tribe **APOLYSINI** Evenhuis

Genus **APOLYSIS** Loew

Apolysis Loew, 1860a: 86. Type species: *Apolysis humilis* Loew, 1860, by monotypy.

Rhabdopselaphus Bigot, 1886. Type species: *Rhabdopselaphus mus* Bigot, 1886, by monotypy.

Pseudogeron Cresson, 1915: 201. Type species: *Pseudogeron mitis* Cresson, 1915, by original designation.

Dagestania Paramonov, 1929a: 133(195). Type species: *Dagestania pusilla* Paramonov, 1929, by original designation.

Apolysis eremophila Loew, 1873

Apolysis eremophila Loew, 1873: 199. Type-locality: Uzbekistan.

DISTRIBUTION: PA: Afghanistan, Canary Island, Croatia, Egypt, Hungary, Iran, Israel, Italy, Spain, Tunisia, Turkmenistan, Uzbekistan.

EGYPTIAN LOCALITIES: Eastern Desert: Ismailia.

DATES OF COLLECTION: April.

Apolysis ornata (Engel, 1932)

Usia ornata Engel, 1932: 76. Type-locality: Egypt (Burg El-Arab) [15S (destroyed) in ESEC; 5 in CUE].

Usia tomentosa Engel, 1932: 78. Type-locality: Egypt [H (destroyed) in ESEC].

DISTRIBUTION: PA: Egypt, Morocco.

EGYPTIAN LOCALITIES: Coastal Strip: Burg El-Arab.

DATES OF COLLECTION: March.

Tribe **USIINI** Evenhuis

Genus **PARAGERON** Paramonov

Parageron Paramonov, 1929a: 189(127). Type species: *Parageron*

orientalis Paramonov, 1929 [= *Usia lutescens* Bezzi, 1925], by monotypy.

Parageron gratus (Loew in Rosenhauer, 1856)

Usia grata Loew in Rosenhauer, 1856: 380. Type locality: Spain.

DISTRIBUTION: PA: Egypt, Italy, Morocco, Spain.

EGYPTIAN LOCALITIES: Coastal Strip: El- Borg, Mariout.

DATES OF COLLECTION: February to June.

Parageron lutescens (Bezzi, 1925)

Usia lutescens Bezzi, 1925: 180. Type locality: Egypt [1S in ESEC].

Parageron orientalis Paramonov, 1929a: 189(127). Type locality: Turkmenistan.

Usia lutescens var. *minor* Efflatoun, 1945: 223. Type locality: Egypt (Mallaha) [1S (damaged) in ESEC].

DISTRIBUTION: PA: Egypt, Turkmenistan, Uzbekistan.

EGYPTIAN LOCALITIES: Coastal Strip: Mallaha; Lower Nile Valley: Abu-Rawash, El-Katta, Kafr Hakim, Kirdassa; Eastern Desert: Wadies south east of Cairo; Western Desert: Kharga, Wadi El-Nosousy.

DATES OF COLLECTION: May to August.

Genus **USIA** Latreille

Volucella Fabricius, 1794: 412. Type species: *Volucella florea* Fabricius, 1794, automatic, by designation of type species for *Usia* Latreille.

Usia Latreille, 1802: 430. Unjustified new replacement name for *Volucella* Fabricius, 1794. Type species: *Volucella florum* Fabricius, 1794, by subsequent designation (Latreille, 1810: 443).

Zerinthia Rafinesque, 1815: 130. Unnecessary replacement name for *Usia* Latreille, 1802. Type species: *Volucella florea* Fabricius, 1794, automatic.

Volvicella. Incorrect original spelling of *Volucella* (Fabricius, 1794: last unnumbered page of index).

Subgenus **MICRUSIA** Evenhuis

Micrusia Evenhuis, 1990: 38. Type species: *Usia forcipata* Brullé, 1833, by original designation.

Usia (Micrusia) aurata (Fabricius, 1794)

Voluccella aurata Fabricius, 1794: 413. Type locality: Algeria or Tunisia [as "Barbariae"].

Usia taeniolata Costa, 1883: 103. Type locality: Italy (Sardinia).

DISTRIBUTION: PA: Algeria, Armenia, Azerbaijan, Egypt, France, Gibraltar, Gruzia, Iran, Israel, Italy (Sardinia, Sicily), Kuwait, Kyrgyz Republic, Libya, Morocco, Spain, Tajikistan, Tunisia, Turkmenistan, Uzbekistan.

EGYPTIAN LOCALITIES: Coastal Strip: Amriah, Burg, Hammam, Mariout.

DATES OF COLLECTION: January and March.

Subgenus **USIA** Latreille
(Nominate subgenus)

Usia (Usia) bicolor Macquart, 1855

Usia bicolor Macquart, 1855: 103(83). Type locality: Egypt.

DISTRIBUTION: PA: Bosnia-Herzegovina, Croatia, Egypt, Greece, Israel, Italy, Kyrgyz Republic, Lebanon, Slovenia, Syria, Turkey, Tajikistan, Turkmenistan, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Eastern Desert: Kewal El-Nedayet

DATES OF COLLECTION: February.

Usia (Usia) deserticola Efflatoun, 1945

Usia deserticola Efflatoun, 1945: 208. Type locality: Egypt (Sinai: Wadi El-Lega) [H in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Agramieh, Wadi Wirak; Sinai: Wadi El-Lega.

DATES OF COLLECTION: March and April.

Usia (Usia) efflatouni Venturi, 1948

Usia bicolor Efflatoun, 1945: 206. Type locality: Egypt (Eastern Desert: Kewal El-Nedayet) [2S (1 damaged & 1 destroyed) in ESEC].
Preoccupied by Macquart, 1855.

Usia efflatouni Venturi, 1948: 129. New replacement name for *Usia bicolor* Efflatoun, 1945.

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Kewal El-Nedayet.

DATES OF COLLECTION: February.

Usia (Usia) elbae Efflatoun, 1945

Usia elbae Efflatoun, 1945: 210. Type locality: Egypt (Gebel Elba) [6S in CUE; 24S (8 destroyed & 11 damaged) in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Egypt.

EGYPTIAN LOCALITIES: Gebel Elba: Wadi Edeib, Wadi Kanssissrob; Sinai: Wadi Firan.

DATES OF COLLECTION: January to July.

Usia (Usia) flavipes Efflatoun, 1945

Usia flavipes Efflatoun, 1945: 212. Type locality: Egypt (Sinai: Wadi El-Lega) [H (destroyed) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Wadi El-Lega.

DATES OF COLLECTION: June.

Usia (Usia) grisea Efflatoun, 1945

Usia grisea Efflatoun, 1945: 214. Type locality: Egypt (Gebel Elba: Wadi Ehameib) [H in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan.

EGYPTIAN LOCALITIES: Gebel Elba: Wadi Ehameib.

DATES OF COLLECTION: February.

Usia (Usia) ignorata Becker, 1906

Usia ignorata Becker, 1906a: 15. Type locality: Tunisia & Syria.

DISTRIBUTION: AF: Sudan. PA: Algeria, Egypt, Israel, Morocco, Spain, Syria, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout district from Abdulkader to Hammam; Lower Nile Valley: Abu-Rawash, Kafr Hakim, Mazghouna; Western Desert: Sakkara.

DATES OF COLLECTION: February and March.

Usia (Usia) inornata Engel, 1932

Usia inornata Engel, 1932: 74. Type locality: Egypt (Gebel Elba) [4S in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan.

EGYPTIAN LOCALITIES: Gebel Elba: Wadi Edeib.

DATES OF COLLECTION: January to March.

Usia (Usia) minuscula Efflatoun, 1945

Usia minuscula Efflatoun, 1945: 224. Type locality: Egypt (Gebel Elba)

[15S in CUE; 12S (4 destroyed & 1 damaged) in ESEC].
DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan.
EGYPTIAN LOCALITIES: Gebel Elba: Wadi Edeib, Wadi Kanssissrob.
DATES OF COLLECTION: March & April.

Usia (Usia) parvula Efflatoun, 1945
Usia parvula Efflatoun, 1945: 229. Type locality: Egypt (Gebel Elba: Wadi Ehameib) [2S in ESEC].
DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan.
EGYPTIAN LOCALITIES: Gebel Elba: Wadi Ehameib.
DATES OF COLLECTION: February

Usia (Usia) tewfiki Efflatoun, 1945
Usia tewfiki Efflatoun, 1945: 230. Type locality: Egypt (Bir Abrug & Wadi Ibib) [2S (1 damaged) in ESEC; 1S in CUE].
DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Egypt.
EGYPTIAN LOCALITIES: Eastern Desert: Bir Abrug; Gebel Elba: Wadi Ibib.
DATES OF COLLECTION: February & March.

Subfamily **PHTHIRIINAE** Becker

Tribe **PHTHIRIINI** Becker

Genus **PHTHIRIA** Meigen

Phthiria Meigen, 1803: 268. Type species: *Bombylius pulicarius* Mikan, 1796, by monotypy.
Ptimia Rafinesque, 1815: 221. Unnecessary replacement name for *Phthiria* Meigen, 1803. Type species: *Bombylius pulicarius* Mikan, 1796, automatic.

Phthiria gaedii Wiedemann *in* Meigen, 1820
Phthiria gaedii Wiedemann *in* Meigen, 1820: 221. Type locality: Austria.
Phthiria maculata Wiedemann *in* Meigen, 1820: 221. Type locality: Austria.
Phthiria punctata Meigen, 1835: 68 [1838: 67]. Type locality: Austria.

Phthiria zimmermanni Nowicki, 1868: 347. Type locality: Ukraine [as "Ostgalizien"].

Phthiria gaedei Engel, 1933: 144. Unjustified emendation of *Phthiria gaedii* Wiedemann, 1820.

DISTRIBUTION: PA: Afghanistan, Albania, Algeria, Austria, Belarus, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Egypt, Estonia, France, Greece, Hungary, Iran, Israel, Italy, Latvia, Lithuania, Macedonia, Moldova, Morocco, Poland, Romania, Russia, Slovenia, Spain, Ukraine.

EGYPTIAN LOCALITIES: Coastal Strip: from Mariout to Salloum.

DATES OF COLLECTION: April.

Phthiria minuta (Fabricius, 1805)

Volucella minuta Fabricius, 1805: 115. Type locality: France [as "Galliae"].

Phthiria maura Wiedemann in Meigen, 1820: 222. Type locality: Austria.

DISTRIBUTION: PA: Austria, Belgium, Czech Republic, Egypt, France, Germany, Greece, Hungary, Italy, Kazakhstan, Kyrgyz Republic, Mongolia, Morocco, Poland, Tajikistan, Turkmenistan, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Phthiria salmayensis Efflatoun, 1945

Phthiria salmayensis Efflatoun, 1945: 112. Type locality: Egypt (South Sinai: Wadi El-Lega) [51S in CUE; 6S (destroyed) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: St. Catherine Monastery, Wadi El-Lega.

DATES OF COLLECTION: June to August.

Phthiria tricolor Bezzi, 1924

Phthiria tricolor Bezzi, 1924b: 19. Type locality: Egypt (Wadi Hoff) [H (destroyed) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Hoff, Wadi Rashid.

DATES OF COLLECTION: May & June.

Phthiria unicolor Bezzi, 1925

Phthiria unicolor Bezzi, 1925: 191. Type locality: Egypt (Wadi Rashid) [2S (destroyed) in ESEC].

DISTRIBUTION: PA: Egypt, ?Oman.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Hoff, Wadi Rashid, Wadi Rishrash.

DATES OF COLLECTION: April & May.

Phthiria xanthaspis Bezzi, 1925

Phthiria xanthaspis Bezzi, 1925: 192. Type locality: Egypt (Mariout) [37S in CUE; 3S (destroyed) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Burg El-Arab, Mariout; Lower Nile Valley: Abu-Rawash, Kafr Hakim, Kirdassa.

DATES OF COLLECTION: April to June.

Subfamily **TOXOPHORINAE** Schiner

Tribe **GERONTINI** Hesse

Genus **GERON** Meigen

Geron Meigen, 1820: 223. Type species: *Geron gibbosus* Meigen, 1820 [= *Bombylius gibbosus* Olivier, 1789], by subsequent designation (Duponchel *in d'Orbigny*, 1845: 206).

Amictogeron Hesse, 1938: 918. Type species: *Amictogeron meromelanus* Hesse, 1938, by original designation.

Subgenus **GERON** Meigen
(Nominate subgenus)

Geron (Geron) efflatouni Greathead *in* Evenhuis & Greathead, 1999
Geron efflatouni Greathead *in* Evenhuis & Greathead, 1999: 683. Type locality: Saudi Arabia.

DISTRIBUTION: PA: Egypt, Israel, Saudi Arabia, Tunisia.

EGYPTIAN LOCALITIES: Sinai: North Sinai.

DATES OF COLLECTION: May.

Geron (Geron) erythropus Bezzi, 1925

Geron gibbosus var. *erythropus* Bezzi, 1925: 197. Type locality: Egypt [S (destroyed) in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Alexandria, Amriah, Burg, Dekheila, Matrouh, Nuzha, Ramleh; Lower Nile Valley: Barrage, Cairo, Delta, Kafr Hakim, Shoubra; Eastern Desert: Suez Road, Wadi Gharaba, Wadi Hoff, Wadi Ogret El-Naga; Fayoum; Sinai: Ein Gedeirat, Gebel Moussa, Wadi Firan; Gebel Elba.

DATES OF COLLECTION: January to October.

Geron (Geron) garagniae Efflatoun, 1945

Geron garagniae Efflatoun, 1945: 137. Type locality: Egypt (South Sinai and Eastern Desert) [18S in CUE; 4S (destroyed) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Burg; Eastern Desert: Wadi Askhar (North Galala), Wadi Garawi; Sinai: Gebel Moussa, Wadi El-Lega, Wadi Garagneya.

DATES OF COLLECTION: March to September.

Geron (Geron) halteralis Wiedemann *in* Meigen, 1820

Geron halteralis Wiedemann *in* Meigen, 1820: 224. Type locality: Portugal.

Geron albidulus François, 1969: 124. Type locality: Spain.

DISTRIBUTION: PA: Egypt, France (incl. Corsica), Greece, Italy (incl. Sardinia), ?Libya, Portugal, Spain.

EGYPTIAN LOCALITIES: Coastal Strip: Alexandria, Mariout, Ramleh; Lower Nile Valley: Cairo; Eastern Desert: Suez; Sinai.

DATES OF COLLECTION: January to October.

Geron (Geron) intonsus Bezzi, 1925

Geron intonsus Bezzi, 1925: 196. Type locality: Egypt (Mariout) [2S (destroyed) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout; Lower Nile Valley: Gezerah; Eastern Desert: Kassassein, Wadies south east of Cairo.

DATES OF COLLECTION: April to June.

Geron (Geron) longiventris Efflatoun, 1945

Geron longiventris Efflatoun, 1945: 149. Type locality: Egypt (Abu-Soueir, Dakhla Oasis, Geneifa, Salloum, Wadi Ambaga, Wadi Rishrash) [4S in CUE; 5S (destroyed) in ESEC].

Geron roborovskii Zaitzev, 1996: 687 [1998a: 1077]. Type locality: Israel.

DISTRIBUTION: PA: China, Egypt, Israel, Tajikistan, Uzbekistan.

EGYPTIAN LOCALITIES: Coastal Strip: Salloum; Eastern Desert: Abu-Soueir, Geneifa, Wadi Ambaga, Wadi Rishrash; Western Desert: Dakhla Oasis.

DATES OF COLLECTION: March to June.

Geron (Geron) macquarti Greathead in Evenhuis & Greathead, 1999
Geron macquarti Greathead in Evenhuis & Greathead, 1999: 680. Type locality: Greece (Lesbos) [3P in CUE].

DISTRIBUTION: PA: Egypt, Greece (incl. Lefkas, Lesbos), Italy, Malta, Morocco, Tunisia, Turkey.

EGYPTIAN LOCALITIES: Sinai: Ein Gehaier, Wadi El-Arbaein.

DATES OF COLLECTION: May.

Tribe **TOXOPHORINI** Schiner

Genus **TOXOPHORA** Meigen

Toxophora Meigen, 1803: 270. Type species: *Toxophora maculata* Meigen, 1804 [preoccupied, = *Asilus fasciculatus* Villers, 1789], by subsequent monotypy (Meigen, 1804: 273).

Eniconevra Macquart, 1840: 110 [1841: 388]. Type species: *Eniconevra fuscipennis* Macquart, 1840, by monotypy.

Heniconevra Agassiz, 1846b: 138, 178. Unjustified emendation of *Eniconevra* Macquart, 1840. Type species: *Eniconevra fuscipennis* Macquart, 1840, automatic.

Heniconevra Bezzi, 1903: 189. Unjustified emendation of *Eniconevra* Macquart, 1840. Type species: *Eniconevra fuscipennis* Macquart, 1840, automatic.

Toxomyia Hull, 1973: 232 (as subgenus of *Toxophora* Meigen). Type species: *Toxophora maxima* Coquillett, 1886, by original designation.

Enicocera, error for *Eniconevra*.

Toxophora aegyptiaca Efflatoun, 1945

Toxophora aegyptiaca Efflatoun, 1945: 187. Type locality: Egypt (Eastern Desert: Wadies south east of Cairo; Gebel Elba: Halayeb; Sinai: Bir Islah) [15S in CUE; 8S (6 destroyed) in ESEC; 5S lost].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Egypt, Oman, Saudi Arabia.

EGYPTIAN LOCALITIES: Lower Nile valley: Helwan; Eastern Desert: Wadies south east of Cairo; Sinai: Bir Islah, Wadi El-Elwa, Wadi El-Lega; Gebel Elba: Halayeb, Wadi Ibtadi.
DATES OF COLLECTION: January to September.

Toxophora bezzii Paramonov, 1933

Toxophora bezzii Paramonov, 1933a: 35, 44. Type locality: Egypt.

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Um-Girfan

DATES OF COLLECTION: April.

Toxophora epargyra Hermann, 1907

Toxophora epargyra Hermann, 1907: 201. Type locality: Turkey.

DISTRIBUTION: AF: Sudan. PA: Armenia, Azerbaijan, Egypt, Gruzia, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan.

EGYPTIAN LOCALITIES: Eastern Desert: Wadies south east of Cairo, Helwan. Sinai: Ein Gedeirat.

DATES OF COLLECTION: February to August.

Toxophora fasciculata (Villers, 1789)

Asilus fasciculatus Villers, 1789: 603. Type locality: France.

Asilus maculatus Rossi, 1790: 328. Type locality: Italy. Preoccupied by Müller, 1764.

Toxophora maculata Meigen, 1804: 273. Type locality: France. Preoccupied by Rossi, 1790.

Toxophora maculata var. *completa* Paramonov, 1933a: 34, 42. Type locality: Turkmenistan.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Algeria, Armenia, Austria, Azerbaijan, Bulgaria, Croatia, Cyprus, Czech Republic, Egypt, France (incl. Corsica), Germany, Greece (incl. Zakynthos), Gruzia, Hungary, Iran, Israel, Italy (incl. Sicily), Kazakhstan, Kyrgyz Republic, Lebanon, Libya, Moldova, Morocco, Romania, Russia, Slovakia, Slovenia, Spain, Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan.

EGYPTIAN LOCALITIES: Common everywhere in Egypt.

DATES OF COLLECTION: February to August.

Toxophora leyladea Eflatoun, 1945

Toxophora leyladea Eflatoun, 1945: 190. Type locality: Egypt (Gebel Elba: Wadi Edeib) [1S (destroyed) in ESEC; 1S lost].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan.

EGYPTIAN LOCALITIES: Gebel Elba: Wadi Edeib.

DATES OF COLLECTION: January to March.

Subfamily **HETEROTROPINAE** Becker

Genus **HETEROTROPUS** Loew

Heterotropus Loew, 1873: 180, 182. Type species: *Heterotropus albidipennis* Loew, 1873, by monotypy.

Malthacotricha Becker, 1907b: 312. Type species: *Malthacotricha glauca* Becker, 1907, by monotypy.

Heterotropus aegyptiacus Paramonov, 1929

Heterotropus aegyptiacus Paramonov, 1929a: 131(70). Type locality: Egypt (Mansouriah) [1S (destroyed) in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Egypt, Saudi Arabia.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash, Kafr Hakim, Mansouriah; Eastern Desert: Wadi Rishrash, Wadi Um-Girfan; Gebel Elba.

DATES OF COLLECTION: February to July.

Heterotropus bisglaucus Bezzi, 1925

Heterotropus bisglaucus Bezzi, 1925: 184. Type locality: Egypt (Ma'adi) [H (destroyed) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Lower Nile Valley: Ma'adi.

DATES OF COLLECTION: March.

Heterotropus elephantinus Séguy, 1929

Heterotropus elephantinus Séguy, 1929: 62. Type locality: Chad.

DISTRIBUTION: AF: Chad. PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Rishrash.

DATES OF COLLECTION: June.

Heterotropus maculiventris Bezzi, 1925

Heterotropus maculiventris Bezzi, 1925: 185. Type locality: Egypt (Wadi Hoff) [H (damaged) in ESEC].

Heterotropus tewfiki Paramonov, 1929a: 147(85). Type locality: Egypt.

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Lower Nile Valley: Kafr Hakim, Kirdassa;
Eastern Desert: Serapium, Wadi Askhar, Wadi Hoff; Sinai: Ein
Gedeirat.

DATES OF COLLECTION: March and April.

Heterotropus magnirostris Bezzi, 1926

Heterotropus magnirostris Bezzi, 1926: 251. Type locality: Egypt
(Mazghouna) [H (damaged) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Lower Nile Valley: Mazghouna.

DATES OF COLLECTION: March.

Heterotropus nigritarsis Engel, 1933

Heterotropus sabulosus var. *nigritarsis* Engel, 1933: 172. Type locality:
Egypt (Wadi Garrariyat) [H (damaged) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Garrariyat.

DATES OF COLLECTION: June.

Heterotropus sabulosus Paramonov, 1929

Heterotropus sabulosus Paramonov, 1929a: 144, 211(82, 147). Type
locality: Uzbekistan.

DISTRIBUTION: PA: Egypt, Turkmenistan, Uzbekistan.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Garrariyat.

DATES OF COLLECTION: June.

Heterotropus stigmaticus Bezzi, 1926

Heterotropus stigmaticus Bezzi, 1926: 248. Type locality: Egypt (Suez
Road) [1S in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Egypt.

EGYPTIAN LOCALITIES: Lower Nile Valley: Mazghouna; Eastern
Desert: Suez Road; Gebel Elba: Wadi Edeib.

DATES OF COLLECTION: February and March.

Heterotropus xanthothorax Efflatoun, 1945

Heterotropus xanthothorax Efflatoun, 1945: 94. Type locality: Egypt
(Wadi Edeib) [H (destroyed) in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan.

EGYPTIAN LOCALITIES: Gebel Elba: Wadi Edeib.

DATES OF COLLECTION: February.

Subfamily **BOMBYLIINAE** Latreille

Tribe **BOMBYLIINI** Latreille

Genus **ANASTOECHUS** Osten Sacken

Anastoechus Osten Sacken, 1877: 251. Type species: *Anastoechus barbatus* Osten Sacken, 1877, by monotypy.

Anastoechus aegyptiacus Paramonov, 1930

Anastoechus aegyptiacus Paramonov, 1930a: 437(87). Type locality: Egypt.

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Lower Nile Valley: Cairo.

DATES OF COLLECTION: March.

Anastoechus aurifrons Efflatoun, 1945

Anastoechus aurifrons Efflatoun, 1945: 279. Type locality: Egypt (Eastern Desert: Bir Abrag; Sinai: Ein Gedeirat, Wadi El-Lega, Wadi Moweileh) [15S in CUE].

DISTRIBUTION: PA: Egypt, Iran.

EGYPTIAN LOCALITIES: Eastern Desert: Bir Abrag, Sinai: Ein Gedeirat, Wadi El-Elwah, Wadi El-Lega, Wadi El-Rabba, Wadi Moweileh.

DATES OF COLLECTION: February to June.

Anastoechus bahirae Becker, 1915

Anastoechus bahirae Becker, 1915: 326. Type locality: Tunisia.

Anastoechus fuscipennis Becker, 1915: 326. Type locality: Tunisia.

Anastoechus fuscipennis Becker, 1916: 56. Unjustified emendation of *Anastoechus fuscipennis* Becker, 1915.

Anastoechus bahirae var. *pyramidum* Paramonov, 1940: 271, 404. Type locality: Egypt.

pyramidorum. Incorrect original spelling of *pyramidum* (Paramonov, 1940: 412).

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Kenya, Sudan. PA: Algeria, Egypt, Israel, Libya, Saudi Arabia, Spain, Syria, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout district; Eastern Desert: Wadi Garawi, Wadi Hoff, Wadi Rishrash; Gebel Elba; Sinai: Ein Gedeirat.

DATES OF COLLECTION: January to May.

Anastoechus exalbidus (Wiedemann in Meigen, 1820)

Bombylius exalbidus Wiedemann in Meigen, 1820: 215. Type locality: Portugal.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan, Yemen. PA: Algeria, Armenia, Azerbaijan, Egypt, France, Gruzia, Israel, Italy, Jordan, Kuwait, Lebanon, Oman, Portugal, Saudi Arabia, Spain, Syria, Tunisia, Yugoslavia.

EGYPTIAN LOCALITIES: Lower Nile Valley: Helwan; Eastern Desert: Ismailia, Suez Road, Wadies south east of Cairo; Sinai: Ein Gedeirat, Wadi El-Lega, Wadi El-Rabba; Gebel Elba: Wadi Edeib, Wadi Kanssissrob.

DATES OF COLLECTION: January to April.

Anastoechus nivifrons (Walker, 1871)

Bombylius nivifrons Walker, 1871b: 271. Type locality: Egypt.

Systoechus niveus Hermann in Hermann & Villeneuve, 1909: 150. Type locality: Egypt. Preoccupied by Macquart, 1855.

Anastoechus albopectinatus Becker & Stein, 1912: 604. *Nomen nudum*.

Anastoechus albopectinatus Becker in Becker & Stein, 1913: 582. Type locality: Iran.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan, Yemen. OR: ?Pakistan. PA: Egypt, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Palestine (West Bank), Qatar, Saudi Arabia, Syria, United Arab Emirates.

EGYPTIAN LOCALITIES: Very common everywhere in Egypt.

DATES OF COLLECTION: March to October.

Anastoechus stramineus (Wiedemann in Meigen, 1820)

Bombylius stramineus Wiedemann in Meigen, 1820: 215. Type locality: Portugal.

Bombylius acuticornis Macquart, 1840: 92 [1841: 370]. Type locality: Egypt.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Algeria, Egypt, France, Israel, Italy, Libya, Portugal, Saudi Arabia, Spain, Tunisia, Turkmenistan.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout; Eastern Desert: Wadies south east of Cairo; Gebel Elba.

DATES OF COLLECTION: January to April.

Anastoechus trisignatus (Portschinsky, 1881)

Systoechus trisignatus Portschinsky, 1881: 136. Type locality: Armenia.

Systoechus retrogradus Becker, 1902: 17. Type locality: Egypt & Algeria [as "Berriane in der Sahara].

Anastoechus trisignatus retrogradus var. *weneri* Paramonov, 1930a: 472(122). Unavailable infrasubspecific name not treated at the subspecies or species level before 1961.

Anastoechus weneri Paramonov, 1930a: 476(126). Type locality: Algeria.

Anastoechus trisignatus ssp. *fulvojubatus* François, 1967a: 276. Type locality: Israel.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan, Yemen. PA: Algeria, Armenia, Azerbaijan, Bosnia-Herzegovina, Croatia, Egypt, Greece, Gruzia, Israel, Italy, Jordan, Kuwait, Lebanon, Libya, Macedonia, Morocco, Oman, Qatar, Saudi Arabia, Slovenia, Syria, Tunisia, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout district, Matrouh; Eastern Desert: Ismailia, Wadies south east of Cairo; Gebel Elba: Wadi Edeib, Wadi Kanssissrob.

DATES OF COLLECTION: March to June.

Genus **BECKERELLUS** Greathead

Beckerellus Greathead, 1995: 57. Type species: *Bombylius terminatus* Becker, 1909a, by original designation.

Beckerellus androgynus (Loew, 1855)

Bombylius androgynus Loew, 1855: 33. Type locality: Syria.

DISTRIBUTION: PA: Albania, Armenia, Azerbaijan, Croatia, Egypt, Greece (incl. Zakynthos), Gruzia, Iran, Italy, Kazakhstan, Lebanon, Macedonia, Moldova, Romania, Russia, Slovenia, Syria, Turkey, Ukraine, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Eastern Desert: Wadies south east of Cairo.

DATES OF COLLECTION: February and March.

Genus **BOMBYLELLA** Greathead

Bombylella Greathead, 1995: 56. Type species: *Bombylius ornatus* Wiedemann, 1828, by original designation.

Bombylella atra (Scopoli, 1763)

Bombylius ater Scopoli, 1763: 376. Type locality: Slovenia [as “Carniolica”].

Bombylivs qvartvs Schaeffer, 1768: pl. 79, fig. 6. Unavailable name proposed in a non-binominal work.

Bombylivs qvintvs Schaeffer, 1768: pl. 80, fig. 1. Unavailable name proposed in a non-binominal work.

Hippobosca atra Lepekhin, 1774: 311, pl. 19. Unavailable name published in a non-binominal work.

Hippobosca uralensis Gmelin, 1790: 2905. Type locality: Kazakhstan or Russia [as “deserto Uralensi”].

Bombylius atratus Pallas in Wiedemann, 1818: 18. Unavailable name proposed in synonymy with *Bombylius ater* Scopoli (as “*ater* F.”) and not made available before 1961.

Bombylius barbulus Pallas in Wiedemann, 1818: 18. Type locality: Russia.

Bombylius lugubris Loew, 1855: 9. Type locality: Austria.

DISTRIBUTION: PA: Albania, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Egypt, Estonia, France, Gibraltar, Greece (incl. Lesbos), Gruzia, Hungary, Iran, Israel, Italy (incl. Sicily), Kazakhstan, Kuwait, Kyrgyz Republic, Latvia, Lebanon, Lithuania, Macedonia, Malta, Oman, Poland, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, Spain, Switzerland, Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash, Cairo, Kafr Eldems, Kafr Hakim, Katta, Kirdassa.

DATES OF COLLECTION: February to April.

Genus **BOMBYLISOMA** Rondani

Bombylisoma Rondani, 1856: 164. Type species: *Bombylius sulphureus* Mikan, 1796 (as “*Bombylius sulphureus* Fabr.”) [misidentification, = *Bombylius minimus* Scopoli, 1771, by original designation].

Bombylosoma Loew, 1862c: 25, 208. Unjustified emendation of *Bombylisoma*. Type species: *Bombylius sulphureus* Mikan, 1796, automatic.

Chasmoneura Hesse, 1938: 586. Type species: *Bombylius argyropygus* Wiedemann, 1821, by original designation.

Bombylosoma, error for *Bombylisoma* (Marschall, 1873: 323).

Bombylisoma sinaiticum (Efflatoun, 1945)

Dischistus sinaiticus Efflatoun, 1945: 246. Type locality: Egypt (Sinai: Rabba and Wadi El-Lega) [1S in CUE; 2S (destroyed) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Wadi El-Lega, Wadi El-Rabba.

DATES OF COLLECTION: April.

Bombylisoma tripunctatum (Macquart, 1840)

Bombylius tripunctatus Macquart, 1840: 101 [1841: 379]. Type locality: Egypt [as "Patrie inconnue", from type specimen label data].

Dischistus trigonus Bezzi, 1925: 169. Type locality: Egypt (Abu-Zaabal, Dahshour, ?Mariout) [1S (destroyed) in ESEC].

Dischistus pulchellus Austen, 1937: 43. Type locality: Palestine (Gaza Strip).

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Egypt, Iran, Israel, Palestine (Gaza Strip), Saudi Arabia.

EGYPTIAN LOCALITIES: Coastal Strip: Burg El-Arab, Mariout; Lower Nile Valley: Abu-Rawash, Abu-Zaabal, Kafr Eldems, Kafr Hakim, Kirdassa, Mansouriah, Megadlah, Mazghouna; Eastern Desert: Geneifa, Serapium; Western Desert: Dahshour, Sakkara; Sinai: Ein Gedeirat, El-Arish; Gebel Elba: Wadi Edeib.

DATES OF COLLECTION: January to April.

Genus **BOMBYLIUS** Linnaeus

Bombylius Linnaeus, 1758: 606. Type species: *Bombylius major* Linnaeus, 1758, by subsequent designation (Latreille, 1810: 443).

Subgenus **BOMBYLIUS** Linnaeus
(Nominate subspecies)

Bombylius (Bombylius) bedouinus Efflatoun, 1945

Bombylius bedouinus Efflatoun, 1945: 312. Type locality: Egypt (Sinai: Wadi El-Lega, Wadi El-Rabba, Wadi Shellalah) [6S in CUE; 18S (destroyed) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Wadi El-Lega, Wadi El-Rabba, Wadi Shellalah.

DATES OF COLLECTION: April to June.

***Bombylius (Bombylius) cinerascens* Mikan, 1796**

Bombylius cinerascens Mikan, 1796: 50. Type locality: Czech Republic [as "Bohemiae"].

Bombylius floralis Meigen, 1820: 206. Type locality: France, Germany, or Italy.

DISTRIBUTION: PA: Albania, Armenia, Austria, Azerbaijan, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Egypt, France, Germany, Greece (incl. Lesbos), Gruzia, Hungary, Israel, Italy, Macedonia, Moldova, Poland, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, Spain, Switzerland, Turkey, Ukraine, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout district; Eastern Desert: Wadies south east to Cairo.

DATES OF COLLECTION: February and March.

***Bombylius (Bombylius) efflatounbeyi* Hesse, 1961**

Bombylius minusculus Efflatoun, 1945: 346. Type locality: Egypt (Sinai: Ein Gedeirat) [H (destroyed) in ESEC]. Preoccupied by Hesse, 1938.

Bombylius efflatounbeyi Hesse, 1961: 94. New replacement name for *Bombylius minusculus* Efflatoun, 1945.

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Ein Gedeirat.

DATES OF COLLECTION: July.

***Bombylius (Bombylius) elbayensis* Efflatoun, 1945**

Bombylius cinerarius var. *elbayensis* Efflatoun, 1945: 319. Type locality: Egypt (Gebel Elba) [41S in CUE].

Bombylius cinereipilus Greathead, 1967: 216. Type locality: Eritrea.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Eritrea, Kenya, Sudan, Tanzania. PA: Saudi Arabia.

EGYPTIAN LOCALITIES: Gebel Elba.

DATES OF COLLECTION: January and February.

***Bombylius (Bombylius) fimbriatus fimbriatus* Meigen, 1820**

Bombylius fimbriatus Meigen, 1820: 191. Type locality: Austria [as "Oesterreich"].

Bombylius dimidiatus Wiedemann in Meigen, 1820: 192. Type locality: Austria [as "Oesterreich"].

Bombylius fimbriatus var. *expleta* Loew, 1855: 15. Type locality: Greece or Turkey [as "Kleinasien"].

Bombylius ventralis Loew, 1855: 15. Type locality: France (Corsica).

DISTRIBUTION: PA: Afghanistan, Armenia, Austria, Azerbaijan, Belarus, Belgium, Cyprus, Czech Republic, Egypt, Estonia, France (incl. Corsica), Germany, Greece, Gruzia, Hungary, Iran, Israel, Italy (incl. Sardinia, Sicily), Kazakhstan, Kyrgyz Republic, Latvia, Lithuania, Moldova, Morocco, Poland, Romania, Russia, Slovakia, Spain, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout, Wadi Raml (Matrouh); Lower Nile Valley: Abu-Rawash, Abu-Zaabal, Kafr Hakim, Kirdassa.

DATES OF COLLECTION: February to March.

Bombylius (Bombylius) flavipes Wiedemann, 1828

Bombylius flavipes Wiedemann, 1828: 568. Type locality: Egypt.

Bombylius pygargus Loew in Bezzi, 1925: 163. *Nomen nudum*.

DISTRIBUTION: PA: Egypt, Iran, Italy, Libya, Morocco, Spain, Turkey, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: From Alexandria to Matrouh; Lower Nile Valley: Around Cairo, Delta, Shoubra; Upper Nile Valley: South Aswan; Fayoum; Sinai: Ein Gedeirat, Kossayema.

DATES OF COLLECTION: February to April.

Bombylius (Bombylius) fulvescens Wiedemann in Meigen, 1820

Bombylius fulvescens Wiedemann in Meigen, 1820: 205. Type locality: Portugal.

Bombylius apicalis Meigen, 1820: 208. Type locality: France, Germany, or Italy.

DISTRIBUTION: PA: Albania, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, ?China, Croatia, Czech Republic, Egypt, Greece (incl. Zakinthos), Gruzia, Hungary, Iran, Iraq, Israel, Italy (incl. Sardinia, Sicily), Kazakhstan, Macedonia, Malta, Moldova, Poland, Portugal, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, Spain, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Sinai: St. Catherine.

DATES OF COLLECTION: May to August.

Bombylius (Bombylius) major Linnaeus, 1758

Bombylius major Linnaeus, 1758: 606. Type locality: Not given [= Europe].

Bombylius anonymus Sulzer, 1761: 59. Type locality: "Europa" [= Europe].

- Bombylivs septimvs* Schaeffer, 1769: pl. 121, fig. 3. Unavailable name proposed in a non-binominal work.
- Bombylius variegatus* De Geer, 1776: 268. Type locality: Not given [= Europe].
- Bombylius aequalis* Fabricius, 1781: 473. Type locality: “America boreali”.
- Asilus lanigerus* Geoffroy in Fourcroy, 1785: 459. Type locality: France.
- Bombylius sinuatus* Mikan, 1796: 35. Unjustified new replacement name for *Bombylius anonymus* Sulzer, 1761.
- Bombylius fratellus* Wiedemann, 1828: 583. Type locality: USA (Georgia).
- Bombylius consanguineus* Macquart, 1840: 97 [1841: 375]. Type locality: “D’Alger” [= Algeria].
- Bombylius vicinus* Macquart, 1840: 98 [1841: 376]. Type locality: USA (Pennsylvania).
- Bombylius albipectus* Macquart, 1855: 102(82). Type locality: USA (Maryland).
- Bombylius major* var. *australis* Loew, 1855: 14. Type locality: Italy (Sicily). Preoccupied by Guérin-Méneville, 1831.
- Bombylius basilinea* Loew, 1855: 14. Type locality: Italy (Sicily).
- Bombylius antenoreus* Lioy, 1864: 728. Type locality: Italy.
- Bombylius notialis* Evenhuis, 1978b: 101. New replacement name for *Bombylius major australis* Loew, 1855.
- DISTRIBUTION: NEA: Canada (Alberta, British Columbia, Manitoba, Northwest Territories, Ontario, Quebec, Saskatchewan), USA (Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming), Mexico (Baja California Norte). OR: Bangladesh, India (Assam, Himachal Pradesh, Karnataka), Nepal, Pakistan, Thailand. PA: Albania, Algeria, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, China (Jiangxi), Croatia, Cyprus, Czech Republic, Denmark, Egypt, Estonia, Finland, France (incl. Corsica), Germany, Greece, Gruzia, Hungary, Ireland, Italy (incl. Sardinia, Sicily), Japan, Kazakhstan, Korea, Latvia, Libya, Lithuania, Luxemburg, Malta, Macedonia, Moldova, Mongolia, Morocco, Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovakia,

Slovenia, Spain, Sweden, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, UK (Great Britain, Northern Ireland), Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout district.

DATES OF COLLECTION: February and March.

Bombylius (Bombylius) medius Linnaeus, 1758

Bombylius medius Linnaeus, 1758: 606. Type locality: Europe.

Bombylivs secvndvs Schaeffer, 1768: pl. 78, fig. 34. Unavailable name proposed in a non-binominal work.

Bombylius punctatus De Geer, 1776: 269. Type locality: Not given [= Europe].

Bombylius concolor Mikan, 1796: 30. Type locality: Czech Republic [as "Bohemiae"].

Bombylius discolor Meigen, 1804: 178. Type locality: Not given [= Europe]. Preoccupied by Mikan, 1796.

Bombylius tectus Panzer, 1804: 92. Type locality: Germany.

Bombylius hymopelanus Pallas in Wiedemann, 1818: 19. *Nomen nudum*.

Bombylius intermedius Walker, 1849: 279. Type locality: Not given [= Palaearctic].

Bombylius medius var. *albomicans* Loew, 1855: 12. Type locality: Greece, Syria, or Turkey [as "Kleinasien"] & Lebanon or Syria [as "Syrien"].

Bombylius pictipennis Loew, 1855: 12. Type locality: Italy (Sicily). Preoccupied by Macquart, 1849.

Bombylius medius var. *pallipes* Loew, 1855: 13. Type locality: Greece & Italy (Sicily) & Greece or Turkey [as "Kleinasien"].

Bombylius confrater Loew, 1855: 13. Type locality: Greece (Rhodes).

Bombylius medius var. *dalmatina* Strobl, 1902: 466 [1904: 525]. Type locality: Croatia. Preoccupied by Loew, 1855.

Bombylius poecilopterus Bezzi, 1925: 163. New replacement name for *Bombylius pictipennis* Loew, 1855.

Bombylius medius ssp. *caucasicus* Paramonov, 1940: 137, 349. Type locality: Armenia.

Bombylius varipennis Evenhuis, 1978b: 101. New replacement name for *Bombylius pictipennis* Loew, 1855.

DISTRIBUTION: PA: Afghanistan, Albania, Algeria, Armenia, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Egypt, Estonia, France, Germany, Gibraltar, Greece (incl. Nisiros, Rhodes), Gruzia, Hungary, Iran, Iraq, Israel, Italy (incl. Sardinia, Sicily), Kazakhstan, Kyrgyz Republic, Latvia, Lebanon, Libya, Lithuania, Macedonia, Malta, Moldova, Morocco,

Netherlands, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout district.

DATES OF COLLECTION: February and March.

Bombylius (Bombylius) modestus Loew, 1873

Bombylius modestus Loew, 1873: 192. Type locality: Greece (Naxos).

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Ethiopia, Sudan, Yemen.

OR: Pakistan. PA: Afghanistan, Armenia, Azerbaijan, Cyprus, Egypt, Greece (incl. Naxos), Gruzia, Iran, Italy, Kazakhstan, Macedonia, Russia, Saudi Arabia, Tajikistan, Turkmenistan, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: from Alexandria to Matrouh; Lower Nile Valley: Around Cairo, Delta; Eastern Desert: Ismailia, Wadi Garawi, Wadi Wirak; Upper Nile Valley: Wadi Assiouti; Gebel Elba: Wadi Edeib.

DATES OF COLLECTION: February to July.

Bombylius (Bombylius) montanus Efflatoun, 1945

Bombylius cinerarius var. *montana* Efflatoun, 1945: 319. Type locality: Egypt [19S in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: St. Catherine, Wadi El-Lega.

DATES OF COLLECTION: June to August.

Bombylius (Bombylius) moussayensis Efflatoun, 1945

Bombylius moussayensis Efflatoun, 1945: 354. Type locality: Egypt (Wadi El-Lega "= El-Arbaein") [3S in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Wadi El-Lega, Wadi El-Rabba.

DATES OF COLLECTION: April.

Bombylius (Bombylius) mus Bigot, 1862

Bombylius mus Bigot, 1862: 111. Type locality: France (Corsica).

Bombylius argentifrons Loew, 1873: 194. Type locality: Spain [as "Andalusien"].

Bombylius similis Loew, 1873: 196. Type locality: Uzbekistan.

Preoccupied by Mod er, 1786.

Bombylius catheriniensis Efflatoun, 1945: 315. Type locality: Egypt (Sinai: Wadi El-Rabba, Wadi El-Lega) [40S in CUE].

DISTRIBUTION: PA: Albania, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Croatia, Egypt, France (incl. Corsica), Greece, Gruzia, Hungary, Iran, Israel, Italy (incl. Sicily), Kyrgyz Republic, Lebanon, Macedonia, Morocco, Portugal, Romania, Slovenia, Spain, Syria, Tajikistan, Tunisia, Turkmenistan, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Sinai: Wadi El-Rabba, Wadi El-Lega.

DATES OF COLLECTION: April.

***Bombylius (Bombylius) numidus* Macquart, 1846**

Bombylius numida Macquart, 1846: 351(223), pl. 10, fig. 6 [*in* Lucas, 1849: 450]. Type locality: Algeria.

DISTRIBUTION: PA: Algeria, Egypt, Morocco.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout district; Lower Nile Valley: Abu-Rawash, Ezbet El-Nakhl, Kafr Hakim, Kirdassa, Magadla, Mansouriah; Fayoum: Saiyala.

DATES OF COLLECTION: February & March.

***Bombylius (Bombylius) posticus* Fabricius, 1805**

Bombylius micans Meigen, 1804: 183. Type locality: France.

Preoccupied by Fabricius, 1798.

Bombylius posticus Fabricius, 1805: 131. New replacement name for *Bombylius micans* Meigen, 1804.

Bombylius argyropygus Pallas *in* Wiedemann, 1818: 22. Unavailable name proposed in synonymy with *Bombylius posticus* Fabricius and not made available before 1961.

Bombylius fugax Pallas *in* Wiedemann, 1818: 22. *Nomen nudum*.

Bombylius vulpinus Wiedemann *in* Meigen, 1820: 200. Type locality: Portugal.

Bombylius fugax Wiedemann *in* Meigen, 1820: 207. Type locality: Russia [as "Taurien"].

Bombylius tibialis Walker, 1849: 280. Type locality: Not given [= Palaearctic].

Bombylius vulpinus var. *desertorum* Paramonov, 1926: 163(89). Type locality: Turkmenistan.

Bombylius vulpinus var. *palaestinus* Paramonov, 1926: 163(89). Type locality: Israel.

DISTRIBUTION: PA: Afghanistan, Albania, Algeria, Armenia, Austria, Azerbaijan, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Egypt, France, Germany, Gibraltar, Greece (incl. Lesbos), Gruzia, Hungary, Iran, Iraq, Italy (incl. Sardinia, Sicily), Kazakhstan, Macedonia, Moldova, Morocco, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain (incl.

Mallorca), Switzerland, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Bombylius (Bombylius) seminiger Becker, 1906

Bombylius seminiger Becker, 1906b: 97. Type locality: Tunisia.

DISTRIBUTION: PA: Egypt, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout district.

DATES OF COLLECTION: February and March.

Bombylius (Bombylius) wadensis Efflatoun, 1945

Bombylius wadensis Efflatoun, 1945: 362. Type locality: Egypt (Eastern Desert: Wadi Rishrash; Gebel Elba) [17S in CUE].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Rishrash; Gebel Elba.

DATES OF COLLECTION: March to April.

Subgenus **ZEPHYRECTES** Evenhuis

Zephyrectes Evenhuis, 1978a: 33. Type species: *Bombylius anthophoroides* Evenhuis, 1977, by original designation.

Bombylius (Zephyrectes) cinerarius Pallas & Wiedemann in Wiedemann, 1818

Bombylius cinerarius Pallas & Wiedemann in Wiedemann, 1818: 24.

Type locality: Russia.

Bombylius cinerarius var. *eversmanni* Paramonov, 1926: 111(37). Type locality: Russia.

Bombylius cinerarius var. *karelini* Paramonov, 1926: 112(38). Type locality: Russia.

Bombylius cinerarius var. *pallasi* Paramonov, 1926: 111(37). Type locality: Russia.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Albania, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, China, Croatia, Cyprus, Egypt, France, Greece, Gruzia, Hungary, Iran, Italy, Kazakhstan, Macedonia, Moldova, Mongolia, Romania, Russia, Slovakia, Slovenia, Spain, Syria, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Lower Nile Valley: Kirdassa; Gebel Elba.

DATES OF COLLECTION: January and February.

Genus **DISCHISTUS** Loew

Dischistus Loew, 1855: 45 (as subgenus of *Bombylius* Linnaeus). Type species: *Bombylius mystax* Wiedemann, 1818, by subsequent designation (Becker, 1913: 494).

Acanthogeron Bezzi, 1925: 164. Type species: *Bombylius senex* Meigen, 1820, by original designation.

Lissomerus Austen, 1937: 33. Type species: *Lissomerus niveicomatus* Austen, 1937, by original designation.

Dischistus blanchei (Eflatoun, 1945)

Acanthogeron blanchei Eflatoun, 1945: 258. Type locality: Egypt (Sinai: Wadi El-Lega) [1S in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Wadi El-Lega.

DATES OF COLLECTION: April.

Dischistus eflatounbeyi (Francois, 1961)

Acanthogeron auripilus Eflatoun, 1945: 255. Type locality: Egypt (Sinai: Ein Gedeirat, Wadi El-Lega) [1S in CUE; 2S (destroyed) in ESEC]. Preoccupied by Séguy, 1930.

Acanthogeron eflatounbeyi François, 1961: 312. New replacement name for *Acanthogeron auripilus* Eflatoun, 1945.

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Sinai: Ein Gedeirat, Wadi El-Lega.

DATES OF COLLECTION: April.

Dischistus grandis (Eflatoun, 1945)

Acanthogeron grandis Eflatoun, 1945: 261. Type locality: Egypt (Sinai: Ein Gedeirat; Eastern Desert: Wadi Hoff) [2S (1 destroyed) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Ein Gedeirat; Eastern Desert: Wadi Hoff.

DATES OF COLLECTION: April.

Dischistus perniveus (Bezzi, 1925)

Acanthogeron perniveus Bezzi, 1925: 165. Type locality: Egypt (Mariout) [S (destroyed) in ESEC].

DISTRIBUTION: PA: Egypt, Libya, Morocco.
EGYPTIAN LOCALITIES: Coastal Strip: Mariout district; Eastern Desert:
Suez Road, Wadi Hoff.
DATES OF COLLECTION: February to April.

Dischistus separatus (Becker, 1906)

Bombylius separatus Becker, 1906b: 102. Type locality: Algeria &
Tunisia.

Acanthogeron talboti Séguy, 1930: 106. Type locality: Morocco.

DISTRIBUTION: PA: Algeria, Egypt, Italy, Libya, Morocco, Spain, Syria,
Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Amriah, Hammam; Eastern
Desert: Wadi Bir El-Fahm, Wadi Hoff.

DATES OF COLLECTION: February to April.

Genus **EFFLATOUNIA** Bezzi

Efflatounia Bezzi, 1925: 170. Type species: *Efflatounia aegyptiaca*
Bezzi, 1925, by original designation.

Efflatounia aegyptiaca Bezzi, 1925

Efflatounia aegyptiaca Bezzi, 1925: 171. Type locality: Egypt (Wadi
Hoff, Wadi Um-Biar) [4S (destroyed) in ESEC].

DISTRIBUTION: PA: Egypt, Israel, Libya, Saudi Arabia.

EGYPTIAN LOCALITIES: Lower Nile Valley: Helwan; Eastern Desert:
Wadi Hoff, Wadi Rishrash, Wadi Um-Biar (Qusseir), Wadi Um-Elek,
Wadi Wirak, Wadi Zohleiga.

DATES OF COLLECTION: February to April.

Genus **GONARTHUS** Bezzi

Gonarthrus Bezzi, 1921a: 88. Type species: *Dischistus cylindricus* Bezzi,
1906, by original designation.

Gonarthrus longibarbus (Efflatoun, 1945)

Geron longibarbus Efflatoun, 1945: 146. Type locality: Egypt (Gebel
Elba: Wadi Edeib, Wadi Kanssissrob) [23S in CUE; 9S (all
destroyed) in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Egypt, Saudi Arabia.

EGYPTIAN LOCALITIES: Coastal Strip: Matrouh; Eastern Desert: Abu-Soueir, Wadi Ambaga; Western Desert: Dakhla; Gebel Elba: Wadi Edeib, Wadi Kanssissrob.

DATES OF COLLECTION: January to June.

Genus **NEOBOMBYLODES** Evenhuis

Bombylodes Paramonov, 1940: 65, 339. Type species: *Dischistus multisetosus* Loew, 1857, by original designation. Preoccupied by Fauvel, 1904.

Neobombylodes Evenhuis, 1978c: 247. New replacement name for *Bombylodes* Paramonov, 1940. Type species: *Dischistus multisetosus* Loew, 1857, automatic.

Neobombylodes multisetosus (Loew, 1857)

Dischistus multisetosus Loew, 1857a: 17. Type locality: Spain.

DISTRIBUTION: PA: Algeria, Egypt, Iran, Israel, Italy, Spain.

EGYPTIAN LOCALITIES: Coastal Strip: From Mariout to Matrouh; Eastern Desert: Wadi Bir El-Fahm, Wadi Hoff, Wadi Rishrash, Wadi Zohleiga; Sinai: Ein Gedeirat, Kossayema.

DATES OF COLLECTION: March and April.

Genus **SYSTOECHUS** Loew

Systoechus Loew, 1855: 5, 34 (as subgenus of *Bombylius* Linnaeus).

Type species: *Bombylius sulphureus* Mikan, 1796 [= *Bombylius ctenopterus* Mikan, 1796], by subsequent designation (Coquillett, 1910: 611).

Systoechus ctenopterus (Mikan, 1796)

Bombylius ctenopterus Mikan, 1796: 45. Type locality: Czech Republic [as "Bohemiae"].

Bombylius sulphureus Mikan, 1796: 52. Type locality: Czech Republic [as "Bohemiae"].

Bombylius aurulentus Wiedemann in Meigen, 1820: 201. Type locality: Portugal.

Bombylius fulvus Meigen, 1820: 205. Type locality: Palaearctic [as "Vaterland unbekannt"].

Bombylius sulphureus var. *dalmatinus* Loew, 1855: 37. Type locality: Austria, Croatia, Hungary & Italy.

Bombylius ctenopterus var. *convergens* Loew, 1855: 38. Type locality: Greece, Syria, or Turkey [as "Kleinasien"].

Systoechus sulphureus ssp. *orientalis* Zakhvatkin, 1954: 289. Type locality: Russia.

DISTRIBUTION: PA: Algeria, Armenia, Azerbaijan, Austria, Belgium, Bulgaria, China (Xinjiang), Croatia, Cyprus, Czech Republic, Denmark, Egypt, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Iran, Israel, Italy (incl. Sicily), Kazakhstan, Latvia, Lithuania, Macedonia, Moldova, Morocco, Netherlands, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine, Yugoslavia.

EGYPTIAN LOCALITIES: Sinai: St. Catherine.

DATES OF COLLECTION: May to August.

Systoechus gradatus (Wiedemann in Meigen, 1820)

Bombylius gradatus Wiedemann in Meigen, 1820: 207. Type locality: Portugal.

Bombylius leucophaeus Wiedemann in Meigen, 1820: 215. Type locality: Portugal.

Bombylius lucidus Loew, 1855: 38. Type locality: France (Corsica).

Systoechus leucophaeus var. *gallicus* Villeneuve, 1904: 72. Type locality: France.

Systoechus tesquorum Becker, 1916: 64. Type locality: Russia, Spain & Tunisia.

Systoechus gradatus var. *validus* Bezzi, 1925: 166. Type locality: Egypt (Wadi Hoff) [1S (destroyed) in ESEC].

DISTRIBUTION: PA: Afghanistan, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, China (Xinjiang), Croatia, Egypt, Finland, France (incl. Corsica), Germany, Greece (incl. Corfu), Gruzia, Hungary, Iran, Italy (incl. Sicily), Kazakhstan, Kyrgyz Republic, Macedonia, Moldova, Morocco, Poland, Portugal, Romania, Russia, Slovenia, Spain, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Arab, Wadi Askhar, Wadi Dar El-Maskhara, Wadi Digla, Wadi Garawi, Wadi Hoff, Wadi Rishrash, Wadi Zohleiga; Sinai: Wadi El-Lega, Wadi Garagneyia.

DATES OF COLLECTION: March to August.

Systoechus sinaiticus Efflatoun, 1945

Systoechus sinaiticus Efflatoun, 1945: 274. Type locality: Egypt (Sinai: Wadi El-Rabba) [H (destroyed) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Wadi El-Rabba.

DATES OF COLLECTION: April.

Tribe **CONOPHORINI** Becker

Genus **CONOPHORUS** Meigen

Conophorus Meigen, 1803: 268. Type species: *Bombylius maurus*

Mikan, 1796 [preoccupied, = *Bombylius virescens* Fabricius, 1787], by monotypy.

Ploas Latreille, 1804: 190. Type species: *Ploas hirticornis* Latreille, 1805 [= *Bombylius virescens* Fabricius, 1787], by subsequent monotypy (Latreille, 1805: 300).

Tornotes Gistel, 1848: x. Unjustified new replacement name for *Ploas* Latreille, 1804. Type species: *Ploas hirticornis* Latreille, 1805 [= *Bombylius virescens* Fabricius, 1787], automatic.

Codionus Rondani, 1873: 299. Type species: *Codionus chlorizans* Rondani, 1873 [= *Bombylius nobilis* Loew, 1873], by monotypy.

Calopelta Greene, 1921: 23. Type species: *Calopelta fallax* Greene, 1921, by original designation.

Conophorus aegyptiacus Bezzi, 1925

Conophorus aegyptiacus Bezzi, 1925: 172. Type locality: Egypt (Mariout) [14S in CUE; 4S in ESEC].

Conophorus aegyptiacus Becker, 1925. Incorrect author name [El-Hawagry, 2008].

DISTRIBUTION: PA: Egypt, Libya.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout.

DATES OF COLLECTION: February to April.

Genus **LEGNOTOMYIA** Bezzi

Legnotus Loew, 1855: 6, 41 (as subgenus of *Bombylius* Linnaeus). Type species: *Bombylius trichorhoeus* Loew, 1855, by original

designation. Preoccupied by Schiodte, 1848.

Legnotomyia Bezzi, 1902: 191. New replacement name for *Legnotus* Loew, 1855. Type species: *Bombylius trichorhoeus* Loew, 1855, automatic.

Psiatholasius Becker, 1906c: 145. Type species: *Psiatholasius bombylifformis* Becker, 1906 [= *Bombylius singularis* Macquart, 1846], by original designation.

Legnotomyia fascipennis (Bezzi, 1925)

Psiatholasius fascipennis Bezzi, 1925: 181. Type locality: Egypt (Kirdassa, Mazghouna.) [1S (damaged) in ESEC; 1S in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash, Borgash, Kafr Kakim, Katta, Kirdassa, Mansouriah, Mazghouna; Eastern Desert: Wadi Garawi, Wadi Gharagid, Wadi Hoff, Wadi Rishrash; Western Desert: Sakkara.

DATES OF COLLECTION: April to July.

Legnotomyia leyladea Eflatoun, 1945

Legnotomyia leyladea Eflatoun, 1945: 237. Type locality: Egypt (Sinai: Ein Gedeirat) [14S in CUE; 9S (destroyed) in ESEC; 4S lost].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Ein Gedeirat.

DATES OF COLLECTION: May.

Genus **PRORACHTHES** Loew

Prorachthes Loew, 1869a: 381. Type species: *Prorachthes ledereri* Loew, 1868, by monotypy.

Dumontiella Séguy, 1932: 126. Type species: *Dumontiella vespertilio* Séguy, 1932, by original designation.

Cheilohadrus Hesse, 1938: 674. Type species: *Cheilohadrus conspersipennis* Hesse, 1938, by original designation.

Prorachthes longirostris Bezzi, 1925

Prorachthes longirostris Bezzi, 1925: 172. Type locality: Egypt (Mariout) [H in CUE].

DISTRIBUTION: PA: Algeria, Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Burg El-Arab, Mariout.

DATES OF COLLECTION: March.

Subfamily **CROCIDIINAE** Hull

Genus **CROCIDIUM** Loew

Crocidium Loew, 1860a: 85. Type species: *Crocidium poecilopterum*
Loew, 1860, by monotypy.

Crocidium aegyptiacum Bezzi, 1925

Crocidium aegyptiacum Bezzi, 1925: 193. Type locality: Egypt
(Mariout).

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Coastal Strip: Burg El-Arab, Mariout.

DATES OF COLLECTION: February to April.

Crocidium nudum Efflatoun, 1945

Crocidium nudum Efflatoun, 1945: 130. Type locality: Egypt (Burg El-
Arab; Sinai: Ein Gedeirat) [2S in CUE; 3S (2 destroyed) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Burg El-Arab; Sinai: Ein Gedeirat.

DATES OF COLLECTION: April.

Subfamily **MARIOBEZZIINAE** Becker

Genus **MARIOBEZZIA** Becker

Mariobezzia Becker, 1912: 422. *Nomen nudum*.

Mariobezzia Becker & Stein, 1912: 604. *Nomen nudum*.

Mariobezzia Becker, 1913: 470. Type species: *Mariobezzia lichtwardti*
Becker, 1913, by monotypy

Mariobezzia catherinae Efflatoun, 1945

Mariobezzia catherinae Efflatoun, 1945: 61. Type locality: Egypt (Sinai:
Wadi El-Lega, Wadi Garagneyia) [1S in CUE, 3S in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Mariout, Matrouh; Lower Nile Valley: Abu-Rawash, Kirdassa; Eastern Desert: Wadi Morrah, Wadi Rishrash; Sinai: Wadi El-Lega, Wadi Garagneyia; Gebel Elba.
DATES OF COLLECTION: July to September.

Mariobezzia lichtwardti Becker, 1913

Mariobezzia lichtwardti Becker & Stein, 1912: 604. *Nomen nudum*.

Mariobezzia zarudnyi Becker & Stein, 1912: 604. *Nomen nudum*.

Mariobezzia lichtwardti Becker, 1913: 470; figs. 15–16 [*in* Becker & Stein, 1913: 578]. Type locality: Turkmenistan.

Mariobezzia zarudnyi Becker *in* Becker & Stein, 1913: 579. Type locality: Iran.

Mariobezzia griseohirta Nurse, 1922: 887. Type locality: Pakistan.

Mariobezzia pellucida Paramonov, 1929a: 78(16). Type locality: Egypt [H (destroyed) in ESEC].

Mariobezzia griseohirta var. *aegyptiaca* Engel, 1933: 97. Type locality: Egypt (Wadi Gharagid) [H (destroyed) in ESEC].

DISTRIBUTION: OR: India, Pakistan. PA: Egypt, Iran, Israel, Turkmenistan.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Garrareyat, Wadi Gharagid, Wadi Hoff, Wadi Rishrash.

DATES OF COLLECTION: June and July.

Subfamily **CY THEREINAE** Becker

Genus **AMICTUS** Wiedemann

Amictus Wiedemann, 1817: 58. Type species: *Bombylius oblongus* Fabricius, 1805, by monotypy.

Thlipsomyza Wiedemann, 1820: 12. Type species: *Bombylius compressus* Fabricius, 1805, by original designation.

Thlipsomyza Jensen, 1832: 327. Type species: *Bombylius compressus* Fabricius, 1805, by monotypy. Preoccupied by Wiedemann, 1820.

Thlipsogaster Rondani, 1863: 72 [1864: 72]. Type species: *Thlipsomyza castanea* Macquart, 1840, by subsequent designation (Bezzi, 1924a: 4).

Truquia Rondani, 1863: 72 [1864: 72]. Type species: *Truquia insularis* Rondani, 1863, by original designation.

Subbombylius Kapoor in Kapoor, Agarwal & Grewel, 1979: 411. Type species: *Subbombylius bowdeni* Kapoor & Agarwal, 1979, by original designation.

Thlypsigaster. Error for *Thlipsogaster* (Marschall, 1873: 348).

Sybbombylius. Incorrect original spelling of *Subbombylius* (Kapoor in Kapoor, Agarwal & Grewel, 1979: 411).

Thlypsogaster. Incorrect original spelling of *Thlipsogaster* (Rondani, 1863: 72).

Amictus aegyptiacus Paramonov, 1931

Amictus aegyptiacus Paramonov, 1931: 7(7). Type locality: Egypt [?2 topotypes or isotypes in CUE, see: El-Hawagry (2008: 219)].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Marg; Lower Nile Valley: Abu-Rawash, El-Katta, Ezbet El-Nakhl, Mansouriah, Marg; Eastern Desert: Abu-Souir, Geneifa, Suez Road.

DATES OF COLLECTION: April to June.

Amictus gebeli Eflatoun, 1945

Amictus gebeli Eflatoun, 1945: 161. Type locality: Egypt (Sinai: Wadi Garagneyia, Wadi El-Lega) [L & 11PL designated by El-Hawagry (2008: 219) in CUE; 14S (destroyed) in ESEC; 8S lost].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Wadi Garagneyia, Wadi El-Lega.

DATES OF COLLECTION: June to September.

Amictus pulchellus Macquart, 1846

Amictus pulchellus Macquart, 1846: 351(223), pl. 10, fig. 11 [*in* Lucas, 1849: 454]. Type locality: Algeria.

DISTRIBUTION: PA: Algeria, Egypt, Greece (incl. Rhodes), Israel, Morocco, Spain, Tunisia, Turkey.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Mariout; Lower Nile Valley: Abu-Rawash, Kafr Hakim, Kirdassa, Mazghouna, Pyramids; Western Desert: Sakkara.

DATES OF COLLECTION: March to May.

Amictus setosus Loew, 1869

Amictus setosus Loew, 1869b: 243. Type locality: Greece [as "Makri"].

DISTRIBUTION: PA: Egypt, Greece, Israel, Turkey.

EGYPTIAN LOCALITIES: Coastal Strip: Abu-Mina, Burg, Mariout; Lower Nile Valley: Ezbet El-Nakhl, Marg.

DATES OF COLLECTION: April and May.

Amictus shafiki Efflatoun, 1945

Amictus shafiki Efflatoun, 1945: 171. Type locality: Egypt (Sinai: Wadi El-Lega, Wadi Garagneyia); [L & 33PL designated by El-Hawagry (2008: 219, 220) in CUE; 15S (3 destroyed in ESEC; 6S lost)].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Wadi El-Lega, Wadi Garagneyia.

DATES OF COLLECTION: June to September.

Amictus tener Becker, 1906

Amictus tener Becker, 1906c: 157. Type locality: Algeria.

DISTRIBUTION: PA: Algeria, Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout; Lower Nile Valley: Abu-Rawash, Kafr Hakim, Mazghouna; Western Desert: Sakkara.

DATES OF COLLECTION: March to May.

Genus **CHALCOCHITON** Loew

Chalcochiton Loew, 1844: 157. Type species: *Chalcochiton speciosus* Loew, 1844, by monotypy.

Logcocerius Rondani, 1863: 61 [1864: 61]. Type species: *Anthrax holosericeus* Fabricius, 1794 (as "*M. holosericeus* Loew"), by original designation.

Loncocerius Bezzi in Becker, Bezzi, Bischof, Kertész & Stein, 1903: 182. Unjustified emendation of *Logcocerius* Rondani, 1863. Type species: *Anthrax holosericeus* Fabricius, 1794, automatic.

Lonchocerius Bezzi, 1924a: 4. Unjustified emendation of *Logcocerius* Rondani, 1863. Type species: *Anthrax holosericeus* Fabricius, 1794, automatic.

Chalcochiton argyrocephalus (Macquart, 1840)

Anthrax argyrocephala Macquart, 1840: 55 [1841: 333]. Type locality: Algeria [as "D'Alger"].

DISTRIBUTION: PA: Algeria, Egypt, Israel, Jordan, Libya, Morocco, Palestine (West Bank).

EGYPTIAN LOCALITIES: Coastal Strip: Amriah to Hammam; Sinai: Ein Gedeirat.

DATES OF COLLECTION: March and April.

Chalcochiton bisalbifrons Bezzi, 1922

Chalcochiton bisalbifrons Bezzi, 1922b: 147. Type locality: Libya.

DISTRIBUTION: PA: Egypt, Libya.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Genus **CYLLENIA** Latreille

Cyllenia Latreille, 1802: 429. Type species: *Cyllenia maculata* Latreille, 1802 [= *Asilus rusticus* Rossi, 1790], by monotypy.

Cyllenia marginata Loew, 1846: 368. Type locality: Turkey.

DISTRIBUTION: PA: Albania, Armenia, Azerbaijan, Bosnia-Herzegovina, Croatia, Egypt, France, Greece (incl. Zakynthos), Gruzia, Iran, Israel, Italy (incl. Sicily), Macedonia, Romania, Slovenia, Turkey, Turkmenistan, Yugoslavia.

EGYPTIAN LOCALITIES: Sinai: Wadi El-Arbaein, Wadi El-Rabba.

DATES OF COLLECTION: April.

Genus **CYTHEREA** Fabricius

Cytherea Fabricius, 1794: 413. Type species: *Cytherea obscura*

Fabricius, 1794, automatic [by designation of type species for *Mulio* by Latreille (1810: 443)].

Mulio Latreille, 1797: 155. Unnecessary new replacement name for

Cytherea Fabricius, 1794. Type species: *Cytherea obscura* Fabricius, 1794, by subsequent designation (Latreille, 1810: 443).

Astrophra Rafinesque, 1815: 130. Unnecessary new replacement name for *Cytherea* Fabricius, 1794. Type species: *Cytherea obscura* Fabricius, 1794, automatic.

Glossista Rondani, 1856: 163. Type species: *Mulio infuscatus* Meigen, 1820, by original designation.

Cytherea albolineata (Bezz, 1925)

Glossista albolineata Bezzi, 1925: 176. Type locality: Egypt (Mariout, Wadi Hoff) [L & 4PL designated by El-Hawagry (2008: 222) in CUE].

DISTRIBUTION: AF: Yemen. PA: Egypt, Iran, Israel, Jordan, Oman, Saudi Arabia, United Arab Emirates.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout district from Amriah to Hammam and Abu-Mina; Eastern Desert: Suez Road, Wadi Dar El-Maskhara, Wadi Hoff, Wadi Rasheed, Wadi Rishrash, Wadi Um-Elek; Sinai: Ein Gedeirat.

DATES OF COLLECTION: March to June.

Cytherea alexandrina (Becker, 1902)

Mulio alexandrinus Becker, 1902: 30 [1903a: 24]. Type locality: Egypt.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan, Yemen. PA: Afghanistan, Algeria, Egypt, Iran, Israel, Kuwait, Oman, Saudi Arabia, Tunisia, United Arab Emirates.

EGYPTIAN LOCALITIES: Coastal Strip: From Alexandria to Matrouh; Lower Nile Valley: Abu-Rawash, Ezbet El-Nakhl, Kafr Hakim, Kirdassa; Eastern Desert: Wadi Dar El-Maskhara, Wadi Hoff; Sinai: Ein Gedeirat; Upper Nile Valley: South of Aswan; Gebel Elba: Wadi Kanssissrob, Wadi Edeib.

DATES OF COLLECTION: March to May.

Cytherea aurea Fabricius, 1794

Cytherea aurea Fabricius, 1794: 414. Type locality: Algeria or Tunisia [as "Barbaria"].

Mulio punctipennis Macquart, 1840: 78 [1841: 365]. Type locality: Italy (Sicily) & North Africa.

DISTRIBUTION: PA: Algeria, Egypt, Israel, Italy (incl. Sicily), Jordan, Libya, Morocco, Palestine (West Bank), Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Abu-Mina, Burg El-Arab.

DATES OF COLLECTION: April and May.

Cytherea barbara Sack, 1906

Cytherea barbara Sack, 1906: 469. Type locality: Tunisia.

DISTRIBUTION: PA: Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Palestine (Gaza Strip & West Bank), Syria, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Abu-Mina, Burg El-Arab, Matrouh, Salloum; Eastern Desert: Wadi Wirak; Sinai: Ein Gedeirat, Rafah, Wadi El-Lega.

DATES OF COLLECTION: March to May.

Cytherea delicata (Becker, 1906)

Mulio delicatus Becker, 1906c: 153. Type locality: Tunisia & Algeria.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Yemen. PA: Algeria, Egypt, Iran, Israel, Jordan, Kuwait, Morocco, Oman, Palestine (West Bank), Saudi Arabia, Tunisia, Turkey, United Arab Emirates.

EGYPTIAN LOCALITIES: Coastal Strip: From Alexandria to Matrouh; Lower Nile Valley: Abu-Rawash, Ezbet El-Nakhl, Kafr Hakim, Kirdassa; Eastern Desert: Wadi Dar El-Maskhara, Wadi Hoff; Sinai: Ein Gedeirat; Upper Nile Valley: South of Aswan; Gebel Elba: Wadi Kanssissrob, Wadi Edeib.

DATES OF COLLECTION: March to May.

Cytherea maroccana (Becker, 1903)

Mulio maroccanus Becker, 1903a: 28 (key only) [1903b: 89]. Type locality: Algeria (Biskra).

Glossista nitidapex Bezzi, 1925: 177. Type locality: Egypt (Wadi Hoff; Wadi Garrawy) [L designated by El-Hawagry (2008: 222) & 1T in CUE].

DISTRIBUTION: PA: Algeria, Egypt, Israel, Libya, Morocco.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Garrawi, Wadi Hoff; Sinai: Wadi El-Rabba, Wadi El-Lega.

DATES OF COLLECTION: March and April.

Cytherea nucleorum (Becker, 1902)

Mulio nucleorum Becker, 1902: 31 [1903a: 24]. Type locality: Egypt & Israel].

DISTRIBUTION: PA: Egypt, Israel, Jordan, Kuwait, Libya, Saudi Arabia, Syria.

EGYPTIAN LOCALITIES: Coastal Strip: Abu-Mina, Burg El-Arab; Sinai: Ein Gedeirat.

DATES OF COLLECTION: March and April.

Cytherea thyridophora (Bezzi, 1925)

Glossista thyridophora Bezzi, 1925: 178. Type locality: Egypt (Mariout) [L & 18PL designated by El-Hawagry (2008: 222, 223) in CUE].

DISTRIBUTION: PA: Algeria, Egypt, Iran, Israel, Saudi Arabia, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Amriah, Burg El-Arab, Hammam, Ikingi Mariout.

DATES OF COLLECTION: March to May.

Cytherea wadensis Efflatoun, 1945

Cytherea wadensis Efflatoun, 1945: 399. Type locality: Egypt (Eastern Desert: Wadi Hoff, Wadi Garawi, Wadi Silly, Wadi Um-Elek, Wadi Wirak, Wadi Zohleiga, Wadi Agramiah (North Galala); Sinai: Ein

Moussa, Wadi El-Lega) [L & 88PL designated by El-Hawagry (2008: 223) in CUE].

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Agramiah (North Galala), Wadi Garawi, Wadi Hoff, Wadi Silly, Wadi Um-Elek, Wadi Wirak, Wadi Zohleiga; Sinai: Ein Moussa, Wadi El-Lega.

DATES OF COLLECTION: March and April.

Genus **SINAIA** Becker

Sinaia Hermann, 1909: 149. Type species: *Sinaia kneuckeri* Becker, 1916, by subsequent designation (Bezzi, 1924a: 6). *Nomen nudum*.

Sinaia Becker, 1916: 65. Type species: *Sinaia kneuckeri* Becker, 1916, by original designation.

Sinaia kneuckeri Becker, 1916

Sinaia kneuckeri Hermann, 1909: 149. *Nomen nudum*.

Sinaia kneuckeri Becker, 1916: 66. Type locality: Egypt.

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Ein Gedeirat.

DATES OF COLLECTION: April.

Subfamily **LOMATIINAE** Schiner

Tribe **LOMATIINI** Schiner

Genus **ANISOTAMIA** Macquart

Anisotamia Macquart, 1840: 81 [1841: 359]. Type species: *Anisotamia ruficornis* Macquart, 1840, by subsequent designation (Coquillett, 1910: 507).

Anisotamia ruficornis Macquart, 1840

Anisotamia ruficornis Macquart, 1840: 81 [1841: 359]. Type locality:

Egypt [L designated by Evenhuis & Greathead (1999: 643).

DISTRIBUTION: PA: Egypt, Israel, Libya, Syria.

EGYPTIAN LOCALITIES: Coastal Strip: Abu-Kbir, Alexandria, El-Burg,
Mariout, Max.

DATES OF COLLECTION: May & June.

Subfamily **ANTONIINAE** Hull

Genus **ANTONIA** Loew

Antonia Loew, 1856: 30. Type species: *Antonia suavissima* Loew, 1856,
by monotypy.

Dimorphophus Walker, 1871a: 255. *Nomen nudum*.

Dimorphophora Walker, 1871b: 272. Type species: *Dimorphophora*
syrphoides Walker, 1871 [= *Antonia suavissima* Loew, 1856], by
monotypy.

Antonia gabalensis El-Hawagry, 2009

Antonia gabalensis El-Hawagry, 2009: 3. Type locality: Egypt (Sinai:
Wadi El-Shallalah) [H in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai (South Sinai): Wadi El-Lega, Wadi El-
Shallalah (near Rabbah), Wadi Garagniya.

DATES OF COLLECTION: June to September.

Antonia suavissima Loew, 1856

Antonia suavissima Loew, 1856: 30. Type locality: Egypt.

Dimorphophora syrphoides Walker, 1871b: 272. Type locality: Egypt.

DISTRIBUTION: AF: Djibouti, Egypt [as "Gebel Elba"], Eritrea, Ethiopia,
Somalia, Sudan, Yemen. PA: Algeria, Egypt, Italy (Sicily), Kuwait,
Oman, Saudi Arabia, United Arab Emirates.

EGYPTIAN LOCALITIES: Eastern Desert: Common in different wadies in
Eastern Desert; Sinai: Firan, Gebel Serbal; Gebel Elba.

DATES OF COLLECTION: March to June.

Subfamily **ANTHRACINAE** Latreille

Tribe **ANTHRACINI** Latreille

Genus **ANTHRAX** Scopoli

Anthrax Scopoli, 1763: 358. Type species: *Musca morio* Linnaeus, 1758 [misidentification, = *Musca anthrax* Schrank, 1781], by monotypy.

Leucamoeba Sack, 1909: 520. Type species: *Bibio aethiops* Fabricius, 1781, by original designation.

Chalcamoeba Sack, 1909: 522. Type species: *Anthrax virgo* Egger, 1859, by original designation.

Anthrax aethiops* ssp. *bezzii (Paramonov, 1957)

Anthrax aethiops ssp. *bezzii* Paramonov, 1957: 143. Type locality: Egypt (Mariout) [L & 4PL designated by El-Hawagry *et al.* (2000: 101) in ESEC].

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Coastal Strip: From Alexandria to Salloum; Eastern Desert: Wadies south east of Cairo.

DATES OF COLLECTION: March to September.

Anthrax aygulus Fabricius, 1805

Anthrax aygulus Fabricius, 1805: 121. Type locality: Ghana.

Anthrax biflexa Loew, 1852: 659. Type locality: Mozambique.

Anthrax aygulus ssp. *senegalensis* François, 1972: 8. Type locality: Senegal.

DISTRIBUTION: AF: Botswana, Chad, Congo, Egypt [as "Gebel Elba"], Eritrea, Ethiopia, Ghana, Kenya, Malawi, Mauritania, Mozambique, Namibia, Nigeria, Senegal, South Africa, Sudan, Tanzania, Uganda, Yemen, Zambia, Zimbabwe. OR: China (Guanxi, Hainan, Hunan, Yunnan, Zhejiang). PA: China (Jiangxi, Sichuan, Xizang), Japan, Saudi Arabia.

EGYPTIAN LOCALITIES: Gebel Elba.

DATES OF COLLECTION: January and February.

Anthrax binotatus Wiedemann *in* Meigen, 1820

Anthrax binotata Wiedemann *in* Meigen, 1820: 165. Type locality: Portugal.

Anthrax subnotata Wiedemann in Meigen, 1820: 166. Type locality: Portugal.

DISTRIBUTION: PA: Albania, Armenia, Azerbaijan, Austria, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Egypt, France, Germany, Greece (incl. Ithaca, Rhodes), Gruzia, Hungary, Iran, Israel, Italy (incl. Sardinia, Sicily), Libya, Macedonia, Moldova, Morocco, Poland, Portugal, Russia, Slovakia, Slovenia, Spain, Switzerland, Syria, Tajikistan, Turkey, Ukraine, Uzbekistan.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Anthrax candidapex Austen, 1937

Spongostylum candidapex Austen, 1937: 120. Type locality: Palestine (West Bank).

DISTRIBUTION: PA: Israel, Palestine (West Bank).

EGYPTIAN LOCALITIES: Western Desert: Dakhla; Sinai: El-Arish.

DATES OF COLLECTION: March to May.

Anthrax chionanthrax (Bezzi, 1926)

Argyramoeba chionanthrax Bezi, 1926: 265. Type locality: Egypt (Wadi Um-Biar (Quseir)) [L designated by El-Hawagry *et al.* (2000: 102) in ESEC].

Anthrax cairensis Paramonov, 1935: 10, 15, 25, 30 (key only) [1936b: 86]. Type locality: Egypt (Wadi Hoff) [H in CUE].

Anthrax nanus Paramonov, 1935: 15, 30 (key only) [1936b: 130]. Type locality: Egypt (Eastern Desert: Suez Road; Lower Nile Valley: Borgash) [L & 4PL designated by El-Hawagry *et al.* (2000: 102) in ESEC].

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash, Borgash, Mansouriah, Eastern Desert: Suez Road, Wadi Hoff, Wadi Morrah, Wadi Garawi, Wadi Um-Biar (Quseir); Sinai: Wadi El-Rabba.

DATES OF COLLECTION: February to September.

Anthrax dentata (Becker, 1906)

Argyromoeba dentata Becker, 1906c: 148. Type locality: Tunisia.

Anthrax efflatouni Paramonov, 1935: 7, 22 (key only) [1936b: 90]. Type locality: Egypt (Wadi Um-Biar "Quseir") [H in ESEC].

DISTRIBUTION: AF: Aldabra, Chad, Eritrea, Kenya, Tanzania, Yemen (incl. Socotra). PA: Algeria, Andorra, Egypt, Hungary, Israel, Italy (incl. Sicily), Libya, Malta, Morocco, Palestine (West Bank), Saudi Arabia, Spain, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Nuzha; Lower Nile Valley: Abu-Rawash, Badrasheen, Barrage, El-Mansouriah, Embaba, Ezbet Nakhl, Katta, Kirdassa, Marg; Eastern Desert: Ogret El-Sheikh, Wadi Abu-Ghanayem, Wadi Dar El-Maskhara, Wadi Degla, Wadi Rishrash, Wadi Um-Biar (Quseir), Wadi Um-Elik; Fayoum: Kom Osheem, Tameyia; Sinai: Wadi El-Arbaein, Wadi El-Rabba, Wadi Za'eitar.
 DATES OF COLLECTION: March to September.

Anthrax galali El-Hawagry, 2002

Anthrax galali El-Hawagry, 2002: 2. Type locality: Egypt (Sinai: Wadi El-Rabba) [H in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Wadi El-Rabba.

DATES OF COLLECTION: April.

Anthrax greatheadi El-Hawagry, 1998

Anthrax greatheadi El-Hawagry, 1999: 108. Type locality: Egypt (Sinai: St. Catherine "Hagar Bardeiya") [H in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Ein Maein El-Roeian, Hagar Bardeiya, Serbal, Wadi El-Arbaein, Wadi Gebal.

DATES OF COLLECTION: May to August.

Anthrax johanni Zaitzev, 1997

Anthrax muscaria Klug, 1832: pl. 30, fig. 15. Type locality: Egypt. Preoccupied by Pallas, 1818.

Anthrax johanni Zaitzev, 1997: 900. New replacement name for *Anthrax muscaria* Klug, 1832.

DISTRIBUTION: AF: Chad, Eritrea, Kenya, Yemen. PA: Egypt, Israel, Malta, Saudi Arabia.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Anthrax lucidus (Becker, 1902)

Argyro-moeba lucida Becker, 1902: 29. Type locality: Egypt (Fayoum: Siala).

Anthrax hassani Paramonov, 1935: 11, 25, 26 (key only) [1936b: 94]. Type locality: Egypt (Mazghouna, Wadi Um-Girfan) [L designated by El-Hawagry *et al.* (2000: 103) in ESEC].

Spongostylum nigrum Austen, 1937: 122. Type locality: Palestine (West Bank).

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Israel, Libya, Palestine (West Bank), Tunisia.

EGYPTIAN LOCALITIES: Lower Nile Valley: Helwan, Mazghouna, Shubra; Eastern Desert: Wadi Beida, Wadi Gharaba, Wadi Rishrash, Wadi Um-Girfan; Western Desert: Dakhla Oasis; Fayoum: Siyala; Sinai: Ein Moussa, Wadi El-Arbaein, Wadi El-Rabba, Wadi Ein Gedeirat, Wadi Garagneyia, Wadi Gebal; Gebel Elba.

DATES OF COLLECTION: January to September.

Anthrax melanista (Bezzi, 1925)

Argyramoeba melanista Bezzi, 1925: 221. Type locality: Egypt (Wadi Hoff, Wadi Rishrash) [L & 2PL designated by El-Hawagry *et al.* (2000: 104) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Dar El-Maskhara, Wadi Garawi, Wadi Hoff, Wadi Rishrash, Wadi Morrah, Wadi Um-Elik, Wadi Zohleiga.

DATES OF COLLECTION: March to September.

Anthrax moursyi El-Hawagry, 1998

Anthrax moursyi El-Hawagry, 1998: 109. Type locality: Egypt (Sinai: Wadi El-Arbein) [H in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Serbal, Wadi Abu-Hbeig, Wadi El-Arbein.

DATES OF COLLECTION: May to July.

Anthrax pharaonis Paramonov, 1935

Anthrax pharaonis Paramonov, 1935: 15, 30 (key only) [1936b: 138].
Type locality: Egypt [H in ESCE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout.

DATES OF COLLECTION: May.

Anthrax sticticus Klug, 1832

Anthrax stictica Klug, 1832: pl. 30, fig. 14. Type locality: Saudi Arabia [as "Arabia felici"].

Argyramoeba polystigma Sack, 1909: 534. Type locality: Cyprus & Greece & Turkey.

Spongostylum quinquemaculatum Bezzi, 1920: 105. Type locality: Guinea-Bissau [as "Guinea Portoghese"].

Spongostylum quinquemaculatum Bezzi, 1924a: 170. Type locality: Senegal. Preoccupied by Bezzi, 1920.

DISTRIBUTION: AF: Chad, Eritrea, Guinea-Bissau, Nigeria, Senegal. PA: Afghanistan, Armenia, Azerbaijan, Cyprus, Egypt, Greece, Gruzia, Iran, Israel, Italy (incl. Sicily), Kyrgyz Republic, Macedonia, Oman, Palestine (West Bank), Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Sinai: Gebel Moussa.

DATES OF COLLECTION: May to July.

Anthrax trifasciatus Meigen, 1804

Anthrax trifasciata Meigen, 1804: 206. Type locality: France.

Anthrax leucogaster Wiedemann in Meigen, 1820: 163. Type locality: "Oesterreich" [probably = Austria].

Anthrax capitulata Mulsant, 1852: 11. Type locality: France.

Argyramoeba heteropyga Sack, 1909: 531. Type locality: France (Corsica).

DISTRIBUTION: OR: Pakistan. PA: Afghanistan, Albania, Algeria, Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Egypt, France (incl. Corsica), Greece (incl. Corfu, Ithaca, Rhodes, Santorini, Zakynthos), Hungary, Italy (incl. Sicily), Kyrgyz Republic, Macedonia, Malta, Morocco, Oman, Poland, Slovakia, Slovenia, Spain, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, United Arab Emirates, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Sinai: Abu-Hbeig, Wadi El-Arbaein, Wadi Garagneyia, Wadi Tlah.

DATES OF COLLECTION: April and May.

Anthrax zohrayensis El-Hawagry, 2002

Anthrax zohrayensis El-Hawagry, 2002: 4. Type locality: Egypt (Sinai: Wadi El-Arbaein) [H in CUE].

DISTRIBUTION: AF: Egypt.

EGYPTIAN LOCALITIES: Sinai: Wadi El-Arbaein, Wadi Garagneyia.

DATES OF COLLECTION: March to August.

Genus **SPOGOSTYLUM** Macquart

Spogostylum Macquart, 1840: 53 [1841: 331]. Type species:

Spogostylum mystaceum Macquart, 1840 [= *Anthrax tripunctatus* Wiedemann, 1820], by monotypy.

Spongostylum Agassiz, 1846b: 349. Unjustified emendation of *Spogostylum* Macquart, 1840. Type species: *Spogostylum*

mystaceum Macquart, 1840 [= *Anthrax tripunctatus* Wiedemann, 1820], automatic.

Argyromoeba Schiner, 1860a: 51. Type species: *Anthrax tripunctatus* Wiedemann, 1820, by designation of Coquillett (1910b: 510).

Argyramoeba Loew, 1869b: 228 [1872a: 114; 1872c: 290]. Unjustified emendation of *Argyromoeba* Schiner 1860. Type species: *Anthrax tripunctatus* Wiedemann, 1820, automatic.

Anthracamoeba Sack, 1909: 515. Type species: *Anthracamoeba obscura* Sack, 1909, by original designation.

Chrysamoeba Sack, 1909: 516. Type species: *Chrysamoeba vulpina* Sack, 1909, by original designation. Preoccupied by Klebs, 1892.

Molybdamoeba Sack, 1909: 510, 519. Type species: *Anthrax tripunctatus* Wiedemann, 1820, by original designation.

Psamatamoeba Sack, 1909: 536. Type species: *Anthrax isis* Meigen, 1820, by original designation.

Coniomastix Enderlein, 1934: 140. Type species: *Coniomastix montana* Enderlein, 1934, by original designation.

Aureomoeba Evenhuis, 1978c: 247. New replacement name for *Chrysamoeba* Sack, 1909. Type species: *Chrysamoeba vulpina* Sack, 1909, automatic.

Spogostylum. Incorrect original spelling of *Spogostylum* (Macquart, 1840: pl. 19, fig. 1).

***Spogostylum bisniphas* (Bezzi, 1925)**

Argyramoeba bisniphas Bezzi, 1925: 223. Type locality: Egypt (Wadi Garawi, Wadi Hoff) [L & 3PL designated by El-Hawagry *et al.* (2000: 107) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Dar El-Maskhara, Wadi Garawi, Wadi Hoff, Wadi Rishrash, Wadi Um-Girfan.

DATES OF COLLECTION: April to June.

***Spogostylum candidum* (Sack, 1909)**

Psamatamoeba candida Sack, 1909: 538. Type locality: Iran.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. OR: Pakistan. PA: Egypt, Iran, Turkey, United Arab Emirates.

EGYPTIAN LOCALITIES: Eastern Desert: Abu-Sueir, Geneifa, Wadi Garawi, Wadi Morrah; Sinai: El-Arish, Bir Tarfah, Gebel Moussa, Hagar Bardeyia, Rafah, Wadi El-Arbaein, Wadi El-Rabba, Wadi Firan, Wadi Garagneyia, Wadi Isla, El-Zawatein; Fayoum; Gebel Elba.

DATES OF COLLECTION: March to August.

Spogostylum efflatouni Paramonov, 1957

Spogostylum efflatouni Paramonov, 1957: 147. Type locality: Egypt (Eastern Desert: Wadi Digla).

Spogostylum sergeiae Hull, 1973: 441. Unnecessary new replacement name for *Spogostylum efflatouni* Paramonov, 1957.

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Digla.

DATES OF COLLECTION: April to June.

Spogostylum griseipenne (Macquart, 1850)

Exoprosopa griseipennis Macquart, 1850: 408(104). Type locality: Egypt.

DISTRIBUTION: AF: Mauritania, Niger. PA: Egypt, Iraq, Israel, Libya, Palestine (West Bank), Saudi Arabia, Tunisia, United Arab Emirates.

EGYPTIAN LOCALITIES: Lower Nile Valley: Ebn Salam (Mansourah); Western Desert: Kharga; Fayoum: Kom Osheem.

DATES OF COLLECTION: April to November.

Spogostylum hamadnallahi El-Hawagry, 2002

Spogostylum hamadnallahi El-Hawagry, 2002: 6. Type locality: Egypt (Sinai: Wadi Garagneyia) [H in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Wadi Garagneyia.

DATES OF COLLECTION: August.

Spogostylum hippolyta (Wiedemann, 1828)

Anthrax hippolyta Wiedemann, 1828: 287. Type locality: Egypt or Sudan [as "Nubien"].

Argyrozoa dedecor Hermann, 1907: 197. Type locality: Turkey.

Anthrax villosa Klug in Hull, 1973: 441. *Nomen nudum*.

DISTRIBUTION: AF: Eritrea, Gambia, Guinea, Mali, Mauritania, Senegal, Sudan. PA: Egypt, Iran, Israel, Libya, Tajikistan, Turkey, Turkmenistan.

EGYPTIAN LOCALITIES: Coastal Strip: Hammam; Western Desert: Kharga; Sinai: Moweilah.

DATES OF COLLECTION: September.

Spogostylum incisurale (Macquart, 1840)

Anthrax incisuralis Macquart, 1840: 57 [1841: 335]. Type locality: South Africa (Western Cape).

Anthrax biappendiculata Macquart, 1855: 95(75). Type locality: South Africa (Western Cape).

Anthrax mixta Loew, 1860a: 89. Type locality: Namibia [as "Swakop"].

Molybdamoeba incisuralis var. *inquirenda* Bezzi, 1912: 618 Type locality: Malawi [as "North Nyasa"].

Argyramoeba incisuralis f. *aridicola* Hesse, 1956a: 462. Type locality: South Africa (Northern Cape).

Argyramoeba incisuralis f. *glaucescens* Hesse, 1956a: 462. Type locality: South Africa (Eastern Cape).

Argyramoeba incisuralis f. *fumosa* Hesse, 1956a: 463. Type locality: South Africa (Western Cape).

DISTRIBUTION: AF: Botswana, Egypt [as "Gebel Elba"], Lesotho, Malawi, Mozambique, Namibia, South Africa, Tanzania, Uganda, Zambia, Zimbabwe. PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Alexandria, Nuzha, Ramleh; Lower Nile Valley: Abu-Rawash, Barrage, Borgash, Faraskour, Kafr Hakim, Katta, Kirdassa, Mansouriah, Ezbet Nakhl; Eastern Desert: Gebel Asfar, Ismailia, Wadi Garawi, Wadi Um-Elik; Fayoum: Kom Osheem; Sinai: Wadi El-Lega, Wadi Firan; Gebel Elba.

DATES OF COLLECTION: April to September.

***Spogostylum isis* (Meigen, 1820)**

Anthrax isis Meigen, 1820: 164. Type locality: "Oesterreich" [probably = Austria].

Anthrax subnotata Walker, 1871a: 262. Type locality: Egypt (Mount Sinai). Preoccupied by Wiedemann, 1820.

DISTRIBUTION: AF: ?Mali. PA: Algeria, Armenia, Austria, Azerbaijan, Belgium, Croatia, Cyprus, Egypt, France, Greece, Gruzia, Israel, Italy, Kazakhstan, Kyrgyz Republic, Libya, Macedonia, Malta, Morocco, Portugal, Saudi Arabia, Spain, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout; Lower Nile Valley: Kafr Hakim, Kirdassa; Eastern Desert: Abu-Sueir, Fayed, Geneifa, Wadi Gharagid, Wadi Ibtadi, Wadi Um-Girfan, Wadi Zohleiga; Sinai: Wadi El-Arbaein, Wadi Isla, Wadi Tlah.

DATES OF COLLECTION: April to August.

***Spogostylum niphias* (Hermann, 1907)**

Argyromoeba niphias Hermann, 1907: 194. Type locality: Transcaspien.

Spogostylum niphias var. *bilineata* Engel, 1936: 448. Type locality: Israel.

DISTRIBUTION: AF: Eritrea, Mauritania, Somalia, Yemen. OR: Pakistan.
PA: Egypt, Israel, Oman, Saudi Arabia, Tajikistan, Turkey,
Turkmenistan.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout; Lower Nile Valley:
Barrage, Helwan, Mansouriah, Tisfa; Eastern Desert: Wadi Garawi,
Wadi Girfan, Wadi Ibtadi.

DATES OF COLLECTION: April to August.

Spogostylum ocyale (Wiedemann, 1828)

Anthrax ocyale Wiedemann, 1828: 285. Type locality: Egypt or Sudan
[as "Nubien"].

Anthrax umbra Walker, 1849: 245. Type locality: Not given.

Spogostylum arugotense Zaitzev, 1997: 909 [653]. Type locality: Israel.

DISTRIBUTION: AF: Somalia, Sudan, Yemen. PA: Egypt, Iran, Israel,
Jordan, Libya, Oman, Palestine (West Bank), Saudi Arabia, United
Arab Emirates.

EGYPTIAN LOCALITIES: Coastal Strip: Amriah, Matrouh, Mex, Nuzha,
Salloum; Lower Nile Valley: Barrage, Borgash, Helwan, Kirdassa;
Fayoum; Eastern Desert: Gubbet El-Bous, Wadi Digla, Wadi Hoff;
Western Desert: Dakhla; Upper Nile Valley: Abu-Simbel, El-Minya;
Sinai: El-Arish, Wadi Firan, Wadi Isla, Wadi Moueilah.

DATES OF COLLECTION: January to October.

Spogostylum sordidum Sack, 1909

Spongostylum sordidum Sack, 1909: 514. Type locality: Iran.

Spongostylum antiopa Bezzi, 1925: 221. Type locality: Egypt (Coastal
Strip: Mariout) [H in ESEC].

DISTRIBUTION: PA: Afghanistan, Egypt, Iran, Oman, Saudi Arabia,
Tajikistan, Turkmenistan, Uzbekistan.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout, Matrouh, Nuzha,
Salloum; Eastern Desert: Wadi Digla, Wadi Hoff; Sinai: El-Arish.

DATES OF COLLECTION: January to September.

Spogostylum tripunctatum (Pallas in Wiedemann 1818)

Anthrax tripunctata Pallas in Wiedemann, 1818: 13. *Nomen nudum*.

Anthrax tripunctata Wiedemann in Meigen, 1820: 166. Type locality:
Russia.

Anthrax difficilis Wiedemann in Meigen, 1820: 167. Type locality:
Croatia [as "Dalmatien"].

Spogostylum mystaceum Macquart, 1840: 53]. Type locality: Egypt.

DISTRIBUTION: PA: Afghanistan, Albania, Algeria, Armenia, Austria,
Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, Egypt, France,

Greece (incl. Ithaca), Gruzia, Israel, Italy, Kyrgyz Republic, Libya, Macedonia, Malta, Moldova, Morocco, Russia, Spain, Switzerland, Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan.

EGYPTIAN LOCALITIES: Lower Nile Valley: Ezbet El-Nakhl, Mansouriah; Fayoum.

DATES OF COLLECTION: March to June.

Spogostylum ventrale Bezzi, 1924

Spogostylum ventrale Bezzi, 1924a: 174. Type locality: Kenya & Ethiopia [as "South Abyssinia].

DISTRIBUTION: AF: Eritrea, Ethiopia, Kenya, Yemen. PA: Egypt, Oman.

EGYPTIAN LOCALITIES: Sinai: Wadi El-Arbaein.

DATES OF COLLECTION: May to July.

Anthrax volitans Wiedemann, 1828

Anthrax volitans Wiedemann, 1828: 566. Type locality: Egypt or Sudan [as "Nubien"].

DISTRIBUTION: AF: Sudan. PA: Egypt.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Tribe **APHOEBANTINI** Becker

Genus **APHOEBANTUS** Loew

Aphoebantus Loew, 1872: 77. Type species: *Aphoebantus cervinus* Loew, 1872, by monotypy.

Triodites Osten Sacken, 1877: 245. Type species: *Triodites mus* Osten Sacken, 1877, by monotypy. Preoccupied by Gistel, 1848.

Triodina Hull, 1973: 322 (as subgenus of *Aphoebantus* Loew). New replacement name for *Triodites* Osten Sacken, 1877. Type species: *Triodites mus* Osten Sacken, 1877, automatic.

Meganedys Hull, 1973: 322 (as subgenus of *Aphoebantus* Loew). Type species: *Aphoebantus petiolata* Hull, 1973, by original designation.

Aphoebantus wadensis Bezzi, 1925

Aphoebantus wadensis Bezzi, 1925: 208. Type locality: Egypt (Wadi Hoff, Wadi Rishrash) [L & PL designated by El-Hawagry (2007: 49) in ESEC].

DISTRIBUTION: PA: Egypt, Israel.
EGYPTIAN LOCALITIES: Eastern Desert: Common in all Wadies of the desert; Sinai: Ein Gedeirat, Wadi El-Lega.
DATES OF COLLECTION: March to May.

Genus **CONONEDYS** Hermann

Cononedys Hermann, 1907: 197. Type species: *Anthrax stenura* Loew, 1871, by original designation.

Conogaster Hermann, 1907: 199. Type species: *Conogaster erythraspis* Hermann, 1907, by monotypy. Preoccupied by Brauer & Bergenstamm, 1891.

Cononedys bilobatoides El-Hawagry, 2007

Cononedys bilobatoides El-Hawagry, 2007: 50. Type locality: Egypt (South Sinai: Wadi Tlah “= Wadi Itlah”) [H in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Wadi El-Arbaein, Wadi El-Garagneyia, Wadi Tlah.

DATES OF COLLECTION: May to August.

Cononedys dichromatopa (Bezzi, 1925)

Aphoebantus dichromatopus Bezzi, 1925: 207. Type locality: Egypt (Mariout) [L & 2PL designated by El-Hawagry (2007: 51) in ESEC].

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout district from Amriah to Hammam; Sinai: Ein Gedeirat.

DATES OF COLLECTION: March and April.

Cononedys efflatouni (Bezzi, 1925)

Aphoebantus efflatouni Bezzi, 1925: 205. Type locality: Egypt (Mariout, Wadi Hoff, Wadi Rishrash) [L & 3PL designated by El-Hawagry (2007: 52) in ESEC].

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout; Eastern Desert: Wadies of the desert from south east of Cairo to Qusseir; Sinai: Ein Gedeirat, Kossayema, Wadi El-Arbaein.

DATES OF COLLECTION: March to May.

Cononedys escheri (Bezzi, 1908)

Aphoebantus escheri Bezzi, 1908a: 28. Type locality: Algeria.

DISTRIBUTION: PA: Algeria, Egypt, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Burg El-Arab, Hammam, Mariout, Matrouh.

DATES OF COLLECTION: March to May.

Tribe **EXOPROSOPINI** Becker

Genus **EXOPROSOPA** Macquart

Exoprosopa Macquart, 1840: 35. Type species: *Anthrax pandora* Fabricius, 1805, by subsequent designation.

Litorhynchus Macquart, 1840: 78. Type species: *Litorhynchus hamatus* Macquart, 1840 [= *Anthrax heros* Wiedemann, 1819], by subsequent designation (Coquillett, 1910: 562).

Trinaria Mulsant, 1852a: 20 [1852b: 180]. Type species: *Anthrax interrupta* Mulsant, 1852 [preoccupied, = *Anthrax rutila* Pallas & Wiedemann, 1818], by subsequent designation (Coquillett, 1910: 617).

Argyrospila Rondani, 1856: 162, 202. Type species: *Anthrax jaccus* Fabricius, 1805, by original designation (as "jaccus").

Defilippia Lioy, 1864: 733. Type species: *Anthrax minos* Meigen, 1804, by subsequent designation (Griffini, 1896: 42).

Litorrhynchus Verrall in Scudder, 1882: 192. Unjustified emendation of *Litorhynchus* Macquart, 1840. Type species: *Litorhynchus hamatus* Macquart, 1840 [= *Anthrax heros* Wiedemann, 1819], automatic.

Exoptata Coquillett, 1887: 13 (as subgenus of *Exoprosopa* Macquart). Type species: *Exoprosopa divisa* Coquillett, 1887, by monotypy.

Cladodisca Bezzi, 1922a: 105 (as subgenus of *Exoprosopa* Macquart). Type species: *Exoprosopa munda* Loew, 1869, by monotypy.

Litomyza Hull, 1973: 426. Type species: *Litorhynchus hamatus* Macquart, 1840 [= *Anthrax heros* Wiedemann, 1819], by subsequent designation (Evenhuis, 1991: 48). *Nomen nudum*.

Argyrospyla. Incorrect original spelling of *Argyrospila* (Rondani, 1856: 162).

Exoprosopa ammophila Paramonov, 1931

Exoprosopa ammophila Paramonov, 1931: 91. Type locality: Egypt

(Gebel Elba) [H in CUE].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan.

EGYPTIAN LOCALITIES: Gebel Elba.

DATES OF COLLECTION: March to May.

Exoprosopa biguttata (Macquart, 1834)

Anthrax biguttata Macquart, 1834: 409. Type locality: Cape Verde Island.

Exoprosopa notabilis Macquart, 1840: 43. Type locality: Senegal.

Exoprosopa tewfiki Paramonov, 1931: 89. Type locality: Egypt [H (destroyed) in ESCE].

DISTRIBUTION: AF: Benin, Cape Verde Island, Chad, Egypt [as "Gebel Elba"], Eritrea, Ethiopia, Ghana, Ivory Coast, Mali, Mauritania, Niger, Nigeria, Senegal, Sudan. PA: Egypt, Oman, Saudi Arabia.

EGYPTIAN LOCALITIES: Sinai: Wadi El-Lega, Wadi Firan, Wadi Garagneyia; Gebel Elba: Wadi Edeib.

DATES OF COLLECTION: February to August.

Exoprosopa circeoides Paramonov, 1928

Exoprosopa circeoides Paramonov, 1928: 217(39). Type locality: Egypt [3S (destroyed) in ESCE].

Exoprosopa circeoides var. *nigrofasciata* Paramonov, 1928: 218(40). Type locality: Egypt [2S (destroyed) in ESCE].

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Lower Nile Valley: Barrage, Ezbet Nakhl, Faraskour; Eastern Desert: Wadi Zohleiga.

DATES OF COLLECTION: March to September.

Exoprosopa decrepita (Wiedemann, 1828)

Anthrax decrepita Wiedemann, 1828: 564. Type locality: Egypt or Sudan [as "Nubien"].

Exoprosopa albifacies Paramonov, 1928: 205(27). Type locality: Egypt [3S (destroyed) in ESCE].

Exoprosopa aegyptiaca Paramonov, 1928: 205(27). Type locality: Egypt [2S (destroyed) in ESCE].

Exoprosopa flava Paramonov, 1928: 230(52). Type locality: Egypt [2S in ESEC].

Exoprosopa verna Greathead, 1970: 115. Type locality: Chad.

DISTRIBUTION: AF: Chad, Egypt [as "Gebel Elba"], Senegal, Sudan. PA: Egypt, Israel, Saudi Arabia.

EGYPTIAN LOCALITIES: Lower Nile Valley: Barrage, Borgash, Kafr Hakim, Kirdassa, Mansouriah; Eastern Desert: Ismailia, Kassassein,

Wadi Digla, Wadi Garawi, Wadi Hoff, Wadi Um-Elik; Western Desert: Dahshour; Gebel Elba.
DATES OF COLLECTION: March to September.

Exoprosopa disrupta Walker, 1871

Exoprosopa disrupta Walker, 1871a: 261. Type locality: Sudan (Hor Tamanib).

Exoprosopa lacerata Engel, 1936: 490. Type locality: Egypt (Gebel Elba) [2S (destroyed) in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Eritrea, Senegal, Somalia, Sudan, Yemen. OR: ?India.

EGYPTIAN LOCALITIES: Gebel Elba: Wadi Edeib, Wadi Kanssissrob.

DATES OF COLLECTION: January and February.

Exoprosopa efflatounbeyi Paramonov, 1928

Exoprosopa efflatounbeyi Paramonov, 1928: 226(48). Type locality: Egypt [H in ESEC].

DISTRIBUTION: AF: Yemen. PA: Egypt, Saudi Arabia.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Digla.

DATES OF COLLECTION: August.

**Remark:* Lambkin *et al.* (2003) proposed the transfer of this species to genus *Balaana* Lambkin & Yeates.

Exoprosopa efflatouni Bezzi, 1925

Exoprosopa efflatouni Bezzi, 1925: 240. Type locality: Egypt (Marg, Wadi Hoff) [2S (destroyed) in ESCE].

Exoprosopa dulcis Austen, 1936: 199. Type locality: Pakistan (Quetta).

DISTRIBUTION: AF: Eritrea, Mali, Sudan, Yemen. OR: India

(Maharashtra), Pakistan. PA: Algeria, Egypt, Iran, Israel, Saudi Arabia.

EGYPTIAN LOCALITIES: Lower Nile Valley: Marg; Sinai: El-Arish, Ein Gedeirat, Gebel Moussa, Rafah; Eastern Desert: Wadies south east of Cairo.

DATES OF COLLECTION: May to August.

**Remark:* Lambkin *et al.* (2003) proposed the transfer of this species to genus *Defilippia* Liroy 1864.

Exoprosopa minoana Paramonov, 1928

Exoprosopa minoana Paramonov, 1928: 247(69). Type locality: Egypt (Kirdassa) [H (destroyed) in ESCE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Lower Nile Valley: Kirdassa.

DATES OF COLLECTION: April.

Exoprosopa minos (Meigen, 1804)

Anthrax minos Meigen, 1804: 207. Type locality: France.

Anthrax semialba Pallas & Wiedemann in Wiedemann, 1818: 14. Type locality: Kazakhstan [as "In australioribus deserti caspici ad Irтин"].

Nemotelus sideratus Pallas in Wiedemann, 1818: 14. *Nomen nudum*.

Anthrax germari Wiedemann, 1818: 14. *Nomen nudum*.

Nemotelus quadricinctus Pallas in Wiedemann, 1818: 14. *Nomen nudum*.

Anthrax germari Wiedemann in Meigen, 1820: 175. Type locality:

Croatia [as "Spalatro in Dalmatien"] & Russia [as "Südrussland"].

Anthrax senilis Klug, 1832: pl. 30, fig. 10. Type locality: Syria.

Exoprosopa albiventris Macquart, 1840: 39. Type locality: Greece (Chios [as "Scio"]).

DISTRIBUTION: PA: Algeria, Armenia, Austria, Azerbaijan, Croatia, Czech Republic, Egypt, France, Germany, Greece (incl. Chios, Rhodes), Gruzia, Hungary, Iran, Israel, Italy (incl. Sardinia, Sicily), Kazakhstan, Kyrgyz Republic, Lebanon, Libya, Moldova, Morocco, Palestine (West Bank), Poland, Romania, Russia, Slovakia, Spain, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan.

EGYPTIAN LOCALITIES: Common in all Egyptian zones except Gebel Elba.

DATES OF COLLECTION: April to August.

**Remark*: Lambkin *et al.* (2003) proposed the transfer of this species to genus *Defilippia* Lioy 1864.

Exoprosopa nigrifera Walker, 1871

Exoprosopa nigrifera Walker, 1871a: 261. Type locality: Egypt.

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: St. Catherine.

DATES OF COLLECTION: May to July.

Exoprosopa pharaonis Paramonov, 1928

Exoprosopa pharaonis Paramonov, 1928: 260(82). Type locality: Egypt [3S (destroyed) in ESCE].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Mali, Sudan. PA: Egypt, Oman, Saudi Arabia, Tunisia.

EGYPTIAN LOCALITIES: Eastern Desert: Ismailia, Wadi Digla; Gebel Elba: Wadi Akwametri, Wadi Edeib.

DATES OF COLLECTION: March to August.

Exoprosopa zanoni Bezzi, 1922

Exoprosopa zanoni Bezzi, 1922b: 143. Type locality: Libya.

DISTRIBUTION: PA: Egypt, Libya.

EGYPTIAN LOCALITIES: Coastal Strip: Abu-Mina.

DATES OF COLLECTION: March.

Genus **HETERALONIA** Rondani

Mima Meigen, 1820: 175. Type species: *Anthrax phaeoptera*

Wiedemann, 1820, by sub-sequent designation (Coquillett, 1910: 570).

Heteralonia Rondani, 1863: 57 [1864: 57]. Type species: *Exoprosopa oculata* Macquart, 1840 (as "*occulta*"), by monotypy.

Subgenus **ACRODISCA** Bezzi

Acrodisca Bezzi, 1921a: 138, 139 (as subgenus of *Exoprosopa* Macquart). Type species: *Exoprosopa angulata* Loew, 1860, by subsequent designation (Bezzi, 1924a: 234).

Heteralonia (Acrodisca) serpentata (Loew, 1854)

Exoprosopa serpentata Loew, 1854: 4. Type locality: Egypt or Sudan [as "Nubien"].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Eritrea, Ethiopia, Sudan.

PA: Egypt.

EGYPTIAN LOCALITIES: Very common in Egypt.

DATES OF COLLECTION: January to August.

Subgenus **HOMOLONIA** Bowden

Homolonia Bowden, 1975: 319. Type species: *Anthrax megerlei* Meigen, 1820, by original designation.

Heteralonia (Homolonia) aegina (Wiedemann, 1828)

Anthrax aegina Wiedemann, 1828: 563. Type locality: Egypt & Sudan [as "Nubien"].

Anthrax ferruginea Klug, 1832: pl. 30, fig. 4. Type locality: Egypt & Sudan.

Exoprosopa bovei Macquart, 1840: 41. Type locality: Egypt.

DISTRIBUTION: AF: Djibouti, Egypt [as "Gebel Elba"], Sudan. PA: Armenia, Azerbaijan, Egypt, Gruzia, Israel, Kyrgyz Republic, Saudi Arabia, Syria, Tajikistan, Turkmenistan, Uzbekistan, Yemen.

EGYPTIAN LOCALITIES: Common in all desert regions.

DATES OF COLLECTION: March to September.

Heteralonia (Homolonia) megerlei (Meigen, 1820)

Anthrax vespertilio Hoffmanssegg in Wiedemann, 1818: 11. *Nomen nudum*.

Nemotelus nycteus Pallas in Wiedemann, 1818: 11. Unavailable; name proposed in synonymy and not made available before 1961.

Anthrax megerlei Meigen, 1820: 174. Type locality: Austria.

Anthrax vespertilio Wiedemann in Meigen, 1820: 178. Type locality: probably Russia [as "südlichen Taurien"].

Exoprosopa consanguinea Macquart, 1840: 44 [1841: 322]. Type locality: Gambia or Senegal.

Anthrax egyptiaca Macquart, 1840: 71 [1841: 349]. Type locality: Egypt.

Anthrax campicola Eversmann, 1855: 203. Type locality: Kazakhstan.

Exoprosopa mayeti Bigot, 1888: 9. Type locality: Tunisia.

Anthrax aegyptiacus Bezzi in Becker, Bezzi, Bischof, Kertész & Stein, 1903: 174. Unjustified emendation of *Anthrax egyptiaca* Macquart, 1840.

Exoprosopa compar Bezzi, 1924a: 255. Type locality: Nigeria.

Exoprosopa deserticola Paramonov, 1928: 224(46). Type locality: Israel.

Exoprosopa megerlei ssp. *turanica* Paramonov, 1928: 244(66). Type locality: Iran & Turkistan [Probably "between Iraq and Turkey"].

Exoprosopa conspicienda Austen, 1937: 169. Type locality: Israel & Palestine (Gaza Strip).

DISTRIBUTION: AF: Chad, Egypt [as "Gebel Elba"], Gambia, Ghana, Mauritania, Niger, Nigeria, Senegal, Sudan, Yemen. OR: Pakistan. PA: Albania, Armenia, Austria, Azerbaijan, Bulgaria, Croatia, Cyprus, Egypt, France, Greece (incl. Corfu, Zakynthos), Gruzia, Iran, Israel, Italy (incl. Sardinia, Sicily), Kazakhstan, Kyrgyz Republic, Libya, Macedonia, Malta, Moldova, Oman, Palestine (Gaza Strip), Romania, Russia, Saudi Arabia, Slovenia, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Very common, almost everywhere in Egypt.
DATES OF COLLECTION: April to September.

Heteralonia (Homolonia) vesperugo (Costa, 1893)

Exoprosopa vesperugo Costa, 1893: 101. Type locality: Tunisia.

DISTRIBUTION: PA: Egypt, Libya, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Amriah, El-Burg, Mariout, Nuzha; Eastern Desert: Ismailia, Wadi Hoff.

DATES OF COLLECTION: March to October.

Subgenus **ISOTAMIA** Bezzi

Isotamia Bezzi, 1912: 606, 627 (as genus). Type species: *Isotamia daveyi* Bezzi, 1912, by original designation.

Francoisia Hesse, 1952: 1 (as genus). Type species: *Francoisia sulcifacies* Hesse, 1952 [= *Isotamia daveyi* Bezzi, 1912], by original designation.

Ogilviella Paramonov, 1954: 26 (as genus). Type species: *Ogilviella tridentate* Paramonov, 1954 [= *Isotamia daveyi* Bezzi, 1912], by monotypy.

Stenolonia Bowden, 1975: 319. Type species: *Exoprosopa loxospila* Hesse, 1956, by original designation.

Heteralonia (Isotamia) spiloneura Bezzi, 1926

Exoprosopa spiloneura Bezzi, 1926: 271. Type locality: Egypt (Assiout) [H in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Lower Nile Valley: Giza, Mazghouna; Fayoum: Fayoum Road; Upper Nile Valley: Assiout.

DATES OF COLLECTION: March to July.

Subgenus **MESOCLIS** Bezzi

Mesoclis Bezzi, 1921a: 139 (as subgenus of *Exoprosopa* Macquart).
Type species: *Anthrax pygmalion* Fabricius, 1805, by monotypy.

Heteralonia (Mesoclis) pygmalion (Fabricius, 1805)

Anthrax pygmalion Fabricius, 1805: 124. Type locality: Algeria [as

"Algiriae"].

Exoprosopa varinevris Macquart, 1840: 41. Type locality: Algeria or Morocco [as "D.'Alger"].

Exoprosopa zona Bigot, 1860: viii. *Nomen nudum*.

Exoprosopa zona Bigot, 1861: 773. Type locality: Italy (Sicily).

Exoprosopa delineata Becker, 1906c: 150. Type locality: Tunisia.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Algeria, France (Corsica), Italy (incl. Sicily), Libya, Morocco, Tunisia.

EGYPTIAN LOCALITIES: Gebel Elba.

DATES OF COLLECTION: March and April.

Subgenus **ZYGODIPLA** Bezzi

Zygodipla Bezzi, 1924a: 244 (as subgenus of *Exoprosopa* Macquart).

Type species: *Anthrax algira* Fabricius, 1794, by original designation.

Corycetta Hull, 1973: 413 (as subgenus of *Exoprosopa* Macquart). Type species: *Exoprosopa subfasciata* Engel, 1936, by original designation.

Heteralonia (Zygodipla) algira (Fabricius, 1794)

Anthrax algira Fabricius, 1794: 258. Type locality: Algeria or Tunisia [as "Barbaria"].

Anthrax sicula Macquart, 1834: 401. Type locality: Italy (Sicily).

Exoprosopa archimedeae Bigot, 1860: viii. *Nomen nudum*.

Exoprosopa archimedeae Bigot, 1861: 774. Type locality: Italy (Sicily).

DISTRIBUTION: PA: Afghanistan, Algeria, Egypt, France, Greece, Iran, Italy (incl. Sicily), Morocco, Spain, Tajikistan, Tunisia, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: Matrouh; Fayoum.

DATES OF COLLECTION: May.

Heteralonia (Zygodipla) bagdadensis (Macquart, 1940).

Anthrax bagdadensis Macquart, 1840: 43 [1841: 321]. Type locality: Iraq.

Exoprosopa subfasciata Loew, 1871: 158. *Nomen nudum*.

Exoprosopa clausa Becker & Stein, 1912: 604. *Nomen nudum*.

Exoprosopa clausa Becker in Becker & Stein, 1913: 560. Type locality: Iran.

DISTRIBUTION: PA: Armenia, Azerbaijan, Egypt, Iran, Iraq, Israel, Mongolia, Oman, Palestine (West Bank), Saudi Arabia, United Arab Emirates.

EGYPTIAN LOCALITIES: Lower Nile Valley: Kafr Hakim; Eastern Desert: Ismailia, Wadi Shakra; Western Desert: Gebel Oweinat.

DATES OF COLLECTION: March to May.

Heteralonia (Zygodipla) bezzii (Paramonov, 1928)

Exoprosopa bezzii Paramonov, 1928: 213(35). Type locality: Egypt [2S (destroyed) in ESCE].

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Digla, Wadi Um-Elik, Wadi Um-Girfan.

DATES OF COLLECTION: April to August.

Heteralonia (Zygodipla) mucorea (Klug, 1832)

Anthrax mucorea Klug, 1832: pl. 30, fig. 6. Type locality: Saudi Arabia [as "Arabia deserta"].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Afghanistan, Algeria, Egypt, Iran, Kuwait, Kyrgyz Republic, Oman, Saudi Arabia, Syria, Tajikistan, Tunisia, Turkmenistan, United Arab Emirates, Uzbekistan.

EGYPTIAN LOCALITIES: Very common, almost everywhere in Egypt.

DATES OF COLLECTION: April to October.

Heteralonia (Zygodipla) olivierii (Macquart, 1840)

Exoprosopa olivierii Macquart, 1840: 42 [1841: 320]. Type locality: Arabia [as "Arabie"].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Yemen. PA: Egypt, Israel, Palestine (West Bank), Saudi Arabia, United Arab Emirates.

EGYPTIAN LOCALITIES: Coastal Strip: Abu-Kir; Lower Nile Valley: Kirdassa, Ezbet Nahkl, Pyramids; Gebel Elba.

DATES OF COLLECTION: March to June.

Heteralonia (Zygodipla) rivulosa (Becker, 1902)

Exoprosopa rivulosa Becker, 1902: 26. Type locality: Egypt.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Egypt, Iran, Israel, Turkey.

EGYPTIAN LOCALITIES: Very common, almost everywhere in Egypt.

DATES OF COLLECTION: March to May.

Genus **LIGYRA** Newman

Ligyra Newman, 1841: 220. Type species: *Anthrax bombylifomis* Macleay, 1826, by monotypy.

Velocia Coquillett, 1886: 158. Type species: *Anthrax cerberus* Fabricius, 1794, by original designation. Preoccupied by Robineau-Desvoidy, 1863.

Paranthrax Paramonov, 1931: 57(57). Type species: *Paranthrax africanus* Paramonov, 1931 [= *Hyperalonia niveifrons* Bezzi, 1914], by monotypy. Preoccupied by *Paranthrax* Bigot, 1876.

Paranthracina Paramonov, 1933b: 56. New replacement name for *Paranthrax* Paramonov, 1931. Type species: *Paranthrax africanus* Paramonov, 1931 [= *Hyperalonia niveifrons* Bezzi, 1914], automatic.

Ligyra helena (Loew, 1854)

Exoprosopa helena Loew, 1854: 3. Type locality: Egypt or Sudan [as "Nubien"].

Exoprosopa gloriosa Walker, 1871a: 260. Type locality: Ethiopia.

DISTRIBUTION: AF: Chad, Eritrea, Kenya, Sudan. PA: ?Egypt.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Genus **MICOMITRA** Bowden

Micomitra Bowden, 1964: 147. Type species: *Exoprosopa parvicellula* Bezzi, 1921, by original designation.

Micomitra pharao (Paramonov, 1928)

Exoprosopa pharao Paramonov, 1928: 260(82). Type locality: Egypt.

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Ismailia.

DATES OF COLLECTION: August.

Micomitra stupida (Rossi, 1790)

Bibio stupida Rossi, 1790: 277. Type locality: Italy.

Anthrax rhadamanthus Meigen, 1804: 208. Type locality: France.

Anthrax chalcoides Pallas & Wiedemann in Wiedemann, 1818: 17. Type locality: Russia [as "in australioribus deserti Caspii"].

Anthrax vitriecosta Walker, 1849: 251. Type locality: Palaearctic [locality not given].

Anthrax vitreicosta Walker, 1849: 1154. Unjustified emendation of *Anthrax vitriecosta* Walker, 1849: 251.

Anthrax squamea Mulsant, 1852: 21. Type locality: France.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Armenia, Austria, Azerbaijan, Egypt, Finland, France, Germany, Greece (incl. Naxos), Gruzia, Hungary, Iran, Israel, Italy (incl. Sardinia, Sicily), Kazakhstan, Kyrgyz Republic, Libya, Poland, Portugal, Romania, Russia, Spain, Sweden, Switzerland, Tajikistan, Turkey, Turkmenistan, Uzbekistan.

EGYPTIAN LOCALITIES: Lower Nile Valley: Around Cairo, Barrage, Helwan; Eastern Desert: Ismailia; Fayoum; Sinai: South Sinai; Gebel Elba.

DATES OF COLLECTION: March to September.

Genus **PTEROBATES** Bezzi

Pterobates Bezzi, 1921a: 130 (as subgenus of *Exoprosopa* Macquart).
Type species: *Anthrax apicalis* Wiedemann, 1821, by monotypy.

Pterobates chalybaeus (Röder, 1887)

Exoprosopa chalybaea Röder, 1887: 75. Type locality: Lebanon.

DISTRIBUTION: PA: Egypt, Israel, Lebanon, Saudi Arabia, Syria.

EGYPTIAN LOCALITIES: Sinai: Wadi Isla.

DATES OF COLLECTION: July.

Pterobates chrysogaster (Bezzi, 1926)

Exoprosopa chrysogaster Bezzi, 1926: 269. Type locality: Egypt [H (destroyed) in ESCE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Digla, Wadi Garrariyat.

DATES OF COLLECTION: June to August.

Tribe **PROROSTOMATINI** Hull

Genus **STOMYLOMYIA** Bigot

Stomylomyia Bigot, 1887: xxxi. Type-species: *Stomylomyia leonine* Bigot, 1887 [= *Tomomyza europaea* Loew, 1869], by monotypy.

***Stomylomyia aegyptiaca* Bezzi, 1925**

Stomylomyia europaea var. *aegyptiaca* Bezzi, 1925: 201. Type locality: Egypt (Mariout) [1S (destroyed) in ESCE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash, Kafr Hakim, Kirdassa, Mansouriah; Fayoum.

DATES OF COLLECTION: May to July.

***Stomylomyia europaea* Loew, 1869**

Tomomyza europaea Loew, 1869b: 228. Type locality: Greece (Rhodes) & Greece, Syria, or Turkey [as "Kleinasien"].

Stomylomyia leonina Bigot, 1887: xxxi. Type locality: Turkey [as "Asia minor"].

DISTRIBUTION: PA: Afghanistan, Albania, Armenia, Azerbaijan, Egypt, France, Greece (incl. Corfu, Rhodes), Gruzia, Hungary, Iran, Israel, Italy, Macedonia, Moldova, Romania, Russia, Turkey, Ukraine, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: Along all the coast; Lower Nile Valley: Abu-Rawash, Kafr Hakim; Eastern Desert: Wadi Garawi, Wadi Morrah.

DATES OF COLLECTION: March to May.

***Stomylomyia nigrirostris* Bezzi, 1925**

Stomylomyia europaea var. *nigrirostris* Bezzi, 1925: 202. Type locality: Egypt (Wadi Hoff, Mariout) [3S in ESEC].

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout; Lower Nile Valley: Abu-Rawash, Kafr Hakim, Kirdassa, Mansouriah; Eastern Desert: Wadi Hoff; Western Desert: Dahshour; Fayoum.

DATES OF COLLECTION: May to July.

***Stomylomyia pusilla* Bezzi, 1925**

Stomylomyia pusilla Bezzi, 1925: 202. Type locality: Egypt (Dahshour, Giza Pyramids, Mazghouna) [2S (1 destroyed) in ESEC].

DISTRIBUTION: PA: Armenia, Azerbaijan, Egypt, Gruzia.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash, Giza Pyramids, Kafr Hakim, Kirdassa, Mansouriah, Mazghouna; Western Desert: Dahshour; Fayoum.

DATES OF COLLECTION: May to July.

Tribe **VILLINI** Hull

Genus **CAECANTHRAX** Greathead

Caecanthrax Greathead, 1980: 322. Type species: *Anthrax inaurata* Klug, 1832, by subsequent designation (Evenhuis, 1991: 24).
Unavailable genus-group name proposed after 1930 without type species designation.

Caecanthrax Greathead, 1981: 324. Type species: *Anthrax inaurata* Klug, 1832, by original designation.

Caecanthrax arabicus Macquart, 1840

Anthrax arabica Macquart, 1840: 63. Type locality: Probably Saudi Arabia [as “d’Arabie”].

Anthrax punctum Loew, 1854: 2. Type locality: Italy. Preoccupied by Walker, 1849.

Pachyanthrax dimidiatus Greathead, 1988: 106. Type locality: Saudi Arabia.

DISTRIBUTION: OR: Pakistan. PA: Afghanistan, Armenia, Azerbaijan, France, Greece (incl. Rhodes), Gruzia, Iran, Italy, Jordan, Kyrgyz Republic, Saudi Arabia, Tajikistan, Turkey, Turkmenistan, United Arab Emirates, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Sinai: Ein Gedeirat, Wadi El-Rabba.

DATES OF COLLECTION: April to June.

Genus **EXHYALANTHRAX** Becker

Exhyalanthrax Becker, 1916: 44 (as subgenus of *Villa* Lioy). Type species: *Anthrax vagans* Loew, 1862 [= *Anthrax muscaria* Pallas, 1818], by subsequent designation (Bezzi, 1924a: 7, 192).

Tauropsis Hull, 1973: 365, 368 (as subgenus of *Thyridanthrax* Osten Sacken). Type species: *Anthrax irrorella* Klug, 1832, by original designation.

Oriellus Hull, 1973: 403 (as subgenus of *Thyridanthrax* Osten Sacken).
Type species: *Anthrax stigmula* Klug, 1832, by original designation.

Exhyalanthrax afer (Fabricius, 1794)

Anthrax afer Fabricius, 1794: 258. Type locality: Germany [as “Kiliae”].

Anthrax fimbriata Meigen, 1804: 205. Type locality: Italy.

Anthrax sirius Hoffmanssegg in Wiedemann, 1818: 12. [Unavailable; name proposed in synonymy with *Anthrax afer* Fabricius and not made available before 1961,- see Evenhuis & Greathead (1999)].

Anthrax hemipterus Pallas in Wiedemann, 1818: 12. [Unavailable; name proposed in synonymy with *Anthrax afer* Fabricius and not made available before 1961,- see Evenhuis & Greathead (1999)].

Anthrax marginalis Wiedemann in Meigen, 1820: 149. Type locality: Portugal.

Anthrax sirius Meigen, 1820: 154. [Unavailable; name proposed in synonymy with *Anthrax fimbriata* Meigen and not made available before 1961,- see Evenhuis & Greathead (1999)].

Anthrax tangerinus Bigot, 1892: 353. Type locality: Morocco.

Thyridanthrax burtti Hesse, 1956b: 619. Type locality: Kenya.

Thyridanthrax aequisexus Bowden, 1964: 112. Type locality: Ghana.

Thyridanthrax decipiens Bowden, 1964: 114. Type locality: Ghana [as "Ashanti"].

DISTRIBUTION: AF: Chad, Egypt [as "Gebel Elba"], Eritrea, Ghana, Kenya, Yemen. OR: Pakistan. PA: Afghanistan, Armenia, Austria, Azerbaijan, Belgium, Bulgaria, China (Beijing, Nei Monggol, Sichuan, Xinjiang, Xizang), Croatia, Cyprus, Czech Republic, Denmark, Egypt, France (incl. Corsica), Germany, Gibraltar, Greece (incl. Lesbos), Gruzia, Hungary, Iran, Israel, Italy (incl. Sardinia, Sicily), Kazakhstan, Kyrgyz Republic, Libya, Macedonia, Malta, Mongolia, Morocco, Netherlands, Oman, Poland, Portugal, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, Spain, Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: Alexandria, Burg El-Arab, Mariout, Matrouh; Eastern Desert: Ismailia, Wadies south east of Cairo; Gebel Elba: Wadi Edeib.

DATES OF COLLECTION: January to October.

Exhyalanthrax autumnalis (Becker, 1916)

Villa autumnalis Becker, 1916: 47. Type locality: Turkey [as "Klein-Asien"].

DISTRIBUTION: PA: Egypt, Iran, Turkey.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Hoff.

DATES OF COLLECTION: April.

Exhyalanthrax irrorellus (Klug, 1832)

Anthrax irrorella Klug, 1832: pl. 30, fig. 16. Type locality: Syria.

Anthrax inconspicua Loew, 1856: 29. Type locality: Egypt.

DISTRIBUTION: PA: Egypt, Lebanon, Libya, Syria.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Mariout; Lower Nile

Valley: Abu-Rawash, Ezbet Nakhl, Kafr Hakim, Kirdassa,

Mazghouna; Eastern Desert: Ismailia, Serapium, Suez Road, Wadies south east of Cairo; Western Desert: Kharga.

DATES OF COLLECTION: March to June.

Exhyalanthrax leucotaeniatus (Engel, 1936)

Thyridanthrax leucotaeniatus Engel, 1936: 539. Type locality: Egypt (Gebel Elba)[1S in CUE; 1S (destroyed) in ESCE].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Egypt.

EGYPTIAN LOCALITIES: Eastern desert: Wadi Garrariyat; Sinai: Wadi Garagneyia; Gebel Elba.

DATES OF COLLECTION: January to June.

Exhyalanthrax muscarius (Pallas in Wiedemann, 1818)

Anthrax muscaria Pallas in Wiedemann, 1818: 13. Type locality: Russia [as "Australibus Rossiae"].

Anthrax vagans Loew, 1862a: 81. Type locality: Italy (Sicily), Greece & Turkey [as "Kleinasien"].

Anthrax squamifera Jaennicke, 1867: 67. Type locality: France or Spain [as "Europe mer."].

Anthrax marginalis Bezzi in Becker, Bezzi, Bischof, Kertész, & Stein, 1903: 180. *Nomen nudum*.

Anthrax marginalis Loew in Kertész, 1909: 57. *Nomen nudum*.

Hemipenthes vagans var. *beckeri* Paramonov, 1927: 164. Type locality: Not given [probably = Armenia].

Thyridanthrax innocens Austen, 1936: 195. Type locality: Cyprus.

Thyridanthrax vagans var. *unistriata* Engel, 1936: 555. Type locality: Egypt (Eastern Desert) [H (destroyed) in ESEC].

Thyridanthrax amoenus Austen, 1937: 155. Type locality: Palestine (Gaza Strip).

DISTRIBUTION: OR: Pakistan. PA: Afghanistan, Armenia, Austria, Azerbaijan, Croatia, Cyprus, Egypt, France (incl. Corsica), Germany, Gibraltar, Greece (incl. Corfu, Lesbos, Rhodes), Gruzia, Hungary, Iran, Israel, Italy (incl. Sardinia, Sicily), Kyrgyz Republic, Macedonia, Moldova, Palestine (Gaza Strip), Poland, Portugal, Romania, Russia, Slovenia, Spain, Switzerland, SYRIA, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Seyalel Badia, Wadi Rishrash, Wadi Um-Girfan.

DATES OF COLLECTION: April to June.

Exhyalanthrax stigmulus (Klug, 1832)

Anthrax stigmula Klug, 1832, pl. 30, fig. 13. Type locality: Egypt.

DISTRIBUTION: PA: Armenia, Azerbaijan, Egypt, Gruzia, Iran.

EGYPTIAN LOCALITIES: Coastal Strip: Abu-Kir, Ikingi Mariout; Eastern Desert: Suez Road.

DATES OF COLLECTION: April to July.

Exhyalanthrax unicolor (Becker, 1902)

Anthrax unicolor Becker, 1902: 24. Type locality: Egypt.

DISTRIBUTION: PA: Egypt, Israel, Syria.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Dar El-Maskhara.

DATES OF COLLECTION: April.

Genus **HEMIPENTHES** Loew

Hemipenthes Loew, 1869c: 28. Type species: *Musca morio* Linnaeus, 1758, by subsequent designation (Coquillett, 1894: 90).

Isopenthes Osten Sacken, 1886a: 80, 96. Type species: *Isopenthes jaennickeana* Osten Sacken, 1886, by subsequent designation (Coquillett, 1910: 556).

Hemipenthis pauper (Becker, 1916)

Villa pauper Becker, 1916: 49. Type locality: Algeria.

Thyridanthrax triradiatus Bezzi in Rigato, 1995: 222. *Nomen nudum*.

DISTRIBUTION: PA: Algeria, Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Matrouh; Eastern Desert: Suez Road, Wadi Ibtadi, Wadi Um-Girfan; Western Desert: Cairo-Alexandria Road.

DATES OF COLLECTION: April to August.

Genus **LAMINANTHRAX** Greathead

Laminanthrax Greathead, 1967: 251. Type species: *Laminanthrax albus* Greathead, 1967 [= *Thyridanthrax chionophorus* Bezzi, 1925], by original designation.

Laminanthrax chionophorus (Bezzi, 1925)

Thyridanthrax chionophorus Bezzi, 1925: 231. Type locality: Egypt (Kirdassa & Wadi Hoff) [6S in CUE; 2S (destroyed) in ESCE].

Laminanthrax albus Greathead, 1967: 252. Type locality: Yemen.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Eritrea, Ethiopia, Yemen.
PA: Egypt.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash, Borgash, El-Mansouriah, Kafr El-Dems, Kafr Hakim, Kirdassa; Eastern Desert: Geneifa, Ismailia, Suez Road, Wadi Degla, Wadi Hoff; Gebel Elba.

DATES OF COLLECTION: May to August.

Genus **OESTRANTHRAX** Bezzi

Oestranthrax Bezzi, 1921a: 130, 172. Type species: *Anthrax obesa* Loew, 1863, by original designation.

Oestranthrax alferii Paramonov, 1931

Oestranthrax obesus ssp. *alferii* Paramonov, 1931: 101(101). Type locality: Egypt (Wadi Murrah) [H in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Abu-Sir; Eastern Desert: Ismailia, Suez Road, Wadi Morrah; Sinai: El-Arish Road.

DATES OF COLLECTION: March to September.

Oestranthrax brunnescens (Loew, 1857)

Anthrax brunnescens Loew, 1857b: 81. Type locality: Lebanon or Syria [as "Syrien"].

DISTRIBUTION: PA: Egypt, Israel, Kyrgyz Republic, Syria, Tajikistan, Turkmenistan, Uzbekistan.

EGYPTIAN LOCALITIES: Coastal Strip: Matrouh.

DATES OF COLLECTION: May.

Genus **PACHYANTHRAX** François

Pachyanthrax François, 1964: 929. Type species: *Pachyanthrax villiersi* François, 1964, by original designation.

Pachyanthrax albosegmentatus (Engel, 1936)

Thyridanthrax albosegmentatus Engel, 1936: 528. Type locality: Egypt

(Wadi Um-Girfan) [H (destroyed) in ESEC].

DISTRIBUTION: PA: Egypt, Saudi Arabia.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Um-Girfan; Sinai: Wadi El-Arbaein.

DATES OF COLLECTION: April to August.

Pachyanthrax circe (Klug, 1832)

Anthrax circe Klug, 1832: pl. 30, fig. 12. Type locality: Egypt.

DISTRIBUTION: OR: Pakistan. PA: Egypt, Saudi Arabia, United Arab Emirates.

EGYPTIAN LOCALITIES: Coastal Strip: Borg El-Arab, Mariuot; Eastern Desert: Wadi Gharaba, Wadi Hoff; Sinai: Wadi Garagneyia.

DATES OF COLLECTION: April to August.

Genus **THYRIDANTHRAX** Osten Sacken

Thyridanthrax Osten Sacken, 1886b: 113 (as subgenus of *Anthrax* Scopoli). Type species: *Anthrax selene* Osten Sacken, 1886, by subsequent designation (Coquillett, 1910: 615).

Thyridanthrax elegans elegans (Wiedemann in Meigen, 1820)

Anthrax elegans Hoffmanssegg in Wiedemann, 1818: 17. *Nomen nudum*.

Nemotelus inquinatus Pallas in Wiedemann, 1818: 17. Unavailable name; name proposed in synonymy and not made available before 1961.

Anthrax elegans Wiedemann in Meigen, 1820: 155. Type locality: Portugal & Russia [as "Südrussland"].

Anthrax varinevris Macquart, 1846: 351(223), pl. 9, fig. 14. Type locality: Palaeartic [locality not given].

Anthrax variegatus Jaenicke, 1867: 69. Type locality: Italy (Sicily). Preoccupied by Pallas, 1818.

Thyridanthrax dolgovskayae Zaitzev, 1999: 898. Type locality: Israel.

DISTRIBUTION: PA: Armenia, Austria, Azerbaijan, Bosnia- Herzegovina, Bulgaria, Croatia, Cyprus, Egypt, France (incl. Corsica), Greece (incl. Corfu, Lesbos), Gruzia, Iran, Israel, Italy (incl. Sicily), Kazakhstan, Kyrgyz Republic, Lebanon, Libya, Malta, Moldova, Mongolia, Morocco, Poland, Portugal, Russia, Spain (incl. Ibiza, Mallorca), Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: Alexandria (Ramleh), Mariout; Lower Nile Valley: Mansouriah; Eastern Desert: Geneifa, Ismailia, Kassassein, Suez Road, Wadies south east of Cairo.
DATES OF COLLECTION: April to September.

Thyridanthrax fenestratus (Fallen, 1814)

Anthrax fenestrata Fallén, 1814: 8. Type locality: Sweden.

Anthrax variegata Pallas in Wiedemann, 1818: 12. Type locality: Russia or Kazakhstan.

Anthrax ornatus Hoffmanssegg in Wiedemann, 1818: 13. Unavailable name; name proposed in synonymy and not made available before 1961.

Anthrax ornatus Curtis, 1824: 9. Type locality: England.

Anthrax nigrita var. *italica* Walker, 1849: 255. Unavailable name; name proposed in synonymy and not made available before 1961.

Hemipenthes fenestratus var. *montana* Paramonov, 1927: 175. Type locality: Armenia.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Albania, Algeria, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, China (Beijing, Nei Monggol), Croatia, Czech Republic, Denmark, Egypt, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Iran, Italy (incl. Sicily), Kazakhstan, Kyrgyz Republic, Latvia, Libya, Lithuania, Luxemburg, Macedonia, Moldova, Mongolia, Morocco, Netherlands, Norway, Poland, Portugal, Romania, Russia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, UK (Great Britain), Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: Alexandria, El-Borg, Ikingi Mariout, Salloum; Eastern Desert: Geneifa, Suez Road, Wadies south east of Cairo; Fayoum; Sinai: Wadi El-Arbaein, Wadi El-Lega, Wadi El-Rabba, Wadi Firan, Wadi Garagneyia; Gebel Elba: Mersa Halayeb, Wadi Edeib.

DATES OF COLLECTION: January to October.

Thyridanthrax griseolus (Klug, 1832)

Anthrax griseolus Klug, 1832: pl. 30, fig. 11. Type locality: Lebanon or Syria.

DISTRIBUTION: PA: Egypt, Iran, Lebanon, ?Libya, Saudi Arabia, Syria, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Abu-Kir, Alexandria, Nuzha, Ramleh; Lower Nile Valley: Borgash, El-Marg, Kafr Hakim, Katta,

Mansouriah; Eastern Desert: Geneifa, Ismailia, Serapium, Wadi Morrah; Western Desert: Dahshour.
DATES OF COLLECTION: April to October.

Thyridanthrax incanus (Klug, 1832)

Anthrax incana Klug, 1832: pl. 30, fig. 5. Type locality: Lebanon or Syria.

Anthrax testacea Macquart, 1840: 61 [1841: 339]. Type locality: Egypt and probably Saudi Arabia [as "Arabie"].

Anthrax varipennis Macquart in Lucas, 1849: 457. Type locality: Algeria.

DISTRIBUTION: OR: Pakistan. PA: Afghanistan, Algeria, Armenia, Azerbaijan, Cyprus, Egypt, France, Greece, Gruzia, Iran, Israel, Italy (incl. Sicily), Lebanon, Libya, Macedonia, Morocco, Saudi Arabia, Syria, Tunisia, Turkey, Turkmenistan, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: Alexandria, Borg El-Arab, Hammam, Matrouh, Nuzha; Eastern Desert: Ismailia, Zagazig, Wadi Hoff; Sinai: Gebel Moussa, Wadi El-Arbaein, Wadi El-Lega, Wadi El-Rabba, Wadi Firan, Wadi Garagneyia.

DATES OF COLLECTION: April to September.

Thyridanthrax lotus (Loew, 1869)

Anthrax lotus Loew, 1869b: 164. Type locality: Greece (Rhodes) & Greece, Syria, or Turkey [as "Küste Kleinasien"].

Villa confusa Becker, 1916: 47. Type locality: Greece & Syria, or Turkey [as "Klein-Asien"] & "Turkistan".

DISTRIBUTION: PA: Afghanistan, Armenia, Azerbaijan, Cyprus, Egypt, Greece (incl. Rhodes), Gruzia, Iran, Italy, Kazakhstan, Kyrgyz Republic, Spain, Tajikistan, Turkey, Turkmenistan, Uzbekistan.

EGYPTIAN LOCALITIES: Lower Nile Valley: Tisfa; Eastern Desert: Geneifa, Heliopolis, Suez Road, Wadies south east of Cairo.

DATES OF COLLECTION: February to June.

Thyridanthrax obliteratedus (Loew, 1862)

Anthrax obliteratedus Loew, 1862a: 80. Type locality: Greece.

DISTRIBUTION: PA: Armenia, Azerbaijan, Egypt, Greece, Gruzia, Iran, Italy, Kyrgyz Republic, Libya, Mongolia, Tajikistan, Turkmenistan, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: Alexandria, Mariout; Eastern Desert: Wadi Morrah.

DATES OF COLLECTION: April to August.

Thyridanthrax perspicillaris perspicillaris (Loew, 1869)

Anthrax gallus Loew, 1869b: 155. Type locality: France (Bordeaux).

Anthrax perspicillaris Loew, 1869b: 157. Type locality: Italy & Greece & probably Kazakhstan [as “Südrussland”] & Syria or Turkey [as “Klein-Asien”].

Thyridanthrax ternarius Bezzi, 1920: 108. Type locality: Ethiopia [as “Scioa”].

Thyridanthrax ternarius Bezzi, 1921a: 136. Type locality: South Africa (Northern Cape & Mpumalanga). Preoccupied by Bezzi, 1920.

Anthrax pyrroproctus Bigot in Bezzi, 1921a: 137. *Nomen nudum*.

Thyridanthrax ternarius Bezzi, 1924a: 210. Type locality: Gambia. Preoccupied by Bezzi, 1920.

DISTRIBUTION: AF: Eritrea, Ethiopia, Gambia, Ghana, Mali, Mauritania, South Africa (Eastern Cape, Mpumalanga, Northern Cape, Western Cape), Sudan. OR: Pakistan. PA: Afghanistan, Albania, Armenia, Austria, Azerbaijan, Bulgaria, Croatia, Cyprus, Egypt, France, Germany, Greece (incl. Rhodes), Gruzia, Iran, Iraq, Israel, Italy (incl. Sicily), Kazakhstan, Kyrgyz Republic, Libya, Morocco, Mongolia, Palestine (West Bank), Romania, Russia, Saudi Arabia, Spain, Tajikistan, Turkey, Turkmenistan, United Arab Emirates, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Genus **VERIBUBO** Evenhuis

Tumulus Hull, 1973: 403, 404 (as subgenus of *Thyridanthrax* Osten Sacken). Type species: *Anthrax misellus* Loew, 1869, by original designation. Preoccupied by Monterosato, 1888.

Veribubo Evenhuis, 1978c: 247. New replacement name for *Tumulus* Hull, 1973. Type species: *Anthrax misellus* Loew, 1869, automatic.

Veribubo angusteoculatus (Becker, 1902)

Anthrax angusteoculata Becker, 1902: 25 (as “*anguste-oculata*”). Type locality: Egypt.

DISTRIBUTION: PA: Egypt, Greece, Italy, Oman, Saudi Arabia, United Arab Emirates.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout.

DATES OF COLLECTION: September.

Veribubo anus (Wiedemann, 1828)

Anthrax anus Wiedemann, 1828: 564. Type locality: Egypt or Sudan [as

“Nubien”].

DISTRIBUTION: AF: Sudan. PA: Egypt, Libya, Tunisia, United Arab Emirates.

EGYPTIAN LOCALITIES: Eastern Desert: Suez Road; Western Desert: Fayoum Road, Siwa Oasis; Fayoum: Tameyia.

DATES OF COLLECTION: May to August.

Veribubo latonus (Wiedemann, 1828)

Anthrax latona Wiedemann, 1828: 567. Type locality: Egypt or Sudan [as “Nubien”].

DISTRIBUTION: AF: Sudan. PA: Egypt.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash, Borgash, Kafr Hakim, Mansouriah; Eastern Desert: Geneifa, Ismailia, Serapium, Suez Road, Wadi Digla;

DATES OF COLLECTION: May to September.

Veribubo misellus (Loew, 1869)

Anthrax misellus Loew, 1869b: 163. Type locality: Greece.

DISTRIBUTION: PA: Armenia, Azerbaijan, Egypt, Greece, Gruzia, Iran, Italy, Kyrgyz Republic, Libya, Tajikistan, Turkmenistan, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: Alexandria, Mariout, Salloum; Eastern Desert: Wadi Um-Elek.

DATES OF COLLECTION: May to September.

Veribubo semifuscus (Engel, 1936)

Thyridanthrax semifuscus Engel, 1936: 549. Type locality: Egypt (Wadi Ibtadi) [H in CUE].

DISTRIBUTION: AF: Egypt [as “Gebel Elba”]. PA: Saudi Arabia.

EGYPTIAN LOCALITIES: Gebel Elba: Wadi Ibtadi.

DATES OF COLLECTION: May to July.

Veribubo tabaninus (Bezzi, 1925)

Thyridanthrax tabaninus Bezzi, 1925: 232. Type locality: Egypt (Wadi Rishrash) [H (destroyed) in ESEC].

Thyridanthrax arabicola François, 1970: 195. Type locality: Saudi Arabia.

DISTRIBUTION: PA: Egypt, Saudi Arabia.

EGYPTIAN LOCALITIES: Eastern Desert: Wadies south east of Cairo; Sinai: Wadi Garagneyia.

DATES OF COLLECTION: March to August.

Genus **VILLA** Lioy

Villa Lioy, 1864: 732. Type species: *Anthrax concinna* Meigen, 1820 [= *Anthrax abbadon* Fabricius, 1794], by subsequent designation (Coquillett, 1910: 619).

Hyalanthrax Osten Sacken, 1886b: 112 (as subgenus of *Anthrax* Scopoli). Type species: *Anthrax faustina* Osten Sacken, 1887, by subsequent designation (Coquillett, 1910: 553).

Aspiloptera Künckel d'Hercule, 1905: 145. Type species: *Anthrax flava* Meigen, 1820 [= *Musca hottentotta* Linnaeus, 1758], by monotypy.

Protepacmus Cockerell, 1916: 94. Type species: *Protepacmus setosus* Cockerell, 1916, by monotypy.

Villa aegyptiaca Engel, 1937

Villa albida var. *aegyptiaca* Engel, 1937: 572 (key only). Type locality: Egypt (Wadi Gharaba) [L designated by El-Hawagry & Greathead, (2006: 24) in CUE]. This species was overlooked by Steyskal & El-Bialy (1967) and by Evenhuis & Greathead (1999).

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Gharaba.

DATES OF COLLECTION: April.

Villa bivirgata Austen, 1937

Villa bivirgata Austen, 1937: 137. Type locality: Israel.

DISTRIBUTION: AF: Yemen. PA: Egypt, Israel, Saudi Arabia, Syria.

EGYPTIAN LOCALITIES: Coastal Strip: Mallah, Mariout, Matrouh, Ramleh; Lower Nile Valley: Abu-Rawash, Barrage, Borgash, El-Marg, Ezbet El-Nakhl, Faraskour, Gebel Asfar, Helwan, Kafr Hakim, Katta, Kirdassa, Mansouriah; Eastern Desert: Wadies south east of Cairo; Fayoum.

DATES OF COLLECTION: March to October.

Villa cana (Meigen, 1804)

Anthrax cana Meigen, 1804: 201. Type locality: France.

Anthrax 5-fasciata Pallas in Wiedemann, 1818: 14. *Nomen nudum*.

Anthrax quinquefasciata Wiedemann in Meigen, 1820: 150. Type locality: Russia [as "Südrussland"].

Anthrax blandus Loew, 1869b: 181. Type locality: Greece [as "Makri"].

Villa inquieta Becker, 1916: 35. Type locality: France (Corsica).

Villa mus Becker, 1916: 36. Type locality: Armenia.

DISTRIBUTION: PA: Afghanistan, Algeria, Armenia, Austria, Azerbaijan, Bulgaria, Croatia, Czech Republic, Egypt, France (incl. Corsica), Greece, Gruzia, Iran, Italy (incl. Sicily), Kazakhstan, Libya, Macedonia, Malta, Moldova, Romania, Russia, Slovenia, Spain, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Hammam, Ikingi Mariout, Maamoura, Mallaha; Lower Nile Valley: Abu-Rawash, Borgash, El-Katta, Ezbet El-Nakhl, Helwan, Kafr Hakim, Kirdassa, Mansouriah, Marg; Eastern Desert: Gebel Asfar, Geneifa, Ismailia, Port Said, Suez Road; Western Desert: Dakhla Oasis, Kharga Oasis; Fayoum.

DATES OF COLLECTION: May to October.

Villa efflatouni El-Hawagry & Greathead, 2006

Villa efflatouni El-Hawagry & Greathead, 2006: 28. Type locality: Egypt (Mariout) [H in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Alexandria, Mariout; Lower Nile Valley: Faraskour; Eastern Desert: Geneifa, Ismailia, Suez Road.

DATES OF COLLECTION: April to October.

Villa micrargyra (Walker, 1871)

Anthrax micrargyra Walker, 1871a: 262. Type locality: Egypt (Cairo).

DISTRIBUTION: PA: Egypt, Saudi Arabia.

EGYPTIAN LOCALITIES: Coastal Strip: Alexandria, Burg, Mariout; Lower Nile Valley: Cairo; Eastern Desert: Ismailia, Serapium, Suez Road; Western Desert: Wadi El-Natroun; Sinai: Ein Moussa.

DATES OF COLLECTION: March to May.

Villa paniscoides Bezzi, 1912

Villa paniscoides Bezzi, 1912: 624. Type locality: Malawi [as "North Nyasa" & "West Nyasa"].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Eritrea, Ethiopia, Kenya, Malawi, Somalia, Uganda, Yemen. PA: Oman, Saudi Arabia.

EGYPTIAN LOCALITIES: Eastern Desert: Suez Road, Serapium; Sinai: Ein Gehayer (Serbal), Wadi El-Arbeine, Wadi Garagnya; Gebel Elba: Wadi Edeib.

DATES OF COLLECTION: March to September.

Villa stenozoides El-Hawagry & Greathead, 2006

Villa stenozoides El-Hawagry & Greathead, 2006: 30. Type locality: Egypt (Ezbet El-Nakhl) [H in CUE].

DISTRIBUTION: PA: Egypt.
EGYPTIAN LOCALITIES: Coastal Strip: Abu-kir; Lower Nile Valley:
Barrage, Helwan, Ezbet El-Nakhl; Fayoum: Tameyia; Western
Desert: Kharga Oasis.
DATES OF COLLECTION: April to October.

Tribe **XERAMOEBINI** Hull

Genus **DESMATONEURA** Williston

Desmatoneura Williston, 1895: 267. Type species: *Desmatoneura
argentifrons* Williston, 1895, by monotypy.
Chionamoeba Sack, 1909: 510, 543. Type species: *Bibio nivea* Rossi,
1790, by original designation.
Chiasmella Bezzi, 1924a: 156. Type species: *Chiasmella brevipennis*
Bezzi, 1924, by original designation.

Desmatoneura aegypticola (Paramonov, 1935)
Anthrax aegypticola Paramonov, 1935: 16, 31 (key only). Type locality:
Egypt.
DISTRIBUTION: PA: Egypt.
EGYPTIAN LOCALITIES: Unknown.
DATES OF COLLECTION: Unknown.

Desmatoneura albifacies (Macquart, 1840)
Anthrax albifacies Macquart, 1840: 71 [1841: 349]. Type locality:
Algeria [as "D'Alger"].
DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Afghanistan, Algeria,
Egypt.
EGYPTIAN LOCALITIES: Fairly common every where in Egypt.
DATES OF COLLECTION: January to September.

Desmatoneura nivea (Rossi, 1790)
Bibio nivea Rossi, 1790: 277. Type locality: Italy.
Argyromoeba nivea var. *lioyi* Griffini, 1896: 2. Type locality: Italy.
DISTRIBUTION: PA: Armenia, Azerbaijan, Bulgaria, Egypt, Greece (incl.
Corfu), Gruzia, Italy, Macedonia, Romania, Tunisia, Yugoslavia.

EGYPTIAN LOCALITIES: Lower Nile Valley: El-Marg, Ezbet El-Nakhl, Kafr Hakim, Kirdassa; Eastern Desert: Wadies south east of Cairo; Fayoum; Upper Nile Valley: Aswan, Isna.
DATES OF COLLECTION: April to September.

Genus **PETROROSSIA** Bezzi

Petrorossia Bezzi, 1908a: 35. Type species: *Bibio hespera* Rossi, 1790, by original designation

Petrorossia albula Zaitzev, 1962

Petrorossia albula Zaitzev, 1962a: 126. Type locality: Armenia.

DISTRIBUTION: AF: Benin, Ghana, Kenya, Nigeria. PA: Algeria, Armenia, Azerbaijan, Gruzia, Israel, Kazakhstan, Kyrgyz Republic, Mongolia, Morocco, Saudi Arabia, Tajikistan, Turkmenistan, United Arab Emirates, Uzbekistan.

EGYPTIAN LOCALITIES: Sinai: Wadi El-Arbaein.

DATES OF COLLECTION: April to July.

Petrorossia hespera (Rossi, 1790)

Bibio hespera Rossi, 1790: 227. Type locality: Italy.

Anthrax albipectus Walker, 1849: 262. Type locality: France.

Preoccupied by Macquart, 1848.

Petrorossia chraminensis Zaitzev, 1962b: 705. Type locality: Gruzia.

Petrorossia dobrogica Dusa, 1966: 69. Type locality: Romania.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Algeria, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Canary Island, Croatia, Egypt, France (incl. Corsica), Greece (incl. Corfu, Ithaca, Lesbos), Gruzia, Israel, Italy, Kyrgyz Republic, Libya, Macedonia, Malta, Moldova, Morocco, Portugal, Romania, Russia, Spain, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Very common everywhere in Egypt.

DATES OF COLLECTION: April to August.

Petrorossia letho (Wiedemann, 1828)

Anthrax letho Wiedemann, 1828: 566. Type locality: Egypt or Sudan [as "Nubien"].

Anthrax longitarsis Becker, 1902: 23. Type locality: Algeria.

DISTRIBUTION: AF: Benin, Chad, Egypt [as "Gebel Elba"], Eritrea, Ethiopia, Kenya, Somalia, Sudan. PA: Afghanistan, Algeria, Austria, Bosnia-Herzegovina, Bulgaria, Croatia, Egypt, France, Iran, Italy, Libya, Macedonia, Russia, Saudi Arabia, Slovenia, Spain, Tajikistan, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

EGYPTIAN LOCALITIES: Common everywhere in Egypt, especially in Nile Valley and Sinai.

DATES OF COLLECTION: January to September.

Petrorossia liliputiana Bezzi, 1925

Petrorossia letho var. *liliputiana* Bezzi, 1925: 214. Type locality: Egypt (Ezbet El-Nakhl, Mex, Suez, Sakkara, Fayoum) & Tunisia [6S (destroyed) in ESEC; 1S in CUE].

DISTRIBUTION: PA: Algeria, Egypt, Tunisia.

EGYPTIAN LOCALITIES: Common everywhere in Egypt, especially in Nile Valley and Sinai.

DATES OF COLLECTION: January to September.

Genus **PIPUNCULOPSIS** Bezzi

Pipunculopsis Bezzi, 1925: 211. Type species: *Pipunculopsis bivittata* Bezzi, 1925, by original designation.

Pipunculopsis bivittata Bezzi, 1925

Pipunculopsis bivittata Bezzi, 1925: 212. Type locality: Egypt (Kirdassa, Suez, Wadi Hoff) [5S (1 destroyed) in ESEC].

DISTRIBUTION: AF: Sudan. PA: Egypt, Israel, Turkmenistan, Uzbekistan.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash, Kafr Hakim, Kirdassa; Eastern Desert: Abu-Sueir, Geneifa, Ismailia, Suez Road, Wadies south east of Cairo; Fayoum; Upper Nile Valley: Wadi Assiouti; Sinai: Ein Gedeirat.

DATES OF COLLECTION: April to July.

Genus **PROTHAPLOCNEMIS** Bezzi

Prothaplocnemis Bezzi, 1925: 220. Type species: *Argyromoeba anthracina* Becker, 1902 (as "*Argyramoeba*"), by original designation.

Prothaplocnemis anthracina (Becker, 1902)

Argyromoeba anthracina Becker, 1902: 29. Type locality: Egypt.
DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Egypt, Israel, Oman.
EGYPTIAN LOCALITIES: Fairly common everywhere in Egypt.
DATES OF COLLECTION: February to May.

Genus **XERAMOEBA** Hesse

Xeramoeba Hesse, 1956a: 356. Type species: *Xeramoeba apricaria*
Hesse, 1956, by original designation.

Gazlia Zaitzev, 1999: 458. Type species: *Gazlia albula* Zaitzev, 1999, by
original designation.

Xeramoeba ramsesi (Paramonov, 1935)

Anthrax ramsesi Paramonov, 1935: 15, 29 (key only) [1936b: 142].

Type locality: Egypt.

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: ?Sinai.

DATES OF COLLECTION: Unknown.

Xeramoeba rubicunda (Bezzi, 1925)

Chiasmella sabulonis var. *rubicunda* Bezzi, 1925: 217. Type locality:
Egypt (Abu-Rawash, Barrage, El-Marg, Ezbet El-Nakhl, Ma'adi, Suez
Road, Wadi Hoff) [L & 1PL designated by El-Hawagry (2001a: 155)
in ESEC].

DISTRIBUTION: AF: Sudan. PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Alexandria ; Eastern Desert:
Geneifa, Serabium, Suez Road, Wadi Garawi, Wadi Hoff; Lower Nile
Valley: Abu-Rawash, Barrage, El-Marg, Ezbet El-Nakhl, Kafr Hakim,
Kafr El-Dems, Kirdassa, Ma'adi, Mansouriah; Fayoum; Sinai: Ein
Moussa.

DATES OF COLLECTION: April to August.

Xeramoeba sabulonis (Becker, 1906)

Argyromoeba sabulonis Becker, 1906c: 149. Type locality: Algeria.

Petrorossia latifrons Bezzi, 1925: 214. Type locality: Egypt (Suez) [H in
ESEC].

DISTRIBUTION: AF: Sudan. PA: Algeria, Egypt, Greece, Israel, Macedonia, Tunisia, Turkey, Yugoslavia.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout, Mex, Nuzha; Lower Nile Valley: Kirdassa; Eastern Desert: Suez, Wadies south east of Cairo; Sinai: Ein Gedeirat, Khdood El-Zeeb, Wadi El-Arbaein, Wadi El-Lega, Wadi Garagneyia, Wadi Shallalah.

DATES OF COLLECTION: April to August.

Xeramoeba salwae El-Hawagry, 2001

Xeramoeba salwae El-Hawagry, 2001a: 156. Type locality: Egypt (Sinai: Wadi El-Arbaein) [H in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Degla; Sinai: Wadi El-Arbaein, Wadi Tala'a.

DATES OF COLLECTION: May to July.

Xeramoeba semirufa (Sack, 1909)

Chionamoeba semirufa Sack, 1909: 545. Type locality: Iran.

DISTRIBUTION: OR: Pakistan. PA: Afghanistan, Egypt, Iran, Saudi Arabia.

EGYPTIAN LOCALITIES: Eastern Desert: Ghardaga, Wadi Rishrash.

DATES OF COLLECTION: March to July.

Family **MYDIDAE**

Subfamily **LEPTOMYDINAE**

Genus **LEPTOMYDAS** Gerstaecker

Leptomydas Gerstaecker, 1868: 65 . Type species: *Mydas lusitanicus* (Wiedemann *in* Meigen, 1820), by subsequent designation (Coquillett, 1910: 560).

Leptomydas lineatus (Olivier, 1811)

Mydas lineatus Olivier, 1811: 83. Type locality: Egypt (Sakkara [as "pres des pyramides de Sakhara"]).

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Western Desert: Sakkara.

DATES OF COLLECTION: April to September.

Leptomydas maculatus (Walker, 1871).

Mydas maculatus Walker, 1871a: 272. Type locality: Egypt (South Sinai: Mount Sinai).

DISTRIBUTION: PA: Egypt, Israel, Syria.

EGYPTIAN LOCALITIES: Sinai: Mount Sinai.

DATES OF COLLECTION: April to August.

Subfamily **RHOPALIINAE**

Genus **PERISSOCERUS** Gerstaecker

Perissocerus Gerstaecker, 1868: 84. Type species: *Perissocerus abyssinicus* Gerstaecker, 1868, by monotypy.

Perissocerus surcoufi Bezzi, 1921

Perissocerus surcoufi Bezzi, 1921: 138. Type locality: Algeria (El-Golea).

DISTRIBUTION: PA: Algeria, Egypt.

EGYPTIAN LOCALITIES: Lower Nile Valley: Barrage; Eastern Desert: Suez; Fayoum.

DATES OF COLLECTION: April to June.

Perissocerus dumonti Séguy, 1928

Perissocerus dumonti Séguy, 1928: 45. Type locality: Tunisia (Sidi Bou Zid).

DISTRIBUTION: Libya, Tunisia.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Genus **RHOPALIA** Macquart

Rhopalia Macquart, 1838: 12. Type species: *Rhopalia olivieri* Macquart, 1838, by original designation.

Rhopalia cincta Sack, 1934

Rhopalia cincta Sack, 1934: 12. Type locality: Egypt.

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout.

DATES OF COLLECTION: April.

Rhopalia efflatouni Bequaert, 1961

Rhopalia efflatouni Bequaert, 1961: 25. Type locality: Egypt (Mariout, El Borg).

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout, El Borg.

DATES OF COLLECTION: February to May.

Rhopalia olivieri Macquart, 1838

Rhopalia olivieri Macquart, 1838: 12. Type locality: Egypt.

DISTRIBUTION: PA: Egypt, United Arab Emirates.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Rhopalia spinolae Macquart, 1838

Rhopalia spinolae Macquart, 1838: 192. Type locality: Egypt.

Distribution: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Hoff.

DATES OF COLLECTION: June.

Rhopalia tristis Séguy, 1928

Rhopalia tristis Séguy, 1928: 137. Type locality: Egypt (Suez).

DISTRIBUTION: Egypt.
EGYPTIAN LOCALITIES: Eastern Desert: Suez.
DATES OF COLLECTION: May to July.

Subfamily **SYLLEGOMYDINAE**

Tribe **SYLLEGOMYDINI**

Genus **SYLLEGOMYDAS** Becker

Syllegomydas Becker, 1906e: 277. Type species: *Mydas cinctus* Macquart, 1835, by subsequent designation (Sack, 1934: 23).

Syllegomydas algiricus (Gerstaecker, 1868)

Rhopalia algirica Gerstaecker, 1868: 86. Type locality: Algeria.
DISTRIBUTION: PA: Algeria, Egypt, Morocco, Spain, Tunisia.
EGYPTIAN LOCALITIES: Unknown.
DATES OF COLLECTION: Unknown.

Syllegomydas bezzii Arias, 1914

Syllegomydas bezzii Arias, 1914a: 176. Type locality: Tunisia (Djerba).
DISTRIBUTION: PA: Egypt, Tunisia.
EGYPTIAN LOCALITIES: Unknown.
DATES OF COLLECTION: Unknown.

Syllegomydas cinctus (Macquart, 1835)

Mydas cinctus Macquart, 1835: 655. Type locality: Algeria (Oran).
DISTRIBUTION: PA: Algeria, Egypt, Tunisia.
EGYPTIAN LOCALITIES: Unknown.
DATES OF COLLECTION: Unknown.

Syllegomydas claripennis Becker, 1906

Syllegomydas claripennis Becker, 1906e: 279. Type locality: Tunisia (El-Djerba).
DISTRIBUTION: PA: Egypt, Tunisia.
EGYPTIAN LOCALITIES: Unknown.
DATES OF COLLECTION: Unknown.

Syllegomydas efflatouni Bezzi, 1924

Syllegomydas efflatouni Bezzi, 1924b: 163. Type locality: Egypt

(Barrage = "Al Qanatir al Khayriyah"). [Type in CUE].

DISTRIBUTION: PA: Egypt, Libya.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash, Barrage, Kafr Hakim, Mansoureyia; Eastern Desert: Ferdan, Hurgada, Wadies south east of Cairo, Wasfia; Western Desert: Kharga Oasis; Sinai: El-Arish, Wadi Um-Hocheb.

DATES OF COLLECTION: April to September.

Syllegomydas merceti Arias, 1914

Syllegomydas merceti Arias, 1914b: 44. Type locality: Morocco (Mogador).

DISTRIBUTION: PA: Egypt, Morocco.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Syllegomydas spinipes Bezzi, 1924

Syllegomydas spinipes Bezzi, 1924b: 160. Type locality: Egypt (Sulloum). [Type in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Salloum.

DATES OF COLLECTION: June.

Syllegomydas vittatus (Wiedemann, 1828)

Midas vittatus Wiedemann, 1828: 559. Type locality: Egypt or Sudan [as "Nubien"].

Distribution: AF: Ethiopia, Sudan; PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Mariout; Western Desert: Dakhla Oasis; Upper Nile Valley: Aswan.

DATES OF COLLECTION: February to May.

Family **MYTHICOMYIIDAE**

Subfamily **PLATYPYGINAE** Verrall

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.

Cyrtosia gulperii Eflatoun, 1945

Cyrtosia gulperii Eflatoun, 1945: 40. Type locality: Egypt (Gebel Elba) [5S in CUE; 11S (2 destroyed) in ESEC; 1S lost].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan.

EGYPTIAN LOCALITIES: Gebel Elba.

DATES OF COLLECTION: March and April.

Cyrtosia injii Eflatoun, 1945

Cyrtosia injii Eflatoun, 1945: 41. Type locality: Egypt (Kawal El-Nadayet, Wadi Edeib) [11S in CUE; 3S in ESEC; 10 lost].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Kawal El-Nadayet; Gebel Elba: Wadi Edeib.

DATES OF COLLECTION: January.

Cephalodromia nitens (Loew, 1846)

Cyrtosia nitens Loew, 1846: 421. Type locality: Italy & Sicily.

DISTRIBUTION: PA: Egypt, Italy (incl. Sicily).

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Cephalodromia separata (Eflatoun, 1945)

Cyrtosia separata Eflatoun, 1945: 51. Type locality: Egypt (Burg) [H (damaged) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Burg.

Genus **CYRTISIOPSIS** Séguy

Cyrtisiopsis Séguy, 1930: 80. Type species: *Cyrtisiopsis singularis* Séguy, 1930, by original designation.

Cyrtisiopsis melleus (Loew, 1856)

Platypygus melleus Loew, 1856: 31. Type locality: Egypt.

DISTRIBUTION: PA: Algeria, Armenia, Azerbaijan, Egypt, France, Greece,

Gruzia, Iran, Italy (incl. Sardinia), Jordan, Morocco, Russia, Spain, Tajikistan, Turkey, Turkmenistan, Ukraine.

EGYPTIAN LOCALITIES: Lower Nile Valley: Ezbet El-Nakhl; Eastern Desert: North Galala, Wadies south east of Cairo; Sinai: South Sinai (Wadi El-Leiga).

DATES OF COLLECTION: March and September.

Genus **CYRTOSIA** Perris

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

Cyrtosia abragi Efflatoun, 1945

Cyrtosia abragi Efflatoun, 1945: 38. Type locality: Egypt (Bir Abrug) [13S in CUE; 5S (all destroyed) in ESEC; 5 lost].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Bir Abrug.

DATES OF COLLECTION: February.

Cyrtosia luteiventris Bezzi, 1926

Cyrtosia luteiventris Bezzi, 1926: 262. Type locality: Egypt (Wadi Rishrash [?H in ESEC "this specimen is collected by Efflatoun Bey in 1935, so I think it is not the holotype of *Cyrtosia luteiventris* Bezzi, however it may be a syntype for *Cyrtosia luteiventris* var. *minima* Efflatoun, 1945"].

Cyrtosia luteiventris var. *minima* Efflatoun, 1945: 45 Type locality: Egypt [3S in CUE; ?1S in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Wadies south east of Cairo; Sinai: Wadi El-Lega.

DATES OF COLLECTION: March and April.

Cyrtosia marginata Perris, 1839

Cyrtosia marginata Perris, 1839: 56. Type locality: France.

DISTRIBUTION: PA: France, Germany, Spain, UK (Channel Islands).

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Hammam, Ikingi Mariout, Wadi El-Ramlah "near Matrouh".

DATES OF COLLECTION: February and March.

Cyrtosia nubila (Bezzi, 1925)

Empidideicus nubilus Bezzi, 1925: 188. Type locality: Egypt.

DISTRIBUTION: AF: Ethiopia, Egypt [as "Gebel Elba"], Sudan. PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert; Gebel Elba.

DATES OF COLLECTION: February to May.

Cyrtosia opaca Loew, 1846

Cyrtosia opaca Loew, 1846: 420. Type locality: Not given.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Egypt, Greece, Italy (incl. Sicily), Yugoslavia.

EGYPTIAN LOCALITIES: Eastern Desert; Gebel Elba.

DATES OF COLLECTION: February and March.

Cyrtosia pusilla Loew, 1873

Cyrtosia pusilla Loew, 1873: 206. Type locality: Uzbekistan [as "Kisilkum"].

DISTRIBUTION: PA: ?Egypt, Iran, Kazakhstan, Mongolia, Saudi Arabia, Tajikistan, Turkmenistan, Uzbekistan.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Cyrtosia tetragramma Bezzi, 1926

Cyrtosia tetragramma Bezzi, 1926: 261. Type locality: Egypt [?H in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Mariout; Eastern Desert: Wadi Morrah.

DATES OF COLLECTION: February and March.

Genus **PLATYPYGUS** Loew

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

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

Platypygus maculiventris Loew, 1874

Platypygus maculiventris Loew, 1874: 416. Type locality: Iran.

DISTRIBUTION: PA: ?Egypt, Iran.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

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.

Doliopteryx palaestinensis Evenhuis & Theodor *in* Evenhuis, 2000

Doliopteryx palaestinensis Evenhuis & Theodor *in* Evenhuis, 2000: 129.

Type locality: Israel.

DISTRIBUTION: PA: ?Egypt, Israel.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Subfamily **EMPIDIDEICINAE** Hull

Genus **EMPIDIDEICUS** Becker

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

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

Ecliptica Engel, 1933: 103. *Nomen nudum*.

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.

Empidideicus carthaginiensis Becker, 1907

Empidideicus carthaginiensis Becker, 1907a: 97. Type locality: Tunisia (Sfax).

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Algeria, Egypt, Israel, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Ikingi Mariout, Wadi El-Ramlah "near Matrouh"; Gebel Elba.

DATES OF COLLECTION: January to March.

Empidideicus eflatouni Engel, 1933

Empidideicus eflatouni Engel, 1933: 102. Type locality: Egypt (Gebel Elba) [1S in CUE; 8S (3 damaged) in ESEC].

DISTRIBUTION: AF: Egypt [as "Gebel Elba"], Sudan. PA: Egypt, Israel, Libya.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout; Lower Nile Valley: Burgash, Kafr El-Dems [= Mansheyet Radwan], Kafr Hakim; Gebel Elba.

DATES OF COLLECTION: March to August.

Empidideicus mariouti Eflatoun, 1945

Empidideicus mariouti Eflatoun, 1945: 32. Type locality: Egypt (Burg, Mariout) [1S in CUE; 3S (all damaged) in ESEC; 2 lost].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Mariout.

DATES OF COLLECTION: March.

Subfamily **LEYLAIYINAE** Greathead & Evenhuis

Genus **LEYLAIYA** Eflatoun

Leylaiya Eflatoun, 1945: 21. Type species: *Leylaiya mimnermia* Eflatoun, 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.

Leylaiya mimnermia Efflatoun, 1945

Leylaiya mimnermia Efflatoun, 1945: 23. Type locality: Egypt (Wadi Rishrash and Wadi Garrareyat) [4S in CUE; 1S (destroyed) in ESEC].

DISTRIBUTION: PA: Egypt, Israel, Oman, United Arab Emirates.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Garrareyat, Wadi Rishrash.

DATES OF COLLECTION: June and July.

Family **SCENOPINIDAE**

Subfamily **PRORATINAE** Theodor

Genus **ALLOXYTROPUS** Bezzi

Alloxytropus Bezzi, 1925: 186. Type species: *Alloxytropus anomalus* Bezzi, 1925, by original designation.

Alloxytropus anomalus Bezzi, 1925

Alloxytropus anomalus Bezzi, 1925: 187. Type locality: Egypt (Qena and Wadi Hoff) [2S destroyed in ESEC].

DISTRIBUTION: PA: Egypt, Sudan.

EGYPTIAN LOCALITIES: Lower Nile Valley: Ma'adi (Cairo); Eastern Desert: Wadi Rishrash, Wadi Hoff; Upper Nile Valley: Qena.

DATES OF COLLECTION: June.

Alloxytropus bezzii Paramonov, 1929

Alloxytropus bezzii Paramonov, 1929b: 83. Type locality: Egypt (Wadi Um Girfan) [2S damaged in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Um Girfan.

DATES OF COLLECTION: April.

Subfamily **SCENOPININAE** Fallen

Genus **CAENONEURA** Kröber

Caenoneura Kröber, 1923: 75. Type species: *Caenoneura robusta* Kröber, by original designation.

Caenoneura robusta Kröber, 1923

Caenoneura robusta Kröber, 1923: 75. Type locality: Egypt (Cairo) [H in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Salloum; Lower Nile Valley: Abu-Rawash, Cairo; Sinai: Wadi Gedeirat.

DATES OF COLLECTION: May to August.

Genus **PSEUDOMPHRALE** Kröber, 1913

Pseudomphrale Kröber, 1913: 180. Type species: *Scenopinus clausus* Loew, by original designation.

Pseudomphrale flavoscutellata Kröber, 1929

Pseudomphrale flavoscutellata Kröber, 1929: 80. Type locality: Egypt (Burg "Mariout") [L & 2 PL designated by Hassan & El-Hawagry (2001:3) in CUE].

DISTRIBUTION: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Mariout.

DATES OF COLLECTION: May.

Pseudomphrale miramisho Hassan & El-Hawagry, 2001

Pseudomphrale miramisho Hassan & El-Hawagry, 2001: 3. Type locality: Egypt (Eastern Desert: Wadi Rishrash) [H in CUE].

DISTRIBUTION: Egypt.

EGYPTIAN LOCALITIES: Eastern Desert: Wadi Rishrash.

DATES OF COLLECTION: June.

Genus **SCENOPINUS** Latreille, 1802

Omphrale Meigen, 1800: 29. Type species: *Musca senilis* Fabricius, 1794, suppressed by I.C.Z.N (1963: 339).

Scenopinus Latreille, 1802: 463. Type species: *Musca fenestralis* Linnaeus, by monotypy.

Atrichia Schrank 1803: 54. Type species: *Atrichia fasciatus* Schrank, 1803, by monotypy.

Cona Schellenberg 1803: 66. Type species: *Musca fenestralis* Linnaeus, 1758, by original designation.

Scenopoeus Agassiz, 1846b: 333. Unjustified emendation of *Scenopinus*.

Astoma Liroy 1864: 762. Homonym. Type species: *Nemotelus niger* De Geer, 1776, by monotypy.

Lepidomphrale Kröber 1913: 182. Type species: *Scenopinus niveus* Becker, 1907, by monotypy.

Archiscenopinus Enderlein 1914b: 25. Type species: *Scenopinus niger* (De Geer, 1776), by original designation.

Lucidomphrale Kröber 1937: 222. Type species: *Scenopinus lucidus* Becker, 1902, by original designation.

Omphralosoma Kröber 1937: 222. Type species: *Scenopinus squamosus* Villeneuve, 1913, by original designation.

Paromphrale Kröber 1937: 222. Type species: *Scenopinus glabrifrons* Meigen, 1824, by original designation.

Scenopinula Paramonov 1955: 651. Type species: *Scenopinula pallidipennis* Paramonov, 1955, by monotypy.

Scaenopius: Misspelling (Dalla Torre, 1878: 161).

albicinctus group:

Scenopinus curtipilosus Kelsey, 1969

Scenopinus curtipilosus Kelsey, 1969:63. Type locality: Egypt.

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Fayoum: Kom Osheem.

DATES OF COLLECTION: April.

Scenopinus lucidus Becker, 1902

Scenopinus lucidus Becker, 1902: 39. Type locality: Egypt (Mariout).

DISTRIBUTION: AF: Cape Verde Island, Congo, Nigeria, Uganda. AU:

Hawaii. OR: Christmas Islands. PA: Algeria, Canary Islands, Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout; Lower Nile Valley: Ma'adi (Cairo).

DATES OF COLLECTION: April.

brevicornis group:

Scenopinus brevicornis Loew, 1873

Scenopinus brevicornis Loew, 1873: 146. Type locality: Turkmenistan (Warsaminor) [C (determined by Kröber, 1923) in ESEC].

DISTRIBUTION: PA: Egypt, Israel, Turkmenistan.

EGYPTIAN LOCALITIES: Coastal Strip: Dekheila, Mariout, Nuzha;

Eastern Desert: Ismailia; Lower Nile Valley: Ezbet Nakhel, Marg.

DATES OF COLLECTION: May to July.

Scenopinus fraternus (Kröber, 1923)

Omphrale fraternus Kröber, 1923: 81. Type locality: Egypt (Fayoum: Siala) [H in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Dekheila; Lower Nile Valley: Ezbet Nakhl, Helwan, Kobba; Fayoum: Siala; Upper Nile Valley: Wadi Assiouti; Sinai: Wadi Moueileh.
DATES OF COLLECTION: April to June.

Scenopinus lincinus Kelsey, 1969

Scenopinus lincinus Kelsey, 1969: 99. Type locality: Madagascar (Ambobitautely).

DISTRIBUTION: PA: Egypt and Madagascar.

EGYPTIAN LOCALITIES: Sinai: Wadi El-Sheikh.

DATES OF COLLECTION: April.

Scenopinus nitidulus Loew, 1873

Scenopinus nitidulus Loew, 1873: 149. Type locality: Iran (Balfrush).

DISTRIBUTION: PA: Crete, Egypt, Iran, Palestine.

EGYPTIAN LOCALITIES: Coastal Strip: Burg; Lower Nile Valley: Barrage "Al-Kanater Al-Khaireya", Ezbet Nakhl, Helwan, Koubba; Sinai: Wadi Moueileh.

DATES OF COLLECTION: March to September.

fenestralis group:

Scenopinus efflatouni Kelsey, 1969

Scenopinus efflatouni Kelsey, 1969: 24. Type locality: Egypt (Abu-Rawash) [H (without head) in ESEC].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash & Cairo.

DATES OF COLLECTION: July to September.

Scenopinus fenestralis (Linnaeus, 1758)

Musca fenestralis Linnaeus, 1758: 597. Type locality: Europe.

Musca tarda Linnaeus, 1761: 441. Type locality: Sweden.

Musca saltitans Scopoli, 1763: 350. Type locality: Slovenia.

Musca senilis Fabricius, 1794: 331. Type locality: Germany.

Atrichia fasciatus Schrank, 1803: 103. Type locality: Germany.

Scenopinus pallipes Say, 1823: 100. Type locality: USA (Pennsylvania).

Scenopinus sulcicollis Meigen, 1824: 114. Type locality: Austria.

Scenopinus domesticus Meigen, 1824: 114. Type locality: Sweden.

Scenopinus scutellatus Macquart, 1844: 7. Type locality: Africa?.

Scenopinus furcinervis Zetterstedt, 1844: 897. Type locality: Sweden.

Scenopinus scutellatus var. *nigroscutellata* Frey, 1945: 36. Type locality: Azores. *Scenopinus graminicola* Zetterstedt, 1859: 6045. Type locality: Sweden.

Scenopinus perkinsi Paramonov, 1955: 651. Unavailable name.

Scenopinus fuscinervis: Misspelling of *Scenopinus furcinervis* Zetterstedt (Schiner, 1860b: 159).

DISTRIBUTION: Cosmopolitan.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Scenopinus glabrifrons Meigen, 1824

Scenopinus glabrifrons Meigen, 1824: 114. Type locality: Austria.

Scenopinus halteratus Meigen, 1824: 114. Type locality: Portugal.

Scenopinus orbita Meigen, 1824: 114. Type locality: Austria.

Scenopinus glabrifrons var. *surcoufi* Séguy, 1920: 318. Type locality: Algeria (Bopghari).

Scenopinus civiculus Hardy, 1933: 418. Type locality: Australia.

Scenopinus laevifrons: Misspelling of *Scenopinus glabrifrons* Meigen (Loew, 1857b: 88).

DISTRIBUTION: Cosmopolitan.

EGYPTIAN LOCALITIES: Lower Nile Valley: Gezeirah, Cairo.

DATES OF COLLECTION: April to June.

Scenopinus saini Kelsey, 1969

Scenopinus saini Kelsey, 1969: 39. Type locality: Egypt (South Sinai: Wadi El-Lega).

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: Wadi El-Lega.

DATES OF COLLECTION: September.

Genus **STENOMPHRALE** Kröber, 1937

Stenomphrale Kröber, 1937: 220. Type species: *Pseudomphrale teutankhameni* Kröber, 1923, by original designation.

Stenomphrale teutankhameni (Kröber, 1923)

Pseudomphrale teutankhameni Kröber, 1923: 72. Type locality: Egypt (Mariout).

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Mariout, Burg.

DATES OF COLLECTION: March to April.

Family **THEREVIDAE**

Subfamily **PHYCINAE** Lyneborg

Tribe **PHYCINI** Lyneborg

Genus **ACATHRITO** Lyneborg

Acathrito Lyneborg, 1983: 198. Type species: *Acathrito lindneri*
Lyneborg, 1983, by original designation.

Acathrito robusta Kröber, 1929

Acathrito robusta Kröber, 1929: 79. Type locality: Egypt (Gebel Elba).

Ruppellia robusta Kröber, 1929: 79. Incorrect spelling of genus-group
name in original combination.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Israel.

EGYPTIAN LOCALITIES: Gebel Elba.

DATES OF COLLECTION: March and April.

Genus **ACTORTHIA** Kröber

Actorthia Kröber, 1912: 30. Type species: *Acthortia frontata* Kröber,
1912, by monotypy.

Gyrophthalmus Becker, 1912: 311. Type species: *Gyrophthalmus*
khedivalis Becker, 1912, by monotypy.

Lesneus Surcouf, 1921: 161. Type species: *Lesneus canescens* Surcouf,
1921, by monotypy.

Gyrophthalminus Frey, 1936: 52. Type species: *Actorthia ahngeri* Frey,
1921, by original designation.

Acthortia Kröber, 1912: 30. Incorrect spelling.

Actorthia efflatouni Kröber, 1925

Actorthia efflatouni Kröber, 1925: 233. Type locality: Egypt (Abu-
Rawash).

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash.

DATES OF COLLECTION: April to September.

Actorthia frontata Kröber, 1912

Actorthia frontata Kröber, 1912: 30. Type locality: Egypt (Tourah).

Achhortia frontata Kröber, 1912: 30. Incorrect spelling of genus-group name in original combination.

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Lower Nile Valley: Mansoureyia, Tourah.

DATES OF COLLECTION: June to September.

Actorthia khedivialis (Becker, 1912)

Gyrophthalmus khedivialis Becker, 1912: 312. Type locality: Egypt (Cairo).

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Lower Nile Valley: Cairo.

DATES OF COLLECTION: May.

Actorthia micans (Kröber, 1924)

Orthactia micans Kröber, 1924: 93. Type locality: Egypt (Sakkara).

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Matrouh; Lower Nile Valley: Abu-Rawash, Giza, Helwan; Western Desert: Sakkara; Sinai: El-Arish.

DATES OF COLLECTION: March to October.

Actorthia pulchella Kröber, 1927

Actorthia pulchella Kröber, 1927: 14. Type locality: Egypt (Kafr el-Harama).

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Egypt.

EGYPTIAN LOCALITIES: Upper Nile Valley: Kafr el-Harama; Gebel Elba.

DATES OF COLLECTION: April.

Genus **EFFLATOUNIELLA** Kröber

Efflatouniella Kröber 1927: 15. Type species: *Efflatouniella aegyptiaca* Kröber, 1927, by monotypy.

Efflatouniella aegyptiaca Kröber, 1927

Efflatouniella aegyptiaca Kröber, 1927: 15. Type locality: Egypt (Kirdassa & Abu Rawash) [C in CUE].

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Lower Nile Valley: Abu-Rawash, Kirdassa.

DATES OF COLLECTION: March & August.

Efflatouniella legaensis Mohammad & Badrawy, 2011

Efflatouniella legaensis Mohammad & Badrawy, 2011: 57. Type locality:
Egypt (South Sinai: Wadi El-Lega) [H in CUE].

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Sinai: South Sinai (Wadi El-Lega).

DATES OF COLLECTION: June to September.

Efflatouniella sinatica Mohammad & Badrawy, 2011

Efflatouniella sinatica Mohammad & Badrawy, 2011: 58. Type locality:
Egypt (South Sinai: Wadi Moweileh) [H in CUE; 2P in ASUC].

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Sinai: South Sinai (Wadi Moweileh).

DATES OF COLLECTION: April.

Genus **PHYCUS** Walker

Phycus Walker, 1850: 2. Type species: *Xylophagus canescens* Walker,
1848, by monotypy [= *Xylophagus brunneus* Wiedemann, 1824].

Caenophanes Loew, 1874: 415. Type species: *Caenophanes insignis*
Loew, 1874, by monotypy. Preoccupied by Forster, 1862
(Hymenoptera).

Caenophanomyia Bezzi, 1902: 191. New replacement name for
Caenophanes Loew, 1874. Type species: *Caenophanes insignis* Loew,
1874, automatic.

Paraphycus Becker, 1922: 62. Type species: *Phycus nitidus* Wulp, 1897,
by original designation.

Caenophaniella Séguy, 1941: 112. Type species: *Caenophaniella nigra*
Séguy, 1941, by original designation.

Phycus insignis (Loew, 1874)

Caenophanes insignis Loew, 1874: 415. Type locality: Iran (Shahrud [=
Schahrud]).

DISTRIBUTION: PA: Afghanistan, Egypt, Iran, Iraq, Israel, Jordan, Syria,
Tunisia, Turkey.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Phycus marginatus Kröber, 1912

Phycus marginatus Kröber, 1912: 5. Type locality: "?Africa/Drury".

Phycus bicinctus Kröber, 1924: 87. Type locality: Egypt (Cairo).

Phycus sobrinus Brunetti, 1929: 11. Type locality: Sudan (Khartoum).

DISTRIBUTION: AF: Most Afrotropical countries. PA: Egypt.

EGYPTIAN LOCALITIES: Upper Nile Valley: Tisfa; Eastern Desert: Ismailia.

DATES OF COLLECTION: July and August.

Genus **RUPPELLIA** Wiedemann

Ruppellia Wiedemann, 1830: 625. Type species: *Ruppellia semiflava* Wiedemann, 1830, by monotypy.

Rueppellia Bezzi, 1903: 213. Unjustified emendation of *Ruppellia*.

Cataclinoneurum Becker, 1912: 310. Type species: *Cataclinoneurum alexandrinum* Becker, 1912, by monotypy [= *thoracica* (Macquart, 1840)].

Rueppellia: Misspelling (Schiner, 1868: 145).

Rppellia: Misspelling (Bezzi, 1903: 213).

Ruppellia semiflava Wiedemann, 1830

Ruppellia semiflava Wiedemann, 1830: 625. Type locality: Egypt.

Ruppellia subapicalis Lyneborg, 1983: 198. Type locality: Egypt.

Rueppellia apicalis Kröber, 1929: 78. Junior secondary homonym; preoccupied by *Salentia apicalis* Becker, 1912.

Ruppellia pallida Kröber, 1929: 79. Type locality: Egypt (Gebel Elba).

DISTRIBUTION: AF: Most Afrotropical countries, Egypt [as "Gebel Elba"]. PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Burg; Lower Nile Valley:

Barrage; Eastern Desert: Wadi Rishrash; Western Desert: Dakhla;

Sinai: Wadi Moueileh; Gebel Elba: Halayeb, Wadi Edeib.

DATES OF COLLECTION: January to September.

Ruppellia thoracica (Macquart, 1840)

Thereva thoracica Macquart, 1840: 22. Type locality: Egypt.

Thereva nuda Loew, 1856: 33. Type locality: Egypt (Abukir).

Rueppellia nuda (Loew, 1856: 33). Incorrect spelling of genus-group name in original combination.

Orthactia frontalis Kröber, 1912: 28. Type locality: Tunis.

Cataclinoneurum alexandrinum Becker, 1912:310. Type locality: Egypt (Alexandria [as "Alexandrien"]).

DISTRIBUTION: PA: Egypt, Israel, Libya, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Alexandria, Amria, Dekhaila, Hammam, Mallaha, Mariout, Matrouh, Nuzha; Lower Nile Valley: Barrage; Eastern Desert: Abu-Soueir, Wadi Rishrash, Wadi Um-Girfan; Western Desert: Sakkara; Fayoum: Tamyia; Sinai: Ain Hudra, El-Arish, Wadi Gedeirat, Wadi Moueileh.

DATES OF COLLECTION: February to September.

Genus **SALENTIA** Costa

Salentia Costa, 1857: 446. Type species: *Salentia fuscipennis* Costa, 1857, by monotypy.

Apioeicoceras Becker, 1912: 302. Type species: *Xestomyza costalis* Wiedemann, 1824, by monotypy.

Subgenus **SALENTIA** Costa (Nominate subgenus)

Salentia (Salentia) margiana Zaitzev, 1977

Salentia margiana Zaitzev, 1977: 77. Type locality: Turkmenia (Mary [= Merv]).

DISTRIBUTION: PA: Egypt, Russia.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Subfamily **THEREVINAE** Burmeister

Genus **HOPLOSATHE** Lyneborg and Zaitzev

Hoplosathe Lyneborg & Zaitzev, 1980: 81. Type species: *Thereva frauenfeldi* Loew, 1856, by original designation.

Hoplosathe frauenfeldi (Loew, 1856)

Thereva frauenfeldi Loew, 1856: 32. Type locality: Egypt.

Thereua frauenfeldii Loew, 1856: 57. Incorrect original spelling.

DISTRIBUTION: AF: Egypt [as "Gebel Elba"]. PA: Egypt, Iran, Iraq, Israel.
EGYPTIAN LOCALITIES: Coastal Strip: Cleopatra, Mallaha, Mariout,
Nuzha; Lower Nile Valley: Faraskour, Giza, Helwan, Tisfa; Fayoum:
Kom Osheem; Eastern Desert: Geneifa, Ghobbet El-Bous; Gebel
Elba: Mersa Halayeb.
DATES OF COLLECTION: January to September.

Genus **IRWINIELLA** Lyneborg

Irwiniella Lyneborg, 1976: 251. Type species: *Thereva nuba*
Wiedemann, 1828, by original designation.

Irwiniella nuba (Wiedemann, 1828)

Thereva nuba Wiedemann, 1828: 559. Type locality: Egypt or Sudan [as
"Nubien"].

Irwiniella nigrifrons (Becker, 1902: 34). *Nomen nudum*.

Psilocephala nigrifrons Becker, 1902: 34.

Irwiniella taeniata (Becker, 1923: 62). *Nomen nudum*.

Psilocephala taeniata Becker, 1923: 62.

Irwiniella sudanica (Kröber, 1933: 294). *Nomen nudum*.

Psilocephala sudanica Kröber, 1933: 294.

DISTRIBUTION: AF: Chad, Ethiopia, Kenya, Nigeria, ? Senegal, Sudan.

PA: Egypt.

EGYPTIAN LOCALITIES: Upper Nile Valley: ?Aswan.

DATES OF COLLECTION: Unknown.

Genus **NEOTHEREVELLA** Lyneborg

Neotherevella Lyneborg, 1978: 75. Type species: *Thereva citrina*
Becker, 1902, by original designation.

Neotherevella citrina (Becker, 1902)

Thereva citrina Becker, 1902: 35. Type locality: Egypt.

Neothereva angustifrons Kröber, 1912: 139.

DISTRIBUTION: PA: Egypt, Israel.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Matrouh; Lower Nile
Valley: Abu-Rowash, Burgash, Kirdassa, Mansoureyia; Eastern
Desert: Wadi Garawi; Sinai: Wadi Mouileh.

DATES OF COLLECTION: February to September.

Neotherevella macularis Wiedemann, 1828

Neotherevella macularis Wiedemann, 1828: 558. Type locality: Egypt.

Thereva macularis Wiedemann, 1828: 558.

DISTRIBUTION: AF: Mauritania. PA: Egypt.

EGYPTIAN LOCALITIES: Western Desert: Dakhla Oasis.

DATES OF COLLECTION: Unknown.

Genus **THEREVA** Latreille

Thereva Latreille 1797: 167. Type species: *Musca plebeja* Linnaeus, 1758, by subsequent monotypy.

Exapata Macquart, 1840: 26. Type species: *Exapata anthracoides* Macquart, 1840: 27, by monotypy.

Caenozona Kröber, 1912: 251. Type species: *Caenozona bicolor* Kröber, 1912: 251, by subsequent designation (Kröber 1937: 276).

Neothereva Kröber, 1912: 138. Type species: *Thereva nitidifrons* Kröber, 1913: 17, by subsequent designation (Kröber 1937: 276).

Athereva Kröber, 1925: 26. Type species: *Thereva decipiens* Kröber, 1913: 30, by subsequent designation (Kröber 1937: 277).

Reinigiellum Enderlein, 1934: 139. Type species: *Reinigiellum speculiferum* Enderlein, 1934: 139, by original designation.

Thereua: Misspelling (Agassiz, 1846: 39).

Theresa: Misspelling (Dufour, 1850: 139).

Therena: Misspelling (Loew, 1854: 1).

Therva: Misspelling (Ouchi, 1943: 483).

Thereva atra Kröber, 1913

Thereva atra Kröber, 1913: 31. Type locality: Algier & Egypt.

DISTRIBUTION: PA: Algeria, Egypt, Morocco.

EGYPTIAN LOCALITIES: Unknown.

DATES OF COLLECTION: Unknown.

Thereva fulvicornis Kröber, 1924

Thereva fulvicornis Kröber, 1924: 105. Type locality: Egypt (Alexandria).

DISTRIBUTION: PA: Egypt.

EGYPTIAN LOCALITIES: Coastal Strip: Alexandria, Burg, Matrouh.

DATES OF COLLECTION: March to May.

Thereva spilopecta Wiedemann, 1824

Thereva spilopecta Wiedemann, 1824: 20. Type locality: Morocco.

Thereva poeciloptera Loew, 1847: 32.

Thereva poeciloptera Loew, 1847: 32. Incorrect spelling of genus-group name in original combination.

DISTRIBUTION: PA: Algeria, Egypt, Morocco, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Mariout.

DATES OF COLLECTION: February and March.

Thereva stigmatica Kröber, 1912

Thereva stigmatica Kröber, 1912: 409. Type locality: Tunis (Tanger).

DISTRIBUTION: PA: Egypt, Israel, Morocco, Tunisia.

EGYPTIAN LOCALITIES: Coastal Strip: Burg, Mariout.

DATES OF COLLECTION: March to May.

Thereva tuberculata Loew, 1847

Thereva tuberculata Loew, 1847: 13. Type locality: Italy (Sicily, near Messina and Syracuse).

Thereva algerica Kröber, 1913: 24. Type locality: Algeria.

DISTRIBUTION: PA: Algeria, Egypt, Corse, Italy (Sicily).

EGYPTIAN LOCALITIES: Coastal Strip: Dekheila, Mariout.

DATES OF COLLECTION: May.

Thereva unica (Harris, 1780)

Sylvicola unicus Harris, 1780: 103. Type locality: ?England.

Bibio lugubris (Fabricius, 1787: 328). Type-locality: "Kiliae".

Thereva albipennis Meigen, 1820: 119. Type-locality: not given (?Germany).

Thereva bipunctata Meigen, 1820: 121. Type locality: not given (?Germany).

Thereva albilabris Meigen, 1820: 122. Type-locality: Austria [as "Oesterreich"].

Thereva canescens Zetterstedt, 1859: 4971 (as var. of *unica*). Type-locality: Sweden.

Neothereva frontata (Kröber, 1912: 140). Type-locality: Europe [as "Europa"].

Thereva vulpina Kröber, 1912: 696. Type-localities: Austria, Germany & Hungary [as "Oesterreich, Ungarn, Deutschland"].

Neothereva hermaphrodita Becker, 1922: 33. Type-localities: Denmark & France [as "Insel Bornholm; Arachon, südlich von Bordeaux"].

DISTRIBUTION: PA: ?Egypt, Europe.

EGYPTIAN LOCALITIES: ?Coastal Strip: ?Mariout.
DATES OF COLLECTION: March.

Genus **XESTOMYZINA** Kröber

Xestomyzina Kröber, 1912: 10. Type species: *Xestomyzina aureostriata*
Kröber, 1912, by monotypy.

Xestomyzina aureostriata Kröber, 1912: 10. Type-localities: Syria &
Palestine [as "Syrien, Jerusalem"].
DISTRIBUTION: PA: Egypt, Israel, Syria, Palestine.
EGYPTIAN LOCALITIES: Unknown.
DATES OF COLLECTION: Unknown.

Xestomyzina melanostoma (Loew, 1856)
Thereua melanostoma Loew, 1856: 33. Type locality: Egypt [as
"Aegypten"].
Xestomyzina aegyptiaca Kröber, 1924: 88.
DISTRIBUTION: PA: Egypt, Israel.
EGYPTIAN LOCALITIES: Coastal Strip: Burg, Mariout.
DATES OF COLLECTION: February and March.

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