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A CATALOG OF THE DIPTERA
OF THE ORIENTAL REGION

VOLUME I

SUBORDER NEMATOCERA

Compiled and edited by

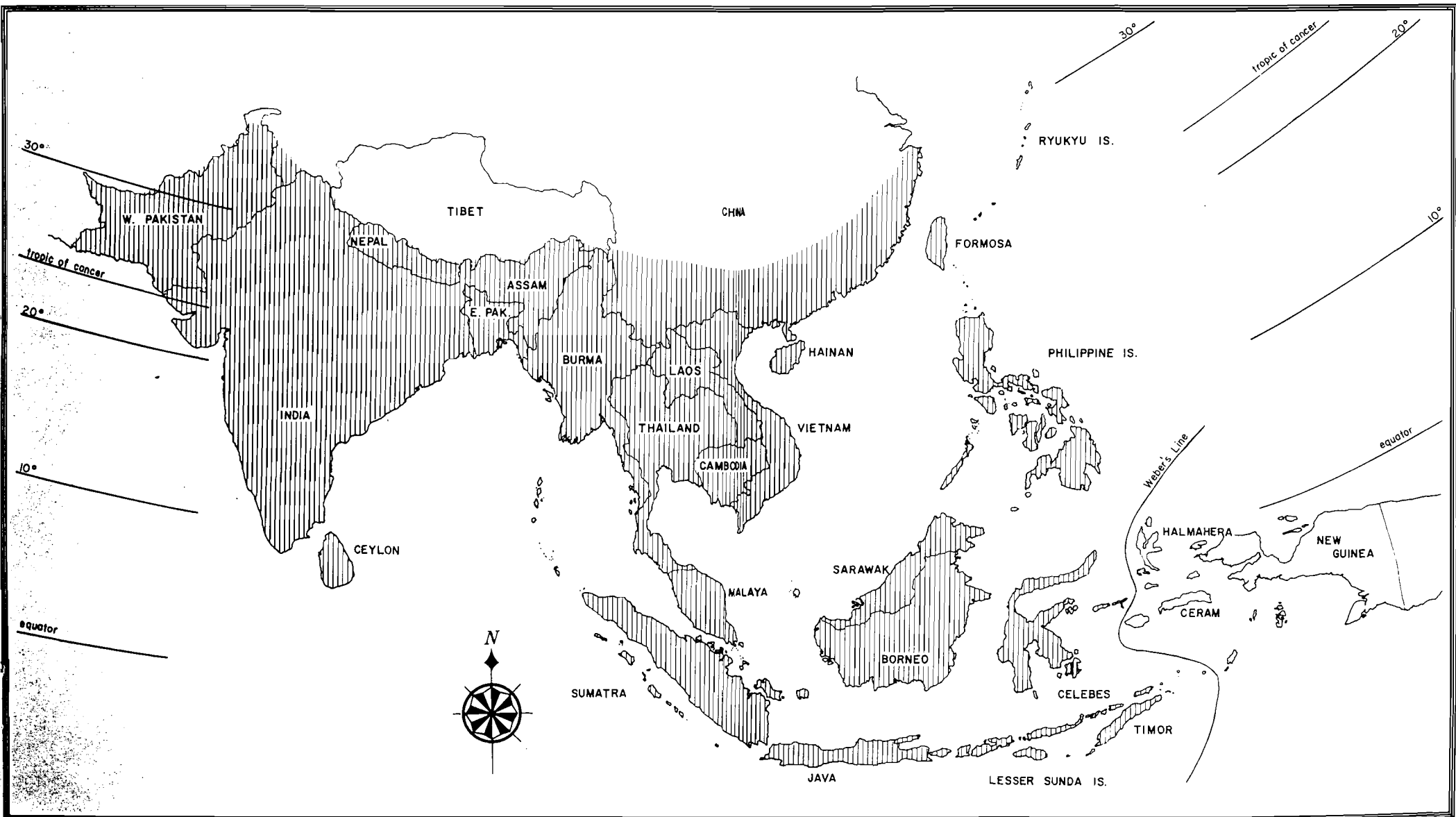
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The Oriental region and adjacent land (unshaded area) showing approximate boundaries.

INTRODUCTION

This catalog was formally begun in 1967 when we received a grant from the National Science Foundation (GB-6565) for the preparation of a Diptera Catalog of the Philippines, and we were planning to eventually prepare a manual of the families and genera of Oriental Diptera. It has been pointed out by some of our colleagues that this would be difficult and impractical until a comprehensive and organized summary of the Oriental Diptera fauna has been prepared. This project was initiated to fill this need. At the beginning it seemed doubtful that this work could be completed within a reasonable period. Specialists are difficult to find for some groups, and all are busily engaged with their respective work and projects. The extraordinary response from all specialists we have asked for help was probably the most gratifying result of this cooperative effort.

The Oriental Diptera fauna is virtually uncataloged. Bigot's (1891, 1892) "Catalogue of the Diptera of the Oriental Region" and van der Wulp's (1828) "Catalogue of the Described Diptera from South Asia" are completely out of date. Brunetti's (1920) "Catalogue of Oriental and South Asiatic Nematocera" was complete and covered only one suborder. Checklists or enumerations of local fauna (such as Hennig 1941 for Formosa; Bezzi 1913, 1916 for the Philippines) are very limited in scope; and the only modern world catalog (Stone et al. 1959) that covers the Oriental region deals with the Culicidae alone. Comprehensive monographs such as the "Fauna of British India" series include several families but they are necessarily limited in scope, and the first volume is now over 50 years old. Thus, it is clear that no comprehensive catalog of the Oriental Diptera has ever been published, and there is an apparent need for an up-to-date guide to the literature. This work is therefore an attempt to bring together for the first time as complete a comprehensive and systematic record as possible of the Oriental Diptera fauna. It is being presented in three volumes: (I) Suborder Nematocera, (II) Suborder Brachycera, and (III) Suborder Cyclorrhapha.

The present volume treats the suborder Nematocera, which includes the mosquitoes, black flies, midges, gnats, and related forms. Many of these are blood-suckers and vectors of diseases of man and animals.

There are 382 valid genera and 6,226 valid species distributed among 23 families. In addition, 252 subgenera, 149 subspecies, and varieties are recognized. In all, this volume contains approximately 7,200 entries, including synonyms, errors, emendations, misidentifications, *nomina nuda* and *nomina dubia*. We believe that all pertinent names proposed from 1758 through 1970 are included.

It should be pointed out here that although we have made notable advances in dipterology, work on the Oriental fauna has not progressed as rapidly as in other zoogeographic areas. A great deal remains to be done in this part of the tropics. We are hopeful that this summary of genera and species will stimulate more active research on the Diptera fauna of the Oriental region.

Geographical Scope

No attempt will be made here to give detailed geographic enumeration of the vast and complex area covered in this catalog. Simply, it is all of the "Oriental Region" as named and bounded by Wallace (1876), and islands east to Weber's Line (Scrivenor et al. 1943; Mayr 1944), as shown in the endsheets. So far as the northern limits of the region are concerned, we have followed much more closely the original boundary. Thus, the area consists of India, East and West Pakistan, Ceylon, southern China to the limits of the Palaearctic region, the Philippines, Burma to the Sunda Islands, Borneo, Celebes, and adjacent islands along Weber's Line. It also includes the Ryukyu Islands, Hainan, Formosa, Maldive and Laccadive Islands, Andaman, and Nicobar Islands.

General Information

In presenting this catalog we have used as guides the North American Diptera Catalog, and the Synoptic Catalog of the Mosquitoes of the World. Although the format follows much more closely that of the mosquito catalog, the arrangement and treatment of most subjects are essentially the same as in the North American catalog. It will therefore suffice here to indicate only the general features of this work.

The names of subfamilies, families, and tribes are arranged taxonomically; the genus- and species-group names are listed alphabetically. Valid names are printed in boldface type, and synonymous names are italicized for both genus- and species-groups. Synonyms of species are indented and listed chronologically. Errors and emendations are given following the name misspelled or emended but these are limited to those occurring in the area or those found frequently in the Oriental literature. Only synonyms based on Oriental species are included unless the names have come into significant usage in the literature. Names below the species level are listed as subspecies or varieties, and are arranged in alphabetical order. *Nomina nuda* are listed in synonymy if the application is known, or at the end of each family if not known. *Nomina dubia* are placed separately at the end of each family. Both names are in italic type. Names of uncertain generic position are placed separately at the end of the applicable tribe, subfamily or family, or if of uncertain subgeneric position, at the end of the genus. If the identity of the species remains unknown, or obviously new species are undescribed, these are included under the appropriate genus as "unnamed sp." or "ssp." In cases where extralimital names are being wrongly applied for Oriental species, they are simply listed in alphabetical order followed by the notation "Not Oriental." If a name has been misapplied to only one Oriental species, it is then listed in the synonymy of that species, thus: "*saltens*, authors, not Doleschall." Apart from those cited in the introductory remarks for each family, important references in the text under the subfamily- or genus-groups have been limited. Information on type specimens and depositories is not included.

For geographic names, the *National Geographic Magazine Maps of Southeast Asia* (1961), *Southwest Asia* (1963), and *China* (1964) are used here as standard references.

The abbreviations of the names of periodicals follow those of the *World List of Scientific Periodicals Published in the Years 1900-1960, 4th edition* (Brown

and Stratton, editors, 1963-1965). For other publications not included there we have attempted to follow as closely as possible the same system.

Type-locality data as far as possible are as cited in the original description, although certain common place names have been given in the spellings which appear in the National Geographic maps. Additional geographic information is enclosed in brackets if province or state, in parentheses if alternate names. Where older, ambiguous type-localities are difficult to trace, these are given in quotation marks. Infrequently, we have made slight modifications of the original type-locality data.

Distribution is given for each valid species only by country, island, or island groups in alphabetical order; outlying islands are treated as separate units apart from the mainland. For example: Nias or Simeulue off the west coast of Sumatra, and Anambas Islands, 200 miles northeast of Singapore in the China Sea, administratively belong to Sumatra but we have listed them separately in the general distribution. For India and China, we have selected to include the chief political divisions, e.g. provinces or states are enclosed in brackets. Included in the Indian provinces are Assam, which is an extension of India, and Sikkim in the eastern Himalayas. Similarly, the Philippine Islands, if known, are enclosed in brackets, in a north to south order. Where "Chiua" alone appears in the distribution, it is presumed that it refers to southern China. If the province(s) or island(s) are given in the type localities of the valid and synonymous species, these are not repeated in the general distribution data. For example:

urdhvakantaka Schmid. —India [Sikkim].

1970, *Naturaliste can.* 97:508 (♂ ♀). Type-loc: Bara Hata. [W Bengal] India.

Extralimital distribution follows Oriental distribution after a semi-colon. If doubtful records are included, these are preceded by a question mark. Because of the many changes in the names of the countries and their boundaries, it has been difficult to give uniform place names.

Genera and Subgenera: Except for errors and emendations, each genus-group name is followed by author, date, original reference only, volume, page (rarely plate or figure), type-species, and nature of type fixation. For the type-species, the original combination is cited, the generic name omitted if it is the same as that of the present genus. If the type-species is now a synonym, the present valid name is given. Citations for the typical subgenus follow the generic rather than the subgeneric heading. For type designation of the genus-group, the rules as required by the International Code of Zoological Nomenclature have been strictly applied. If a type-species is misidentified we have given the originally included nominal species that was named as type, the type fixation followed by "misidentified," and the actual species accepted as the type-species. For example: Genus *Corethra*, "*Type-species, Tipula culiciformis* de Geer, by monotypy; misidentified, =*lateralis* Meigen."

Species, Subspecies and Varieties: Each species-group name is followed by author, date, original reference only, volume, page (rarely plate or figure), sex or stages described, type-locality (or localities in cases of syntypes) and host(s), if known.

If there has been a generic change of name or change in status, the original generic name or status is given following sex or stages described in parentheses.

In this catalog there are a few invalid or unavailable names, under the International Code, which specialists have selected to use. This is a pity. We are aware that the use of nomenclaturally incorrect names should require application to the International Commission for suspension of the Rules under its plenary powers.

Classification

The following arrangement of the families within superfamilies, with the exception of Psychodidae, has been adopted from Stone et al. (1965). The number of valid genera and species in the Oriental region is given.

	GENERA	SPECIES
Suborder Nematocera	(382)	(6,226)
Superfamily Tipuloidea	(76)	(3,223)
Family Trichoceridae	2	25
Family Tipulidae	74	3,198
Superfamily Psychodoidea	(23)	(333)
Family Tanyderidae	1	3
Family Psychodidae	17	227
Family Phlebotomidae	2	86
Family Ptychopteridae	2	16
Family Nymphomyiidae	1	1
Superfamily Culicoidea	(117)	(1,826)
Family Blephariceridae	6	21+27 unnamed
Family Deuterophlebiidae	1	1+1 unnamed
Family Dixidae	1	15
Family Chaoboridae	2	8
Family Culicidae	20	806
Family Thaumaleidae	1	15
Family Ceratopogonidae	29	521
Family Chironomidae	56	346+4 unnamed
Family Simuliidae	1	93+1 unnamed
Superfamily Anisopodoidea	(3)	(22)
Family Anisopodidae	3	22
Superfamily Bibionoidea	(5)	(125)
Family Bibionidae	4	124
Family Pachyneuridae	1	1
Superfamily Mycetophiloidea	(158)	(697)
Family Mycetophilidae	39	185
Family Sciaridae	20	156
Family Scatopsidae	7	24
Family Cecidomyiidae	92	332+1 unnamed

New Names Proposed in this Catalog

Tipulidae:	<i>Antocha neoflavella</i> Alexander and Alexander
	<i>Ctenophora enderleini</i> Alexander and Alexander
	<i>Gonomyia neapiculata</i> Alexander and Alexander
	<i>G. pilosistylata</i> Alexander and Alexander
	<i>Limonia edwardsiana</i> Alexander and Alexander.
	<i>L. neosolicita</i> Alexander and Alexander
	<i>Tipula singhalica</i> Alexander and Alexander
	<i>T. takahashii</i> Alexander and Alexander.
Ceratopogonidae:	<i>Forcipomyia calcarhelea</i> Wirth
	<i>F. tokunagai</i> Wirth
	<i>Nilobezzia kiefferi</i> Wirth
Chironomidae:	<i>Polypedilum johannseni</i> Sublette and Sublette
Bibionidae:	<i>Plecia brunettii</i> Hardy
Sciaridae:	<i>Bradysia asiatica</i> Steffan
	<i>Schwenkfeldina brevantenna</i> Steffan
	<i>Sciara bengalensis</i> Steffan
	<i>S. borneensis</i> Steffan
	<i>S. brunettii</i> Steffan
Cecidomyiidae:	<i>Apoasphondylia</i> Gagné
	<i>Horidiplosis ficicola</i> Gagné
	<i>Orseolia caulicola</i> Gagné
	<i>O. sallae</i> Gagné
	<i>O. similis</i> Gagné
	<i>Triommata cybele</i> Gagné
	<i>Vanchidiplosis similis</i> Gagné

- filipinae* Quate. —Philippines.
1965, Pacif. Insects 7:820 (♂). Type-loc: Lemesahan, 25 km N of Zamboanga City, Zamboanga del Sur, [Mindanao] Philippines.
- malayensis* Quate. —Malaya.
1962, Pacif. Insects 4:221 (♂ ♀). Type-loc: Batu Caves, Kuala Lumpur, Malaya.

Subfamily HORAIELLINAE

Genus HORAIELLA Tonnoir

- Horaiella* Tonnoir, 1933, Rec. Indian Mus. 35:54. Type-species, *prodigiosa* Tonnoir, by original designation. Reference: Fairchild 1955:183.
- consimilis* Tonnoir. —India.
1933, Rec. Indian Mus. 35:60 (♂ ♀ P). Type-loc: Stream 3 mi fr Teesta Bridge, India.
- kuatunensis* Alexander. —China.
1953, Bull. Brooklyn ent. Soc. 48:41 (♂). Type-loc: Ta-chu-lan, Kuantun, [Fukien] China.
- prodigiosa* Tonnoir. —India.
1933, Rec. Indian Mus. 35:54 (♂ ♀ L P). Type-loc: Stream 3 mi fr Teesta, India.

Subfamily PSYCHODINAE

Genus PERICOMA Walker

- Pericoma* Walker, 1856, Insecta Britannica 3:263. Type-species, *Trichoptera trifasciata* Meigen, by designation of Coquillett 1910:587. Reference: Duckhouse 1966:155.
- coei* Vaillant. —Nepal.
1965, Bull. Br. Mus. nat. Hist. (Ent.) 17:224 (♂ ♀). Type-loc: Sangu, Nepal.
- fo-no. 1* Tokunaga. —Formosa.
1957, Scient. Rep. Saikyo Univ. 9:75 (♀). Type-loc: Mount Ari, Formosa.
- marginotata* Brunetti. —India.
1908, Rec. Indian Mus. 2:381 (♂ ♀). Type-loc: Simla, India. Reference: Quate 1962a:164.
- marginipunctata*, error.
- bella* Brunetti, 1908, Rec. Indian Mus. 2:383 (♀). Type-loc: Darjeeling, [W Bengal] India.
- metatarsalis* Brunetti. —India.
1911, Rec. Indian Mus. 4:305 (♀). Type-loc: Simla, Simla District, India. Reference: Quate 1962a:161.
- khasiensis* Senior-White, 1922, Mem. Dep. Agric. India (ent. Ser.) 7:125 (♂ ♀; *metatarsalis* var.). Type-loc: Mawphlang, Khasia Hills, [Assam] India.

- mixta* Brunetti. —India.
1911, Rec. Indian Mus. 4:306 (♀). Type-loc: Simla, India. Reference: Quate, 1962a:163.
- singularis* Quate. —India.
1962, Proc. Hawaii. ent. Soc. 18:166 (♂). Type-loc: nr Ghoom, Darjeeling District, [W Bengal] India.
- spiniornis* Brunetti. —Formosa, India.
1908, Rec. Indian Mus. 2:378 (♂). Type-loc: Kurseong, Darjeeling District, [W Bengal]; Simla, India. Reference: Quate 1962a:159.
- appendiculata* Brunetti, 1908, Rec. Indian Mus. 2:379 (♀). Type-loc: Kurseong, Darjeeling District, [W Bengal] India.
- unicolor* Brunetti, 1911, Rec. Indian Mus. 4:309 (♀). Type-loc: Kurseong, [W Bengal] India.
- formosana* Tokunaga, 1957, Scient. Rep. Saikyo Univ. 9:73 (♂ ♀). Type-loc: Mount Ari, Formosa.

Genus NOTIOCHARIS Eaton

- Notiocharis* Eaton, 1913, Trans. Linn. Soc. Lond. (Zool.) (2) 15:427. Type-species, *insignis* Eaton, by monotypy. Reference: Duckhouse 1966:166.
- femoralis* Quate. —Philippines.
1965, Pacif. Insects 7:850 (♂). Type-loc: Mount Maquiling, Laguna, [Luzon] Philippines.
- filipinae* Quate. —Philippines.
1965, Pacif. Insects 7:850 (♂ ♀). Type-loc: Mount Maquiling, Laguna, [Luzon] Philippines.
- kalabakensis* Quate. —Borneo.
1962, Pacif. Insects 4:33 (♂ ♀). Type-loc: Kalabakan River, 50 km W of Tawau, N Borneo.
- sarawakensis* Quate. —Borneo.
1962, Pacif. Insects 4:35 (♂ ♀). Type-loc: Bau, Bau District, Sarawak.
- stellae* Quate. —Borneo, Philippines [Luzon, Mindanao]; New Guinea.
1962, Pacif. Insects 4:33 (♂ ♀). Type-loc: Ranau, N Borneo.

Genus PARATELMATOSCOPIUS Satchell

- Telmatoscopus*, subg. *Paratelmatoscopus* Satchell, 1953, Aust. J. Zool. 1:393. Type-species, *Telmatoscopus variegatus* Satchell, by original designation. Reference: Duckhouse, 1966:169.
- borneensis* Quate. —Borneo.
1962, Pacif. Insects 4:31 (♂). Type-loc: Gomantong Caves, 30 km S of Sandakan, N Borneo.
- candidus* (Satchell). —Malaya.
1958, Rec. Indian Mus. 53:33 (♀; *Telmatoscopus*). Type-loc: Fraser's Hill, Pahang, Malay Peninsula.
- floricolus* Quate. —Borneo.
1962, Pacif. Insects 4:28 (♂ ♀ L). Type-loc: Tenompok, N Borneo.

mediterraneum Puri. —India [Punjab], W Pakistan; N Africa from Morocco to Tunisia, Mediterranean Europe, Middle East.

1925, Ann. Mag. nat. Hist. (9) 16:254 (P L; *equinum* var.). Type-locs (of syntype imm. stages): Chebika and Redeyef, Tunisia; El Outay, nr Biskra, Algeria; Oreovica ravine, Salonika, Greece; nr Jerusalem, Israel.

paraequinum Puri. —W Pakistan; Iran, Israel, Jordan, USSR (Armenia).

1933, Indian J. med. Res. 21:15 (♂ ♀ P L). Type-loc: Wah stream nr Hassan Abdel, Campbellpur District, W Pakistan.

Subgenus Uncertain

carinatum Delfinado. —Philippines [Negros].

1969, J. med. Ent. 6:206 (♂ ♀ P). Type-loc: Mount Isarog, Camarines Sur, [Luzon] Philippines.

indicum Becher. —Burma, India [W Bengal], Thailand.

1885, J. Asiat. Soc. Beng. (1884) 53:199 (♀). Type-loc: [Assam], India.

nigrogilvum Summers, 1911, Ann. Mag. nat. Hist. (8) 7:586 (♀). Type-loc: holotype labelled, "Siam: Hills E. of Menam" (=slopes of Doi Irtanon (Doi Angkā), E of Me Nam (River Chem or Jeam), Chiangmai area, Thailand). For detail of original locality amplifying original description see Garrett and Kerr 1925.

kashmiricum Edwards. —India.

1927, Bull. ent. Res. 18:169 (♀). Type-loc: Chilas, nr Gilgit, [Kashmir] India. (Almost certainly synonymous with *indicum*.)

Species of Dubious Records

ornatum Meigen. —?India; Widespread Palearctic region.

1818, Syst. Besch. europ. zweifl. Insekt. 1:290 (*Simulium*). Type-loc: Germany. Specimens reported by Puri 1932:513 as labelled Cannanore, error of labelling probable.

Prosimum sp. —NW Himalaya (Mani 1962:212).

Superfamily ANISOPODOIDEA

Family ANISOPODIDAE

(*Rhyphidae*, *Phryneidae*, *Sylvicolidae*)

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This small, widely distributed family has had a stormy career, both taxonomically and nomenclaturally. It has been placed with the Tipulidae, the Bibionidae, and in part with the Mycetophilidae before finally achieving family status. The nomenclatural difficulties over the name of the type-genus have resulted in four different family names being used. The adults may be rather common in small swarms, often around tree trunks. The immature stages are found in decaying organic matter such as fermenting sap and mammalian manure.

References: Brunetti 1911; Edwards 1928a.

Subfamily ANISOPODINAE

Genus OL BIOGASTER Osten Sacken

Olbogaster Osten Sacken, in Godman and Salvin 1886, Biologia cent.-am. (Zool.) 1:20. Type-species, *Rhyphus taeniatus* Bellardi, by designation of Coquillett 1910:579.

orientalis Edwards. —Ceylon.

1915, Ann. Mag. nat. Hist. (8) 16:504 (♀). Type-loc: Pundoluayo, Ceylon.

var. **fulviventris** Edwards. —Ceylon.

1927, Spolia zeylan. 14:120 (♀). Type-loc: Hakgala, Ceylon.

zeylanicus Senior-White. —Ceylon.

1922, Mem. Dep. Agric. India (ent. Ser.) 7:141 (♂ ♀). Type-loc: Suduganga, Matale, Ceylon.

zonatus Edwards. —Formosa.

1934, Stylops 3:185 (♂). Type-loc: Toyenmongai, Formosa.

Genus SYLVICOLA Harris

Sylvicola Harris, 1776, Exp. engl. Insects: 100. Type-species, *brevis* Harris, by designation of Coquillett 1910:610, =*fenestralis* (Scopoli).

Phyrne Meigen, 1800, Nouv. Class. Mouches:16. Type-species, *Tipula fuscata* Fabricius, by designation of Coquillett 1910:589. Suppressed by I.C.Z.N. 1963. Opinion 678:339.

- Anisopus* Meigen, 1803, Magazin InsektK de 2:264. Type-species, *fuscus* Meigen, by designation of Coquillett 1910:507, =*fuscata* Fabricius.
- Rhyphus* Latreille, 1804, Tab. méth. Ins. 24:188. Type-species, *Tipula fenestralis* Scopoli (as *fenestratum*), by monotypy.
- bivittatus* (Edwards). —Borneo.
1933, J. fed. Malay St. Mus. 17:247 (♂; *Anisopus*). Type-loc: Lumu Lumu, Mount Kinabalu, Borneo. N. comb.
- borneanus* (Edwards). —Borneo.
1933, J. Fed. Malay St. Mus. 17:246 (♂ ♀; *Anisopus*). Type-loc: Mount Kinabalu, Borneo. N. comb.
- distinctus* (Brunetti). —Formosa, India, Ryukyu Islands.
1911, Rec. Indian Mus. 4:262 (♂ ♀; *Rhyphus*). Type-locs: Darjeeling, and Kurseong, [W Bengal] India. N. comb.
- divisus* (Brunetti). —India.
1911, Rec. Indian Mus. 4:263 (♂ ♀; *Rhyphus*). Type-locs: Darjeeling, Kurseong, [W Bengal]; Gangtok, Phagu, [Sikkim] India. N. comb.
- foveatus* (Edwards). —Ceylon.
1923, Ann. Mag. nat. Hist. (9) 12:479 (♂ ♀; *Anisopus*). Type-loc: Madul-sima, Ceylon. N. comb.
- fulvithorax* (de Meijere). —Sumatra.
1924, Tijdschr. Ent. (Suppl.) 67:9 (sex?; *Rhyphus*). Type-loc: Gunung Talamau, Sumatra. N. comb.
- glabrifrons* (Edwards). —Java.
1932, Treubia 14:139 (♀; *Anisopus*). Type-loc: Ongop-Ongop, Mount Idjen, E Java. N. comb.
- indicus* (Brunetti). —China, India.
1911, Rec. Indian Mus. 4:261 (♂ ♀; *Rhyphus fenestralis* var.). Type-loc: Himalayas, [Assam] India. N. comb.
- indivisus* (Edwards). —India.
1923, Ann. Mag. nat. Hist. (9) 12:482 (♂ ♀; *Anisopus*). Type-loc: Darjeeling, [W Bengal] India. N. comb.
- integratus* (Edwards). —Borneo.
1933, J. fed. Malay St. Mus. 17:247 (♀; *Anisopus*). Type-loc: Mount Kinabalu, Borneo. N. comb.
- javanensis* (Edwards). —Java.
1923, Ann. Mag. nat. Hist. (9) 12:481 (♂ ♀; *Anisopus*). Type-loc: Mount Pangrango, Java. N. comb.
- maculipennis* (van der Wulp). —Borneo, Ceylon, India, Java, Malaya.
1885, Notes Leyden Mus. 7:14 (♂; *Rhyphus*). Type-loc: Ardjoeno, Java. N. comb.
- malayensis* (Edwards). —Malaya.
1923, Ann. Mag. nat. Hist. (9) 12:480 (♀; *Anisopus*). Type-loc: Pahang, Gunong Tahan, Malaya. N. comb.
- nigroclavatus* (Edwards). —India.
1928, Genera Insect. 190:8 (♂; *Anisopus*). Type-loc: Gulmarg, [Kashinir]. N. comb.
- philippinus* (Edwards). —Philippines.
1929, Notul. ent. 9:81 (♂; *Anisopus*). Type-loc: Balbalasang, [Luzon] Philippines. N. comb.

- pulchricornis* (Brunetti). —Borneo, India, Java, Malaya, Sumatra.
1911, Rec. Indian Mus. 4: 260 (♀; *Rhyphus*). Type-loc: Siliguri, base of Darjeeling, [W Bengal] India. N. comb.
- flavipes* de Meijere, 1911, Tijdschr. Ent. 54:259 (♂ ♀; *Rhyphus*). Type-loc: Wonosobo, Bagalen, Java.
- separatus* (Edwards). —India.
1923, Ann. Mag. nat. Hist. (9) 12:482 (♂ ♀; *Anisopus*). Type-loc: Kurseong, E Himalayas, [W Bengal] India. N. comb.

Subfamily MYCETOBIIINAE

Genus MESOCHRIA Enderlein

- Mesochria* Enderlein, 1910, Trans. Linn. Soc. Lond (Zool.) (2) 4:65. Type-species, *scottiana* Enderlein, by monotypy.
- cinctipes* de Meijere. —Java.
1913, Tijdschr. Ent. 56:322 (♂). Type-loc: Batavia (Djakarta), Java.
- intermedia* Edwards. —Borneo.
1931, J. fed. Malay St. Mus. 16:491 (♀). Type-loc: Bettotan, N Borneo.

Superfamily MYCETOPHILOIDEA

Family MYCETOPHILIDAE

(*Fungivoridae*)

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The Mycetophilidae, or fungus gnats, form a large and ancient family, characterized principally by the elongate coxae, lack of the discal cell, and the usual presence of ocelli, tibial spurs, and a distinct constriction at the base of the abdomen. Most larvae show some degree of association with fungi, often living in or on the fruiting bodies. Some feed on spores or hyphae, but others are predators or, possibly, saprophytes. Many, particularly in the Keroplatae, spin mucus webs within which they live. The adults are mostly crepuscular or nocturnal, resting by day in moist, sheltered sites, particularly among forest undergrowth. They are commonly taken by sweeping or in light- or Malaise-traps.

We are here following the classification used by Laffoon (1965), based on that of Edwards (1925), although it is already clear that some substantial changes will eventually be needed. Some European workers are already recognising some or all of Edwards' subfamilies as families, but we see little justification for this at present.

The Oriental fauna seems rather poorly studied; 72 per cent of the 185 species are known from the type locality only, and many more must await discovery. However, its general structure seems fairly clear. Ditomyiinae, Bolitophilinae and Diadocidiinae are apparently absent (though at least the latter seems likely to be found eventually). As in the Australian region, the dominant genera of the tropical lowlands are *Orfelia*, *Epicrypta*, *Leia*, *Exechia*, and to a lesser extent *Neoempheria*, while in the cooler highlands a variety of temperate genera appear, with *Macrocera* and *Mycomya*, well represented.

References: Johannsen 1909 (world catalog); Edwards 1925 (classif.); Brunetti 1912 and Edwards 1924 (Indian spp.); Landrock 1926-27 (Palaearectic spp.); Tonnoir 1929a (genera); Madwar 1937 (larvae); Kessel and Kessel 1939 (biology); Buxton 1960 (biology).

Subfamily KEROPLATINAE

Genus BURMACROCERA Cockerell

Burmacrocera Cockerell, 1917, Ann. ent. Soc. Am. 10:326. Type-species, *petiolata* Cockerell, by monotypy.

minuta (Senior-White). —Ceylon, Philippines [Palawan].

1922, Spolia zeylan. 12:196 (♂; *Platyura*). Type-loc: Suduganga, Matale, Ceylon.

Genus CHETONEURA Colless

Chetoneura Colless, 1962, Pacif. Insects 4:437. Type-species, *cavernae* Colless, by original designation.

cavernae Colless. —Malaya.

1962, Pacif. Insects 4:439 (♂ ♀). Type-loc: Batu Caves, Malaya.

Genus CHIASMONEURA de Meijere

Chiasmoneura de Meijere, 1913, Tijdschr. Ent. 56:323. Type-species, *anthracina* de Meijere, by monotypy.

anthracina de Meijere. —Java.

1913, Tijdschr. Ent. 56:324 (♀). Type-loc: Wonosobo, Java.

Genus KEROPLATUS Bosc

Keroplatus Bosc, 1792, Actes Soc. Hist. nat., Paris 1:42. Type-species, *tipuloides* Bosc, by monotypy.

Ceroplatus, emendation.

Reference: Edwards 1929b (subgenera, key).

Subgenus EUCEROPATUS Edwards

Keroplatus, subg. *Euceroptatus* Edwards, 1929, Proc. Linn. Soc. N.S.W. 54:174. Type-species, *notaticoxa* Senior-White, by original designation.

innotatus Edwards. —Sumatra.

1931, Tijdschr. Ent. 74:262 (♂). Type-loc: Fort de Kock, Sumatra.

notaticoxa Senior-White. —Ceylon.

1922, Mem. Dep. Agric. India (ent. Ser.) 7:112 (♂ ♀). Type-loc: Suduganga, Matale, Ceylon.

rufus de Meijere. —Java.

1924, Tijdschr. Ent. 67:206 (sex?). Type-loc: Kopeng Forest (Merhabu-Gebirge), Salatiga, Java.

Subgenus HETEROPTERNA Skuse

Heteropterna Skuse, 1888, Proc. Linn. Soc. N.S.W. (2) 3:1166. Type-species, *maclenyi* Skuse, by monotypy.

nigrescens Edwards. —Sumatra.

1931, Tijdschr. Ent. 74:263 (♂). Type-loc: Fort de Kock, Sumatra.

quadripunctatus Brunetti. —India.

1912, Fauna Br. India. Dipt. Nematocera: 57 (♀). Type-loc: Calcutta, [W Bengal] India.

Genus **MACROCERA** Meigen

- Euphrosyne* Meigen, 1800, *Nouv. Class. Mouches*: 16. Type-species, *Macrocera lutea* Meigen, by designation of Coquillett 1910:542. Suppressed by I. C. Z. N. 1963, *Opinion* 678:339.
- Macrocera** Meigen, 1803, *Magazin InsektKde* 2:261. Type-species, *lutea* Meigen, by designation of Curtis 1837: pl. 637.
- alternata** Brunetti. —India, Nepal.
1912, *Fauna Br. India, Dipt. Nematocera*: 52 (♂ ♀). Type-loc: Naini Tal, [Uttar Pradesh] India.
- brunnea** Brunetti. —India, Nepal.
1912, *Fauna Br. India, Dipt. Nematocera*: 53 (♀). Type-loc: Phagu, Simla District, India.
- egregia** de Meijere. —Borneo, Malaya, Sumatra.
1924, *Tijdschr. Ent. (Suppl.)* 67:3 (sex?). Type-loc: Gunung Talamau, Sumatra.
- bifasciata** Edwards, 1926, *Sarawak Mus. J.* 3:244 (♂). Type-loc: Mount Penrissen, Sarawak.
- elegans** Brunetti. —India, Nepal.
1912, *Fauna Br. India, Dipt. Nematocera*: 54 (♂). Type-loc: Darjeeling, [W Bengal] India.
- ephemeraeformis** Alexander. —Borneo, India [Assam], Malaya; Japan.
1924, *Insector Inscit. menst.* 12:53 (♂). Type-loc: Kawamata, Shimotsuke-no-Kuni, Japan.
- femina** Coher. —Thailand.
1963, *Bull. Brooklyn ent. Soc.* 58:31 (?). Type-loc: Chong, Trang Province, Thailand.
- flavicoستا** Brunetti. —?India.
1912, *Fauna Br. India, Dipt. Nematocera*: 53 (♀). Type-loc: probably India.
- fryeri** Edwards. —Ceylon.
1913, *Ann. Mag. nat. Hist.* (8) 12:200 (♂). Type-loc: Peradeniya, Ceylon.
- ineonspicua** Brunetti. —India [Himachal Pradesh].
1912, *Fauna Br. India, Dipt. Nematocera*: 54 (♂). Type-loc: Kaladhungi, Naini Tal District, Kumaon, [Uttar Pradesh], India.
- ferruginea** Brunetti, 1912, *Fauna Br. India, Dipt. Nematocera*: 55 (?). Type-loc: Bhim Tal, Kumaon, [Uttar Pradesh] India. **N. syn.**
- klossi** Edwards. —Borneo.
1933, *J. fed. Malay St. Mus.* 17:226 (♂ ♀). Type-loc: Kamborangah, Mount Kinabalu, Borneo.
- microsticta** Edwards. —Java.
1932, *Treubia* 14:137 (?). Type-loc: Mount Idjen, E Java.
- nepalensis** Coher. —Nepal.
1963, *Bull. Brooklyn ent. Soc.* 58:28 (♂). Type-loc: Suparitar, Nepal.
- ornata** Brunetti. —India.
1912, *Fauna Br. India, Dipt. Nematocera*: 51 (♂ ♀). Type-locs: Darjeeling, and Kurseong, [W Bengal] India.

- picturata** Edwards. —Borneo.
1933, *J. fed. Malay St. Mus.* 17:225 (♂). Type-loc: Kamborangah, Mount Kinabalu, Borneo.
- simbhanjangana** Coher. —Nepal.
1963, *Bull. Brooklyn ent. Soc.* 58:30 (♂ ?). Type-loc: Simbhanjang, Mahabharat Range, Nepal.
- trinubila** Edwards. —Borneo.
1933, *J. fed. Malay St. Mus.* 17:225 (♀). Type-loc: Kamborangah, Mount Kinabalu, Borneo.
- trispina** Coher. —Nepal.
1963, *Bull. Brooklyn ent. Soc.* 58:29 (♂). Type-loc: Suna Chudi, Nepal.
- vishnui** Coher. —Nepal.
1963, *Bull. Brooklyn ent. Soc.* 58:31 (♂). Type-loc: Simbhanjang, Mahabharat Range, Nepal.

Genus **ORFELIA** Costa

- Zelmira* Meigen, 1800, *Nouv. Class. Mouches*: 16. Type-species, *Platyura fasciata* Meigen, by designation of Coquillett 1910:621. Suppressed by I. C. Z. N. 1963, *Opinion* 678:339.
- Orfelia** Costa, 1857, *Giambatt. Vico G. sci. Naples* 2:448. Type-species, *Platyura fasciata* Meigen, by designation of Hardy 1960:200.
- Platyura*, authors, not Meigen.
Reference: Edwards 1929b (subgenera, key).

Subgenus **ISONEUROMYIA** Brunetti

- Isoneuromyia** Brunetti, 1912, *Fauna Br. India, Dipt. Nematocera*: 66. Type-species, *annandalei* Brunetti, by monotypy.
- annandalei annandalei** (Brunetti). —Ceylon, E Pakistan, India [Kerala].
1912, *Fauna Br. India, Dipt. Nematocera*: 67 (♀; *Isoneuromyia*: as sp.). Type-loc: Sylhet (E Pakistan). **N. comb.**
- ssp. **formosana** (Okada). —Formosa.
1938, *Tenthredo* 2:36 (♂; *Zelmira*: as form). Type-loc: Urai, Formosa.
- elegantissima** (Tollet). —Java.
1950, *Bull. Inst. r. Sci. nat. Belg.* 26 (24):2 (♂; *Platyura*). Type-loc: Tengah, Mount Djampang, Tjiangsana, Java. **N. comb.**
- grandis** (Brunetti). —India.
1912, *Fauna Br. India, Dipt. Nematocera*: 60 (♂ ♀; *Platyura*). Type-loc: Mussoorie, [Uttar Pradesh] India. **N. comb.**
- polybioides** (Edwards). —Borneo.
1933, *J. fed. Malay St. Mus.* 17:226 (♂ ♀; *Platyura*). Type-loc: Lumu Lumu, Mount Kinabalu, Borneo. **N. comb.**
- pulcherrima** (Tollet). —Java.
1950, *Bull. Inst. r. Sci. nat. Belg.* 26 (24):3 (♂; *Platyura*). Type-loc: Bibidjilan, Mount Djampang, Java. **N. comb.**

- rufescens** (Brunetti). —India.
1912, Fauna Br. India, Dipt. Nematocera: 559 (♀; *Isoneuromyia*). Type-loc: Simla, India. **N. comb.**
- xanthina** (Edwards). —Borneo.
1931, J. fed. Malay St. Mus. 16:487 (♂; *Platyura*). Type-loc: Bettotan, Borneo. **N. comb.**

Subgenus LAURYPTA Edwards

- Platyura*, subg. **Laurypta** Edwards, 1929, Proc. Linn. Soc. N. S. W. 54:171. Type-species, *leptura* Edwards, by original designation.
- leptura** (Edwards). —Malaya.
1928, J. fed. Malay St. Mus. 14:3 (♂ ♀; *Platyura*). Type-loc: Lubok Tamang, Pahang, Malaya. **N. comb.**
- tripunctata** (Senior-White). —Ceylon.
1924, Spolia zeylan. 12:375 (♀; *Platyura*). Type-loc: Suduganga, Matale, Ceylon. **N. comb.**

Subgenus NEOPLATYURA Malloch

- Neoplasyura** Malloch, 1928, Proc. Linn. Soc. N.S.W. 53:601. Type-species, *Platyura setiger* Johannsen, by original designation.
- tjibodensis** (Edwards). —Java.
1927, Treubia 9:357 (♀; *Platyura*). Type-loc: Tjibodas, Java. **N. comb.**

Subgenus ORFELIA Costa

- affinis** (Brunetti). —India.
1912, Fauna Br. India, Dipt. Nematocera: 62 (♀; *Platyura*). Type-loc: Darjeeling, [W Bengal] India. **N. comb.**
- apicipennis** (Brunetti). —India.
1912, Fauna Br. India, Dipt. Nematocera: 61 (♂?; *Platyura*). Type-loc: Naini Tal, [Uttar Pradesh] India. **N. comb.**
- flaviventris** (Brunetti). —India.
1912, Fauna Br. India, Dipt. Nematocera: 62 (♀; *Platyura*). Type-loc: Darjeeling, [W Bengal] India. **N. comb.**
- limbata** (Brunetti). —India.
1917, Rec. Indian Mus. 13:61 (n. name for *Platyura marginata* Brunetti). **N. comb.**
- marginata* Brunetti, 1912, Fauna Br. India, Dipt. Nematocera: 62 (♂ ♀; *Platyura*; preocc. Meigen 1804). Type-loc: Naini Tal, [Uttar Pradesh] India.

Subgenus PROCEROPLATUS Edwards

- Proceroplatus** Edwards, 1925, Trans. ent. Soc. Lond. 1924:523. Type-species, *Platyura pictipennis* Williston, by original designation.
- limpidapex** (Edwards). —Borneo.
1931, J. fed. Malay St. Mus. 16:487 (♂ ♀; *Platyura*). Type-loc: Bettotan, Borneo. **N. comb.**

- poecilopterus** (Edwards). —Ceylon.
1927, Spolia zeylan. 14:117 (♀; *Proceroplatus*). Type-loc: Niroddumanai, nr Trineomalee, Ceylon. **N. comb.**
- pulchripennis** (Senior-White). —Ceylon.
1922, Spolia zeylan. 12:195 (♂; *Ceroplatus*). Type-loc: Suduganga, Matale, Ceylon. **N. comb.**
- suffusineris** (Brunetti). —E Pakistan.
1912, Fauna Br. India, Dipt. Nematocera: 60 (♂ ♀; *Platyura*). Type-loc: Sylhet (E Pakistan). **N. comb.**

Subgenus RALYTUPA Edwards

- Platyura*, subg. **Ralytupa** Edwards, 1929, Proc. Linn. Soc. N. S. W. 54:171. Type-species, *pendleburyi* Edwards, by original designation.
- pendleburyi** (Edwards). —Thailand.
1928, J. fed. Malay St. Mus. 14:3 (♂; *Platyura*). Type-loc: Nakhon Si Thammarat, Khao Luang, Thailand. **N. comb.**

Subgenus RUTYLAPA Edwards

- Platyura*, subg. **Rutylapa** Edwards, 1929, Proc. Linn. Soc. N. S. W. 54:171. Type-species, *ruficornis* Zetterstedt, by original designation.
- binocellifera** (Edwards). —Borneo.
1933, J. fed. Malay St. Mus. 17:229 (♀; *Platyura*). Type-loc: Lumu Lumu, Mount Kinabalu, Borneo. **N. comb.**
- juxta** (Senior-White). —Ceylon, E Pakistan, India [Uttar Pradesh].
1922, Mem. Dep. Agr. India (ent. Ser.) 7:113 (♀; *Platyura*). Type-loc: Suduganga, Matale, Ceylon: **N. comb.**
- ruficornis* Brunetti, 1912, Fauna Br. India, Dipt. Nematocera: 64 (♀; *Platyura*; preocc. Zetterstedt 1851). Type-loc: not designated.
- kinabaluensis** (Edwards). —Borneo.
1933, J. fed. Malay St. Mus. 17:228 (♂ ♀; *Platyura*). Type-loc: Lumu Lumu, Mount Kinabalu, Borneo. **N. comb.**
- penrissensis** (Edwards). —Borneo.
1926, Sarawak Mus. J. 3:245 (♂; *Platyura*). Type-loc: Mount Penrissen, Sarawak. **N. comb.**

Subgenus TRUPLAYA Edwards

- Platyura*, subg. **Truplaya** Edwards, 1929, Proc. Linn. Soc. N. S. W. 54:170. Type-species, *venusta* Walker, by original designation.
- flavorialis** (Speiser). —Formosa.
1911, Jb. nassau. Ver. Naturk. 64:237 (♀; *Zelmira*). Type-loc: Takao, Formosa. **N. comb.**
- fumipes** (Brunetti). —Ceylon.
1912, Fauna Br. India, Dipt. Nematocera: 66 (♂; *Platyura*). Type-loc: Peradeniya, Ceylon. **N. comb.**
- venusta** (Walker). —India [Bihar, Uttar Pradesh, W Bengal], E Pakistan.
1856, Insecta Saundersiana 1:421 (♀; *Platyura*). Type-loc: "East Indies." **N. comb.**

Subgenus URYTALPA Edwards

Platyura, subg. *Urytalpa* Edwards, 1929, Proc. Linn. Soc. N. S. W. 54:169. Type-species, *ochracea* Meigen, by original designation.
vicina (Brunetti). —India.

1912, Fauna Br. India, Dipt. Nematocera: 63 (♂; *Platyura*). Type-loc: Naini Tal, [Uttar Pradesh] India. N. comb.

Subgenus XENOPLATYURA Malloch

Xenoplasyura Malloch, 1928, Proc. Linn. Soc. N. S. W. 53:601. Type-species, *Platyura conformis* Skuse, by original designation.

longifurcata (Brunetti). —India.

1912, Fauna Br. India, Dipt. Nematocera: 65 (♂ ♀; *Platyura*). Type-loc: Kurseong, [W Bengal] India. N. comb.

lunifrons (Senior-White). —Ceylon, Sumatra.

1922, Mem. Dep. Agric. India (ent. Ser.) 7:114 (♀; *Platyura*). Type-loc: Suduganga, Matale, Ceylon. N. comb.

octosegmentata (Brunetti). —India.

1912, Fauna Br. India, Dipt. Nematocera: 64 (♂; *Platyura*). Type-loc: Allahabad, [Uttar Pradesh] India. N. comb.

Unplaced species of Orfelia

indistincta (Brunetti). —India.

1912, Fauna Br. India, Dipt. Nematocera: 65 (♂; *Platyura*). Type-loc: Kurseong, [W Bengal] India. N. comb.

funerea (Brunetti). —India.

1912, Fauna Br. India, Dipt. Nematocera: 65 (♀; *Platyura*). Type-loc: Gangtok, [Sikkim]. N. comb.

flavomarginata (Brunetti). —India.

1912, Fauna Br. India, Dipt. Nematocera: 66 (♂; *Platyura*). Type-loc: Naini Tal, [Uttar Pradesh] India. N. comb.

Genus PLATYCERIDION Tolle

Platyoceridion Tolle, 1955, Bull. Inst. r. Sci. nat. Belg. 31 (45):22. Type-species, *Platyura talaroceroides* Senior-White, by original designation.

talaroceroides (Senior-White). —Ceylon.

1921, Spolia zeylan. 11:381 (♂; *Platyura*). Type-loc: Suduganga, Matale, Ceylon.

Genus RHYNCHOPLATYURA de Meijere

Rhynchoplatyura de Meijere, 1916, Tijdschr. Ent. (Suppl.) 58:2. Type-species, *longirostris* de Meijere, by monotypy.

longirostris de Meijere. —Borneo, Malaya, Simeulue Island.

1916, Tijdschr. Ent. (Suppl.) 58:3 (♂ ♀). Type-loc: Simalur Island.

Subfamily LYGISTORRHININAE

Reference: Tuomikoski, 1966c (rev.).

Genus LYGISTORRHINA Skuse

Lygistorrhina Skuse, 1890, Proc. Linn. Soc. N. S. W. (2)5:598. Type-species, *insignis* Skuse, by monotypy.

asiatica Senior-White. —Ceylon.

1922, Spolia zeylan. 12:196 (♂). Type-loc: Suduganga, Matale, Ceylon.

cineticornis Edwards. —Borneo.

1926, Sarawak Mus. J. 3:245 (♂). Type-loc: Mount Murud, Sarawak.

Subfamily SCIOPHILINAE

Tribe GNORISTINI

Genus BOLETINA Staeger

Boletina Staeger, 1840, Naturh. Tidsskr. 3:233. Type-species, *Leia trivittata* Meigen, by designation of Johannsen 1909:73.

brevirostris (Brunetti). —India.

1912, Fauna Br. India, Dipt. Nematocera: 83 (♀ not ♂; *Gnoriste*). Type-loc: Mundali, Dehra Dun District, [Uttar Pradesh] India.

flavohirta (Brunetti). —India, Philippines.

1912, Fauna Br. India, Dipt. Nematocera: 86 (♂, *Palaeoanaclinia*). Type-loc: Darjeeling, [W Bengal] India.

pahangensis Edwards. —Malaya.

1928, J. fed. Malay St. Mus. 14:5 (♂). Type-loc: Cameron Highlands, Pahang, Malaya.

spathulata (Brunetti). —India.

1912, Fauna Br. India, Dipt. Nematocera: 84 (♂; *Gnoriste*). Type-loc: Darjeeling, [W Bengal] India. N. comb.

Genus COELOSIA Winnertz

Coelosia Winnertz, 1863, Verh. zool.-bot. Ges. Wien 13:796. Type-species, *Boletina flava* Staeger, by designation of Johannsen 1909:86.

Euryschalis Brunetti, 1912, Fauna Br. India, Dipt. Nematocera: 559. Type-species, *spectralis* Brunetti, by original designation.

spectralis (Brunetti). —India.

1912, Fauna Br. India, Dipt. Nematocera: 560 (♂; *Euryschalis*). Type-loc: Kurseong, [W. Bengal] India.

Tribe MYCOMYINI

Genus MYCOMYA Rondani

- Mycomya* Rondani, 1856, Dipterol. ital. Prodr. 1:194. Type-species, *Sciophila marginata* Meigen, by monotypy.
Mycomyia, emendation.
Sciophila, authors, not Meigen.
curvilinea Brunetti. —India.
 1912, Fauna Br. India, Dipt. Nematocera: 77 (♂). Type-loc: Tonglu, Darjeeling District, [W Bengal] India.
fimbriata (Meigen). —India; Europe.
 1818, Syst. Besch. europ. zweifl. Insekt. 1:247 (♂; *Sciophila*). Type-loc: Europe.
flavithorax Brunetti, 1912, Fauna Br. India, Dipt. Nematocera: 77 (♂). Type-loc: Darjeeling, [W Bengal] India.
flaviventris Brunetti. —Ceylon, India.
 1912, Fauna Br. India, Dipt. Nematocera: 72 (♂ ♀). Type-loc: Kurseong, [W Bengal] India.
incerta (Brunetti). —India.
 1912, Fauna Br. India, Dipt. Nematocera: 79 (♂; *Polylepta*). Type-loc: Mundali, Dehra Dun District, [Uttar Pradesh] India.
indefinita Brunetti. —India [Himachal Pradesh].
 1912, Fauna Br. India, Dipt. Nematocera: 76 (♂ ♀?). Type-loc: Darjeeling, [W Bengal] India.
indica Brunetti. —India [Himachal Pradesh].
 1912, Fauna Br. India, Dipt. Nematocera: 76 (♂ ♀). Type-locs: Simla, and Phagu, India.
klossi Edwards. —Borneo.
 1931, J. fed. Malay St. Mus. 16:488 (♂). Type-loc: Bettotan, Borneo.
minutata Edwards. —Sumatra.
 1931, Tijdschr. Ent. 74:266 (♂ ♀). Type-loc: Fort de Kock, Sumatra.
unipectinata Edwards. —Ceylon.
 1927, Spolia zeylan. 14:118 (♂). Type-loc: N Eliya, Ceylon.
winnertzi (Dziedzicki). —India; Europe.
 1885, Pam. fizyogr. 5:23 (♂; *Sciophila*). Type-loc: Central Europe.
trilineata Brunetti, 1912, Fauna Br. India, Dipt. Nematocera: 75 (♂). Type-loc: Simla, India.

Genus NEOEMPHERIA Osten Sacken

- Empheria* Winnertz, 1863, Verh. zool.-bot. Ges. Wien 13:738 (preocc. Hagen 1856).
 Type-species, *Sciophila striata* Meigen, by designation of Coquillett 1910:537.
Neoempheria Osten Sacken, 1878, Smithson. misc. Collns 16:9 (n. name for *Empheria* Winnertz). Type-species, *Sciophila striata* Meigen, automatic.
Sciophila, authors, not Meigen, in part.
Mycomyia, authors, not Rondani, in part.

- apicalis* (de Meijere). —Java.
 1907, Tijdschr. Ent. 50:204 (♂; *Empheria*). Type-loc: Semarang, Java.
basalis (Brunetti). —India.
 1912, Fauna Br. India, Dipt. Nematocera: 73 (♂; *Mycomyia*). Type-loc: Bhowali, Kumaon, [Uttar Pradesh] India. N. comb.
bifascipennis (Brunetti). —Ceylon, India [Himachal Pradesh].
 1912, Fauna Br. India, Dipt. Nematocera: 72 (♀; *Mycomyia*). Type-loc: Kumaon District, [Uttar Pradesh] India. N. comb.
caudalis (Edwards). —Sumatra.
 1931, Tijdschr. Ent. 74:265 (♂ ♀; *Mycomyia*). Type-loc: Fort de Kock, Sumatra. N. comb.
defectiva (Edwards). —Sumatra.
 1931, Tijdschr. Ent. 74:266 (♂; *Mycomyia*). Type-loc: Fort de Kock, Sumatra. N. comb.
dizonalis (Edwards). —Sumatra.
 1931, Tijdschr. Ent. 74:265 (♂; *Mycomyia*). Type-loc: Fort de Kock, Sumatra. N. comb.
ferruginea (Brunetti). —Ceylon, India [Assam].
 1912, Fauna Br. India, Dipt. Nematocera: 74 (♂ ♀; *Mycomyia*). Type-locs: Kurseong, Darjeeling, and Calcutta, [W Bengal] India. N. comb.
medialis (Edwards). —Sumatra.
 1931, Tijdschr. Ent. 74:264 (♂; *Mycomyia*). Type-loc: Fort de Kock, Sumatra. N. comb.
propinqua (de Meijere). —Java.
 1907, Tijdschr. Ent. 50:203 (♂ ♀; *Empheria*). Type-loc: Semarang, Java.
tinctipennis (Brunetti). —India.
 1912, Fauna Br. India, Dipt. Nematocera: 74 (sex?; *Mycomyia*). Type-loc: Kurseong, [W Bengal] India. N. comb.
tropica (Doleschall). —Java.
 1857, Natuurk. Tijdschr. Ned.-Indië 14:392 (sex?; *Sciophila*). Type-loc: Java.
unifascipennis (Senior-White). —Ceylon.
 1922, Mem. Dep. Agric. India (ent. Ser.) 7:115 (♂; *Mycomyia*). Type-loc: Suduganga, Matale, Ceylon. N. comb.

Tribe SCIOPHILINI

Genus ACNEMIA Winnertz

- Acnemia* Winnertz, 1863, Verh. zool.-bot. Ges. Wien 13:798. Type-species, *Leia nitidicollis* Meigen, by designation of Johannsen 1909:63.
asiatica Senior-White. —Ceylon.
 1924, Spolia zeylan. 12:376 (♂). Type-loc: Pattipola, Ceylon.

Genus AZANA Walker

- Azana* Walker, 1856, Insecta Britannica 3:26. Type-species, *scatopsoides* Walker, by monotypy. — *anomala* (Staeger).

asiatica Senior-White. —Ceylon.
1922, Mem. Dep. Agric. India (ent. Ser.) 7:116 (♂). Type-loc: Suduganga, Matale, Ceylon.

Genus LEPTOMORPHUS Curtis

Leptomorphus Curtis, 1831, Br. Ent. 8: pl. 365. Type-species, *walkeri* Curtis, by original designation.
chaseni Edwards. —Borneo.
1933, J. fed. Malay St. Mus. 17:229 (♀). Type-loc: Kenokok, Mount Kinabalu, Borneo.
ornatus Brunetti. —E Pakistan.
1912, Fauna Br. India, Dipt. Nematocera: 85 (♀). Type-loc: Sylhet (E Pakistan).

Genus NEURATELIA Rondani

Neuratelina Rondani, 1856, Dipterol. ital. Prodr. 1:195. Type-species, *Mycetophila nemoralis* Meigen, by original designation.
Anaclinia Winnertz, 1863, Verh. zool.-bot. Ges. Wien 13:770. Type-species, *Mycetophila nemoralis* Meigen, by monotypy.
Odontopoda Aldrich, 1897, Ann. Rep. geol. nat. Res. Dep. Indiana 21:187. Type-species, *sayi* Aldrich, by monotypy.
indica (Brunetti). —India.
1912, Fauna Br. India, Dipt. Nematocera: 90 (♂; *Odontopoda*). Type-loc: Darjeeling, [W Bengal] India. N. comb.

Genus POLYLEPTA Winnertz

Polylepta Winnertz, 1863, Verh. zool.-bot. Ges. Wien 13:745. Type-species, *undulata* Winnertz, by designation of Johannsen 1909:43, = *guttiventris* (Zetterstedt).
dubiosa Brunetti. —India.
1912, Fauna Br. India, Dipt. Nematocera: 79 (♂). Type-loc: Mundali, Dehra Dun District, [Uttar Pradesh] India.

Genus SCIOPHILA Meigen

Sciophila Meigen, 1818, Syst. Besch. europ. zweifl. Insekt. 1:245. Type-species, *hirta* Meigen, by designation of Curtis 1837: pl. 641.
Lasiosoma Winnertz, 1863, Verh. zool.-bot. Ges. Wien 13:748. Type-species, *Sciophila pilosa* Meigen, by designation of Coquillett 1910:558, = *hirta* Meigen.
bicolor Brunetti. —India.
1912, Fauna Br. India, Dipt. Nematocera: 70 (♀). Type-loc: Darjeeling, [W Bengal] India.

Tribe LEIINI

Genus ACRODICRANIA Skuse

Acrodicrania Skuse, 1888, Proc. Linn. Soc. N. S. W. (2) 3:1194. Type-species, *atricauda* Skuse, by designation of Johannsen 1909:82.
bifasciata Edwards. —Malaya.
1928, J. fed. Malay St. Mus. 14:5 (♀). Type-loc: Batang Padaung, Jor Camp, Perak, Malaya.
ferruginea Brunetti. —India.
1912, Fauna Br. India, Dipt. Nematocera: 93 (♀?). Type-loc: Khasi Hills, [Assam] India.
incerta Brunetti. —India.
1912, Fauna Br. India, Dipt. Nematocera: 93 (♀). Type-loc: Kurseong, [W Bengal] India.

Genus ALLACTONEURA de Meijere

Allactoneura de Meijere, 1907, Tijdschr. Ent. 50:201. Type-species, *cincta* de Meijere, by monotypy.
Scottella Enderlein, 1910, Trans. Linn. Soc. Lond. (Zool.) (2) 14:60. Type-species, *argenteosquamosa* Enderlein, by original designation.
argenteosquamosa (Enderlein). —Ceylon, India [Assam], Malaya, Thailand; Africa, Mauritius, Seychelles.
1910, Trans. Linn. Soc. Lond. (Zool.) (2) 14:61 (♂ ♀; *Scottella*). Type-loc: Seychelles.
cincta de Meijere. —Borneo, Formosa, Java, Krakatau, Malaya, Mentawai Islands, Philippines [Luzon].
1907, Tijdschr. Ent. 50:202 (♂). Type-loc: Java.
formosana Enderlein, 1910, Trans. Linn. Soc. Lond. (Zool.) (2) 14:63 (♀; *Scottella*). Type-loc: Kyukokado, Formosa.
nigrofemorata de Meijere, 1913, Tijdschr. Ent. 56:322 (♀). Type-loc: Nongkodjadjar, Java.
obscurata (Walker). —Borneo, Celebes, Sula Islands; Australasian region.
1865, J. Linn. Soc. 8:130 (sex?; *Mycetophila*). Type-loc: Salawati Island, W Irian.

Genus CLASTOBASIS Skuse

Clastobasis Skuse, 1890, Proc. Linn. Soc. N. S. W. (2) 5:617. Type-species, *tryoni* Skuse, by monotypy.
vittigera Brunetti. —India.
1912, Fauna Br. India, Dipt. Nematocera: 95 (♀). Type-loc: Sadiya, [Assam] India.

Genus GREENOMYIA Brunetti

- Greenomyia* Brunetti, 1912, Fauna Br. India, Dipt. Nematocera: 87. Type-species, *nigricoxa* Brunetti, by original designation.
- nigra* (Brunetti). —India [Himachal Pradesh].
1912, Fauna Br. India, Dipt. Nematocera: 101 (♀; *Leia*). Type-loc: Naini Tal, [Uttar Pradesh] India.
- nigricoxa* Brunetti. —India.
1912, Fauna Br. India, Dipt. Nematocera: 87 (♂). Type-loc: Phagu, Simla District, India.
- spathulata* Brunetti, 1912, Fauna Br. India, Dipt. Nematocera: 101 (♂; *Leia*). Type-loc: Darjeeling, [W Bengal] India.

Genus LEIA Meigen

- Leia* Meigen, 1818, Syst. Besch. europ. zweifl. Insekt. 1:253. Type-species, *fascipennis* Meigen, by designation of Curtis 1837: pl. 645.
- Lejomya* Rondani, 1856, Dipterol. ital. Prodr. 1:195. Type-species, *Leia bimaculata* Meigen, by original designation.
- Leiomya*, *Leiomyia*, emendations.
- Glaphyoptera* Winnertz, 1863, Verh. zool.-bot. Ges. Wien 13:781 (preoc. Heer 1852). Type-species, *Leia fascipennis* Meigen, by designation of Coquillett 1910:547.
- Neoglaphyoptera* Osten Sacken, 1878, Smithson misc. Colln 16 (= 270):10 (n. name for *Glaphyoptera* Winnertz). Type-species, *Leia fascipennis* Meigen, automatic.
- Edwards (1928b:6) has proposed the subgenus *Indoleia* to include *L. bisetosa* and *L. indica*. We consider formal use of this subgenus premature, until the remainder of the genus has been critically studied.
- albicincta* de Meijere. —Sumatra.
1924, Tijdschr. Ent. (Suppl.) 67:2 (sex?). Type-loc: Gunung Talamau, Sumatra.
- annulicornis* (Brunetti). —Borneo, Ceylon, E Pakistan, India, Sumatra.
1912, Fauna Br. India, Dipt. Nematocera: 105 (♂ ♀; *Rhymosia*). Type-loc: Madhupur, [W Bengal] India.
- arcuata* Brunetti. —Ceylon, India [Assam, Himachal Pradesh].
1912, Fauna Br. India, Dipt. Nematocera: 99 (♂ ♀). Type-locs: Kurseong, Darjeeling District, [W Bengal]; Naini Tal, [Uttar Pradesh] India.
- bicolor* Brunetti. —India.
1912, Fauna Br. India, Dipt. Nematocera: 100 (?). Type-loc: Kurseong, [W Bengal] India.
- bimaculata* (Walker). —?India.
1848, List. Dipt. Colln Br. Mus. 1:100 (sex?; *Mycetophila*). Type-loc: "East Indies."
- bisetosa* Edwards. —Borneo, Java, Malaya, Sumatra.
1928, J. fed. Malay St. Mus. 14:6 (?). Type-loc: Cameron Highlands, Pahang, Malaya.

- flavobrunnea* Brunetti. —India.
1912, Fauna Br. India, Dipt. Nematocera: 99 (♂). Type-loc: Darjeeling, [W Bengal] India.
- flavolimbata* (Brunetti). —India [Himachal Pradesh, Uttar Pradesh].
1912, Fauna Br. India, Dipt. Nematocera: 103 (♂ ♀; *Rhymosia*). Type-loc: Kurseong, [W Bengal] India.
- humeralis* (Brunetti). —E Pakistan, Philippines [Luzon].
1912, Fauna Br. India, Dipt. Nematocera: 106 (♂; *Rhymosia*). Type-loc: Sylhet, (E Pakistan).
- indica* (Brunetti). —India.
1912, Fauna Br. India, Dipt. Nematocera: 91 (♂; *Anomalomyia*). Type-loc: Darjeeling, [W Bengal] India.
- insignis* Brunetti. —India.
1912, Fauna Br. India, Dipt. Nematocera: 101 (♀). Type-loc: Ukhrul, Manipur, [Assam] India.
- maculicoxa* Enderlein. —Ceylon, Sumatra; Seychelles.
1910, Trans. Linn. Soc. Lond. (Zool.) (2) 14:69 (♂ ♀). Type-loc: Seychelles.
- fascipes* Brunetti, 1912, Fauna Br. India, Dipt. Nematocera: 106 (♂; *Rhymosia*). Type-loc: Peradeniya, Ceylon.
- major* Edwards. —Borneo.
1933, J. fed. Malay St. Mus. 17:230 (♂ ♀). Type-loc: Kamborangah, Mount Kinabalu, Borneo.
- nigripalpis* Edwards. —Malaya.
1928, J. fed. Malay St. Mus. 14:6 (♂). Type-loc: Cameron Highlands, Pahang, Malaya.
- nigriventris* Edwards. —Java.
1932, Treubia 14:138 (♀). Type-loc: Mount Idjen, E Java.
- winthemüi* Lehmann. —India [Assam, Himachal Pradesh, Uttar Pradesh, W Bengal], Java, Sumatra; Europe, Japan, N. America, Siberia.
1822, Obsns zool. hamb.: 39 (sex?). Type-loc: Germany.

Genus RONDANIELLA Johannsen

- Rondaniella* Johannsen, 1909, Genera Insect. 93:66. Type-species, *Leia variegata* Winnertz, by original designation.
- rufiseta* Edwards. —Java.
1932, Treubia 14:138 (♂ ♀). Type-loc: Mount Idjen, E Java.

Genus METANEPSIA Edwards

- Metanepsia* Edwards, 1927, Treubia 9:361. Type-species, *javana* Edwards, by original designation.
- javana* Edwards. —Java, Sumatra.
1927, Treubia 9:362 (♂). Type-loc: Depok, Java.

Subfamily MANOTINAE

Reference: Tuomikoski 1966b (rev.).

Genus EUMANOTA Edwards

- Eumanota** Edwards, 1933, J. fed. Malay St. Mus. 17:231. Type-species, *leucura* Edwards, by original designation.
- humeralis** Edwards. —Borneo.
1933, J. fed. Malay St. Mus. 17:232 (♂). Type-loc: Kenokok, Mount Kinabalu, Borneo.
- leucura** Edwards. —Borneo.
1933, J. fed. Malay St. Mus. 17:232 (♂). Type-loc: Lumu Lumu, Mount Kinabalu, Borneo.

Genus MANOTA Williston

- Manota** Williston, 1896, Trans. ent. Soc. Lond. 1896:260. Type-species, *defecta* Williston, by monotypy.
- orientalis** Senior-White. —Ceylon.
1922, Mem. Dep. Agric. India (ent. Ser.) 7:117 (♂). Type-loc: Suduganga, Matale, Ceylon.

Genus PARAMANOTA Tuomikoski

- Paramanota** Tuomikoski, 1966, Anns ent. fenn. 32:218. Type-species, *orientalis* Tuomikoski, by original designation.
- orientalis** Tuomikoski. —Burma.
1966, Anns ent. fenn. 32:220 (♂). Type-loc: Kambaiti, NE Burma.

Genus PROMANOTA Tuomikoski

- Promanota** Tuomikoski, 1966, Anns ent. fenn. 32:215. Type-species, *malaisei* Tuomikoski, by original designation.
- malaisei** Tuomikoski. —Burma.
1966, Anns ent. fenn. 32:216 (♂). Type-loc: Kambaiti, NE Burma.

Subfamily MYCETOPHILINAE

Tribe EXECHIINI

Reference: Tuomikoski 1966a (rev.).

Genus ALLODIA Winnertz

- Allodia** Winnertz, 1863, Verh. zool.-bot. Ges. Wien 13:826. Type-species, *Mycetophila lugens* Wiedemann, by designation of Johannsen 1909:104.
- micans** Edwards. —Malaya.
1928, J. fed. Malay St. Mus. 14:7 (♀). Type-loc: Gunong Tahan, Malaya.
- nigrofasciata** Brunetti. —India [Uttar Pradesh].
1912, Fauna Br. India, Dipt. Nematocera: 108 (♂ ♀). Type-loc: Simla, India.
- varicornis** (Senior-White). —Ceylon.
1922, Spolia zeylan. 12:198 (♀; *Rhymosia*). Type-loc: Suduganga, Matale, Ceylon. N. comb.

Genus EXECHIA Winnertz

- Exechia** Winnertz, 1863, Verh. zool.-bot. Ges. Wien 13:879. Type-species, *Tipula fungorum* de Geer, by designation of Johannsen 1909:106; misidentified, = *fusca* (Meigen); matter before I.C.Z.N.
- albicincta** Senior-White. —Ceylon.
1922, Mem. Dep. Agric. India (ent. Ser.) 7:119 (♀). Type-loc: Suduganga, Matale, Ceylon.
- ampullata** Senior-White. —Ceylon.
1921, Spolia zeylan. 11:384 (♀). Type-loc: Suduganga, Matale, Ceylon.
- argenteofasciata** Senior-White. —Ceylon.
1921, Spolia zeylan. 11:382 (♀). Type-loc: Suduganga, Matale, Ceylon.
- basilinea** Brunetti. —India [Himachal Pradesh].
1912, Fauna Br. India, Dipt. Nematocera: 113 (♂ ♀). Type-loc: Kurseong, Darjeeling District, [W Bengal] India.
- brevicornis** Senior-White. —India.
1922, Mem. Dep. Agric. India (ent. Ser.) 7:120 (♂). Type-loc: Shillong, India [Assam].
- cristata** Senior-White. —Ceylon.
1921, Spolia zeylan. 11:383 (♀). Type-loc: Suduganga, Matale, Ceylon.
- cristatoides** Senior-White. —Ceylon, ?Sumatra.
1924, Spolia zeylan. 12:377 (♂). Type-loc: Suduganga, Matale, Ceylon.
- flava** Senior-White. —Borneo, India.
1922, Mem. Dep. Agric. India (ent. Ser.) 7:121 (♂). Type-loc: Cherrapunji, [Assam] India.
- longicornisuma** Senior-White. India.
1922, Mem. Dep. Agric. India 7:120 (♂). Type-loc: Shillong, [Assam] India.
- mastigura** Edwards. —?Borneo, Malaya.
1928, J. fed. Malay St. Mus. 14:8 (♂). Type-loc: Gunong Tahan, Malaya.
- mirastoma** Senior-White. India.
1922, Mem. Dep. Agric. India (ent. Ser.) 7:122 (♂). Type-loc: Shillong, [Assam] India.
- pallidula** Edwards. —Borneo.
1926, Sarawak Mus. J. 3:246 (♂ ♀). Type-loc: Mount Murud, Sarawak.

- paranirastoma** Senior-White. —Ceylon.
1922, Mem. Dep. Agric. India (ent. Ser.) 7:123 (♂). Type-loc: Suduganga, Matale, Ceylon.
- scalprifer** Edwards. —Malaya.
1928, J. fed. Malay St. Mus. 14:3 (♂). Type-loc: Gunong Tahan, Malaya.
- semifumata** (Brunetti). —India.
1912, Fauna Br. India, Dipt. Nematocera: 111 (♂; *Phronia*). Type-loc: Tonglu, Darjeeling District, [W Bengal] India.
- simplex** (Brunetti). —India.
1912, Fauna Br. India, Dipt. Nematocera: 111 (♀; *Phronia*). Type-loc: [Assam] India.
- zeylanica** Senior-White. —Ceylon.
1921, Spolia zeylan. 11:385 (♂). Type-loc: Suduganga, Matale, Ceylon.

Genus RYMOSIA Winnertz

- Rymosia** Winnertz, 1863, Verh. zool.-bot. Ges. Wien 13:810. Type-species, *Mycetophila fasciata* Meigen, by designation of Johannsen 1909:102.
- Rhymosia*, emendation.
- albolateralis** Brunetti. —India.
1912, Fauna Br. India, Dipt. Nematocera: 104 (♂). Type-loc: Naini Tal, [Uttar Pradesh] India.

Tribe MYCETOPHILINI

Genus EPICYPTA Winnertz

- Epicypta** Winnertz, 1863, Verh. zool.-bot. Ges. Wien 13:909. Type-species, *Mycetophila scatophora* Perris, by designation of Johannsen 1909:110.
- Delopsis* Skuse, 1890, Proc. Linn. Soc. N. S. W. (2) 5:623. Type-species, *flavipennis* Skuse, by monotypy.
- angusticollaris** (Edwards). —Philippines [Luzon]; New Hebrides.
1929, Notul. ent. 9:74 (♀; *Delopsis*). Type-loc: Hog Harbour, Espiritu Santo, New Hebrides. **N. comb.**
- bilunulata** (Senior-White). —Ceylon, Sumatra.
1924, Spolia zeylan. 12:379 (♂; *Delopsis*). Type-loc: Suduganga, Matale, Ceylon. **N. comb.**
- borneensis** (Edwards). —Borneo.
1933, J. fed. Malay St. Mus. 17:234 (♀; *Delopsis*). Type-loc: Lumu Lumu, Mount Kinabalu, Borneo. **N. comb.**
- boettcheri** (Edwards). —Philippines.
1929, Notul. ent. 9:73 (sex?; *Delopsis*). Type-loc: San Theodoro, Philippines. **N. comb.**

- brunettii** (Edwards). —India.
1913, Ann. Mag. nat. Hist. (8) 12:55 (n. name for *collaris* Brunetti). **N. comb.**
- collaris* Brunetti, 1912, Fauna Br. India, Dipt. Nematocera: 119 (♂; *Delopsis*: proce. Enderlein 1910). Type-loc: Maddathorai, [Kerala] India. **N. comb.**
- buxtoni** (Edwards). —Sumatra; Samoa.
1928, Insects Samoa 6:32 (♂ ♀; *Delopsis*). Type-loc: Upolu, W Samoa. **N. comb.**
- ciniventris** (Brunetti). —India.
1912, Fauna Br. India, Dipt. Nematocera: 115 (♀; *Mycetophila*). Type-loc: Simla, India. **N. comb.**
- himalayensis* Brunetti, 1912, Fauna Br. India, Dipt. Nematocera: 117 (♂; *Mycetophila*). Type-locs: Simla, and Naini Tal [Uttar Pradesh] India. **N. comb.**
- ferruginea** (Senior-White). —Ceylon.
1922, Spolia zeylan. 12:201 (♂; *Delopsis*). Type-loc: Suduganga, Matale, Ceylon. **N. comb.**
- flavicauda** (Edwards). —Java.
1935, Tijdschr. Ent. 78:186 (♂; *Delopsis*). Type-loc: Buitenzorg (Bogor), Java. **N. comb.**
- flavidula** (Edwards). —Philippines.
1929, Notul. ent. 9:74 (♀; *Delopsis*). Type-loc: Catbalogan, [Samar] Philippines. **N. comb.**
- flavohirta** (Senior-White). —Ceylon.
1922, Spolia zeylan. 12:202 (♂; *Delopsis*). Type-loc: Suduganga, Matale, Ceylon. **N. comb.**
- griseolateralis** (Brunetti). —India.
1912, Fauna Br. India, Dipt. Nematocera: 116 (♂; *Mycetophila*). Type-loc: Tonglu, Darjeeling District, [W Bengal] India. **N. comb.**
- leefmansi** (Edwards). —Java.
1935, Tijdschr. Ent. 78:187 (♂; *Delopsis*). Type-loc: Buitenzorg (Bogor), Java. **N. comb.**
- nigroflava** (Senior-White). —Ceylon, Java, Philippines [Luzon].
1922, Spolia zeylan. 12:199 (♀; *Delopsis*). Type-loc: Suduganga, Matale, Ceylon. **N. comb.**
- pallida** (Edwards). —Krakatau, Sumatra.
1927, Treubia 9:353 (♂; *Delopsis*). Type-loc: Krakatau. **N. comb.**
- pectenipes** (Senior-White). —Ceylon, Krakatau, Sumatra.
1922, Spolia zeylan. 12:200 (♂; *Delopsis*). Type-loc: Suduganga, Matale, Ceylon. **N. comb.**
- sartrix** (de Meijere). —Java, Sumatra.
1924, Tijdschr. Ent. 67:207 (♂; *Delopsis*). Type-loc: Salatiga, Java. **N. comb.**
- setosiventris** (Senior-White). —Ceylon, Sumatra.
1922, Spolia zeylan. 12:200 (♀; *Delopsis*). Type-loc: Suduganga, Matale, Ceylon. **N. comb.**
- sumatrensis** (Edwards). —Sumatra.
1931, Tijdschr. Ent. 74:268 (♂ ♀; *Delopsis*). Type-loc: Fort de Kock, Sumatra. **N. comb.**

Genus MYCETOPHILA Meigen

- Fungivora* Meigen, 1800, Nouv. Class. Mouches: 16. Type-species, *Tipula agarici* Villers, by designation of Coquillett 1910:545. Suppressed by I.C.Z.M. 1963, Opinion 678:339.
- Mycetophila* Meigen, 1803, Magazin InsektKde 2:263. Type-species, *Tipula agarici* Villers, by designation of Johannsen 1909:116.
- borneana* Edwards. —Borneo.
1933, J. fed. Malay St. Mus. 17:233 (♂). Type-loc: Lumu Lumu, Mount Kinabalu, Borneo.
- curvilinea* Brunetti. —India.
1912, Fauna Br. India, Dipt. Nematocera: 116 (♀). Type-loc: Darjeeling, [W Bengal] India.
- fungorum* (de Geer). —India, Malaya; Holarctic region.
1776, Mém. serv. Hist. Ins. 6:361 (sex?; *Tipula*). Type-loc: Europe.
khasiensis Senior-White, 1922, Mem. Dep. Agric. India (ent. Ser.) 7:124 (♀). Type-loc: Shillong, [Assam] India.
- lineicoxa* Edwards. —Borneo, Malaya.
1928, J. fed. Malay St. Mus. 14:9 (♀). Type-loc: Gunong Tahan, Malaya.
- lineola* Meigen. —Borneo, India [Assam], Java; E Africa, Europe.
1818, Syst. Besch. europ. zweifl. Insekt. 1:262 (♂ ♀). Type-loc: Europe.
binotata Brunetti, 1912, Fauna Br. India, Dipt. Nematocera: 118 (♂ ♀; procc. Walker 1856). Type-locs: Darjeeling, [W Bengal], and Simla, India.
- quadrifasciata* Brunetti. —India, ?Malaya.
1912, Fauna Br. India, Dipt. Nematocera: 115 (♂). Type-loc: Simla, India.
- reversa* Edwards. —Sumatra.
1931, Tijdschr. Ent. 74:267 (♀). Type-loc: Fort de Kock, Sumatra.
- rudis* Winnertz. —Java; Europe.
1863, Verh. zool.-bot. Ges. Wien 13:935 (sex?). Type-loc: Europe.
- suffusa* Brunetti. —India.
1912, Fauna Br. India, Dipt. Nematocera: 117 (?). Type-loc: Simla, India.
- trünacula* Edwards. —Malaya.
1928, J. fed. Malay St. Mus. 14:10 (♂). Type-loc: Gunong Tahan, Malaya.

Genus PHRONIA Winnertz

- Phronia* Winnertz, 1863, Verh. zool.-bot. Ges. Wien 13:857. Type-species, *rustica* Winnertz, by designation of Johannsen 1909:96, = *exigua* (Zetterstedt).
- Macrobrachius* Dziedzicki, 1889, Horae Soc. ent. ross. 23:520. Type-species, *kowarzii* Dziedzicki, by monotypy.
- longicosta* (Brunetti). —India.
1912, Fauna Br. India, Dipt. Nematocera: 109 (♂; *Macrobrachius*). Type-loc: Kurseong, [W Bengal] India. Possibly an *Exechia*.

Genus PLATUROCYPTA Enderlein

- Platurocypta* Enderlein, 1910, Trans. Linn. Soc. Lond. (Zool.) (2) 14:76. Type-species, *limbatifemur* Enderlein, by original designation.
- Neoepicypta* Coher, 1950, Revta ent. 21:114. Type-species, *Mycetophila punctum* Stannius, by original designation.
- Epicypta*, authors, not Winnertz.
- intermedia* (Edwards). —Philippines.
1929, Notul. ent. 9:74 (♂; *Epicypta*). Type-loc: Balbalasang, [Luzon] Philippines. N. comb.
- longiseta* (Edwards). —Sumatra.
1931, Tijdschr. Ent. 74:268 (♂; *Epicypta*). Type-loc: Fort de Kock, Sumatra. N. comb.

Genus SCEPTONIA Winnertz

- Sceptonia* Winnertz, 1863, Verh. zool.-bot. Ges. Wien 13:907. Type-species, *Mycetophila nigra* Meigen, by designation of Johannsen 1909:113.
- collaris* Edwards. —Sumatra.
1931, Tijdschr. Ent. 74:269 (♂ ♀). Type-loc: Fort de Kock, Sumatra.

Genus TRICHONTA Winnertz

- Trichonta* Winnertz, 1863, Verh. zool.-bot. Ges. Wien 13:847. Type-species, *Mycetophila melanura* Staeger, by designation of Johannsen 1909:94.
- genitalis* (Brunetti). —India.
1912, Fauna Br. India, Dipt. Nematocera: 104 (♂; *Rhymosia*). Type-loc: Darjeeling, [W Bengal] India.
- subfascipennis* Edwards. —Philippines.
1929, Notul. ent. 9:72 (♂). Type-loc: Balbalasang, [Luzon] Philippines.

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Alexander, C. P.

- 1913 A synopsis of part of the neotropical crane-flies of the subfamily Limnobiinae. *Proc. U.S. natn. Mus.* **44**:481-549, 4 pls.
- 1920 The crane-flies of New York, Part II. Biology and phylogeny. *Mem. Cornell Univ. agric. Exp. Stn* **38**:699-1133, 87 pls.
- 1927a Diptera. Fam. Ptychopteridae. Fasc. 188, 12 pp., 1 pl. In Wytsman, P., ed., *Genera insectorum*. Bruxelles.
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- 1929 New or little-known Tipulidae from eastern Asia (Diptera). V. *Philipp. J. Sci.* **40**:519-547, 2 pls.
- 1930 Observations on the dipterous family Tanyderidae. *Proc. Linn. Soc. N.S.W.* **55**:221-230, 1 fig., 2 pls.
- 1931a Deutsche Limnologische Sunda-Expedition. The crane-flies (Tipulidae, Diptera). *Arch. Hydrobiol. Suppl.-Bd.* **2**:135-191, 53 figs.
- 1931b Crane-flies of the Baltic Amber (Diptera). *Bernstein-Forsch.* **2**:1-135, 168 figs.
- 1947 Notes on the tropical American species of Tipulidae (Diptera). III. The specialized Eriopterini: *Rhabdomastix*, *Cryptolabis*, *Erioptera*, *Molophilus*, *Styringomyia*, *Toxorhina*, and allies. *Revta Ent.* **18**:317-360, 32 figs.
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- 1958 Geographic distribution of the net-winged midges (Blepharoceridae, Diptera). *Proc. int. Congr. Ent. Montreal* **1**:813-828, 23 figs.
- 1962 Beiträge zur Kenntnis der Insektenfauna Boliviens XVII. Diptera II. The craneflies (Tipulidae, Diptera). *Veröff. zool. Staatssamml. München* **7**:9-159, 140 figs.
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