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World Species of Biting Midges (Diptera: Ceratopogonidae)

by

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LOCATION OF TYPE MATERIAL

Some publications that provide information on the location of type material of Ceratopogonidae are listed in table 1. The location where ceratopogonid workers have deposited most or all of their type material is listed in table 2. The list is not complete; some authors who have described only one or a few species and whose type material could not be located or confirmed were not included. However, the list provides a basis for the study and loan of most type material. Acronyms for museums are those proposed by Arnett and Samuelson (1986) or follow their method for forming acronyms:

ANIC - Australian National Insect Collection, Division of Entomology, CSIRO, P.O. Box 1700, Canberra City, A.C.T. 2601, Australia.

ANSP - Department of Entomology, Academy of Natural Sciences, 19th and the Parkway, Philadelphia, Pennsylvania, 19103, USA.

BIAR - Biologicheskii Institut, Akademiya NAUK Russia, Sibirskoe Otdelenie, Frunze str. 11, 630091 Novosibirsk, Russia.

BMNH - Department of Entomology, Natural History Museum, London, SW7 5BD, United Kingdom.

BPBM - Dept of Entomology, Bernice P. Bishop Museum, 1525 Bernice Street, P.O. Box 19000A, Honolulu, Hawaii, 96817 0916, USA.

CASC - Department of Entomology, California Academy of Sciences, Golden Gate Park, San Francisco, California, 94118, USA.

CNCI - Canadian National Collection of Insects, Eastern Cereal and Oilseed Research Centre, Agriculture Canada, K.W. Neatby Building, Ottawa, Ontario, K1A 0C6, Canada.

CSHC - Dr. C. Sahuquillo Herraiz, dr. en Farmacia - Entomologo, c/. José Maria Haro, 35, 46022, Valencia, Spain.

CUIC - Department of Entomology, Comstock Hall, Cornell University, Ithaca, New York, 14853-0999, USA.

DEFS - Departamento de Epidemiologia, Faculdade de Saude Publica, Universidade de Sao Paulo, Av. Dr. Arnaldo, 715, 01.255, Sao Paulo, SP, Brazil.

DEIC - Deutsches Entomologisches Institut, Eberswalder Straße 90, Muencheberg 15374, Germany.

DPSC - Department of Parasitology, Second Military Medical College, Shanghai, China.

ELBU - Entomology Laboratory, Department of Zoology, University of Burdwan, Burdwan 713 104, WB, India.

- ELKU - Entomological Laboratory, Faculty of Agriculture, Kyushu University, Fukuoka, Japan.
- EPRL - Entomological Pioneering Research Laboratory, University of Puerto Rico, Mayaguez, Puerto Rico, 00708.
- FIOC - Instituto Oswaldo Cruz, Departamento de Entomologia, Caixa Postal 926, 20010 Rio de Janeiro, Rio de Janeiro, Brasil.
- FMMF - Lab. Ecol. Med. Pathol. Parasitologie, Faculté de Médecine, Rue Auguste-Broussonet, F-34000, Montpellier, France.
- FMNH - Insect Collection, Field Museum of Natural History, Roosevelt Road and Lake Shore Drive, Chicago, Illinois, 60605, USA.
- HNHM - Zoological Dept., Hungarian Natural History Museum, Baross utca 13, H-1088, Budapest, Hungary.
- IDRE - Laboratorio de Entomología, Instituto de Diagnóstico y Referencia Epidemiológicos, SSA. Carpio 470, Col. Santo Tomás, 2do. Piso, México D.F. 11340, Mexico (formerly, ISET=Instituto de Enfermedades Tropicales).
- IEME - Institute for Evolution, Morphology, and Ecology of Animals, Leninsky pr. 33, Moscow 117071, Russia.
- IMBC - Department of Vector and Control, Institute of Microbiology and Epidemiology, 23 (A) Qilizhuang Road, Fengtai District, Beijing 100071, People's Republic of China.
- IMGP - Institut und Museum für Geologie und Palaontologie der Georg-August-Universität, Göttingen, Germany.
- INBC - Instituto Nacional de Biodiversidad, 400 Mts Oeste del Cementerio, A.P. 22-3100 Santo Domingo de Heredia, Costa Rica.
- INHS - Illinois Natural History Survey Insect Collection, 607 E. Peabody Drive, Champaign, Illinois, 61820, USA.
- INMA - Departamento de Arthropodologia Sanitaria, Instituto Nacional de Microbiologia, "Dr. Carlos G. Malbran," Avda. Velez Sarfield 563, 1281 Capital Federal, Argentina.
- IPCG - Institut Pasteur de la Guyane, Cayenne, Guyana.
- IPHT - Institute of Public Health Research, Teheran, Iran.
- IPSF - Institut de Parasitologie, Faculté de Médecine, 3, Rue Koeberlé, F 67000, Strasbourg, France.
- ISNB - Collections Nationales Belges d'Insectes et d'Arachnides, Institut Royal des Sciences Naturelles de Belgique, 29, rue Vautier, B1040, Brussels, Belgium.

IZBE - Institute of Zoology and Botany, Vanemuise str. 21, Tartu, 202400, Estonia.

IZAS - Institute of Zoology, Academia Sinica, 7 Zhongguancun Lu, Haidian, 100080, Beijing, Republic of China.

LACM - Los Angeles County Museum of Natural History, 900 Exposition Blvd., Los Angeles, California, 90007, USA.

LEMQ - Lyman Entomological Museum and Research Laboratory, Macdonald College, 21111 Lakeshore, Ste.- Anne-de-Bellevue, Quebec, H9X 1C0.

MABC - M. Baez, Departamento de Zoologia, Facultad de Biologia, Universidad de La Laguna, 38206 La Laguna, Tenerife Islas Canarias, Spain.

MACN - Division Entomologia, Museo Argentino de Ciencias Naturales, Av. Angel Gallardo 470 (C.P. 220, Suc. 5), 1405 Buenos Aires, Argentina.

MCZC - Entomology Department, Museum of Comparative Zoology, Harvard University, 26 Oxford St., Cambridge, Massachusetts, 02138, USA.

MEUC - Museo Entomologico, Facultad de Agronomia, Universidad de Chile, Casilla 1004, Santiago, Chile.

MLPA - Museo de la Plata, Division Entomologia, Universidad de La Plata, Paseo del Bosque, 1900 La Plata, Argentina.

MNHN - Museum National d'Histoire Naturelle, 45, rue Buffon, Paris, 75005, France.

MRAC - Section d'Entomologie, Musée Royal de l'Afrique Centrale, Leuvensesteenweg 13, B-1980, Tervuren, Belgium.

MZLU - Department of Zoology, Zoological Museum, Helgonavägen 3, S-223 62 Lund, Sweden.

MZRF - Museo Civico de Storia Naturale "Giacomo Doria", Via Brigita Liguria 9, I-16121, Genoa, Italy.

MZSF - Musée Zoologique, Université de Strasbourg, 29, blvd. de la Victoire, F-67000, Strasbourg, France.

MZSP - Museu de Zoologia da Universidade de Sao Paulo, Av. Nazare, 481, C.P. 7172, 01.051, Sao Paulo, SP, Brazil.

MZWP - Museum of the Earth, Al. Na Skarpie 20/26, 00-488, Warsaw, Poland.

NHMW - Naturhistorisches Museum Wien, Postfach 417, Burgring 7, 1040 Wien, Austria.

NHRS - Sektionen for entomologi, Naturhistoriska Riksmuseet, S-104 05, Stockholm, Sweden.

NIPM - Department of Medical Entomology, National Institute of Preventive Medicine, 161 Kunyang Street,

Nankang, Taipei, Taiwan, 11513, Republic of China.

NMPC - Department of Entomology, National Museum of Natural History, 148 00, Praha 4, Kunratice 1, Czech Republic.

NMSA - Natal Museum, 237 Loop Street, Pietermaritzburg 3201, Natal, South Africa.

NSMT - Entomological Collections, National Science Museum (Natural History), Hyakunin-cho 3-23-1, Shinjuku-ku, Tokyo 160

NYSM - New York State Museum, Biological Survey, 2132 Cultural Education Center, Albany, New York, 12230, USA.

NZAC - New Zealand Arthropod Collection, Entomology Division, DSIR, Private Bag, Auckland 1001, New Zealand.

NZSI - National Zoological Collection, Zoological Survey of India, M-Block, New Alipur, Calcutta 700 053, India.

ORST - Centre ORSTOM de Montpellier, Laboratoire de Taxonomie des Vecteurs 911, Avenue Agropolis, B.P. 5045, F-34032, Montpellier Cedex, France

PEHC - P. Havelka, Staatliche Vogelschutzwarte, Baden --- Württemberg, Hermann Schneider Allee 47, D-7500 Karlsruhe --- Rappenwört, Germany.

PIAM - Palaeontological Institute, The Russian Academy of Sciences, Profsoyuznaya, 113, Moscow 117321, Russia.

PMNH - Peabody Museum of Natural History, Yale University, New Haven, Connecticut, 06511, USA.

ROME - Department of Entomology, Royal Ontario Museum, Toronto, Ontario, M5S 2C6, Canada.

RYSC - R. Szadziewski, Department of Invertebrate Zoology, University of Gdansk, Pilsudskiego 46, 81-378 Gdynia, Poland.

SAMR - South African Institute for Medical Research, P.O. Box 1038, Johannesburg, 2000, South Africa.

SEMC - Snow Entomological Museum, University of Kansas, Lawrence, Kansas, 66044, USA.

SMFD - Forschungsinstitut und Naturmuseum Senckenberg, Entomologische Section 1, Senckenberganlage 25, 6000 Frankfurt 1, Germany.

SMSH - Stovall Museum of Science and History, University of Oklahoma, Norman, Oklahoma, 73069, USA.

SZRL - Systematic Zoology Museum, University of Latvia, Kromvalda bulv. 4, Riga, LV 10, Latvia.

USNM - United States National Entomological Collection, Dept. of Entomology, U.S. National Museum of Natural

History, Washington, DC 20560, USA.

UZMH - Zoological Museum, Finnish Museum of Natural History, University of Helsinki, Pohjoinen Rautatiekatu 13, SF-00100, Helsinki, Finland.

VRIO - Veterinary Research Institute, Onderstepoort 0110, Republic of South Africa.

ZMAN - Instituut voor Taxonomische Zoologie, Universiteit van Amsterdam, Plantage Middenlaan 64, Amsterdam, The Netherlands.

ZMAS - Zoological Institute, Academy of Sciences, Universitetskaya nab., 1, St. Petersburg, 199034, Russia.

ZMHB - Museum für Naturkunde der Humboldt Universität zu Berlin, Invalidenstrasse 43, Berlin 1040, Germany.

ZMUC - Zoologisk Museum, Universitetsparken 15, DK 2100, Copenhagen, Denmark.

ZSMC - Zoologische Staatssammlung, Münchhausenstrasse 21, D-8000 München 60, Germany.

SUBFAMILY LEBANOCULICOIDINAE BORKENT, 2000a:361

Genus LEBANOCULICOIDES Szadziewski

LEBANOCULICOIDES Szadziewski, 1996: 30. Type species: *Lebanoculicoides mesozoicus* Szadziewski, by original designation.

encantabris Pérez-de la Fuente, Delclòs, Peñalver and Arillo, 2011: 752. Spain. Lower Cretaceous.

mesozoicus Szadziewski, 1996: 30. Lebanon. Lower Cretaceous.

SUBFAMILY LEPTOCONOPINAE NOË, 1907: 143

Genus ARCHIAUSTROCONOPS Szadziewski

ARCHIAUSTROCONOPS Szadziewski, 1996: 34. Type species: *Archiaustroconops ceratiformis* Szadziewski, by original designation.

alavensis Szadziewski and Arillo, 1998: 294. Spain. Lower Cretaceous.

bocaparvus Borkent, 2000a: 374. Lebanon. Lower Cretaceous.

borkenti Pérez-de la Fuente, Delclòs, Peñalver and Arillo, 2011: 755. Spain. Lower Cretaceous.

ceratiformis Szadziewski, 1996: 34. Lebanon. Lower Cretaceous.

cretaceous (Szadziewski), 1996: 36 (*Austroconops*). Lebanon. Lower Cretaceous.

gracilis Szadziewski and Poinar, 2005: 355. Myanmar. Lower Cretaceous.

hamus Borkent, 2000a: 373. Lebanon. Lower Cretaceous.

kotejai Szadziewski and Poinar, 2005: 356. Myanmar. Lower Cretaceous.

szadziewskii Borkent, 2000a: 372. Lebanon. Lower Cretaceous.

Genus AUSTROCONOPS Wirth and Lee

AUSTROCONOPS Wirth and Lee, 1958: 337. Type species: *Austroconops mcmillani* Wirth and Lee, by original designation.

annettae Borkent *in* Borkent and Craig, 2004: 44. Australia (Western Australia).

asiaticus Szadziewski, 2004:115. Myanmar. Lower Cretaceous.

borkenti Szadziewski and Schlüter, 1992: 78. France. Upper Cretaceous.

fossilis Szadziewski, 1996: 38. Lebanon. Lower Cretaceous.

gladius Borkent, 2000a: 378. Lebanon. Lower Cretaceous.

gondwanicus Szadziewski, 1996: 38. Lebanon. Lower Cretaceous.

mcmillani Wirth and Lee, 1958: 337. Australia (Western Australia).

megaspinus Borkent, 2000a: 381. Lebanon. Lower Cretaceous.

sibiricus Szadziewski, 1996: 40. Russia. Upper Cretaceous.

Genus FOSSILEPTOCONOPS Szadziewski

FOSSILEPTOCONOPS Szadziewski, 1996: 46. Type species: *Fossileptoconops lebanicus* Szadziewski, by original designation.

lebanicus Szadziewski, 1996: 47. Lebanon. Lower Cretaceous.

Genus JORDANOCONOPS Szadziewski

JORDANOCONOPS (as *Jordanocops*, misspelling) Szadziewski, 2000a: 252. Type species: *Jordanconops weitschati* Szadziewski, by original designation.

weitschati Szadziwski, 2000a: 252. Jordan. Lower Cretaceous.

Genus LEPTOCONOPS Skuse

LEPTOCONOPS Skuse, 1889: 288. Type species: *Leptoconops stygius* Skuse, by monotypy.
MYCTEROTYPUS Noè, 1905: 114. Type species: *Mycterotypus bezzii* Noè, designation by Carter, 1921: 3.
PROTERSESTHES Kieffer, 1921h: 107. Type species: *Tersesthes brasiliensis* Lutz, by original designation.
TERSESTHES Townsend, 1893: 370. Type species: *Tersesthes torrens* Townsend, by original designation.
SCHIZOCONOPS Kieffer, 1918a: 135. Type species: *Schizoconops indicus* Kieffer, by monotypy.

Subgenus BRACHYCONOPS Wirth and Atchley

BRACHYCONOPS Wirth and Atchley, 1973: 15 (as subgenus of *Leptoconops*). Type species: *Leptoconops californiensis* Wirth and Atchley, by original designation.

californiensis Wirth and Atchley, 1973: 16. USA (California).

patagoniensis Ronderos, 1990b: 423. Argentina.

Subgenus HOLOCONOPS Kieffer

HOLOCONOPS Kieffer, 1918a: 135. Type species: *Leptoconops kerteszi* Kieffer, by original designation.
MICROCONOPS Kieffer, 1921h: 108. Type species: *Microconops vexans* Kieffer, by original designation.

acer Clastrier, 1973: 911. France.

algeriensis Clastrier, 1975b: 41. Algeria.

altuneshanensis Yu and Shao, *in* Yu, 1988: 128. China.

americanus Carter, 1921: 22 (as variety of *kerteszi*). USA (Utah).

amplifemoralis Chanthawanich and Delfinado, 1967: 298. Nepal.

andersoni Clastrier and Wirth, 1978: 35. USA (California).

arnaudi Clastrier and Wirth, 1978: 29. USA (California).

ascius Yu and Hui, *in* Yu, 1988: 131. China.

asilomar Clastrier and Wirth, 1978: 22. USA (California).

atchleyi Clastrier and Wirth, 1978: 32. USA (California).

auster Clastrier, 1981a: 91. South Africa.

bassoi Ronderos and Spinelli, 1993: 305. Chile.

beidaiheensis Liu and Yu, *in* Yu et al., 2005: 53. China.

belkini Wirth and Atchley, 1973: 37. USA (California).

bequaerti (Kieffer), 1925a: 405 (*Holoconops*; as *becquaerti*). Honduras.

hondurensis Hoffman, 1926b: 135. Honduras.

binangulus Yu, 1989b: 97. China.

binisiculus Yu and Liu, *in* Yu, 1988: 130. China.

borealis Gutsevich, 1945: 124. Russia.

popovii Dzhafarov, 1961a: 72. Azerbaijan.

brevistylus Mazumdar, Saha and Chaudhuri, 2010: 50. India.

catawbae (Boesel), 1948: 69 (*Holoconops*). USA (Ohio).

chenfui Yu and Xiang, *in* Yu, 1988: 130. China.

conulus Yu and Liu, *in* Liu et al., 1990: 218 (*in* Liu et al., 1990: 13). China.

dicheres Liu and Yu, *in* Yu et al., 2005: 62. China.

dissimilis Clastrier, 1975a: 605. Chad.

doyeni Spinelli and Ronderos, 1993: 115. Mexico.

dunhuangensis Liu and Yu, *in* Yu et al., 2005: 63. China.

expectator Clastrier, 1975b: 39. Algeria.

foleyi Clastrier, 1975b: 33. Algeria.

fortipalpus Mazumdar, Saha and Chaudhuri, 2010: 51. India.
foulki Clastrier and Wirth, 1978: 38. USA (California).
gallicus Clastrier, 1973: 906. France.
helobius Ma and Yu, *in* Ma et al., 1990: 49. China.
interruptus (Enderlein), 1908: 460 (*Mycterotypus*). Namibia.
jizhang Liu and Yu, *in* Yu et al., 2005: 69. China.
kerteszi Kieffer, 1908: 576. Egypt.
knowltoni Clastrier and Wirth, 1978: 26. USA (California).
lacteipennis Kieffer, 1918a: 32. Tunisia.
laosensis Clastrier, 1974b: 71. Laos.
latibulorum Gutsevich, 1973: 259. Kazakhstan.
laurae (Weiss), 1912: 24 (*Mycterotypus*). Tunisia.
 mediterraneus (Kieffer), 1921i: 264 (*Holoconops*). Algeria.
linleyi Wirth and Atchley, 1973: 49. USA (Florida).
macfieii Clastrier, 1975b: 28. Egypt.
mellori Clastrier and Boorman, 1987: 293. Bahrain.
menglaensis Liu and Yu, *in* Yu et al., 2005: 71. China.
monotheca Liu and Yu, *in* Yu et al., 2005: 73. China.
montanus Konurbajev, 1965: 134. Kyrgyzstan.
nachitschevanicus Dzhafarov, 1961c: 78. Azerbaijan.
nasiformus Liu and Yu, *in* Yu et al., 2005: 74. China.
nevilli Clastrier, 1981a: 88. South Africa.
ningxiaensis Liu and Yu, *in* Yu et al., 2005: 75. China.
noterophilous Yu and Liu, *in* Liu et al., 1990: 15. China.
pavlovskiyi Dzhafarov, 1961a: 74. Azerbaijan.
peneti (Langeron), 1913: 282 (*Mycterotypus*, as variety of *laurae*). Tunisia.
pugnax Clastrier, 1973: 908. France.
qinghaiensis Liu, Zhang and Gong, 2004: 49. China.
reesi Clastrier and Wirth, 1978: 42. USA (Utah).
riparins Yu, *in* Liu et al., 1990: 17 (also as *riparius*). China.
rufiventris (Kieffer), 1923a: 658 (*Microconops*). Algeria.
shangweni Xu and Yu, 1989: 276. China.
sublettei Clastrier and Wirth, 1978: 36. USA (Texas).
tarimensis Yu, 1982: 204 (1985: 406). China.
tenebrostigmatus Mazumdar, Saha and Chaudhuri, 2010: 53. India.
tetratheca Liu and Yu, *in* Yu et al., 2005: 83. China.
tibetensis Lee, 1978: 115. China.
transversalis (Kieffer), 1921h: 112 (*Holoconops*). Tunisia.
triquetrus Liu and Yu, *in* Liu et al., 1990: 21. China.
tuotuohe Liu and Gong, 2003: 549. China.
umbellifer Clastrier, 1981a: 93. South Africa.
utriculus Liu and Yu, *in* Yu et al., 2005: 89. China.
vargasi Clastrier and Wirth, 1978: 34. Mexico.
vexans (Kieffer), 1921h: 110 (*Microconops*). Algeria.
whitseli Clastrier and Wirth, 1978: 20. USA (California).
xuthosceles Chanthawanich and Delfinado, 1967: 299. Thailand.
yixini Liu, 1997: 40. China.
yunhsienensis Yu, 1963: 450. China.
yunnanensis Lee, 1978: 116. China.

Subgenus LEPTOCONOPS Skuse

bezzii (Noè), 1905: 114 (*Mycterotypus*). Italy.
 muganicus Dzhafarov, 1962d: 241 (as subspecies of *bezzii*; name *in* Dzhafarov, 1961a: 67 a nomen nudum).

Azerbaijan.

- bidentatus** Gutsevich, 1960: 127. Russia.
- boreus** Kalugina, 1991: 78. Russia. Upper Cretaceous.
- brasiliensis** (Lutz), 1913: 66 (*Tersesthes*). Brazil.
- bullsbrookensis** Smee, 1966: 1008. Australia (Western Australia).
- bundyensis** Smee, 1966: 1007. Australia (New South Wales).
- burmiticus** Szadziewski, 2004:116. Myanmar. Lower Cretaceous.
- camelorum** (Kieffer), 1921h: 111 (*Tersesthes*). Algeria.
- capensis** de Meillon and Hardy, 1953: 24. South Africa.
- carteri** Hoffman, 1926b: 133. USA (California).
- casali** Cavalieri and Chiossone, 1966: 45. Argentina.
- caucasicus** Gutsevich, 1953: 235. Azerbaijan.
- chilensis** Forattini, 1958: 38. Chile.
- chinensis** Sun, 1968: 2. China.
- clava** Borkent, 1997c: 4. Hungary. Upper Cretaceous.
- copiosus** Borkent, 1996: 3. USA (New Jersey). Upper Cretaceous.
- curvachelus** Borkent, 1996: 7. USA (New Jersey). Upper Cretaceous.
- demeilloni** Clastrier and Nevill, 1984: 245. South Africa.
- endialis** Smee, 1966: 1010. Australia (Northern Territory).
- flaviventris** Kieffer, 1918a: 34. Tunisia.
- freeborni** Wirth, 1952a: 115. USA (California).
- fretus** Yu and Zhan, *in* Wang et al., 1990: 74. China.
- golanensis** Clastrier, 1981c: 31. Israel.
- grandis** Carter, 1921: 12. Australia (Western Australia).
- halophilus** Smee, 1966: 1010. Australia (Western Australia).
- harrisoni** de Meillon and Hardy, 1953: 22. South Africa.
- hongkongensis** Yu, 2006: 36. China.
- hyalinipennis** Kieffer, 1918a: 33. Tunisia.
- indicus** (Kieffer), 1918a: 135 (*Schizoconops*). India.
- irritans** (Noè), 1905: 118 (*Mycterotypus*). Italy.
- longipalpis* (Kieffer), 1923a: 657 (*Microconops*). Algeria.
- inopinatus* Huttel and Huttel, 1952b: 45. France.
- kinmenensis** Lien, Lin, Weng and Chin, 1996: 32. Taiwan.
- lisbonnei** Harant and Galan, 1944: 170. France.
- longicauda** Yu, 1997: 56. China.
- longicornis** Carter, 1921: 11. Australia (Western Australia).
- lucidus** Gutsevich, 1964: 192. Kazakhstan.
- mackerrasae** Smee, 1966: 1006. Australia (Queensland).
- melanderi** Wirth and Atchley, 1973: 27. USA (Washington).
- mesopotamiensis** (Patton), 1920: 245 (*Tersesthes*). Iraq.
- minutus** Gutsevich, 1973: 249. Turkmenistan.
- mohavensis** Wirth and Atchley, 1973: 29. USA (California).
- montigenus** Clastrier, 1981b: 123. Israel.
- myanmaricus** Szadziewski, 2004:117. Myanmar. Lower Cretaceous.
- nicolayi** de Meillon, 1937b: 330. Democratic Republic of the Congo.
- nigripes** Dzhafarov, 1961a: 68. Azerbaijan.
- nipponensis** Tokunaga, 1937a: 262. Japan.
- oshimaensis* Takaoka and Hayashi, 1977: 385. Japan.
- nivalis** Smee, 1966: 1012. Australia (New South Wales).
- noei** Clastrier and Coluzzi, 1973: 59. Italy.
- nosopheris** Poinar, 2008: 468. Myanmar. Early Cretaceous.
- obscurus** Smee, 1966: 1014. Australia (New South Wales).
- panamensis** Ronderos and Spinelli, 1993: 308. Panama.
- parvichelus** Chanthawanich and Delfinado, 1967: 297. Malaysia.

- petrocchiaie** Shannon and Del Ponte, 1927: 734. Argentina.
- primaevus** Borkent, 1995: 30. Canada (Alberta). Upper Cretaceous.
- rhodesiensis** Carter, 1921: 14. Zambia.
- ricardo** Ronderos and Spinelli, 1992: 43. Argentina.
- riverinaensis** Smee, 1966: 1009. Australia (Australian Capital Territory).
- rossi** Szadziwski, 2004:118. Myanmar. Lower Cretaceous.
- rovnensis** Sontag and Szadziwski, 2011: 780. Ukraine. Eocene.
- siamensis** Carter, 1921: 20. Thailand.
leptorhynchus Chanthawanich and Delfinado, 1967: 295. Malaysia.
maai Tokunaga, 1963a: 214. Indonesia.
- sibiricus** Szadziwski, 1996: 49. Russia. Upper Cretaceous.
- smei** Wirth and Atchley, 1973: 22. New name for *longipalpis*.
longipalpis Smee, 1966: 1007 (preoccupied by *Leptoconops longipalpis* (Kieffer), 1923a). Australia (Western Australia).
- stygius** Skuse, 1889: 288. Australia (New South Wales).
- subrossicus** Szadziwski and Poinar, 2005: 359. Myanmar. Lower Cretaceous.
- succineus** Szadziwski, 1988: 233. Denmark. Eocene.
- taiwanensis** Lien, Lin and Weng, 1998a: 39. Taiwan.
- torrens** (Townsend), 1893: 371 (*Tersesthes*). USA (New Mexico).
- venezuelensis** Ortiz, 1952a: 165. Venezuela.
- wehaiensis** Yu and Xue, *in* Yu, 1988: 132. China.
- woodhilli** Lee, 1948a: 334. Australia (Northern Territory).
- zherikhini** Szadziwski and Arillo, 2003:273. Spain. Lower Cretaceous.

Subgenus MEGACONOPS Wirth and Atchley

MEGACONOPS Wirth and Atchley, 1973: 18 (as subgenus of *Leptoconops*). Type species: *Leptoconops floridensis* Wirth, by original designation.

floridensis Wirth, 1951c: 282. USA (Florida).

Subgenus PALAEOCONOPS Borkent

PALAEOCONOPS Borkent, 2001: 3 (as subgenus of *Leptoconops*). Type species: *Leptoconops amplificatus* Borkent, by original designation.

amplificatus Borkent, 2001: 3. Lebanon. Lower Cretaceous.

antiquus Borkent, 2001: 6. Lebanon. Lower Cretaceous.

Subgenus PROLEPTOCONOPS Clastrier

PROLEPTOCONOPS Clastrier, 1974a: 231 (as subgenus of *Leptoconops*). Type species: *Leptoconops hutsoni* Clastrier, by original designation.

aviarum Gutsevich, 1973: 245. Tajikistan.

bahreinensis Clastrier and Boorman, 1987: 297. Bahrain.

bailangensis Liu and Yu, *in* Yu et al., 2005: 109. China.

dixi de Meillon, 1936: 141. Namibia.

fuscipennis Clastrier, Rioux and Descous, 1961: 93. Chad.

hutsoni Clastrier, 1974a: 232. Algeria.

turkmenicus Molotova, 1967: 627. Turkmenistan.

werner Wirth and Atchley, 1973: 34. USA (California).

Subgenus STYLOCONOPS Kieffer

STYLOCONOPS Kieffer, 1921h: 107. Type species: *Leptoconops albiventris* de Meijere, by original designation.
ACANTHOCONOPS Carter, 1921: 24. Type species: *Acanthoconops spinosifrons* Carter, by original designation.

albiventris de Meijere, 1915: 98. Indonesia.

spinosipes Kieffer, 1917a: 190. Papua New Guinea.

hamariensis Herzi and Sabatini, 1983: 68. Somalia.

mooloolabaensis (Smee), 1966: 1021 (*Styloconops*). Australia (Queensland).

myersi (Tonnoir), 1924: 443 (*Acanthoconops*). New Zealand.

pseudosetosifrons (Smee), 1966: 1023 (*Styloconops*). Australia (Northern Territory).

setosifrons (Smee), 1966: 1022 (*Styloconops*). Australia (Queensland).

spinosifrons (Carter), 1921: 24 (*Acanthoconops*). Tanzania.

australiensis (Lee), 1948a: 337 (*Styloconops*). Australia (New South Wales).

luteigaster (Senior-White), 1929: 1 (*Tersesthes*). India.

yalongensis Yu and Wang, *in* Yu, 1988: 132. China.

Genus MINYOHELEA Borkent

MINYOHELEA Borkent, 1995: 68. Type species: *Minyohelea pumilis* Borkent, by original designation.

LEBANOCONOPS Szadziewski, 1996: 40. Type species: *Lebanoconops lebanicus* Szadziewski, by original designation.

bacula Borkent, 2000a: 386. Lebanon. Lower Cretaceous.

casca Borkent, 1997c: 2. Austria. Lower Cretaceous.

falcata Borkent, 2000a: 385. Lebanon. Lower Cretaceous.

lebanicus (Szadziewski), 1996: 42 (*Lebanoconops*). Lebanon. Lower Cretaceous.

minutus (Szadziewski), 1996: 43 (*Lebanoconops*). Lebanon. Lower Cretaceous.

pumilis Borkent, 1995: 69. Canada (Alberta). Upper Cretaceous.

schleei Szadziewski, 1996: 45. Lebanon. Lower Cretaceous.

wirthi (Szadziewski), 1996: 44 (*Lebanoconops*). Lebanon. Lower Cretaceous.

SUBFAMILY FORCIPOMYIINAE LENZ, 1934: 96

Genus ATRICHOPOGON Kieffer

ATRICHOPOGON Kieffer, 1906a: 53 (as subgenus of *Ceratopogon*). Type species: *Ceratopogon exilis* Coquillett (= *Ceratopogon levis* Coquillett), designation by Coquillett, 1910: 512.

KEMPPIA Kieffer, 1913d: 162, 179 (as subgenus of *Dasyhelea*). Type species: *Dasyhelea calcuttensis* Kieffer, designation by Wirth, 1952a: 117.

GYMNOHELEA Kieffer, 1921h: 115. Type species: *Kempia longiserrus* Kieffer, designation by Wirth, 1973: 348.

DOLICHOHELEA Edwards, 1929b: 8. Type species: *Dolichohelea polita* Edwards, by monotypy.

LOPHOMYIDIUM Cordero, 1929: 94. Type species: *Lophomyidium uruguayense* Cordero, by original designation.

PSILOKEMPPIA Enderlein, 1936: 49. Type species: *Kempia appendiculata* Goetghebuer, by monotypy.

MELOEHELEA Wirth, 1956b: 16 (as subgenus of *Atrichopogon*). Type species: *Atrichopogon meloesugans* Kieffer (= *Atrichopogon winnertzi* Goetghebuer), by original designation.

PSAMMOPOGON Remm, 1979b: 57 (as subgenus of *Atrichopogon*). Type species: *Atrichopogon trifasciata* Kieffer (= *Atrichopogon flavolineatus* Strobl), by original designation.

ROSTROPOGON Remm, 1979b: 57 (as subgenus of *Atrichopogon*). Type species: *Ceratopogon rostratus* Winnertz, by original designation.

IMPENSUKEMPPIA Yu, *in* Liu et al., 2001a: 47 (as subgenus of *Atrichopogon*). Type species: *Atrichopogon impensus*, by original designation.

BESSAMYIA Yu, Liu, Liu, Liu, Hao, Yan and Zhao, 2006: 355 (as subgenus of *Atrichopogon*). Type species: *Atrichopogon besa* Yu and Yan, by original designation.

abrasus Edwards, 1928: 52. Western Samoa.
abyssiniae Kieffer, 1918a: 44. Ethiopia.
acanthocolpus Ingram and Macfie, 1922: 260. Nigeria.
acosmetus Ingram and Macfie, 1922: 263. Ghana.
adamsoni Macfie, 1937a: 4. Trinidad and Tobago.
aereum Yu and Yan, *in* Yu et al., 2005: 357. China.
aethiops (Goetghebuer), 1920: 33 (*Kempia*). Belgium.
africanus Ingram and Macfie, 1921: 334. Ghana.
akizukii Tokunaga, 1940b: 274 (as *akisukii*). Russia.
alainus Remm, 1980: 110. Kyrgyzstan.
albinensis Ingram and Macfie, 1931a: 228. Argentina.
albiscapulus Kieffer, 1918a: 42. Algeria.
 bilineatus Kieffer, 1922g: 498. Algeria.
alticola (Kieffer), 1911b: 323 (*Forcipomyia*). India.
altivolans Macfie, 1949: 113. Mexico.
alveolatus Nielsen, 1951: 26. Denmark.
anemotis Kieffer, 1913e: 7. Kenya.
annulifemoratus Tokunaga, 1959: 190. Papua New Guinea.
appendiculatus (Goetghebuer), 1920: 37 (*Kempia*). Belgium.
 armativentris (Kieffer), 1923a: 673 (*Kempia*). Algeria.
 adjacens (Kieffer), 1924b: 401 (*Kempia*, as variety of *appendiculatus*). France.
aquilonarius Yu and Yan, *in* Yu et al., 2005: 379. China.
arabicus Szadziewski, Gwizdalska-Kentzer and Gilka, 2011: 637. United Arab Emirates.
archboldi Wirth, 1994a: 27. USA (Florida).
arciforceps Tokunaga, 1941a: 110. Micronesia.
arcticus (Coquillett), 1900: 396 (*Ceratopogon*). USA (Alaska).
argus Kieffer, 1916a: 86. Taiwan.
argutus Liu, Yan and Liu, 1996: 23. China.
aridus Spinelli and Marino, *in* Spinelli et al., 2006: 304. Argentina.
armaticaudalis Tokunaga and Murachi, 1959: 131. Micronesia.
armatylabrum Clastrier, 1987b: 211. New Caledonia (France).
assuetus Macfie, 1934c: 185 (1934d: 212). Malaysia.
aterrimus Kieffer, 1913d: 178. India.
atratus Kieffer, 1917a: 184. Australia (New South Wales).
atribarbus Kieffer, 1922c: 232. Germany.
atricollis (Goetghebuer), 1935d: 163 (*Kempia*). Democratic Republic of the Congo.
atriscapulus Kieffer, 1918a: 45. Tunisia.
atromaculatus Goetghebuer, 1933b: 111. Russia.
atroscutellatus Edwards, 1928: 53. Western Samoa.
atroxipes Bose and Das Gupta, *in* Bose et al., 2003: 261. India.
attentus Johannsen, 1932: 416. Indonesia.
asuturus Borkent and Picado, 2004: 29. Costa Rica.
auricoma Kieffer, 1917b: 300. Colombia.
australis Clastrier, 1987b: 200. New Caledonia (France).
badiensis Clastrier, 1959b: 354. Senegal.
bai Remm, 1980: 114. Turkmenistan.
bakeri Macfie, 1939a: 88. Uganda.
balseiroi Spinelli, 1982: 206. Argentina.
bangqiensis Yan, Zhang and Yu, 1995: 100. China.
barbatus Borkent and Picado, 2004: 23. Costa Rica.
bargaensis Remm, 1972: 70. Russia.
baripenis Yu and Yan, *in* Yu et al., 2005: 365. China.
beccus Borkent and Picado, 2004: 31. Costa Rica.
bellicosus Debenham, 1973: 74. Papua New Guinea.

- bessa** Yu and Yan, *in* Yu et al., 2005: 355. China.
- biangulus** Yan, Zhang and Yu, 1995: 96. China.
- bicolor** Wirth and Ratanaworabhan, 1993: 328. Malaysia.
- bicuspis** Borkent and Picado, 2004: 9. Costa Rica.
- bidaculus** Yu and Yan, *in* Liu, 2001a: 124. China.
- bifasciatus** Kieffer, 1917a: 181. Papua New Guinea.
- bifidus** Ewen, *in* Ewen and Saunders, 1958: 694. Brazil.
- binipenis** Yu and Yan, *in* Liu, 2001a: 53. China.
- biroi** Kieffer, 1917a: 182. Papua New Guinea.
- bisetosus** (Goetghebuer), 1933e: 137 (*Kempia*). Democratic Republic of the Congo.
- boharti** Tokunaga, 1962a: 159. Japan.
- borkenti** Wirth, 1994a: 25. Canada (British Columbia).
- brasiliensis** Macfie, 1939c: 184. Brazil.
- brevicellula** Kieffer, 1921b: 8. Cameroon.
- brevicercus** Yan and Yu, 2000: 402 (*in* Liu, 2001a: 21). China.
- brevicornis** Tokunaga, *in* Tokunaga and Murachi, 1959: 138. Belau (USA).
- brevifurca** Goetghebuer, 1948b: 10. Democratic Republic of the Congo.
- brevipalpalis** Remm, 1993: 198. Russia.
nanopalpis Borkent, *in* Borkent and Wirth, 1997:26. Unnecessary new name for *brevipalpalis* (as *brevipalpis*).
- brevipalpis** Macfie, 1944b: 298. Trinidad and Tobago.
- brevipenis** Yu and Yan, *in* Liu, 2001a: 67. China.
- breviserrus** (Kieffer), 1924b: 400 (*Kempia*). France.
- brevistilus** Kieffer, 1913d: 178. India.
- briani** de Meillon, 1961: 45. Madagascar.
- brunnescens** Statz, 1944: 141. Germany. Oligocene.
- brunnicellula** Clastrier, 1959b: 366. Senegal.
- brunnipes** (Meigen), 1804: 29 (*Ceratopogon*). Europe.
longinervis Kieffer, 1919a: 28 (as variety of *orbicularis*). Romania, Slovak Republic.
semiensis Remm, 1972: 68. Russia.
- bullus** Remm, 1980: 114. Turkmenistan.
- calcuttensis** (Kieffer), 1913d: 181 (*Dasyhelea*). India.
- callipotami** Macfie, 1924: 65. Egypt.
- capistratus** Yu and Yan, *in* Liu, 2001a: 126. China.
- caribbeanus** Ewen, *in* Ewen and Saunders, 1958: 683. Trinidad and Tobago.
- carinatus** Wirth and Ratanaworabhan, 1992: 271. Malaysia.
- carnatus** Borkent and Picado, 2004: 13. Costa Rica.
- carpintero** Marino and Spinelli, 2004c: 157. Argentina.
- casali** Cavalieri and Chiossone, 1973: 153. Argentina.
- catinus** Yan and Yu, *in* Liu, 2001a: 69. China.
- celibatus** Ingram and Macfie, 1923: 48. South Africa.
- celsus** Yu and Yan, *in* Yu et al., 2005: 368. China.
- characopodus** (Speiser), 1910: 749 (*Helea*). Tanzania.
- chazeau** Clastrier, 1987b: 199. New Caledonia (France).
- chilensis** Ingram and Macfie, 1931a: 175. Argentina.
- chrysosphaerotus** Ingram and Macfie, 1921: 337. Ghana.
- chuanxiensis** Yu and Yan, *in* Liu, 2001a: 71. China.
- circatheca** Bose and Das Gupta, *in* Bose et al., 2003: 262. India.
- clarusaliger** Bose and Das Gupta, *in* Bose et al., 2003: 264. India.
- clastrieri** Spinelli and Marino, 2007: 204. Argentina.
- clavator** Debenham, 1973: 73. Papua New Guinea.
- clavifuscus** Tokunaga, 1940b: 275. Japan.
- colossus** Borkent and Picado, 2004: 10. Costa Rica.
- columbianus** Kieffer, 1917b: 303. Colombia.
- comatus** Bose and Das Gupta, *in* Bose et al., 2003: 266. India.

comechingon Spinelli and Marino, *in* Spinelli et al., 2006: 306. Argentina.
conglomeratus Kieffer, 1921b: 8. Cameroon.
conspicuus Clastrier, Rioux and Descous, 1961: 54. Chad.
coracinus Kieffer, 1917a: 184. Australia (New South Wales).
corpulentus Ewen, *in* Ewen and Saunders, 1958: 681. Canada (British Columbia).
costalis Macfie, 1939c: 179. Brazil.
costaricae Macfie, 1953: 98. Costa Rica.
costatus Yu and Yan, *in* Liu, 2001a: 28. China.
cretensis Kieffer, 1919a: 28 (as variety of *orbicularis*). Greece.
crinitus Ewen, *in* Ewen and Saunders, 1958: 717. Canada (British Columbia).
crispantis Liu, Yan and Liu, 1996: 24. China.
cristatus Hao and Yu, 1998:133. China.
cryptogamus Macfie, 1939c: 182. Brazil.
curtipalpis (Kieffer), 1923b: 136 (*Kempia*). Indonesia.
daleyae Giles and Wirth, 1984: 210. Viet Nam.
dehiscens Yu and Yan, *in* Liu, 2001a: 77. China.
dekeyseri Clastrier, 1959b: 357. Senegal.
delpontei Cavalieri and Chiossone, 1972: 121. Argentina.
densiplumus Kieffer, 1918a: 41. Tunisia.
depilis Macfie, 1939c: 178. Brazil.
deyrupi Wirth, 1994a: 26. USA (Florida).
didymothecae Macfie, 1953: 99. Costa Rica.
dilutus Johannsen, 1932: 417. Indonesia.
discors Macfie, 1934c: 189. Malaysia.
distictus Kieffer, 1918a: 43. South Africa.
dominicanus Szadziewski and Grogan, 1998b: 264. Dominican Republic. Miocene.
domizii Spinelli, 1982: 201. Argentina.
dorsalis Tokunaga, 1940b: 273. Japan.
downesi Wirth, 1980: 129. USA (West Virginia).
dubius Nielsen, 1951: 25. Denmark.
echinatus Yu and Yan, *in* Yu et al., 2005: 360. China.
echinodes Macfie, 1939c: 194. Brazil.
edentatus Remm, 1972: 67. Russia.
edwardsi Macfie, 1934c: 184 (1934d: 208). Malaysia.
elektrophaeus Ingram and Macfie, 1921: 335. Ghana.
endemicus Spinelli and Marino, *in* Spinelli et al., 2006: 307. Argentina.
eocenicus Szadziewski, 1988: 223. Poland. Eocene.
epicautae Wirth, 1956b: 21. USA (Arizona).
epixanthopygus Yu and Yan, *in* Yu et al., 2005: 369. China.
eucnemus Macfie, 1939c: 185. Brazil.
exiletergitus Yu and Yan, *in* Yu et al., 2005: 393. China.
eximiunguis Bose and Das Gupta, *in* Bose et al., 2003: 267. India.
ezoensis Tokunaga, 1940b: 268. Japan.
falcatus Boesel, 1973: 214. USA (Michigan).
falcis de Meillon and Wirth, 1981c: 571. South Africa.
farki Wirth, 1956b: 22. USA (Massachusetts).
femoralis Tokunaga, 1940b: 264. Japan.
fenestriscutum Tokunaga and Murachi, 1959: 125. Micronesia.
ferenudus Bose and Das Gupta, *in* Bose et al., 2003: 269. India.
fiebrigi Kieffer, 1917b: 302. Paraguay.
fimbriatus Macfie, 1939c: 194 (as variety of *gordoni*). Brazil.
fitzroyi Macfie, 1932c: 34. New Zealand.
flabellis Bose and Das Gupta, *in* Bose et al., 2003: 269. India.
flavencruris Tokunaga and Murachi, 1959: 135. Micronesia.

- flavens** Tokunaga, 1940b: 266. Japan.
- flaveolus** Zilahi-Sebess, 1936a: 201, 204. Poland.
- flavicaudae** Macfie, 1939c: 181. Brazil.
pilosior Macfie, 1939c: 182 (as variety of *flavicaudae*). Brazil.
- flaviceps** Kieffer, 1912a: 28. Taiwan.
mendax Kieffer, 1922b: 156 (as variety of *flaviceps*). Taiwan.
- flavidus** Kieffer, 1921g: 562. Philippines.
- flavipalpis** Kieffer, 1913d: 175. India.
- flavipes** Lutz, 1914: 90. Brazil.
- flaviplumus** Remm, 1993: 197. Russia.
- flaviscapus** Remm, 1971: 194. Russia.
- flaviscutellum** Tokunaga, 1940b: 277. Japan.
- flavitarisatus** (Becker), 1903: 74 (*Ceratopogon*). Egypt.
- flavitergum** Tokunaga, 1959: 187. Papua New Guinea.
- flavolineatus** (Strobl), 1880: 52 (*Ceratopogon*). Austria.
trifasciatus Kieffer, 1918a: 90. Turkey, Greece, Hungary, Slovak Republic, Romania.
- flavus** Ewen, in Ewen and Saunders, 1958: 697. Canada (Saskatchewan).
- flumineus** Macfie, 1935a: 52. Brazil.
- forcipatus** (Winnertz), 1852: 30 (*Ceratopogon*). Germany.
silesiacus Kieffer, 1919a: 30. Poland.
hamifer (Goetghebuer), 1920: 38 (*Kempia*). Belgium.
- fulvipes** Remm, 1972: 71. Turkmenistan.
- fulviscutellaris** Tokunaga, 1959: 192. Papua New Guinea.
- fulvus** Macfie, 1934c: 186. Malaysia.
- fusciscutellum** Wirth and Ratanaworabhan, 1993: 324. Malaysia.
- fuscus** (Coquillett), 1901a: 605 (*Ceratopogon*). USA (New Jersey).
polydactylus Nielsen, 1951: 27. Denmark.
- fuscus** (Meigen), 1804: 28 (*Ceratopogon*). Europe.
fuscipes (Zetterstedt), 1850: 3644 (*Ceratopogon*). Denmark.
fossicola Kieffer, 1922c: 234. Germany.
- fusinervis** (Malloch), 1915a: 308 (*Ceratopogon*). USA (Illinois).
- gamboai** Borkent and Picado, 2004: 26. Costa Rica.
- geminus** Boesel, 1973: 211. USA (Ohio).
- ghashmi** Boorman and Harten, 2002: 434. Yemen.
- gillipaludosus** Remm, 1993: 198. Armenia.
- gilvus** (Coquillett), 1905: 62 (*Ceratopogon*). USA (Florida).
- glaber** Macfie, 1935a: 50. Brazil.
- glabricollis** (Waltl), 1837: 279 (*Ceratopogon*). Germany.
- globosus** Kieffer, 1918a: 45. Ethiopia.
- globulifer** Macfie, 1939c: 191. Brazil.
- glukhovae** Huerta, 2008: 73. Mexico.
- gordoni** Macfie, 1938: 164. Trinidad and Tobago.
- gracilis** Hao and Yu, 1998:134 (in Liu, 2001a: 80). China.
- granditergitus** Borkent and Picado, 2004: 27. Costa Rica.
- granditibialis** Borkent and Picado, 2004: 20. Costa Rica.
- grandis** Bose and Das Gupta, in Bose et al., 2003: 269. India.
- gressitti** Tokunaga, in Tokunaga and Murachi, 1959: 137. Micronesia.
- greyi** Macfie, 1932c: 35. New Zealand.
- griseolus** (Zetterstedt), 1855: 4865 (*Ceratopogon*). Sweden.
majusculus Remm, 1961b: 920. Estonia.
- guyanensis** Macfie, 1940b: 184. Guyana.
- guttatus** Yan and Yu, 2000: 403 (in Liu, 2001a: 24). China.
- haemorrhoidalis** Kieffer, 1921g: 560. Taiwan.
- haesitans** (Kieffer), 1922c: 234 (*Gymnohelea*). Germany.

- harpagonum** Macfie, 1934c: 184 (1934d: 208). Malaysia.
- harrisi** Macfie, 1938: 163. Trinidad and Tobago.
- helles** de Meillon and Wirth, 1983a: 350. South Africa.
- hesperius** Ingram and Macfie, 1922: 266. Ghana.
- hexastichus** Nielsen, 1951: 27. Denmark.
- hilaris** Bose and Das Gupta, *in* Bose et al., 2003: 271. India.
- hirsutipennis** Ingram and Macfie, 1923: 49. South Africa.
helion de Meillon, 1936: 177. South Africa.
- hirtidorsum** Remm, 1961b: 922. Estonia.
- hispaniae** Havelka, 1979: 58. Spain.
- hobsoni** Macfie, 1932c: 32. New Zealand.
- homoius** Ingram and Macfie, 1921: 338. Ghana.
alfierii Kieffer, 1925e: 249. Egypt.
- homofacies** Spinelli, *in* SpinelliBose, 1989: 734. Argentina.
- horni** Kieffer, 1925a: 408. Sri Lanka.
- horos** Yan and Yu, *in* Yu et al., 2005: 428. China.
- hortensis** Sahuquillo and Gil Collado, 1982a: 305 (as subspecies of *minutus*). Spain.
- hukengicus** Yu, Huang and Yang, *in* Huang et al., 2009:365. China.
- humicola** Ewen, *in* Ewen and Saunders, 1958: 679. Canada (Saskatchewan).
- hystricoides** Debenham, 1973: 71. Papua New Guinea.
- ilonae** Gosseries, 1989: 2. New name for *pilosipennis*.
pilosipennis Tokunaga, 1940b: 276 (preoccupied by *Forcipomyia pilosipennis* (Kieffer), 1919a). Japan.
- impensus** Yu and Yan, *in* Liu, 2001a: 50. China.
- inacayali** Spinelli and Marino, *in* Spinelli et al., 2006: 309. Argentina.
- inconspicuus** Ewen, *in* Ewen and Saunders, 1958: 706. Canada (Saskatchewan).
- incultus** Ewen, *in* Ewen and Saunders, 1958: 699. Costa Rica.
- indianus** (Kieffer), 1910: 185 (*Ceratopogon*). India.
rivicola (Kieffer), 1911b: 324 (*Forcipomyia*). India.
- infamis** Bose and Das Gupta, *in* Bose et al., 2003: 273. India.
- infuscus** Goetghebuer, 1929: 232. Belgium.
- insignipalpis** Macfie, 1940a: 73. Brazil.
- insigniunguis** Clastrier, 1987b: 198. New Caledonia (France).
- insigniventris** Macfie, 1935a: 51. Brazil.
- insolens** Bose and Das Gupta, *in* Bose et al., 2003: 274. India.
- insolitipes** Bose and Das Gupta, *in* Bose et al., 2003: 273. India.
- insularis** Kieffer, 1921g: 561. Taiwan.
citrinipes Kieffer, 1922b: 154. Taiwan.
- intertextus** Yu and Yan, *in* Yu et al., 2005: 443. China.
- isis** Kieffer, 1925e: 252. Egypt.
- isolatus** Liu, Yan and Liu, 1996: 24. China.
- jacobsoni** (de Meijere), 1907: 212 (*Ceratopogon*). Indonesia.
flavellus Kieffer, 1913d: 177. India.
immaculatus Kieffer, 1917a: 181. Papua New Guinea.
cavernarum Edwards, 1924: 107. India.
rarus Johannsen, 1946: 188. Guam (USA).
- jamnbacki** Wirth, 1994a: 24. USA (New York).
- japonicus** Tokunaga, 1940b: 272. Japan.
- jejunus** Macfie, 1934c: 184 (1934d: 211). Malaysia.
- jianfengensis** Liu and Yan, *in* Liu, 2001a: 86. China.
- jubacaudalis** Yu and Yan, *in* Yu et al., 2005: 445. China.
- kagiensis** Tokunaga, 1940b: 270. Taiwan.
- kangnani** Yan, Zhang and Yu, 1995: 99. China.
- kelainosoma** Ingram and Macfie, 1922: 261. Ghana.
- kribiensis** Kieffer, 1921b: 10. Cameroon.

- kyotoensis** Tokunaga, 1940b: 275. Japan.
- lacajae** Macfie, 1953: 100. Costa Rica.
- lacustris** Clastrier, 1987b: 203. New Caledonia (France).
- ladislavi** Tóthová, *in* Tóthová et al., 2009. Canada.
- lamellamarsipos** Yu and Yan, *in* Yu et al., 2005: 345. China.
- lampronotus** (Kieffer), 1911c: 335 (*Ceratopogon*). Seychelles.
- largipenis** Yan, Zhang and Yu, 1995: 98. China.
- lassus** Yan, Zhang and Yu, 1995: 97. China.
- latipygus** Vaillant, 1957: 270. Algeria.
- lazoensis** Remm, 1971: 197. Russia.
- levis** (Coquillett), 1901a: 604 (*Ceratopogon*). USA (Maryland).
exilis (Coquillett), 1902a: 86 (*Ceratopogon*). USA (District of Columbia).
- lindneri** Wirth, 1964: 2. Tanzania.
- lituratus** (Williston), 1896: 281 (*Ceratopogon*). St. Vincent.
- lobatus** Borkent and Picado, 2004: 14. Costa Rica.
- longicalcar** Remm, 1961b: 925. Estonia.
- longicalcaris** Tokunaga, 1959: 182. Papua New Guinea.
- longicornis** Ewen, *in* Ewen and Saunders, 1958: 700. Costa Rica.
- longicostus** Clastrier, 1959b: 360. Senegal.
- longipalpis** (Kieffer), 1923b: 135 (*Kempia*). Indonesia.
- longiserrus** (Kieffer), 1921a: 53 (*Kempia*). Poland.
- longitergitus** Yan and Yu, *in* Liu et al., 2001a: 26. China.
- lucorum** (Meigen), 1818: 72 (*Ceratopogon*). Europe.
sylvaticus (Winnertz), 1852: 29 (*Ceratopogon*). Germany.
setosipennis (Kieffer), 1911d: 3 (*Forcipomyia*). Germany.
bidentatus Kieffer, 1924b: 399 (as variety of *winnertzi*). France.
semititidus Goetghebuer, 1947: 229. Belgium.
- ludingensis** Yu and Yan, *in* Liu et al., 2001a: 90. China.
- luteicollis** (Becker), 1903: 74 (*Ceratopogon*). Egypt.
flavoscutellatus (Becker), 1908: 74 (*Ceratopogon*, preoccupied by *Dasyhelea flavoscutellata* (Zetterstedt), 1850).
Canary Islands (Spain).
aegyptius Kieffer, 1925e: 250. Egypt.
phrixus de Meillon, 1943: 105. South Africa.
sanani Boorman and Harten, 2002: 434. Yemen.
- luteipes** Goetghebuer, 1933e: 140. Democratic Republic of the Congo.
- lutescens** Clastrier, Rioux and Descous, 1961: 59. Chad.
- lyratus** Yu and Yan, *in* Yu et al., 2005: 448. China.
- macrodentatum** Marino, Tóthová and Spinelli, 2011: 62. Argentina.
- maculatus** (Lundström), 1910: 35 (*Ceratopogon*, as variety of *minutus*). Finland.
avastensis Remm, 1959: 688. Estonia.
hamulatus Remm, 1971: 197. Russia.
- maculipennis** Clastrier, 1968: 89. French Guiana.
- maculosus** Ewen, *in* Ewen and Saunders, 1958: 689. Canada (Saskatchewan).
- magnus** Borkent and Picado, 2004: 16. Costa Rica.
- marginipilus** Tokunaga, 1940b: 267. Japan.
- maritimus** Tokunaga, 1940b: 270. Japan.
- mastersi** (Skuse), 1889: 297 (*Ceratopogon*). Australia (New South Wales).
- matilei** Clastrier, 1987b: 204. New Caledonia (France).
- medicrinis** Yu and Yan, *in* Yu et al., 2005: 449. China.
- megalothecus** Remm, 1971: 197. Russia.
- melancholicus** (Meigen), 1838: 18 (*Ceratopogon*). Europe.
- melanimus** Ingram and Macfie, 1923: 50. South Africa.
- melanoticus** Macfie, 1934c: 187 (as variety of *subfuscus*). Malaysia.
- melinois** (Speiser), 1910: 751 (*Helea*, as *melinoessa*). Tanzania.

- meloesugans** Kieffer, 1922g: 495. Algeria.
- mendozae** Ingram and Macfie, 1931a: 229. Argentina.
- mexicanus** Huerta, 2001: 373. Mexico.
- minimus** Kieffer, 1916a: 87. Taiwan.
- minutalatus** Bose and Das Gupta, *in* Bose et al., 2003: 275. India.
- minutus** (Meigen), 1830: 263 (*Ceratopogon*). Europe.
fortiserrus Kieffer, 1924b: 398. France.
turficola Kieffer, 1925b: 149. Estonia.
parviforceps Tokunaga, 1940b: 267. Russia.
- miripalpis** Kieffer, 1924b: 397. France.
- modestus** Bose and Das Gupta, *in* Bose et al., 2003: 275. India.
- monomorphicus** Marino, Tóthová and Spinelli, 2011: 65. Argentina.
- monticola** Tokunaga, 1940b: 271. Taiwan.
- montigenum** Yu and Yan, *in* Liu et al., 2001a: 92. China.
- montivagus** (Kieffer), 1911b: 322 (*Forcipomyia*). India.
- montium** Storå, 1936: 34. Canary Islands (Spain).
- muelleri** (Müller), 1905: 224 (*Ceratopogon*). Poland.
muelleri (Kieffer, 1906b: 336) (*Ceratopogon*, preoccupied by *Atrichopogon muelleri* (Müller), 1905). Germany.
cornutus Nielsen, 1951: 25. Denmark.
globularis Mayer, 1934d: 214 (as variety of *trifasciatus*). Sweden.
- multidens** Bose and Das Gupta, *in* Bose et al., 2003: 277. India.
- multiplex** Bose and Das Gupta, *in* Bose et al., 2003: 279. India.
- multispinosa** Bose and Das Gupta, *in* Bose et al., 2003: 280. India.
- myrmedon** Kieffer, 1922b: 155. Taiwan.
quadrispinosus Remm, 1993: 196. Russia.
pectinacaudalis Yu and Yan, *in* Yu et al., 2005: 457. China.
- nanus** Macfie, 1940b: 184. Guyana.
- natalensis** Ingram and Macfie, 1923: 52. South Africa.
- natans** Kieffer, 1922g: 496. Algeria.
- nebulosus** Macfie, 1939c: 192. Brazil.
- nemestrinus** (Santos Abreu), 1918: 257 (*Helea*). Canary Islands (Spain).
albidipes (Santos Abreu), 1918: 259 (*Helea*, as variety of *nemestrina*). Canary Islands (Spain).
distinctus (Santos Abreu), 1918: 260 (*Helea*, as variety of *nemestrina*). Canary Islands (Spain).
flavicans (Santos Abreu), 1918: 259 (*Helea*, as variety of *nemestrina*). Canary Islands (Spain).
flavihalteratus (Santos Abreu), 1918: 259 (*Helea*, as variety of *nemestrina*). Canary Islands (Spain).
fulviventrtris (Santos Abreu), 1918: 260 (*Helea*, as variety of *nemestrina*). Canary Islands (Spain).
- neocaledoniensis** Clastrier, 1987b: 205. New Caledonia (France).
- nielamuensis** Yu and Yan, *in* Liu et al., 2001a: 130. China.
- nigeriae** Clastrier and Wirth, 1961a: 200. Nigeria.
- nigribasalis** Tokunaga, 1959: 180. Papua New Guinea.
- nigripes** Macfie, 1934c: 188. Malaysia.
- nigritellus** Yu and Yan, *in* Yu et al., 2005: 406. China.
- nigrithoracius** Tokunaga, 1959: 188. Papua New Guinea.
- nigrithorax** Clastrier, 1987b: 207. New Caledonia (France).
- nigrofuscus** Remm, 1980: 115. Kyrgyzstan.
- nigromicans** Goetghebuer, 1935d: 162. Democratic Republic of the Congo.
- nilicola** Kieffer, 1921b: 9. Sudan.
- niloticus** Kieffer, 1921b: 9 (as variety of *conglomeratus*). Sudan.
- nilssoni** de Meillon and Wirth, 1989a: 88. Madagascar.
- novaeteutoniae** Macfie, 1939c: 189. Brazil.
- novaguinensis** Tokunaga, 1959: 202. Indonesia.
- nubeculosus** Macfie, 1949: 113. Mexico.
- nudus** Zilahi-Sebess, 1940: 38. Hungary.
- obesus** Goetghebuer, 1948b: 11. Democratic Republic of the Congo.

- obfuscatus** Ingram and Macfie, 1931a: 173. Argentina.
- obnubilus** Ingram and Macfie, 1931a: 175. Argentina.
assimilis Ingram and Macfie, 1931a: 176. Argentina.
- obscuripes** Macfie, 1933a: 77. French Polynesia (France).
- obscurus** Ewen, *in* Ewen and Saunders, 1958: 685. Puerto Rico (USA).
- occidentalis** Wirth, 1952a: 120. USA (California).
- ochrosoma** (Ingram and Macfie), 1921: 340 (*Kempia*). Ghana.
- ocumare** (Ortiz), 1952b: 254 (*Monohelea*). Venezuela.
- oedemerarum** Storå, 1939: 16. Finland.
- okinawensis** Tokunaga, 1962a: 165. Japan.
- ollicula** Yan and Yu, *in* Liu et al., 2001a: 41. China.
- orbicularis** Kieffer, 1919a: 28. Romania.
- orbitus** Yu and Yan, *in* Yu et al., 2005: 370. China.
- origenus** Kieffer, 1913d: 176. India.
- oriphilus** (Kieffer), 1911b: 324 (*Forcipomyia*). India.
- ornatipennis** Clastrier, 1987a: 271. French Guiana.
- ornatithorax** Clastrier, 1987b: 208. New Caledonia (France).
- ornativentris** Clastrier, 1959b: 363. Senegal.
- osiris** Kieffer, 1925e: 250. Egypt.
- oviformis** Liu, Yan and Liu, 1996: 24. China.
- pachycnemus** Macfie, 1953: 101. Costa Rica.
- pacificus** Clastrier, 1987b: 210. New Caledonia (France).
- pallidicillus** Yu and Zou, 1988: 85. China.
- pallidipedis** Tokunaga, 1959: 194. Papua New Guinea.
- pallidipes** Kieffer, 1917b: 301. Paraguay.
- palmatus** Tokunaga, 1962a: 160. Japan.
sentus Yu and Qi, *in* Liu et al., 1990: 219 (also as *snetus* and *sentns*). China.
- palpalis** Macfie, 1939c: 196. Brazil.
- palus** Bose and Das Gupta, *in* Bose et al., 2003: 282. India.
- parroti** Clastrier, 1956: 510. Algeria.
- parvulus** Kieffer, 1919a: 25. Ukraine.
- pastinaca** Yu, *in* Yu et al., 2005: 362. China.
- paulus** Remm, 1961b: 928. New name for *nanus*.
nanus Remm, 1959: 686 (preoccupied by *Atrichopogon nanus* Macfie, 1940b). Estonia.
- pavidus** (Winnertz), 1852: 33 (*Ceratopogon*). Germany.
pollinivorus Downes, 1955: 442. Great Britain.
- pecteniventris** Borkent, *in* Borkent and Wirth, 1997:27. New name for *armativentris*.
armativentris (Kieffer), 1923b: 137 (*Kempia*, preoccupied by *Atrichopogon armativentris* (Kieffer), 1923a). Indonesia.
- pectinatus** Macfie, 1939c: 195. Brazil.
- peculiaris** Bose and Das Gupta, *in* Bose et al., 2003: 284. India.
- pedipalens** Yan and Yu, 1999: 100. China.
- penicillatus** Delécolle and Rieb, 1994: 274. Guadeloupe.
- peregrinus** (Johannsen), 1908: 266 (*Ceratopogon*). USA (New York).
- perfuscus** Ingram and Macfie, 1921: 337. Ghana.
- perplexus** (Kieffer), 1913d: 182 (*Dasyhelea*). India.
- peruvianus** Kieffer, 1917b: 302. Peru.
- petrosus** Remm, 1980: 111. Kyrgyzstan.
- phusunensis** Remm, 1971: 192. Russia.
- piceiventris** Kieffer, 1917b: 301. Paraguay.
- picipes** Goetghebuer, 1935d: 163. Democratic Republic of the Congo.
- pictipennis** Clastrier, 1979: 30. French Guiana.
- pileolus** Yu and Yan, *in* Liu et al., 2001a: 38. China.
- planetus** Yu and Liu, 1995: 47. China.
- planusunguis** Bose and Das Gupta, *in* Bose et al., 2003: 285. India.

- poguei** Clastrier, 1987b: 201. New Caledonia (France).
- politus** (Edwards), 1929b: 9 (*Dolichohelea*). Philippines.
- postremus** (Santos Abreu), 1918: 269 (*Helea*). Canary Islands (Spain).
- pruinus** Kieffer, 1921g: 560. Taiwan.
- psilopterus** Kieffer, 1919a: 26. Hungry, Croatia, Greece.
- pterygospinus** Yu and Yan, *in* Liu et al., 2001a: 138. China.
- pubicus** Johannsen, 1932: 418. Indonesia.
- pullatus** Macfie, 1933b: 95. French Polynesia (France).
- pusillus** (Kieffer), 1921b: 6 (*Kempia*). Cameroon.
- quadrissetosus** Goetghebuer, 1933e: 141. Democratic Republic of the Congo.
- quartibrunneus** Borkent and Picado, 2004: 30. Costa Rica.
- quasicomatus** Bose and Das Gupta, *in* Bose et al., 2003: 285. India.
- quateriharpagonum** Tokunaga, 1959: 198. Indonesia.
- quadratepennis** Yu and Yan, *in* Yu et al., 2005: 411. China.
- rariopilennis** Tokunaga and Murachi, 1959: 123. Belau (USA).
- redactus** Borkent and Picado, 2004: 32. Costa Rica.
- remigatus** Ewen, *in* Ewen and Saunders, 1958: 687. Brazil.
- rhiphidus** Yu and Yan, *in* Yu et al., 2005: 459. China.
- rhynchops** (Schiner), 1868: 26 (*Ceratopogon*). Australia (New South Wales).
- rictus** Yu and Yan, *in* Yu et al., 2005: 338. China.
- rivalis** Yu and Yan, *in* Liu et al., 2001a: 99. China.
- rostratus** (Winnertz), 1852: 31 (*Ceratopogon*). Poland.
transversalis Kieffer, 1918a: 91. Turkey, Hungary, Slovak Republic, Romania, Italy.
ventralis Kieffer, 1918a: 91. Turkey, Hungary, Ukraine.
homopterus Kieffer, 1919a: 29 (as variety of *transversalis*). Hungary, Turkey.
coracellus Kieffer, 1919a: 30 (as variety of *ventralis*). Hungary, Poland, Ukraine, Greece.
nigriventris Kieffer, 1919a: 30 (as variety of *ventralis*). Slovak Republic.
putredinis Kieffer, 1922c: 233. Germany.
- rotundus** Liu, Yan and Liu, 1996: 25. China.
- ruber** Kieffer, 1916a: 86. Taiwan.
formosanus Kieffer, 1918a: 89. Taiwan.
- rubidus** Macfie, 1933b: 97. French Polynesia (France).
- rufescens** Kieffer, 1921g: 563. Taiwan.
- rufiventris** Kieffer, 1917a: 184 (as variety of *atratus*). Australia (New South Wales).
- rusticus** Macfie, 1939c: 190. Brazil.
- ryukyuensis** Tokunaga, 1962a: 164. Japan.
- sachalinensis** Remm, 1993: 198. Russia.
- salisburyensis** de Meillon, 1959a: 337. Zimbabwe.
- sallami** Boorman and Harten, 2002: 433. Yemen.
- sanctaeclarae** Macfie, 1949: 114. Mexico.
- sanctilaurentii** Kieffer, 1917b: 303. Paraguay.
- saundersi** Ewen, *in* Ewen and Saunders, 1958: 691. Puerto Rico (USA).
- schizonyx** Giles and Wirth, 1982b: 825. Sri Lanka.
- scutatis** Yu and Yan, *in* Liu et al., 2001a: 56. China.
- scutellaris** Goetghebuer, 1933e: 140. Democratic Republic of the Congo.
- sebessi** Remm, 1981: 32. New name for *biroi*.
biroi Zilahi-Sebess, 1941: 83 (preoccupied by *Atrichopogon biroi* Kieffer, 1917a). Tunisia.
- semipilosus** (Kieffer), 1912c: 5 (*Forcipomyia*). Sri Lanka.
- sequax** (Williston), 1896: 282 (*Ceratopogon*). St. Vincent.
- serrulatus** Kieffer, 1924b: 399. France.
- sessilis** Kieffer, 1917a: 183. Papua New Guinea.
- setosicubitus** Clastrier, 1987b: 210. New Caledonia (France).
- setosilateralis** Borkent and Picado, 2004: 33. Costa Rica.
- setosus** Kieffer, 1919c: 193. New name for *setosipennis*.

- setosipennis* Kieffer, 1913d: 178 (preoccupied by *Atrichopogon setosipennis* (Kieffer), 1911d). India.
- seudoobfuscatus** Spinelli, 1982: 208. Argentina.
- shortlandi** Macfie, 1932c: 33. New Zealand.
- sichotensis** Remm, 1971: 195. Russia.
- similis** Spinelli and Marino, in Spinelli et al., 2006: 316. Argentina.
- simplex** Bose and Das Gupta, in Bose et al., 2003: 287. India.
- simplicifurcatus** Tokunaga, 1959: 201. Indonesia.
- singularis** (Kieffer), 1921a: 52 (*Kempia*). Poland.
- sinuosus** Wirth and Ratanaworabhan, 1992: 272. Malaysia.
- snyderi** Tokunaga, in Tokunaga and Murachi, 1959: 117. Japan.
- solivagus** Yu and Yan, in Yu et al., 2005: 373. China.
- sordidus** Bose and Das Gupta, in Bose et al., 2003: 288. India.
- spadix** Bose and Das Gupta, in Bose et al., 2003: 289. India.
- spartos** Yan and Yu, in Liu et al., 2001a: 45. China.
- speculiger** Nielsen, 1951: 25. Denmark.
- sphagnalis** (Kieffer), 1925a: 408 (1927: 59) (*Kempia*). Estonia.
- spinicaudalis** Tokunaga, in Tokunaga and Murachi, 1959: 129. Belau (USA).
- spiniventris** Tokunaga, 1940b: 273. Japan.
- spinosus** Borkent and Picado, 2004: 12. Costa Rica.
- spurius** Kieffer, 1913d: 177. India.
- stannusi** Ingram and Macfie, 1924c: 181. Ghana.
- subcomatus** Bose and Das Gupta, in Bose et al., 2003: 289. India.
- subfuscus** Macfie, 1934c: 187. Malaysia.
- sublimatus** Kieffer, 1913d: 176. India.
- subtenuiatus** Yu and Yan, in Liu et al., 2001a: 142. China.
- suburbanus** Liu, Yan and Liu, 1996: 25. China.
- sulfuratus** Debenham, 1989: 229. New name for *flaveolum*.
flaveolum Tokunaga, 1959: 185 (preoccupied by *Atrichopogon flaveolus* Zilahi-Sebess, 1936a). Papua New Guinea.
- sumatrae** Macfie, 1934c: 185 (1934d: 212). Malaysia.
- taeniatus** Macfie, 1939c: 186. Brazil.
- taizi** Boorman and Harten, 2002: 433. Yemen.
wirthi Delécolle and Braverman, 1997: 101 (emended from *wirthorum*) (preoccupied by *Atrichopogon wirthi* Chan and Linley, 1988). Israel.
shaubensis Boorman and Harten, 2002: 434. Yemen.
- talarum** Spinelli, 1982: 204. Argentina.
- tapantiensis** Borkent and Picado, 2004: 34. Costa Rica.
- tatricus** Remm, 1981: 32. New name for *montivagus*.
montivagus Kieffer, 1919a: 25 (preoccupied by *Atrichopogon montivagus* (Kieffer), 1911b). Slovak Republic.
- tegmental** Liu, Yan and Liu, 1996: 25. China.
- tenuiatus** Tokunaga, 1959: 200. Papua New Guinea.
- tenuidentis** Liu, Yan and Liu, 1996: 26. China.
- tenuipalpis** Liu, Yan and Liu, 1996: 26. China.
- tenuistylus** Bose and Das Gupta, in Bose et al., 2003: 289. India.
- tetramischus** Yu and Liu, 1995: 48. China.
- thersites** (Williston), 1896: 280 (*Ceratopogon*). St. Vincent.
- thienemanni** Kieffer, 1921a: 54. Germany.
nitens Kieffer, 1921a: 54 (as variety of *thienemanni*). Germany.
- tirzae** Borkent and Picado, 2004: 28. Costa Rica.
- titanus** Boesel, 1973: 213. USA (Ohio).
- transiens** (Walker), 1848: 25 (*Ceratopogon*). Canada.
- transversus** Wirth, 1952a: 124. USA (California).
- trichopus** (Thomson), 1868: 444 (*Ceratopogon*). China.
- trichotomma** (Kieffer), 1911c: 332 (*Ceratopogon*). Seychelles.
- tricleaves** Liu, Yan and Liu, 1996: 27. China.

tridentistylus Tokunaga, 1959: 184. Papua New Guinea.
trinidadensis Macfie, 1937a: 5. Trinidad and Tobago.
tritonus Kieffer, 1919a: 24. Hungary.
tropicus Kieffer, 1913e: 8. Kenya.
tuberculatus Ewen, *in* Ewen and Saunders, 1958: 709. Trinidad and Tobago.
turneri Ingram and Macfie, 1923: 53. South Africa.
tutatus Yu and Yan, *in* Yu et al., 2005: 419. China.
udus Yu and Yan, *in* Yu et al., 2005: 420. China.
umbratilis Macfie, 1935a: 51. Brazil.
umbrosus Macfie, 1933b: 97. French Polynesia (France).
unguis Tokunaga, 1962a: 162. Japan.
unilineatus Remm, 1967: 10. Azerbaijan.
urbicola (Kieffer), 1911b: 325 (*Forcipomyia*). India.
uruguayensis (Cordero), 1929: 95 (*Lophomyidium*). Uruguay.
utricularis Macfie, 1953: 102. Costa Rica.
varius Yu and Yan, *in* Liu et al., 2001a: 58. China.
vastus Bose and Das Gupta, *in* Bose et al., 2003: 293. India.
vepres Debenham, 1973: 73. Australia (Queensland).
verax Bose and Das Gupta, *in* Bose et al., 2003: 295. India.
vesiculosus Macfie, 1934c: 184 (1934d: 209). Malaysia.
vestitipennis Kieffer, 1917a: 183. Papua New Guinea.
vicinus (Santos Abreu), 1918: 262 (*Helea*). Canary Islands (Spain).
victoriae de Meillon, 1942a: 96. Zimbabwe.
vittatus Tokunaga, 1959: 196. Papua New Guinea.
volaticus Yan and Yu, *in* Yu et al., 2005: 431. China.
wallisensis Clastrier and Delécolle, 1996: 291. Wallis and Futuna Islands (France).
warmkei Wirth, 1956c: 243. Puerto Rico (USA).
websteri (Coquillett), 1901a: 603 (*Ceratopogon*). USA (Louisiana).
winnertzi Goetghebuer, 1922: 51. Belgium.
 torgnyensis Goetghebuer, 1949: 2. Belgium.
wirthi Chan and Linley, 1988: 189. USA (Florida).
woodfordi Macfie, 1938: 162. Trinidad and Tobago.
wuyishanicus Yu and Huang, *in* Huang et al., 2009: 366. China.
xanthoaspidium Carter, Ingram and Macfie, 1921a: 322. Ghana.
xanthophilus (Kieffer), 1911b: 326 (*Forcipomyia*). India.
xanthopus Kieffer, 1913d: 175. India.
xanthopygus Tokunaga, 1962a: 161. Japan.
xylochus Yu and Yan, *in* Yu et al., 2005: 422. China.
yamabukiensis Clastrier, 1987c: 426. Democratic Republic of the Congo.
yolancae Borkent and Picado, 2004: 24. Costa Rica.
yongxinensis Yan and Yu, *in* Liu et al., 2001a: 117. China.
yoshimurai Tokunaga, 1940b: 272. Japan.
zhangmuensis Yu and Yan, *in* Liu et al., 2001a: 109. China.

Genus ATRICULICOIDES Remm

ATRICULICOIDES Remm, 1976b: 108. Type species: *Atriculicoides macrophthalmus* Remm, by original designation.

cenomanensis Szadziewski and Schlüter, 1992: 74. France. Upper Cretaceous.

dasyheleis Szadziewski, 1996: 55. Russia. Upper Cretaceous.

globosus (Boesel), 1937: 47 (*Lasiohelea*). Canada (Manitoba). Upper Cretaceous.

creteus (Boesel), 1937: 46 (*Lasiohelea*). Canada (Manitoba). Upper Cretaceous.

incompletus Szadziewski and Schlüter, 1992: 76. France. Upper Cretaceous.

macrophthalmus Remm, 1976b: 108. Russia. Upper Cretaceous.

squamiciliatus Remm, 1976b: 110. Russia. Upper Cretaceous.

sibiricus Szadziewski, 1996: 56. Russia. Upper Cretaceous.

swinhoi (Cockerell), 1919: 243 (*Johannsenomyia*). Myanmar. Lower Cretaceous.

szadziewskii Pérez-de la Fuente, Delclòs, Peñalver and Arillo, 2011: 758. Spain. Lower Cretaceous.

taimyricus Szadziewski, 1996: 56. Russia. Upper Cretaceous.

Genus FORCIPOMYIA Meigen

FORCIPOMYIA Meigen, 1818: 73,75. Type species: *Tipula bipunctata* Linnaeus, designation by Westwood, 1840: 126.

Generic name first published *in* synonymy with *Ceratopogon* but available under ICZN Code Article 11(e).

LABIDOMYIA Stephens, 1829a: 52 (1829b: 239) (unnecessary new name for *Forcipomyia* Meigen, as *Forcipomyia* Megerle). Type species: *Tipula bipunctata* Linnaeus, designation by Westwood, 1840: 126.

TETRAPHORA Philippi, 1865: 630. Type species: *Tetraphora fusca* Philippi, by monotypy.

PROHELEA Kieffer, 1911b: 319 (as subgenus of *Forcipomyia*). Type species: *Ceratopogon decipiens* Kieffer, designation by Brunetti, 1920: 48.

Subgenus ATOPOMYIA Yu and Liu

ATOPOMYIA Yu and Liu, 2000a:48 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia atopia* Yu and Liu, by original designation.

atopia Yu and Liu, 2000a:49. China.

idaeus Yu and Liu, 2000a:50. China.

Subgenus BALIOHELEA Yu and Liu

BALIOHELEA Yu and Liu, 2006: 476 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia martinus* Yu and Liu, by original designation.

martina Yu and Liu, *in* Yu et al., 2005: 476. China.

Subgenus BASSOFORCIPOMYIA Debenham

BASSOFORCIPOMYIA Debenham, 1987b: 172 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia centurio* Debenham, by original designation.

centurio Debenham, 1987b: 173. Australia (Tasmania).

inca Debenham, 1987b: 175. Australia (New South Wales).

Subgenus BLANTONIA Wirth and Dow

BLANTONIA Wirth and Dow, 1971: 289 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia caribbea* Wirth and Dow, by original designation.

caribbea Wirth and Dow, 1971: 291. Jamaica.

testudo Debenham, 1987a: 64. Australia (Queensland).

Subgenus CALOFORCIPOMYIA Saunders

CALOFORCIPOMYIA Saunders, 1957: 680 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia caerulea* Saunders, by original designation.

- annulipes** Tokunaga, 1940c: 72. Japan.
- apicalis** Goetghebuer, 1935d: 148. Democratic Republic of the Congo.
trimaculata Goetghebuer, 1935d: 160. Democratic Republic of the Congo.
rutshuruensis Goetghebuer, 1948b: 7. Democratic Republic of the Congo.
- auripes** Ingram and Macfie, 1924b: 560. Ghana.
- caerulea** Saunders, 1957: 681. Brazil.
- campanula** de Meillon and Downes, 1986: 142. South Africa.
- coloratus** Liu and Yu, *in* Liu et al., 2001b: 19. China.
- confragosus** Liu and Yu, *in* Liu et al., 2001b: 21. China.
- copanensis** Utmar and Wirth, 1976: 129. Honduras.
- eukosma** Macfie, 1939c: 148. Brazil.
- furcifera** Macfie, 1940e: 920. Brazil.
- gibba** Debenham, 1987b: 180. Australia (Queensland).
- glauca** Macfie, 1934b: 144. Great Britain.
monilis Goetghebuer, 1934c: 287. Russia.
diversipes Goetghebuer, 1936: 319. Belgium.
splendida Wirth, 1951d: 315. USA (Virginia).
- hatoensis** Utmar and Wirth, 1976: 131. Panama.
- hermosa** Utmar and Wirth, 1976: 117. Brazil.
- illimis** Liu and Yu, *in* Liu et al., 2001b: 23. China.
- lemuria** de Meillon, 1961: 43. Zimbabwe.
- longipalpis** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 8. India.
- maculipes** (Goetghebuer), 1933e: 135 (*Lasiohelea*). Democratic Republic of the Congo.
- neocaledoniensis** Clastrier and Delécolle, 1991: 183. New Caledonia (France).
- nigrescens** Macfie, 1939c: 156. Brazil.
- paraglauca** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 9. India.
- pennaticauda** Debenham, 1987b: 183. Papua New Guinea.
- quasiglauca** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 9. India.
- quokkae** Debenham, 1987b: 179. Australia (Western Australia).
- remigera** Utmar and Wirth, 1976: 121. Colombia.
- sabalitensis** Utmar and Wirth, 1976: 127. Costa Rica.
- scitula** Goetghebuer, 1935d: 159. Democratic Republic of the Congo.
- semiglauca** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 10. India.
- squamianulipes** Tokunaga and Murachi, 1959: 194. Belau (USA).
- subglauca** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 10. India.
- swezeyi** Edwards, 1928: 50. American Samoa (USA).
- takahashii** Tokunaga, 1940c: 88. Taiwan.
- varicolor** Saunders, 1957: 683. Brazil.
- viridis** Clastrier and Delécolle, 1991: 179. New Caledonia (France).

Subgenus COLLESSOHELEA Debenham

COLLESSOHELEA Debenham, 1987a: 60 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia yungurara* Debenham, by original designation.

- manzhuangensis** Liu and Yu, *in* Liu et al., 2001b: 26. China.
- yungurara** Debenham, 1987a: 61. Australia (Queensland).

Subgenus DYCEA Debenham

DYCEA Debenham, 1987d: 666 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia vespa* Debenham, by original designation.

- capax** Debenham, 1987d: 670. Australia (New South Wales).

circinate Liu and Yu, *in* Liu et al., 2001b: 28. China.
edgari Tokunaga and Murachi, 1959: 154 Micronesia.
hamoni de Meillon, 1959a: 329. Burkina Faso.
hikosanensis Tokunaga, 1940c: 81. Japan.
improbiserra Debenham, 1987d: 667. Papua New Guinea.
madeira Clastrier, 1991b: 261. Madeira (Portugal).
pachyparamera Clastrier and Delécolle, 1991: 187. New Caledonia (France).
transversalis Clastrier and Delécolle, 1991: 190. New Caledonia (France).
vespa Debenham, 1987d: 668. Australia (New South Wales).

Subgenus EUPROJOANNISIA Brèthes

EUPROJOANNISIA Brèthes, 1914: 155. Type species: *Euprojoannisia platensis* Brèthes, by original designation.
EUFORCIPOMYIA Malloch, 1915b: 312. Type species: *Euforcipomyia hirtipennis* Malloch (= *Ceratopogon palustris* Meigen),
 by original designation.

CRYPTOSCENA Enderlein, 1936: 51. Type species: *Ceratopogon palustris* Meigen, by monotypy.

PROFORCIPOMYIA Saunders, 1957: 662 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia wirthi* Saunders, by original designation.

aequalis (Skuse), 1889: 294 (*Ceratopogon*). Australia (New South Wales).
aenigma de Meillon and Downes, 1986: 146. South Africa.
alacris (Winnertz), 1852: 25 (*Ceratopogon*). Germany.
amiantos Yu and Song, 2008: 794. China.
antipodum (Hudson), 1892: 45 (*Ceratopogon*). New Zealand.
novaezelandiae Kieffer, 1922a: 145. New Zealand.
appendicular Liu, Yan and Liu, 1996: 18. China.
arcis de Meillon and Downes, 1986: 143. South Africa.
astyla Tokunaga, 1940c: 92. Japan.
asymmetrica Remm, 1980: 118. Kazakhstan.
atomaria Tokunaga, 1940c: 93. Japan.
avocadonis de Meillon and Wirth, 1979b: 188. South Africa.
bahalea Liu and Yu, *in* Liu et al., 2001b: 39. China.
balteatus Liu and Yu, *in* Liu et al., 2001b: 40. China.
bellerophon Debenham and Wirth, 1984: 869. Australia (Queensland).
berendti Szadziewski, 1988: 209. Baltic region. Eocene.
bituberculifera Tokunaga, *in* Tokunaga and Murachi, 1959: 188. Belau (USA).
blantoni Soria and Bystrak, 1975: 3. Brazil.
borealis Remm, 1966: 54. Lithuania.
breviforceps Tokunaga, 1940c: 98. Japan.
bromeliae Saunders, 1957: 665. Brazil.
bureschi (Zilahi-Sebess), 1934: 153 (*Lasiohelea*). Bulgaria.
calamistrata Debenham and Wirth, 1984: 862. Australia (Queensland).
calcarata (Coquillett), 1905: 64 (*Ceratopogon*). Mexico.
canadensis Bystrak and Wirth, 1978: 19. Canada (Saskatchewan).
centrosus Liu and Yu, *in* Liu et al., 2001b: 44. China.
chongmingensis Liu and Yu, *in* Liu et al., 2001b: 46. China.
claudus Liu and Yu, *in* Liu et al., 2001b: 48. China.
deformis Liu and Yu, *in* Liu et al., 2001b: 50. China.
deucalionis Debenham and Wirth, 1984: 875. Australia (New South Wales).
dolichopodida Chan and Linley, 1989: 253. USA (Florida).
dowi Bystrak and Wirth, 1978: 21. USA (Florida).
dycei Debenham and Wirth, 1984: 871. Australia (New South Wales).
esteparia Marino and Spinelli, 2001b: 12. Argentina.
exemliforma Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 12. India.

- falcifera** Saunders, 1959: 39. Trinidad and Tobago.
- fermetitillans** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 12. India.
- flavencruris** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 13. India.
- formosana** Kieffer, 1916a: 83. Taiwan.
- fuscicalcarata** Bystrak and Wirth, 1978: 23. USA (Florida).
- fuscimana** (Kieffer), 1921g: 559 (*Ceratopogon*). Taiwan.
pennielongata Chan and LeRoux, 1971b: 733. Singapore.
- galeata** Debenham and Wirth, 1984: 878. Australia (Queensland).
- grandiclara** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 14. India.
- hardyi** Wirth and Howarth, 1982: 130. USA (Hawaii).
- henningseni** Szadziewski, 1988: 211. Denmark. Eocene.
- iaculum** Debenham and Wirth, 1984: 883. Papua New Guinea.
- ignobilis** Liu and Yu, *in* Liu et al., 2001b: 51. China.
- indoctacruris** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 14. India.
- kaneohe** Wirth and Howarth, 1982: 141. USA (Hawaii).
- karnyi** Edwards, 1923a: 183. Indonesia.
- kyotoensis** Tokunaga, 1940c: 99. Japan.
- largus** Liu and Yu, *in* Liu et al., 2001b: 53. China.
- lingnanensis** Liu and Yu, *in* Liu, Yan and Yu, 1999:309. China.
- lokki** Remm, 1993: 199. Russia.
- longicalcar** Kieffer, 1912c: 4. Sri Lanka.
- longispina** Saunders, 1957: 669. Brazil.
- lota** (Williston), 1896: 282 (*Ceratopogon*). St. Vincent.
- marsalae** (Vattier and Adam), 1966a: 305 (*Lasiohelea*). Gabon.
- mesasiatica** Remm, 1980: 118. Tajikistan.
- minor** Liu, Yan and Liu, 1996: 18. China.
- miocaenica** Szadziewski, 1993: 647. Germany. Eocene.
- mortuifolii** Saunders, 1959: 35. Trinidad and Tobago.
- mucronis** Liu and Yu, *in* Liu et al., 2001b: 59. China.
- nitens** (Santos Abreu), 1918: 260 (*Helea*). Canary Islands (Spain).
soranus de Meillon, 1943: 103. South Africa.
- navaiae** Bystrak and Wirth, 1978: 31. USA (Florida).
- palasunitheca** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 15. India.
- palikuensis** Hardy, 1960: 175. USA (Hawaii).
- palusitheca** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 16. India.
- palustris** (Meigen), 1804: 28 (*Ceratopogon*). Germany.
hirtipennis (Malloch), 1915b: 313 (*Euforcipomyia*). USA (Illinois).
turfacea Kieffer, 1925b: 148. Estonia.
- pechumani** Bystrak and Wirth, 1978: 34. USA (New York).
- perflavida** Remm, 1971: 186. Russia.
- phlebotomoides** Bangerter, 1933: 252. Switzerland.
subsaltans Remm, 1961a: 189. Estonia.
- pholeter** Wirth and Howarth, 1982: 139. USA (Hawaii).
- picturatus** Liu and Yu, *in* Liu et al., 2001b: 65. China.
- piriformis** (Meunier), 1904a: 228 (1904b: 239) (*Ceratopogon*). Baltic region. Eocene.
- pipiens** Liu, Yan and Liu, 1996: 18. China.
- platensis** (Brèthes), 1914: 156 (*Euprojoannisia*). Argentina.
- propenavaiae** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 16. India.
- pseudocalcarata** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 17. India.
- psilonota** (Kieffer), 1911c: 337 (*Ceratopogon*). Seychelles.
aplonota (Kieffer), 1911c: 337 (*Ceratopogon*). Seychelles.
seychelleana (Kieffer), 1911c: 338 (*Ceratopogon*). Seychelles.
fulvithorax (Kieffer), 1911c: 338 (*Ceratopogon*, as variety of *seychelleana*). Seychelles.
indecora Kieffer, 1914b: 269. South Africa.

- litoralis* Santos Abreu, 1918: 277. Canary Islands (Spain).
ingrami Carter, 1919: 290. Ghana.
egypti Macfie, 1924: 61. Egypt.
hathor Kieffer, 1925e: 247. Egypt.
conogensis Goetghebuer, 1933e: 132 (also as *congolensis*). Democratic Republic of the Congo.
flavipilosella Goetghebuer, 1933e: 130 (also as *flavopilosella*, p. 135). Democratic Republic of the Congo.
lulengaensis Goetghebuer, 1935d: 155. Democratic Republic of the Congo.
superata Goetghebuer, 1935d: 160. Democratic Republic of the Congo.
griseipluma Goetghebuer, 1935d: 154. Democratic Republic of the Congo.
griseolella Goetghebuer, 1948b: 7. Democratic Republic of the Congo.
- quasiingrami** Macfie, 1939c: 164. Brazil.
ratis Liu and Yu, *in* Liu et al., 2001b: 71. China.
sagittaria Debenham and Wirth, 1984: 880. Australia (Queensland).
saltans (Winnertz), 1852: 27 (*Ceratopogon*). Germany.
saltivaga (Skuse), 1889: 295 (*Ceratopogon*). Australia (New South Wales).
sauteri Kieffer, 1912a: 27. Taiwan.
clara Chan and LeRoux, 1971b: 729. Singapore.
scapularis Goetghebuer, 1933c: 353. Belgium.
separatim Liu, Yan and Liu, 1996: 21. China.
setigera Saunders, 1959: 38. Trinidad and Tobago.
setosicrus (Kieffer), 1906c: 357 (*Ceratopogon*). Argentina.
simulans Johannsen, 1932: 411. Indonesia.
sonora Wirth, 1952a: 145 (as variety of *calcarata*). USA (California).
spatulifera Saunders, 1957: 667. Brazil.
subcalcarata Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 17. India.
subingrami Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 18. India.
subnitida (Skuse), 1889: 299 (*Ceratopogon*). Australia (New South Wales).
subunitheca Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 19. India.
titillans (Winnertz), 1852: 27 (*Ceratopogon*). Germany.
divaricata (Winnertz), 1852: 25 (*Ceratopogon*). Germany.
maricarmenae Sahuquillo and Gil Collado, 1982a: 303. Spain.
tonicus Liu and Yu, *in* Liu et al., 2001b: 74. China.
tsacasi Clastrier, 1983c: 38. Seychelles.
tuberculosa Szadziewski, 1993: 648. Germany. Eocene.
unica Bystrak and Wirth, 1978: 44. USA (Florida).
vandiemeni Debenham and Wirth, 1984: 864. Australia (Tasmania).
vernocheti (Clastrier), 1959c: 439 (*Lasiohelea*). Réunion (France).
wasoni de Meillon, 1939a: 9. Democratic Republic of the Congo.
wirthi Saunders, 1957: 663. USA (California).
wirthiana Szadziewski, 1983a: 374. Algeria.
yapensis Tokunaga and Murachi, 1959: 185. Micronesia.
yoshimurai Tokunaga, 1940c: 91. Japan.

Subgenus FORCIPOHELEA Clastrier and Delécolle

FORCIPOHELEA Clastrier and Delécolle, 1991: 195 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia tillierorum* Clastrier and Delécolle, by original designation.

tillierorum Clastrier and Delécolle, 1991: 197. New Caledonia (France).

Subgenus FORCIPOMYIA Meigen

abyssiniae (Kieffer), 1918a: 40 (*Ceratopogon*). Ethiopia.
adjecta Tokunaga, 1959: 284. Indonesia.

- akizukii** Tokunaga, 1940c: 71. Russia.
- alamatae** Macfie, 1937b: 73. Ethiopia.
- alatauensis** Remm, 1980: 123. Kazakhstan.
- albiradialis** Tokunaga, 1940c: 75. Japan.
- albonotata** (Kieffer), 1910: 185 (*Ceratopogon*). India.
- albopunctata** (Skuse), 1889: 293 (*Ceratopogon*). Australia (New South Wales).
- albosignata** (Kieffer), 1910: 184 (*Ceratopogon*). Myanmar.
- alboostyla** Remm, 1979b: 58. Estonia.
- allocera** Rieth, 1915: 438. New name for *heterocera*.
heterocera Kieffer, 1914a: 234 (preoccupied by *Forcipomyia heterocera* Kieffer, 1913d). Germany.
allocera Kieffer, in Thienemann and Kieffer, 1916: 491 (preoccupied by *Forcipomyia allocera* Rieth, 1915). New name for *heterocera*.
- altaica** Remm, 1972: 62. Russia.
- annandalei** Edwards, 1932a: 177. India.
- antrijovis** (Kieffer), 1919a: 15 (*Ceratopogon*). Greece.
- antrosus** Liu and Yu, in Liu et al., 2001b: 85. China.
- appendicular** Liu, Yan and Liu, 1996: 18. China.
- aquatica** Kieffer, 1922c: 230. Germany.
- arcigera** Kieffer, 1922b: 150. Taiwan.
- argenteola** Macfie, 1939c: 146. Brazil.
- armandi** Harant, Huttel and Huttel, 1952: 13. Italy.
- armativentris** Clastrier, 1960c: 518. Congo.
- armendarizi** Sahuquillo and Gil Collado, 1982b: 744. Spain
- ashantii** Ingram and Macfie, 1924b: 589. Ghana.
rufula Goetghebuer, 1935d: 159. Democratic Republic of the Congo.
- asticta** Kieffer, 1913d: 172 (as variety of *albosignata*). India.
- atricella** Debenham, 1987c: 304. Australia (New South Wales).
- aurea** Malloch, 1915a: 318. USA (Illinois).
- auronitens** (Kieffer), 1910: 183 (*Ceratopogon*). Myanmar.
- bessa** Liu and Yu, in Liu et al., 2001b: 86. China.
- biannulata** Ingram and Macfie, 1924b: 557. Ghana, Nigeria, Malawi.
quatuorguttata Goetghebuer, 1935d: 158 (also misspelled as *quadriguttata*). Democratic Republic of the Congo.
bicolorata Goetghebuer, 1935d: 150. Democratic Republic of the Congo.
marginella Goetghebuer, 1935d: 156. Democratic Republic of the Congo.
nigricosta Goetghebuer, 1935d: 158. Democratic Republic of the Congo.
pallidula Goetghebuer, 1948b: 6. Democratic Republic of the Congo.
abonnenci Clastrier, 1959b: 340. Senegal.
- bikanni** Chan and LeRoux, 1971b: 735. Singapore.
- binigrimaculata** Tokunaga, 1940c: 68. Japan.
- bipunctata** (Linnaeus), 1767: 978 (*Tipula*). Europe.
trichoptera (Meigen), 1804: 31 (*Ceratopogon*). Germany.
ambigua (Meigen), 1804: 32 (*Ceratopogon*). Europe.
geniculata (Guérin-Méneville), 1833: 164 (*Ceratopogon*). France.
palmensis Santos Abreu, 1918: 285. Canary Islands (Spain).
squamaticrus (Kieffer), 1919a: 9 (*Ceratopogon*). Belgium, Serbia-Montenegro, Croatia.
tenuisquama Kieffer, 1924b: 393. France.
laguncula Kieffer, 1925d: 27. Hungary.
flavipubens Goetghebuer, 1927b: 93. Belgium.
- bipunctatopropinqua** Chan and LeRoux, 1971b: 740. Canada (Quebec).
- bitensis** Kieffer, 1924b: 394. France.
- brachypetiolata** Vimmer, 1928: 58. Israel.
- brachytoma** Kieffer, 1922b: 149. Taiwan.
- braueri** (Wasmann), 1893: 277 (*Ceratopogon*). Austria, Switzerland.
- brevipalpis** Liu and Yu, in Liu et al., 2001b: 92. China.

- brevipalpis** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 20. India. [needs replacement name]
- brevipedicillata** (Kieffer), 1901b: 217 (*Ceratopogon*). France.
- brevipennis** (Macquart), 1826: 179 (*Ceratopogon*). France.
lateralis (Bouché), 1834: 23 (*Ceratopogon*). Europe.
specularis (Coquillett), 1901a: 601. USA (Pennsylvania).
coprophila Kieffer, 1914a: 233. Germany.
disticta (Kieffer), 1919a: 16 (*Ceratopogon*). Hungary, Slovak Republic, Croatia, Romania.
hirtidorsum (Kieffer), 1919a: 18 (*Ceratopogon*). Ukraine.
nigrimana (Kieffer), 1919a: 19 (*Ceratopogon*). Lithuania.
bifilis Kieffer, 1922c: 231. Germany.
subnigra Tokunaga, 1940c: 88. Japan.
- bystraki** Grogan and Wirth, 1975c: 466. USA (Virginia).
- calatheae** Wirth, 1982a: 573. Dominica.
- caliginosella** Wirth, 1974: 5. New name for *caliginosa*.
caliginosa Ingram and Macfie, 1931a: 167 (preoccupied by *Forcipomyia caliginosa* (Ingram and Macfie), 1924a).
 Argentina.
- castanea** (Walker), 1848: 26 (*Ceratopogon*). Sierra Leone.
risbeci Séguy, 1946: 9. Senegal.
incomptifeminiba (Austen), 1912: 107 (*Ceratopogon*). Ghana.
- catarinensis** Marino and Spinelli, 2002: 309. Brazil.
- cattleyarum** Harant and Galan, 1942b: 56. France.
- cavatus** Liu and Yan *in* Liu, Yan and Yu, 1999:311 (Liu and Yu, *in* Liu et al., 2001b: 92). China.
- charon** Debenham, 1987c: 276. Australia (Western Australia).
- chilensis** (Philippi), 1865: 601 (*Ceratopogon*). Chile.
- chrysothrix** (Kieffer), 1921g: 558 (*Ceratopogon*). Taiwan, Philippines.
- ciliata** (Winnertz), 1852: 21 (*Ceratopogon*). Germany.
brunnipes (Perris), 1847: 556 (*Ceratopogon*, preoccupied by *Atrichopogon brunnipes* (Meigen), 1804). France.
perrisi (Kieffer), 1901a: 147 (*Ceratopogon*). New name for *brunnipes*.
boleti (Kieffer), 1901a: 157 (*Ceratopogon*). France.
turfosa Kieffer, 1925b: 146. Estonia.
canicularis Goetghebuer, 1948a: 36. Belgium.
zlatensis Damian-Georgescu, 1972: 18. Romania.
- ciliola** Liu and Yu, *in* Liu et al., 2001b: 96. China.
- cilipes** (Coquillett), 1900: 397 (*Ceratopogon*). USA (Alaska).
- cirrhusa** Clastrier, Rioux and Descous, 1961: 50. Chad.
- claggi** Tokunaga, *in* Tokunaga and Murachi, 1959: 150. Guam (USA).
- coarctata** (Kieffer), 1901a: 161 (*Ceratopogon*). Romania.
- collyricus** Liu, Yan and Liu, 1996: 19. China.
- concolor** Malloch, 1915a: 319 (as variety of *pergandei*). USA (Illinois).
- confluens** Kieffer, 1913d: 170. India.
- conigera** Kieffer, 1913d: 168. India.
- contraria** Debenham, 1987c: 307. Australia (New South Wales).
- conturbatus** Liu and Yu, *in* Liu et al., 2001b: 100. China.
- cooki** Macfie, 1932c: 28. New Zealand.
- corinneae** Gosseries, 1989: 3. New name for *vexans*.
vexans (de Meijere), 1909: 198 (*Ceratopogon*, preoccupied by *Culicoides vexans* (Staeger), 1839). Indonesia.
- corticis** Kieffer, 1911d: 2. Germany.
- costata** (Zetterstedt), 1838: 815 (*Ceratopogon*). Sweden.
picea (Winnertz), 1852: 21 (*Ceratopogon*). Germany.
latipalpis (Kieffer), 1901a: 159 (*Ceratopogon*). France.
meinerti Kieffer, 1915c: 281. Denmark.
corticicola (Kieffer), 1919a: 14 (*Ceratopogon*). Germany.
turficola Kieffer, 1925b: 147. Russia.
- crassipalpis** Debenham, 1987c: 303. Australia (New South Wales).

crassipes (Winnertz), 1852: 22 (*Ceratopogon*). Germany.
creesi de Meillon, Meiswinkel and Wirth, 1982: 123. South Africa.
cubicularis Kieffer, 1911b: 320. India.
curtus Liu and Yu, *in* Liu et al., 2001b: 103. China.
dacica Damian-Georgescu, 1972: 17. Romania.
danica Kieffer, 1915c: 280. Denmark.
daxingensis Liu and Yu, *in* Liu et al., 2001b: 105. China.
decipiens (Kieffer), 1910: 182 (*Ceratopogon*). India.
declivis Debenham, 1987c: 295. Australia (New South Wales).
desertensis Wirth and Hubert, 1960a: 639. USA (California).
despecta Kieffer, 1922b: 152. Taiwan.
desurvillei Macfie, 1932c: 28. New Zealand.
dichromata Remm, *in* Remm and Zhogolev, 1968: 826. Ukraine.
dirina Liu and Yu, *in* Liu et al., 2001b: 106. China.
dissimilis Clastrier and Delécolle, 1991: 200. New Caledonia (France).
distapalpis Liu and Yu, *in* Liu et al., 2001b: 108. China.
dividus Liu and Yu, *in* Liu et al., 2001b: 110. China.
donatoi Marino and Spinelli, 2008:790. Paraguay.
edwardsiana Wirth, 1974: 5. New name for *edwardsi*.
edwardsi Ingram and Macfie, 1931a: 160 (preoccupied by *Forcipomyia edwardsi* (Saunders), 1925). Argentina.
elegans de Meillon and Wirth, 1987a: 36. South Africa.
elegantula Malloch, 1915b: 311. USA (Illinois).
elongata (Kieffer), 1901a: 160 (*Ceratopogon*). Romania.
ensifera Macfie, 1934c: 182. Malaysia.
eobreviflagellata Szadziewski, 1988: 220. Poland. Eocene.
eocostata Szadziewski, 1988: 202. Poland. Eocene.
episcopa Debenham, 1987c: 291. Australia (New South Wales).
euzierei Harant and Galan, 1943: 122. France.
excellans Johannsen, 1932: 413. Indonesia.
fangchengensis Liu and Yu, *in* Liu et al., 2001b: 111. China.
fasciata Tokunaga, 1940c: 78. Japan.
fascilatipes Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 21. India.
fascicauda Tokunaga, 1940c: 62 (1940e: 167). Micronesia.
fascicornis Tokunaga, 1962a: 171. Japan.
fengjiensis Yu, Chen and He, *in* Yu et al., 2007: 487. China.
fidelis Krivosheina, 1968: 586. Russia.
filicauda Remm, 1993: 200. Russia.
fimbriata (Coquillett), 1901a: 601 (*Ceratopogon*). USA (District of Columbia).
flava (Williston), 1896: 280 (*Ceratopogon*). St. Vincent.
flaviceps Kieffer, 1913d: 173 (as variety of *macrothrix*). India.
flavicincta Santos Abreu, 1918: 282. Canary Islands (Spain).
flavicoxis Goetghebuer, 1935d: 152. Democratic Republic of the Congo.
wittei Goetghebuer, 1948b: 5. Democratic Republic of the Congo.
flavipectoralis Tokunaga, 1959: 280. Papua New Guinea.
flavomaculata Vimmer, 1928: 58. Israel.
flavominima Remm, 1971: 184. Russia.
formicaria (Kieffer), *in* Kieffer and Thienemann, 1908: 2 (*Ceratopogon*). France.
freyi Storá, 1936: 32. Canary Islands (Spain).
frigidus Liu and Yu, *in* Liu et al., 2001b: 114. China.
fulvescens Santos Abreu, 1918: 284. Canary Islands (Spain).
fulvipes Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 22. India.
fulvotibialis Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 22. India.
funebri (Meigen), 1830: 262 (*Ceratopogon*). Europe.
furfura de Meillon and Wirth, 1989b: 205. Zimbabwe.

- fusca** (Philippi), 1865: 630 (*Tetrachora*). Chile.
patagonica Ingram and Macfie, 1931a: 165. Argentina.
- fusciforceps** (Kieffer), 1918a: 38 (*Ceratopogon*). Guinea.
- fusciparamera** Szadziewski and Grogan, 1998b: 266. Dominican Republic. Miocene.
- gedanicola** Szadziewski, 1988: 200. Poland. Eocene.
- geniflava** Tokunaga, 1959: 278. Papua New Guinea.
- genualis** (Loew), 1866: 128 (*Ceratopogon*). Cuba.
propinqua (Williston), 1896: 279 (*Ceratopogon*). St. Vincent.
raleighi Macfie, 1938: 160. Trinidad and Tobago.
- globofuscitheca** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 23. India.
- gloriosa** Liu and Yu, *in* Liu et al., 2001b: 117. China.
- grimaldii** Szadziewski and Grogan, 1998b: 268. Dominican Republic. Miocene.
- guamensis** Tokunaga and Murachi, 1959: 166. Guam (USA).
- guangdongensis** Liu and Yu, *in* Liu et al., 2001b: 119. China.
- guilleaumei** Goetghebuer, 1935b: 413. Belgium.
- guttata** de Meillon and Wirth, 1989b: 204. Zimbabwe.
- haranti** (Huttel and Huttel), 1952a: 31 (*Monohelea*). France.
- harpegonata** Wirth and Soria, 1975: 19. Puerto Rico (USA).
- heilongjiangensis** Liu and Yu, *in* Liu et al., 2001b: 121. China.
- herbaceus** Liu and Yu, *in* Liu et al., 2001b: 123. China.
- heterocera** Kieffer, 1913d: 173. India.
- himalayae** Kieffer, 1911b: 320. India.
- hirsuta** Ingram and Macfie, 1924b: 577. Ghana.
- hirtula** (Zetterstedt), 1838: 815 (*Chironomus*). Sweden.
simulata Walley, 1932: 165. Canada (Ontario).
paradoxa Krivosheina, 1968: 588. Russia.
- holofuscicuris** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 24. India.
- hurdi** Wirth, 1952a: 143. USA (California).
- hutteli** Arnold and Jarry, 1956: 136. France.
- hybrida** Remm, 1980: 122. Tajikistan.
- hydratus** Liu, Yan and Liu, 1996: 19. China.
- hygrophila** Kieffer, 1925b: 147. Estonia.
sphagnicola Kieffer, 1925b: 148. Estonia.
occidentalis Wirth, 1952a: 141. USA (California).
- imaculata** Vimmer, 1928: 58. Israel.
- imparitheca** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 24. India.
- ingenua** Macfie, 1934c: 180. Malaysia.
- intrudens** Liu, Yan and Liu, 1996: 19. China.
- ishikariensis** Yamashita, Kitamura and Nakamura, 1957: 91. Japan.
- ishizuchiensis** (Udaka), 1959: 18 (*Lasiohelea*). Japan.
- kaltenbachi** (Winnertz), 1852: 19 (*Ceratopogon*). Germany.
- kilemae** Kieffer, 1913e: 4. Kenya.
- kisantuensis** Goetghebuer, 1933e: 134. Democratic Republic of the Congo.
- kribiensis** (Kieffer), 1921b: 6 (*Ceratopogon*). Cameroon.
- krzeminskii** Szadziewski, 1988: 217. Poland. Eocene.
- kulickae** Szadziewski, 1988: 219. Poland. Eocene.
- laboulbeni** (Perris), 1870: 138 (*Ceratopogon*). France.
- lagonigera** Kieffer, 1922b: 151. Taiwan.
- lanceolata** Macfie, 1934c: 178 (1934d: 205). Malaysia.
- laxus** Liu and Yu, *in* Liu et al., 2001b: 129. China.
- lepida** (Winnertz), 1852: 23 (*Ceratopogon*). Germany.
- lepidopa** (Kieffer), 1917a: 179 (*Ceratopogon*). Papua New Guinea.
- leptolepis** Krivosheina and Remm, 1974: 116. Russia.
- letabana** de Meillon, Meiswinkel and Wirth, 1982: 125. South Africa.

- leucochaeta** (Kieffer), 1921b: 5 (*Ceratopogon*). Cameroon.
- lignicola** (Brunetti), 1912: 445 (*Ceratopogon*). India.
- lochmocola** Zou and Yu, 1991: 57. China.
- longiconus** Liu and Yu, *in* Liu et al., 2001b: 132. China.
- longiseta** Yu and Liu, 1999: 246 (Liu and Yu, *in* Liu et al., 2001b:134). China.
- longisetosa** Krivosheina and Remm, 1974: 118. Russia.
helvetica Delécolle and Schiegg, 1999b: 389. Switzerland.
- lugubris** (Zetterstedt), 1855: 4863 (*Ceratopogon*). Sweden.
- lurida** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 25. India.
- luteofulvous** Liu and Yu, *in* Liu et al., 2001b: 136. China.
- lyneborgi** Szadziewski, 1988: 196. Denmark. Eocene.
- macronyx** Goetghebuer, 1933e: 131. Democratic Republic of the Congo.
longiventris Goetghebuer, 1935d: 155. Democratic Republic of the Congo.
stanleyi Macfie, 1939a: 86. Uganda.
- macrorrhyncha** (Kieffer), 1910: 183 (*Ceratopogon*). India.
- macrothrix** Kieffer, 1911b: 325. India.
- macswaini** Wirth, 1952a: 130. USA (California).
- maculipennis** Tokunaga, 1940c: 64. Japan.
- magnasacculus** Liu and Yu, *in* Liu et al., 2001b: 138. China.
- magnipunctata** Tokunaga, 1940c: 90. Japan.
- manchuriensis** Tokunaga, 1941b: 90. China.
- marini** Spinelli and Dippolito, 1995: 155. Venezuela.
- maura** (Kieffer), 1918a: 37 (*Ceratopogon*). Mozambique.
- mcmillani** Clastrier and Wirth, 1961a: 191. Nigeria.
- melanchroa** Ingram and Macfie, 1924b: 591. Nigeria.
- minitheca** Marino and Spinelli, 2001a: 111. Chile.
- minor** Liu, Yan and Liu, 1996: 18. China.
- mira** Johannsen, 1932: 410. Indonesia.
- miricornis** Kieffer, 1916a: 81. Taiwan.
- monticola** Kieffer, 1913d: 171. India.
- monticolonina** Tokunaga, 1966b: 284. Afghanistan.
- multipecta** Ingram and Macfie, 1931a: 157. Argentina.
- murphyi** Clastrier and Wirth, 1961a: 194. Gambia.
- muzoni** Marino and Spinelli, 2004a: 150. Argentina.
- myrmecophila** (Egger), 1863: 1109 (*Ceratopogon*). Austria.
- nigeriensis** Ingram and Macfie, 1924b: 592. Nigeria.
- nigra** (Winnertz), 1852: 17 (*Ceratopogon*). Germany.
sphagnorum Kieffer, 1925b: 149. Estonia.
- nigrans** Remm, 1962b: 188. Estonia.
- nigricoxis** Goetghebuer, 1935d: 158. Democratic Republic of the Congo.
elongata Goetghebuer, 1935d: 152 (preoccupied by *Forcipomyia elongata* (Kieffer), 1901a). Democratic Republic of Congo.
thripsiformis Goetghebuer, 1935d: 161. Democratic Republic of the Congo.
lugardi Macfie, 1939a: 85. Uganda.
kibatiensis Goetghebuer, 1948b: 5. Democratic Republic of the Congo.
elongatula Goetghebuer, 1948b: 6. New name for *elongata*.
atripes Goetghebuer, 1948b: 8. Democratic Republic of the Congo.
africana Goetghebuer, 1948b: 8. Democratic Republic of the Congo.
- nigrotibialis** Ingram and Macfie, 1924b: 571. Ghana.
- nilicola** (Kieffer), 1925e: 253 (*Apelma*). Egypt.
- niligena** (Kieffer), 1921b: 4 (*Ceratopogon*). Sudan.
- nilotica** (Kieffer), 1921b: 3 (*Lepidohelea*). Sudan.
- noctivaga** Kieffer, 1912c: 3. Sri Lanka.
- notata** Macfie, 1939a: 84. Uganda.

- nuncupata** Macfie, 1949: 110. Mexico.
- obscura** (Walker), 1848: 26 (*Ceratopogon*). Canada.
- ochracea** Vimmer, 1928: 58. Israel.
- orientalis** Kieffer, 1923b: 135. Indonesia.
- ornaticrus** Kieffer, 1912c: 1. Sri Lanka.
- ornatipennis** Macfie, 1939c: 151. Brazil.
- ornatipes** (Kieffer), 1918a: 88 (*Ceratopogon*). Sri Lanka.
- paenealbiradialis** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 26. India.
- palpipotens** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 26. India.
- pallida** (Winnertz), 1852: 15 (*Ceratopogon*). Germany.
- pallidipes** Santos Abreu, 1918: 276 (as variety of *bipunctata*). Canary Islands (Spain).
rustica (Kieffer), 1919a: 19 (*Ceratopogon*). Hungary, Croatia.
cataneii Kieffer, 1923a: 662. Algeria.
- pallidistyla** Krivosheina and Remm, 1974: 121. Russia.
- palmarum** Debenham, 1987c: 299. Papua New Guinea.
- parda** Debenham, 1987c: 295. Australia (New South Wales).
- parva** (Walker), 1848: 26 (*Ceratopogon*). Canada.
- parvicellula** Ingram and Macfie, 1931b: 195. New Zealand.
- peradeniyae** Dessart, 1963: 186. New name for *calcarata*.
calcarata Kieffer, 1912c: 3 (preoccupied by *Forcipomyia calcarata* (Coquillett), 1905). Sri Lanka.
calcarhelea Wirth, 1973: 352. New name for *calcarata*.
- pergandei** (Coquillett), 1901a: 602 (*Ceratopogon*). USA (District of Columbia).
- persa** Liu and Yu, *in* Liu et al., 2001b: 139. China.
- picheyrei** Harant and Galan, 1942a: 135. Algeria.
- pictiscutaris** Tokunaga, 1959: 270. Papua New Guinea.
- pictoni** Macfie, 1938: 161. Trinidad and Tobago.
- pilosa** (Coquillett), 1902a: 87 (*Ceratopogon*). USA (District of Columbia).
- pinamarensis** Spinelli, 1983a: 121. Argentina.
- pingxiangensis** Liu and Yu, *in* Liu et al., 2001b: 141 (also as *pinxiangensis*). China.
- pinicola** Bystrak and Messersmith, 1980: 109. USA (Maryland).
- piroskyi** Cavalieri, 1961b: 172. Argentina.
- poulaineae** Ingram and Macfie, 1931a: 227. Argentina.
- praealtus** Liu and Yu, *in* Liu et al., 2001b: 143. China.
- praecincta** Santos Abreu, 1918: 279. Canary Islands (Spain).
- pretoriana** (Kieffer), 1918a: 39 (*Ceratopogon*). South Africa.
- pseudomicrohelea** Szadziewski, 1988: 205. Baltic region. Eocene.
- pseudonigra** Delécolle and Schiegg, 1999b: 381. Switzerland.
- pseudobipunctata** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 27. India.
- psychasta** Kieffer, 1913d: 170. India.
- puhtuensis** Remm, 1979b: 58. Estonia.
- pulchrithorax** Edwards, *in* Saunders, 1924: 209. Great Britain.
- pulla** de Meillon and Wirth, 1981b: 527. South Africa.
- pulluspadicruris** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 27. India.
- punctatipennis** Kieffer, 1924b: 394 (as variety of *braueri*). France.
- punctipes** Edwards, 1928: 49. Western Samoa.
- punctumalbum** (Kieffer), 1917a: 178 (*Ceratopogon*). Papua New Guinea.
- quadriflava** Tokunaga, 1959: 272. Papua New Guinea.
- quasialbiradialis** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 28. India.
- qatei** Wirth, 1952a: 142. USA (California).
- quechua** Marino and Spinelli, 2002: 312. Argentina.
- qufuensis** Liu and Yu, *in* Liu et al., 2001b: 146. China.
- radicicola** Edwards, *in* Saunders, 1924: 208. Great Britain.
padi Remm, 1979b: 59. Estonia.
- radiifera** (Kieffer), 1918a: 35 (*Ceratopogon*). South Africa.

- recussus** Liu and Yu, *in* Liu et al., 2001b: 148. China.
- regula** (Winnertz), 1852: 16 (*Ceratopogon*). Germany.
metatarsis Tokunaga, 1940c: 69. Japan.
longimaculata Tokunaga, 1940c: 85. Japan.
- repandus** Liu and Yu, *in* Liu et al., 2001b: 149. China.
- resinicola** (Kieffer), 1901a: 159 (*Ceratopogon*). France.
- rioplatensis** Marino and Spinelli, 2002: 314. Argentina.
- rufescens** (Kieffer), 1918a: 40 (*Ceratopogon*). Tunisia.
- ruralis** Liu and Yu, *in* Liu et al., 2001b: 151. China.
- sahariensis** Kieffer, 1923a: 663. Algeria.
armaticrus Kieffer, 1923a: 661. Algeria.
tuzeti Huttel and Huttel, 1952c: 178. France.
acanthophora Remm, *in* Havelka, 1976a: 227. Kyrgyzstan.
onusta Remm, 1980: 122. Kazakhstan.
- salmi** (de Meijere), 1909: 197 (*Ceratopogon*). Indonesia.
- sanguinolenta** Kieffer, 1925a: 407. Germany.
- securis** Chan and LeRoux, 1971b: 751. Singapore.
- semirustica** Remm, *in* Remm and Zhogolev, 1968: 828. Ukraine.
- sensillata** Clastrier, 1983c: 44. Seychelles.
- sexannulata** Clastrier, 1983c: 45. Seychelles.
- sexvittata** Wirth, 1956c: 248. Costa Rica.
- sihlwaldensis** Delécolle and Schiegg, 1999b: 385. Switzerland.
- skusei** Debenham, 1987c: 279. Australia (New South Wales).
- somuncurensis** Marino and Spinelli, 2001a: 116. Argentina.
- spatuligera** Macfie, 1949: 111. Mexico.
- sphagnophila** Kieffer, 1925a: 406. Russia.
solonensis Wirth, 1951d: 315. USA (Virginia).
oreophila Remm, 1972: 63 (as *oreophila*). Russia.
- spiculata** Sinha, Mazumdar, and Chaudhuri, 2003: 75. India.
- spinuliforceps** Tokunaga, 1959: 275. Papua New Guinea.
- squamigera** Kieffer, *in* Thienemann and Kieffer, 1916: 491. Sweden.
apricans (Kieffer), 1919a: 19 (*Ceratopogon*). Slovak Republic.
- squamipes** (Coquillett), 1902a: 88 (*Ceratopogon*). USA (New Mexico).
brumalis (Long), 1902: 3 (*Ceratopogon*). USA (Texas).
- squamitibia** Lutz, 1914: 88. Brazil.
soriai Wirth, 1991b: 168. Brazil.
- squamitibialis** Tokunaga, 1959: 269. Papua New Guinea.
- stenammatis** (Long), 1902: 10 (*Ceratopogon*). USA (Connecticut).
- striaticornis** (Kieffer), 1918a: 36 (*Ceratopogon*). Algeria.
nigerrima Goetghebuer, 1933e: 131. Democratic Republic of the Congo.
iphias de Meillon, 1936: 169. South Africa.
- suberis** Clastrier, 1956: 496. Algeria.
flavirustica Remm, *in* Remm and Zhogolev, 1968: 827. Ukraine.
- subfrigidus** Liu and Yu, *in* Liu et al., 2001b: 154. China.
- subgedanicola** Szadziewski, 1993: 645. Germany. Eocene.
- subpallida** Tokunaga, 1962a: 181. Japan.
- subruralis** Liu and Yu, *in* Liu et al., 2001b: 156. China.
- subtilis** Johannsen, 1932: 412. Indonesia.
- subulipenis** Sinha, Mazumdar, and Chaudhuri, 2003: 77. India.
- sudanensis** Macfie, 1947b: 70. Sudan.
- supplex** Debenham, 1987c: 297. Australia (Queensland).
- surculus** Liu and Yu, *in* Liu et al., 2001b: 157. China.
- swezeyana** Tokunaga and Murachi, 1959: 145. Guam (USA).
- swezeyanaadfinis** Chan and LeRoux, 1971b: 747. Singapore.

- tangae** Kieffer, 1913e: 6. Tanzania.
- tapleyi** Ingram and Macfie, 1931b: 196. New Zealand.
- taragui** Marino, Spinelli, and Cazorla, 2002: 17. Argentina.
guarani Marino and Spinelli, 1999: 448 (preoccupied by *Forcipomyia guarani* Ronderos and Spinelli, 1999).
- tauffliebi** Clastrier, 1960c: 515. Congo.
- tavetae** Kieffer, 1913e: 6. Kenya.
- tenuis** (Winnertz), 1852: 25 (*Ceratopogon*). Germany.
- tenuisquamipes** Wirth, 1952b: 89. Chile.
- tetraclada** Kieffer, 1912c: 2. Sri Lanka.
- tetrasticta** (Kieffer), 1919a: 11 (*Ceratopogon*). Hungary.
- texana** (Long), 1902: 10 (*Ceratopogon*). USA (Texas).
- theobromae** Kieffer, 1912c: 3. Sri Lanka.
- thienemanni** Kieffer, 1912b: 103. France.
- tienshanica** Remm, 1980: 120. Kazakhstan.
- tigripes** Ingram and Macfie, 1924b: 580. Ghana.
- tortor** Debenham, 1987c: 286. Australia (New South Wales).
- tortula** Liu and Yu, *in* Liu et al., 2001b: 160. China.
- townesi** Wirth, 1952a: 137. USA (California).
- townsendi** Knab, 1915: 111. Peru.
- trigonata** Johannsen, 1932: 412. Indonesia.
- trilineata** Goetghebuer, 1934a: 90. Russia, Austria.
- trinotata** Kieffer, 1913d: 169. India.
- tristicta** Kieffer, 1913d: 169. India.
- turanorustica** Remm, 1980: 118. Uzbekistan.
- turbinata** (Meunier), 1904a: 227 (1904b: 238) (*Ceratopogon*). Baltic region. Eocene.
- uncula** (Meunier), 1904a: 227 (1904b: 238) (*Ceratopogon*). Baltic region. Eocene.
- unculiformis** Szadziewski, 1993: 646. Germany. Eocene.
- unimaculata** Sinha, Mazumdar, and Chaudhuri, 2003: 78. India.
- uramaensis** Spinelli and Dippolito, 1995: 156. Venezuela.
- urbana** Goetghebuer, 1937: 273. Belgium.
- urnigera** Kieffer, 1925e: 247. Egypt.
- utae** Knab, 1915: 109. Peru.
- variicrus** Kieffer, 1913d: 172 (as variety of *albosignata*). India.
- venetiana** (Kieffer), 1919a: 12 (*Ceratopogon*). Italy.
- ventralis** Borkent, *in* Borkent and Wirth, 1997:38. New name for *abdominalis*.
abdominalis Tokunaga, 1940c: 87 (preoccupied by *Forcipomyia abdominalis* (Santos Abreu), 1918). Japan.
- vesicula** de Meillon and Wirth, 1983a: 350. South Africa.
- vexillaria** Debenham, 1987c: 291. Australia (New South Wales).
- villiersi** Clastrier, 1972a: 98. Congo.
- vittata** Tokunaga, 1940c: 71. Japan.
- wahgi** Debenham, 1987c: 285. Papua New Guinea.
- waldemari** Szadziewski, 1983a: 370. Algeria.
- waldenia** de Meillon, 1940: 464. South Africa.
- wheeleri** (Long), 1902: 12 (*Ceratopogon*). USA (Texas).
- wygodzinskyi** Cavalieri, 1961a: 17. Argentina.
delpontei Cavalieri, 1961b: 169. Argentina.
- yamana** Marino and Spinelli, 2001a: 118. Chile.
- yamauchii** Tokunaga, 1940c: 84. Japan.
- youngi** Wirth, 1982a: 579. Panama.
- zhangmuensis** Liu and Yu, *in* Liu et al., 2001b: 162. China.
- zhongshanensis** Liu and Yu, *in* Liu et al., 2001b: 164. China.
- zonogaster** Ingram and Macfie, 1931a: 168. Chile.

Subgenus GAMPSOHELEA Yu and Liu

GAMPSOHELEA Yu and Liu, 2006: 584 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia dentapensis* Yu and Liu, by original designation.

dentapensis Yu and Liu, *in* Yu et al., 2005: 584. China.

Subgenus HERAKLEOHELEA Debenham

HERAKLEOHELEA Debenham, 1987a: 97 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia grallator* Debenham, by original designation.

grallator Debenham, 1987a: 97. Australia (New South Wales).

Subgenus IXODEHELEA Yu and Liu

IXODEHELEA Yu and Liu, 2006: 586 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia ambiguous* Yu and Liu, by original designation.

ambiguous Yu and Liu, *in* Yu et al., 2005: 586. China.

Subgenus JAPYGAHELEA Yu and Liu

JAPYGAHELEA Yu and Liu, 2006: 588 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia pinnatus* Yu and Liu, by original designation.

pinnata Yu and Liu, *in* Yu et al., 2005: 588. China.

Subgenus KATTANGOMYIA Debenham

KATTANGOMYIA Debenham, 1987a: 98 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia taura* Debenham, by original designation.

orbis Debenham, 1987a: 102. Australia (New South Wales).

taura Debenham, 1987a: 101. Australia (New South Wales).

Subgenus LASIOHELEA Kieffer

CENTRORHYNCHUS Lutz, 1913: 62 (preoccupied by *Centrorhynchus* Steven or Fisher Waldheim, 1829). Type species: *Centrorhynchus stylifer* Lutz, by original designation.

LASIOHELEA Kieffer, 1921h: 115. Type species: *Atrichopogon pilosipennis* Kieffer (= *Ceratopogon velox* Winnertz), by original designation.

PARAPTEROBOSCA Harant, Huttel and Huttel, 1951: 468. Type species: *Parapterobosca anthropophila* Harant, Huttel and Huttel, by original designation.

DACNOFORCIPOMYIA Chan and Saunders, 1965: 527 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia anabaenae* Chan and Saunders, by original designation.

abditan Yu, *in* Yu et al., 2005: 694 (*Lasiohelea*). China.

agas (Rondani), 1875: 462 (*Ceratopogon*). Malaysia.

aiyuræ Debenham, 1983: 29. Papua New Guinea.

alia Yu and Yan, 2007: 45 (*Lasiohelea*). Malaysia.

americana Szadziewski and Grogan, 1998b: 270. Dominican Republic. Miocene.

anabaenae Chan and Saunders, 1965: 528. Singapore.

aeschrodenta (Yu and Liu), 1981: 61 (*Lasiohelea*). China.

angyria (Yu and Wirth), 1997: 21 (*Lasiohelea*). Malaysia.

- anitae** Huerta and Ibanez-Bernal, 1996: 350. Mexico.
- ancoriformis** Tokunaga, *in* Tokunaga and Murachi, 1959: 226. Micronesia.
- anthropophila** (Harant, Huttel and Huttel), 1951: 468 (*Parapterobosca*). Ivory Coast.
- araea** (Yu and Wirth), 1997: 23 (*Lasiohelea*). Malaysia.
- attenuata** Saunders, 1964: 469. Costa Rica.
- baltea** Boorman, 1990: 128. Oman.
- bambusa** (Liu and Yu), 1996: 50 (*Lasiohelea*). China.
- bernicla** (Yu and Wirth), 1997: 24 (*Lasiohelea*). Malaysia.
- bidenta** (Yu and Wirth), 1997: 26 (*Lasiohelea*). Malaysia.
- bifidipenis** (Yu and Wirth), 1997: 27 (*Lasiohelea*). Malaysia.
- binifoliaceus** (Yu and Wirth), 1997: 29 (*Lasiohelea*). Malaysia.
- bispica** (Yu and Wirth), 1997: 30 (*Lasiohelea*). Malaysia.
- bladapida** Yu and Yan, 2007: 46 (*Lasiohelea*). Malaysia.
- bonasa** (Yu and Wirth), 1997: 31 (*Lasiohelea*). Malaysia.
- boophila** Lien, 1991: 85. Taiwan.
- borneoensis** (Yu and Wirth), 1997: 32 (*Lasiohelea*). Malaysia.
- breviprobosca** Yu, *in* Yu et al., 2005: 748 (*Lasiohelea*). China.
- brevisicae** Debenham, 1983: 26. Australia (New South Wales).
- brevitarsata** (Ingram and Macfie), 1924a: 385 (*Lasiohelea*). Ghana.
- cacaophila** Ronderos and Spinelli, 1999: 152. Venezuela.
- caelomacula** Liu, Yan and Liu, 1996: 10 (*Lasiohelea*). China.
- caesariata** Debenham, 1983: 8. Australia (Queensland).
- caledonica** Clastrier and Delécolle, 1993: 132. New Caledonia (France).
- carolinensis** (Tokunaga), 1940a: 208 (*Lasiohelea*). Micronesia.
- chiengmai** (Yu and Wirth), 1997: 35 (*Lasiohelea*). Thailand.
- citowitschi** Debenham, 1983: 17. Australia (Queensland).
- collessi** (Yu and Wirth), 1997: 36 (*Lasiohelea*). Malaysia.
- collicola** Lien, 1989: 43. Taiwan.
- colum** Debenham, 1983: 7. Papua New Guinea.
- cornuta** Saunders, 1964: 464. Costa Rica.
- crocea** Debenham, 1983: 15. Papua New Guinea.
- cubitalis** (Kieffer), 1918a: 88 (*Ceratopogon*). Singapore.
- cuculli** Debenham, 1983: 34. Australia (Queensland).
- cultella** (Yu and Xiang), *in* Yu, 1988: 127 (*Lasiohelea*, as *Lasoihelea*). China.
- cymodocea** Yu and Nie, *in* Nie et al., 2003: 240 (*Lasiohelea*). China (on ship from Davao, Philippines).
- dandongensis** (Ding and Yu), 1990: 53 (*Lasiohelea*). China.
- danxianensis** (Yu and Liu), 1982a: 25 (Yu and Liu, 1982b: 306; Yu, 1982: 203) (*Lasiohelea*). China.
- diaoluensis** (Yu and Liu), 1982a: 26 (Yu and Liu, 1982b: 306; Yu, 1982: 203) (*Lasiohelea*). China.
- dirus** (Liu, Yan and Liu), 1996: 11 (*Lasiohelea*). China.
- divergena** (Yu and Wen), *in* Yu and Liu, 1982a: 28 (*Lasiohelea*). China.
- emeishana** (Yu and Liu), 1982a: 31 (Yu and Liu, 1982b: 300) (*Lasiohelea*). China.
- eminenta** Yu, *in* Yu et al., 2005: 761 (*Lasiohelea*). China.
- fairfaxensis** Wirth, 1951d: 317. USA (Virginia).
- fenestrarum** Debenham, 1983: 25. Australia (New South Wales).
- fengyani** Yu, *in* Yu et al., 2005: 710 (*Lasiohelea*). China.
- ficula** (Yu and Wirth), 1997: 41 (*Lasiohelea*). Malaysia.
- flaveola** Clastrier and Delécolle, 1993: 136. New Caledonia (France).
- flavescens** Saunders, 1964: 471. Philippines.
- forcicula** (Yu and Wirth), 1997: 44 (*Lasiohelea*). Malaysia.
- gracilidenta** Yu, *in* Yu et al., 2005: 762 (*Lasiohelea*). China.
- gramencola** Lien, 1991: 90. Taiwan.
- gripha** Borkent, *in* Borkent and Wirth, 1997: 39. New name for *paradoxa*.
paradoxa (Yu and Liu), 1990: 16 (*Lasiohelea*, preoccupied by *Forcipomyia paradoxa* Krivosheina, 1968). China.
- guangxiensis** (Lee), 1975: 435 (*Lasiohelea*). China.

- guarani** Ronderos and Spinelli, 1999: 153. Paraguay.
- hainana** (Liu, Yan and Liu), 1996: 12 (*Lasiohelea*). China.
- hicksae** Debenham, 1983: 30. Australia (Queensland).
- homaliae** Lien, 1991: 90. Taiwan.
- hortensis** (Yu and Liu), 1981: 62 (*Lasiohelea*). China.
- hualuensis** Lien, 1989: 49. Taiwan.
- humilavolita** (Yu and Liu), 1982a: 34 (Yu and Liu, 1982b: 302) (*Lasiohelea*). China.
- hygroecia** Yu, Liang and Chen, in Chen et al., 2007: 171 (*Lasiohelea*). China.
- incomposita** Debenham, 1983: 20. Papua New Guinea.
- infans** Debenham, 1983: 28. Australia (Queensland).
- insigniforceps** Macfie, 1939c: 165. Brazil.
- interceda** Yu, in Yu et al., 2005: 717 (*Lasiohelea*). China.
- intermedia** Saunders, 1964: 468. Costa Rica.
- jinileei** Yu, in Yu et al., 2005: 718 (*Lasiohelea*). China.
- kamilaroi** Debenham, 1983: 29. Australia (New South Wales).
- koba** Yu, in Yu et al., 2005: 719 (*Lasiohelea*). China.
- labidentis** (Yu and Liu), 1982a: 37 (Yu and Zhang, 1982: 187) (*Lasiohelea*). China.
- lanyuensis** Lien, 1989: 54. Taiwan.
- latifolia** (Yu and Wirth), 1997: 48 (*Lasiohelea*). Malaysia.
- latiunguis** Clastrier, 1983c: 47. Seychelles.
- lefanui** Carter, 1916: 131. Ghana.
atratura Goetghebuer, 1935d: 149. Democratic Republic of the Congo.
atrosetosa Goetghebuer, 1935d: 149. Democratic Republic of the Congo.
squamipes (Ingram and Macfie), 1924a: 385 (*Lasiohelea*, as variety of *lefanui*, preoccupied by *Forcipomyia squamipes* (Coquillett), 1902a). Probably Tanzania.
- lepta** (Yu and Wirth), 1997: 51 (*Lasiohelea*). Malaysia.
- longicornis** (Tokunaga), 1940d: 103 (*Lasiohelea*). Japan.
- longineura** Saunders, 1964: 470. Philippines.
- longipalpula** (Yu and Wirth), 1997: 54 (*Lasiohelea*). Malaysia.
- lui** (Liu, Yan and Liu), 1996: 14 (*Lasiohelea*). China.
- lushana** (Yu and Liu), 1982a: 38 (Yu and Wang, 1982: 19; Yu, 1982: 203) (*Lasiohelea*). China.
- luzona** (Yu and Wirth), 1997: 56 (*Lasiohelea*). Philippines.
- magnispinosa** Clastrier and Delécolle, 1993: 137. New Caledonia (France).
- mahensis** (Kieffer), 1911c: 339 (*Ceratopogon*). Seychelles.
- manasi** Maheshwari, 2003: 72. India.
- matautuensis** Clastrier and Delécolle, 1996: 304. Wallis and Futuna Islands (France).
- matsumurai** Kitaoka, 1994: 3. Japan.
- megadentis** Lien, 1989: 57. Taiwan.
- mengi** (Yu and Liu), in Liu and Yu, 1996: 49 (*Lasiohelea*). China.
- ministra** Debenham, 1983: 32. Australia (Northern Territory).
- mixta** (Yu and Liu), 1982a: 40 (Yu and Liu, 1982b: 301) (*Lasiohelea*). China.
- montana** de Meillon and Downes, 1986: 147. South Africa.
- mopsa** de Meillon and Hardy, 1954: 71. South Africa.
- moriokensis** Kitaoka, 1994: 1. Japan.
- multidentata** Ronderos and Spinelli, 1999: 153. Brazil.
- multidentis** Yu, in Yu et al., 2005: 727 (*Lasiohelea*). China.
- multisensora** Yu, in Yu et al., 2005: 773 (*Lasiohelea*). China.
- multispina** (He and Yu), 1990: 63 (*Lasiohelea*). China.
- nanjingensis** (Yu and Liu), 1982a: 41 (Yu and Wang, 1982: 20) (*Lasiohelea*). China.
- nasuensis** Kitaoka, 1994: 3. Japan.
- nema** Debenham, 1983: 19. Australia (Queensland).
- nemerosa** Yu, in Yu et al., 2005: 778 (*Lasiohelea*). China.
- neotokunagai** Szadziewski and Borkent, 2003: 255. New name for *tokunaga*.
tokunaga (Yu and Wirth), 1997: 77 (*Lasiohelea*) (preoccupied by *Forcipomyia tokunagai* (Oka and Asahina), 1948).

Malaysia.

- neowirthi** Szadziewski and Borkent, 2003: 255. New name for *wirthi*.
wirthi (Yu and Wirth), 1997: 80 (preoccupied by *Forcipomyia wirthi* Saunders, 1957). Malaysia.
- nepala** (Yu), 2000a: 12 (*Lasiohelea*, misspelled as *nepaia*). Nepal.
- nhulunbuyensis** Debenham, 1983: 32. Australia (Northern Territory).
- nigeriae** (Ingram and Macfie), 1924a: 382 (*Lasiohelea*). Nigeria.
dewulfi (Goetghebuer), 1933e: 136 (*Lasiohelea*). Democratic Republic of the Congo.
- nipponica** (Tokunaga), 1940d: 102 (*Lasiohelea*). Japan.
- oreita** (Liu and Yu), 1996: 51 (*Lasiohelea*). China.
- ostiola** (Yu and Wirth), 1997: 60 (*Lasiohelea*). Philippines.
- oxypenis** (Yu and Wirth), 1997: 62 (*Lasiohelea*). Malaysia.
- oxyria** (Yu and Liu), in Yu et al., 1985: 72 (*Lasiohelea*). China.
- paenedentula** Debenham, 1983: 16. Australia (Queensland).
- parenthesis** Debenham, 1983: 24. Australia (Queensland).
- paucidentis** Lien, 1991: 98. Taiwan.
- parvitas** (Liu and Yu), 1996: 49 (*Lasiohelea*). China.
- pensiledentia** (Yu and Wirth), 1997: 63 (*Lasiohelea*). Malaysia.
- perae** Debenham, 1983: 23. Solomon Islands.
- perangusta** (Goetghebuer), 1935d: 168 (*Dasyhelea*). Democratic Republic of the Congo.
- peregrinator** Debenham, 1983: 12. Australia (Queensland).
- phototropia** (Yu and Liu), 1982a: 45 (Yu and Zhang, 1982: 189) (*Lasiohelea*). China.
- plumosa** Debenham, 1983: 9. Papua New Guinea.
- propria** Chan and LeRoux, 1970: 272. Malaysia.
- pungobovis** (Yu and Liu), 1982a: 48 (*Lasiohelea*). China.
- putea** Debenham, 1983: 14. Australia (Queensland).
- quadrangula** Yu and Yan, 2007: 45 (*Lasiohelea*). Malaysia.
- quasicornuta** Saunders, 1964: 467. Costa Rica.
- quinquedentis** (Yu and Zhou), in Yu, 1988: 128 (*Lasiohelea*). China.
- rastraria** Debenham, 1983: 10. Australia (Northern Territory).
- relicta** (Yu and Wen), in Yu and Liu, 1982a: 50 (*Lasiohelea*). China.
- rhamphis** (Yu and Wirth), 1997: 67 (*Lasiohelea*). Malaysia.
- richardlanei** Clastrier, 1983c: 50. Seychelles.
- ripa** (Yu and Liu), 2000b: 125 (*Lasiohelea*). China.
- russelli** Debenham, 1983: 11. Australia (Queensland).
- saltensis** (Cavalieri), 1962: 360 (*Lasiohelea*). Argentina.
- saxicola** Lien, 1991: 98. Taiwan.
- serridentata** Debenham, 1983: 18. Solomon Islands.
- sibirica** (Buyanova), 1962: 43 (*Lasiohelea*). Russia.
- sirycta** (Yu and Liu), 2000b: 126 (*Lasiohelea*). China.
- spinipenis** Tokunaga, in Tokunaga and Murachi, 1959: 227. Belau (USA).
- squamitarsata** (Clastrier), 1959b: 351 (*Lasiohelea*). Senegal.
- stellaris** (Yu and Wirth), 1997: 68 (*Lasiohelea*). Malaysia.
- stimulans** (de Meijere), 1909: 197 (*Ceratopogon*). Indonesia.
- stylifer** (Lutz), 1913: 63 (*Centrorhynchus*). Brazil.
- succinea** Szadziewski, 1988: 194. Poland. Eocene.
- taipei** Lien, 1991: 102. Taiwan.
- taiwana** (Shiraki), 1913: 291 (*Ceratopogon*). Taiwan.
notialis (Yu and Liu), 1982a: 43 (*Lasiohelea*). China.
- tambunana** (Yu and Wirth), 1997: 73 (*Lasiohelea*). Malaysia.
- taoyuanensis** Lien, 1989: 72. Taiwan.
- tawauensis** (Yu and Wirth), 1997: 74 (*Lasiohelea*). Malaysia.
- tenuidentis** (Yu and Wirth), 1997: 75 (*Lasiohelea*). Malaysia.
- thabinana** de Meillon, 1959b: 6. South Africa.
- thiensis** Clastrier and Delécolle, 1993: 139. New Caledonia (France).

- thyesta** Yu, Chen and He, *in* Chen et al., 2007: 172 (*Lasiohelea*). China.
- tibetana** Yu, *in* Yu et al., 2005: 738 (*Lasiohelea*). China.
- townsvillensis** (Taylor), 1918: 169 (*Culicoides*). Australia (Queensland).
- turgeda** (Yu and Liu), 1982a: 52 (Yu and Liu, 1982b: 304) (*Lasiohelea*). China.
- uncusidentis** (Liu, Yan and Liu), 1996: 16 (*Lasiohelea*). China.
- uncusipenis** (Yu and Liu), 1982a: 52 (Yu and Zhang, 1982: 187) (*Lasiohelea*). China.
- uncuspromissa** Chan and LeRoux, 1970: 276. Singapore.
- ussurica** Remm, 1971: 190. Russia.
- velox** (Winnertz), 1852: 28 (*Ceratopogon*). Germany.
halterata (Winnertz), 1852: 28 (*Ceratopogon*). Germany.
nitens (Kieffer), 1919a: 20 (*Ceratopogon*, preoccupied by *Forcipomyia nitens* (Santos Abreu), 1918). Hungary.
pilosipennis (Kieffer), 1919a: 23 (*Atrichopogon*). Hungary, Slovak Republic.
hungarica (Kieffer), 1921d: 298 (*Ceratopogon*). New name for *nitens*.
decrescens Kieffer, 1924b: 391. France.
silesiae (Kieffer), 1925d: 49 (*Lasiohelea*). Hungary.
montschadskyi (Dzhafarov), 1962c: 196 (*Lasiohelea*). Azerbaijan.
- virgula** (Yu and Wen), *in* Yu et al., 1985: 73 (*Lasiohelea*). China.
- wanjungensis** Lien, 1989: 72. Taiwan.
- whitcombei** Boorman, 1990: 126. Oman.
- woodruffi** Szadziewski and Grogan, 1998b: 272. Dominican Republic. Miocene.
- wulai** Lien, 1991: 109. Taiwan.
- wuyiensis** (Shen and Yu), 1990: 66 (*Lasiohelea*). China.
- yui** (Liu, Yan and Liu), 1996: 13 (*Lasiohelea*). China.
- zhenbaodaensis** (Yu and Liu), 1987: 83 (*Lasiohelea*). China.
- zonaphalla** (Yu and Liu), 1982a: 53 (Yu and Liu, 1982b: 305) (*Lasiohelea*). China.

Subgenus LEPIDOHELEA Kieffer

LEPIDOHELEA Kieffer, 1917b: 364. Type species: *Ceratopogon chrysolophus* Kieffer, by original designation.

- abercrombyi** Macfie, 1938: 161. Trinidad and Tobago.
- acinacium** Debenham, 1987c: 329. Australia (New South Wales).
- acinacis** Wirth and Spinelli, 1993b: 615. USA (Maryland).
- adversari** Debenham, 1987c: 321. Australia (Queensland).
- anguliforceps** Tokunaga, 1940c: 94. Japan.
- annulatipes** Macfie, 1939c: 154. Brazil.
- antilleana** Szadziewski and Grogan, 1998b: 274. Dominican Republic. Miocene.
- articulatus** Ma and Yan, *in* Ma et al., 2000: 15. China.
- bahiensis** Wirth and Spinelli, 1993a: 113. Brazil.
- basendjiorum** Dessart, 1962: 140. Democratic Republic of the Congo.
- basifemoralis** Wirth and Spinelli, 1993a: 113. Jamaica.
- beckae** Wirth, 1976b: 82. USA (Florida).
- bicolor** Lutz, 1914: 89. Brazil.
discoloripes Macfie, 1939c: 159. Brazil.
- bifida** Wirth and Spinelli, 1993a: 115. Jamaica.
- bifurcifera** Tokunaga, 1959: 281. Papua New Guinea.
- brasiliensis** Macfie, 1939c: 153. Brazil.
- bullata** Debenham, 1987c: 315. Australia (Capital Territory).
- cacaoi** Dessart, 1963: 186. New name for *theobromae*.
theobromae Dessart, 1961: 367 (preoccupied by *Forcipomyia theobromae* Kieffer, 1912c). Democratic Republic of Congo.
- calotricha** Kieffer, 1911b: 322. India.
- cerbera** Debenham, 1987c: 335. Australia (New South Wales).
- christiansoni** Wirth and Hubert, 1960a: 640. USA (California).

- chrysolopha** (Kieffer), 1911c: 333 (*Ceratopogon*). Seychelles.
grata Goetghebuer, 1935d: 153 (preoccupied by *Forcipomyia grata* Macfie, 1934c). Democratic Republic of the Congo.
guttatella Goetghebuer, 1935d: 146 (also as *guttatula*). Democratic Republic of the Congo.
annulator Goetghebuer, 1948b: 6. New name for *grata*.
- chrysosuccinea** Szadziewski and Grogan, 1998b: 274. Dominican Republic. Miocene.
- cochisei** Wirth and Spinelli, 1993b: 618. USA (Arizona).
- convexipenis** Wirth and Spinelli, 1993a: 116. Colombia.
- davidi** Debenham, 1987c: 330. Australia (New South Wales).
- demeter** Debenham, 1987c: 319. Australia (Victoria).
- domibicolor** Szadziewski and Grogan, 1998b: 276. Dominican Republic. Miocene.
- dubia** Macfie, 1939c: 162. Brazil.
- dubiamima** Wirth and Spinelli, 1993b: 620. USA (Maryland).
- eadsi** Wirth and Spinelli, 1993b: 622. USA (Texas).
- edmistoni** Wirth and Spinelli, 1993b: 624. USA (Maryland).
- euthystyla** Wirth and Spinelli, 1993a: 117. Colombia.
- flavifemoris** Macfie, 1940d: 24. Guyana.
- grata** Macfie, 1934c: 178 (1934d: 203). Malaysia.
- gravesi** Wirth and Spinelli, 1993a: 119. USA (North Carolina).
- hastata** de Meillon and Wirth, 1981c: 565. South Africa.
- herediae** Wirth and Spinelli, 1993a: 119. Costa Rica.
- hobbsi** Wirth and Spinelli, 1993a: 121. Dominica.
- ikinae** de Meillon, Meiswinkel and Wirth, 1982: 127. South Africa.
- kuanoskeles** Macfie, 1939c: 150. Brazil.
- lacrimatorii** Macfie, 1939c: 161. Brazil.
- lagoenae** Debenham, 1987c: 327. Australia (New South Wales).
- lepidosuccinea** Szadziewski and Grogan, 1998b: 278. Dominican Republic. Miocene.
- luteigenua** Wirth and Spinelli, 1992: 353. Costa Rica.
- maculatus** Liu, Yan and Liu, 1996: 20. China.
- maculosicrura** Tokunaga, 1959: 265. Papua New Guinea.
- manis** Debenham, 1987c: 344. Papua New Guinea.
- matilei** Clastrier and Delécolle, 1991: 203. New Caledonia (France).
- medipala** Debenham, 1987c: 320. Australia (New South Wales).
- paenulata** Debenham, 1987c: 334. Australia (Western Australia).
- palliscuta** Tokunaga, 1959: 259. Papua New Guinea.
- pampoikila** Ingram and Macfie, 1924b: 570. Ghana.
- parvicrater** Debenham, 1987c: 336. Australia (Capital Territory).
- pectinis** Liu and Yu, *in* Liu et al., 2001b: 172. China.
- pictisquamipennis** Tokunaga, 1959: 260. Papua New Guinea.
- pricei** Wirth and Spinelli, 1993b: 627. USA (Texas).
- pulcherrima** Santos Abreu, 1918: 272. Canary Islands (Spain).
formosae (Kieffer), 1922b: 153 (*Lepidohelea*). Taiwan.
lepidota Ingram and Macfie, 1924b: 566. Ghana.
ornatipes (Kieffer), 1921b: 1 (*Lepidohelea*, preoccupied by *Forcipomyia ornatipes* (Kieffer), 1918a). Cameroon.
variegata Goetghebuer, 1933e: 133. Democratic Republic of the Congo.
marsafae Ghonaim, Ibrahim and Ali, 2001: 42. Egypt.
- qionghainensis** Liu and Yu, *in* Liu et al., 2001b: 177. China.
- quinqueremis** Debenham, 1987c: 341. Papua New Guinea.
- randensis** de Meillon, 1931: 335. South Africa.
- randensoides** Dessart, 1961: 364. Democratic Republic of the Congo.
- roseae** de Meillon, Meiswinkel and Wirth, 1982: 129. South Africa.
- scurra** Debenham, 1987c: 340. Australia (Queensland).
- semihamata** Debenham, 1987c: 339. Australia (New South Wales).
- seminole** Wirth, 1976b: 81. USA (Florida).

semota Debenham, 1987c: 328. Australia (Queensland).
solutus Liu and Yu, *in* Liu et al., 2001b: 179. China.
squamipennis Ingram and Macfie, 1924b: 562. Ghana.
squamithorax Clastrier, 1972b: 170. French Guiana.
statirae de Meillon, 1936: 165. South Africa.
tibialis Remm, 1961a: 188. Estonia.
tortuosa Debenham, 1987c: 322. Australia (New South Wales).
unifascicornis Tokunaga, 1959: 263. Papua New Guinea.
unitheca Tokunaga, *in* Tokunaga and Murachi, 1959: 183. Belau (USA).
usingeri Wirth and Spinelli, 1993b: 627. USA (California).
varipennis Wirth and Williams, 1957: 8. Bermuda (Great Britain).
venusta Ingram and Macfie, 1924b: 569. Ghana.
weemsi Wirth and Spinelli, 1993a: 123. USA (Florida).
werneri Wirth and Spinelli, 1993b: 632. Mexico.
winderi Wirth, 1991b: 171. Brazil.
xichangensis Liu and Yu, *in* Liu et al., 2001b: 181. China.

Subgenus METAFORCIPOMYIA Saunders

METAFORCIPOMYIA Saunders, 1957: 685 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia cerifera* Saunders, by original designation.

campana Debenham, 1987b: 193. Australia (New South Wales).
cerifera Saunders, 1957: 685. Brazil.
colona Debenham, 1987b: 191. Australia (Capital Territory).
crepidinis Debenham, 1987b: 196. Australia (Western Australia).
darwini Marino and Spinelli, 2003: 24. Chile.
defatigatus Liu and Yu, *in* Liu et al., 2001b: 183. China.
fehrererorum Grogan and Sigrist, 2007: 531. USA (Maryland).
furculae Debenham, 1987b: 190. Papua New Guinea.
galliarum Marino and Spinelli, 1999: 5. Argentina.
hesiones de Meillon, 1936: 167. South Africa.
maculosa Ingram and Macfie, 1931a: 159. Argentina.
mapuche Marino and Spinelli, 2003: 26. Argentina.
morenoi Marino and Spinelli, 2003: 26. Argentina.
novaguineae Tokunaga, 1959: 289. Papua New Guinea.
pluvialis Malloch, 1923: 5. USA (Maryland).
rupicola Debenham, 1987b: 194. Australia (New South Wales).
stewarti de Meillon and Downes, 1986: 149. South Africa.
stigmatipennis Tokunaga, 1959: 268. Papua New Guinea.
tomaculorum Debenham, 1987b: 188. Australia (New South Wales).
totus Liu and Yu, *in* Liu et al., 2001b: 185. China.
triclota Clastrier and Delécolle, 1991: 209. New Caledonia (France).
williamsi Marino and Spinelli, 1999: 5. Argentina.

Subgenus MICROHELEA Kieffer

MICROHELEA Kieffer, 1917b: 364. Type species: *Atrichopogon microtomus* Kieffer, designation by Kieffer, 1921b: 7, with explanatory notation on erroneous previous type designation).
PHASMIDOHELEA Mayer, 1937b: 233. Type species: *Phasmidohelea crudelis* Mayer (= *Forcipomyia mayeri* Forattini and Lane), by original designation.

abbaekiefferi Debenham, 1987d: 656. Papua New Guinea.
alleni Clastrier and Wirth, 1995: 117. Costa Rica.

- almus** Liu and Yu, *in* Liu et al., 2001b: 190. China.
- amazonica** Wirth, 1971b: 241. Brazil.
- ambientis** Liu and Yu, *in* Liu et al., 2001b: 192. China.
- amieuensis** Clastrier and Delécolle, 1993: 149. New Caledonia (France).
- angustipalpis** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 30. India.
- antioquiae** Clastrier and Wirth, 1995: 142. Colombia.
- arnhemi** Debenham, 1987d: 652. Australia (Northern Territory).
- asquamata** Clastrier and Delécolle, 1993: 142. New Caledonia (France).
- australiensis** (Kieffer), 1917a: 178 (*Ceratopogon*). Papua New Guinea.
- beatulus** Liu and Yu, *in* Liu et al., 2001b: 193. China.
- belemensis** Clastrier and Wirth, 1995: 140. Brazil.
- bispinula** Liu and Yu, 1997: 26. China.
- brasiliiana** Clastrier and Wirth, 1995: 116. Peru.
- breelandi** Clastrier and Wirth, 1995: 114. Panama.
- brevilabellata** Clastrier and Wirth, 1995: 136. French Guiana.
- broadheadi** Clastrier and Wirth, 1995: 129. Panama.
- callithorax** (Kieffer), 1911c: 335 (*Ceratopogon*, as variety of *lasionota*). Seychelles.
- castneri** Clastrier and Wirth, 1995: 111. Peru.
- catarina** Clastrier and Wirth, 1995: 131. Brazil.
- coheni** Clastrier and Wirth, 1995: 132. Ecuador.
- colombiana** Clastrier and Wirth, 1995: 102. Colombia.
- cristata** Clastrier and Wirth, 1995: 135. Brazil.
- cylindripalpis** Clastrier and Delécolle, 1993: 147. New Caledonia (France).
- desutterae** Clastrier and Wirth, 1995: 100. French Guiana.
- donskoffi** Clastrier and Wirth, 1995: 125. French Guiana.
- dunklei** Clastrier and Wirth, 1995: 130. Peru.
- eriophora** (Williston), 1896: 279 (*Ceratopogon*). St. Vincent.
- esakiana** Tokunaga, 1940a: 206. Micronesia.
- felippebauerae** Clastrier and Wirth, 1995: 122. Peru.
- flavitibialis** Tokunaga and Murachi, 1959: 170. Micronesia.
- foliaceus** Liu and Yu, *in* Liu et al., 2001b: 199. China.
- folipenis** Liu and Yu, 1997: 24. China.
- franklini** Clastrier and Wirth, 1995: 141. Costa Rica.
- fuliginata** Clastrier, 1983c: 54. Seychelles.
- fuliginosa** (Meigen), 1818: 86 (*Ceratopogon*). Germany.
villosa (Zetterstedt), 1850: 3645 (*Ceratopogon*). Sweden.
crudelis (Karsch), 1886: 18 (*Ceratopogon*). Germany.
hirtipes (de Meijere), 1907: 209 (*Ceratopogon*). Indonesia.
brevimana Lundström, 1910: 32. Finland.
inornatipennis (Austen), 1912: 107 (*Ceratopogon*). Nigeria.
erucicida Knab, 1914: 65. USA (Florida).
crudelis Knab, 1914: 66 (preoccupied by *Forcipomyia crudelis* (Karsch), 1886). Mexico.
coquilletti (Kieffer), 1917b: 297 (*Ceratopogon*). USA (New York).
tropica (Kieffer), 1917b: 297 (*Ceratopogon*). Costa Rica.
obscura Santos Abreu, 1918: 276 (as variety of *bipunctata*, preoccupied by *Forcipomyia obscura* (Walker), 1848).
Canary Islands (Spain).
alboclavata (Kieffer), 1919a: 12 (*Ceratopogon*, also as *asticta*). Slovak Republic.
canaliculata (Goetghebuer), 1920: 110 (*Ceratopogon*). Belgium.
nilotheres Macfie, 1924: 62. Egypt.
ornaticrus Ingram and Macfie, 1924b: 577 (as variety of *inornatipennis*; preoccupied by *Forcipomyia ornaticrus* Kieffer, 1912c). Ghana.
atripennis Goetghebuer, 1935d: 149. Democratic Republic of the Congo.
auripila Goetghebuer, 1935d: 150. Democratic Republic of the Congo.
curtimana Goetghebuer, 1935d: 151. Democratic Republic of the Congo.

- grisescens* Goetghebuer, 1935d: 154. Democratic Republic of the Congo.
vicina Goetghebuer, 1935d: 161. Democratic Republic of the Congo.
longiradialis Tokunaga, 1940c: 66. Japan.
takagii Tokunaga, 1941b: 90. China.
wansoni (Harant and Baur), 1946: 141 (*Lasiohelea*, preoccupied by *Forcipomyia wansoni* de Meillon, 1939a).
Democratic Republic of the Congo.
brookmani Wirth, 1952a: 140. USA (California).
santosi Remm, 1981: 32. New name for *obscura*.
- galapagensis** (Coquillett), 1901b: 372 (*Ceratopogon*). Galápagos Islands (Ecuador).
galbiventris Borkent, in Borkent and Wirth, 1997:43. New name for *flaviventris*.
flaviventris (Kieffer), 1917a: 179 (*Ceratopogon*, preoccupied by *Palpomyia flaviventris* (Czerny and Strobl), 1909).
Papua New Guinea.
- globularis** Edwards, 1928: 48. Western Samoa.
gracilalitheca Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 31. India.
grandcolasi Clastrier and Wirth, 1995: 112. French Guiana.
gressitti Tokunaga and Murachi, 1959: 152. Belau (USA).
guyana Clastrier and Wirth, 1995: 124. French Guiana.
inflatipalpis Clastrier and Delécolle, 1993: 153. New Caledonia (France).
insignipalpis Macfie, 1949: 109. Mexico.
insulae Clastrier and Delécolle, 1993: 151. New Caledonia (France).
intonsa Chan and LeRoux, 1971b: 743. Singapore.
iquitosensis Clastrier and Wirth, 1995: 139. Peru.
ixodoides (Fiebrig-Gertz), 1928: 290 (*Ceratopogon*). Paraguay.
kawensis Clastrier and Wirth, 1995: 120. French Guiana.
lasionota (Kieffer), 1911c: 334 (*Ceratopogon*). Seychelles.
lignaria Debenham, 1987d: 655. Australia (Queensland).
longurius Liu and Yu, 1997: 19. China.
luteisquamosa Wirth, 1972: 575. Brazil.
mayeri Forattini and Lane, 1955: 4. New name for *crudelis*.
crudelis (Mayer), 1937b: 233 (*Phasmodohelea*, preoccupied by *Forcipomyia crudelis* (Karsch), 1886). Costa Rica.
menzeli Clastrier and Wirth, 1995: 106. Ecuador.
microtoma (Kieffer), 1917b: 299. Brazil.
minisquamosa Wirth, 1972: 570. Belize.
moorei Clastrier and Wirth, 1995: 133. Brazil.
neotropica Clastrier and Wirth, 1995: 126. Peru.
nibleyi Tokunaga, 1962a: 178. Japan.
nigrimaxillata Clastrier and Wirth, 1995: 118. Peru.
notothena Liu and Yu, 1997: 22. China.
novaeteutoniae Clastrier and Wirth, 1995: 107. Brazil.
nudifascipes Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 32. India.
obesa Costa Lima, 1928: 85. Brazil.
ocrearum Debenham, 1987d: 664. Papua New Guinea.
ornata Tokunaga, 1940c: 61 (1940e: 166). Belau (USA).
ovathteca Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 33. India.
paenefuliginosa Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 33. India.
penultimata Wirth, 1972: 573. Brazil.
perpusillus Liu and Yu, in Liu et al., 2001b: 209. China.
peruviana Clastrier and Wirth, 1995: 123. Peru.
phototropisma Liu and Yu, in Liu et al., 2001b: 211. China.
pinjiensis Liu and Yu, in Liu et al., 2001b: 213. China.
plaumanni Clastrier and Wirth, 1995: 127. Brazil.
proximornata Debenham, 1987d: 657. Papua New Guinea.
qiongzhongensis Liu, Yan and Liu, in Yu et al., 2005: 624. New name for *flava*.
flava Liu, Yan and Liu, 1996: 20 (preoccupied by *Forcipomyia flava* (Williston)). China.

- raposoensis** Clastrier and Wirth, 1995: 144. Colombia.
rettenmeyerorum Clastrier and Wirth, 1995: 104. Panama.
serrulifimbria Tokunaga, 1959: 283. Papua New Guinea.
similis Liu and Yu, 1997: 20. China.
similitheca Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 34. India.
squamosa Lutz, 1914: 87. Brazil.
stelechos Debenham, 1987d: 649. Australia (Queensland).
subspadicifascia Tokunaga and Murachi, 1959: 167. Micronesia.
tegula Liu and Yu, 1997: 27. China.
tenuifascicruris Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 35. India.
tettigonaris Wirth and Castner, 1990: 159. Peru.
thomasi Clastrier and Wirth, 1995: 115. Brazil.
tiwaka Clastrier and Delécolle, 1993: 144. New Caledonia (France).
tuthilli Tokunaga, *in* Tokunaga and Murachi, 1959: 174. Marshall Islands.
valleensis Clastrier and Wirth, 1995: 145. Colombia.
vernoni Clastrier and Wirth, 1995: 138. Colombia.
wagneri (Séguy), 1941: 85 (*Phasmidohelea*). Brazil.
walschaertsi Gosseries, 1989: 3. New name for *monilis*.
monilis Tokunaga, 1962a: 179 (preoccupied by *Forcipomyia monilis* (Goetghebuer), 1934c). Japan.
weihaiensis Xue and Yu, 1998: 317. China.
willisi Debenham, 1987d: 661. Australia (New South Wales).
willistoni Wirth, 1971b: 242. Puerto Rico (USA).
wuxiensis Liu and Yu, *in* Liu et al., 2001b: 222. China.

Subgenus NICOTHOHELEA Liu, Tang and Hao

NICOTHOHELEA Liu, Tang and Hao, 2002: 230 (as *Nicothoehela* Yu and Liu, 2006: 633) (as subgenus of *Forcipomyia*).
 Type species: *Forcipomyia delenificus* Liu, Tang and Hao, by original designation.

delenifica Liu, Tang and Hao, 2002: 231 (Yu and Liu, *in* Yu et al., 2005: 633). China.

Subgenus OREINOHELEA Yu and Liu

OREINOHELEA Yu and Liu, 2006: 635 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia lenis* Liu and Yu, by original designation.

lenis Liu and Yu, *in* Yu et al., 2005: 635. China.

Subgenus PANHELEA Remm

PANHELEA Remm, 1980: 117 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia pontica* Remm (= *Ceratopogon brevicubitus* Goetghebuer), by original designation.

aristolochiae (Rondani), 1860: 134 (*Ceratopogon*). Italy.
brevicubita (Goetghebuer), 1920: 27 (*Ceratopogon*). Belgium.
pontica Remm, *in* Remm and Zhogolev, 1968: 831. Ukraine.

hissarica Remm, 1980: 117. Tajikistan.

Subgenus PEDILOHELEA de Meillon and Wirth

PEDILOHELEA de Meillon and Wirth, 1980: 9 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia clastrieri* Dessart, by original designation.

aitkeni de Meillon and Wirth, 1980: 12. Brazil.

- archboldi** de Meillon and Wirth, 1980: 13. Dominica.
australis Clastrier and Delécolle, 1991: 212. New Caledonia (France).
bilancea Liu and Yu, *in* Yu et al., 2005: 637. China.
brinchangensis de Meillon and Wirth, 1980: 14. Malaysia.
brincki de Meillon, 1959a: 328. South Africa.
clastrieri Dessart, 1963: 183. New name for *brevitarsata*.
brevitarsata (Clastrier), 1959b: 345 (*Lepidohelea*, preoccupied by *Forcipomyia brevitarsata* (Ingram and Macfie), 1924). Senegal.
draconis de Meillon and Wirth, 1980: 17. South Africa.
eremita Szadziewski, Gwizdalska-Kentzer and Gilka, 2011: 638. United Arab Emirates.
eshowensis de Meillon, 1937b: 361. South Africa.
forcipis de Meillon and Wirth, 1980: 18. Malaysia.
hailaerensis Liu and Yu, *in* Yu et al., 2005: 639. China.
haroldi de Meillon and Wirth, 1989b: 208. South Africa.
proavia Debenham, 1987d: 642. Australia (Capital Territory).
raposoi de Meillon and Wirth, 1980: 21. Colombia.
spangleri de Meillon and Wirth, 1980: 21. Guatemala.
spilmani de Meillon and Wirth, 1980: 22. Dominica.
tasmani Macfie, 1932c: 27. New Zealand.

Subgenus PHYTOHELEA Remm

PHYTOHELEA Remm, 1971: 189 (as subgenus of *Forcipomyia*). Type species: *Ceratopogon bromelicola* Lutz, by original designation.

- alocasiae** Tokunaga, 1961b: 120. Papua New Guinea.
antiguensis Saunders, 1957: 700. Antigua.
bacoti (Ingram and Macfie), 1923: 55 (*Apelma*). Sierra Leone.
natalia (de Meillon), 1936: 158 (*Lasiohelea*). South Africa.
belkini de Meillon and Wirth, 1979e: 198. New Zealand.
brevis (Johannsen), 1927c: 205 (*Apelma*). USA (Hawaii).
bromelicola (Lutz), 1914: 84 (*Ceratopogon*). Brazil.
caribbeana Saunders, 1957: 696. Trinidad and Tobago.
comis Johannsen, 1932: 409. Indonesia.
dominicana de Meillon and Wirth, 1979e: 195. Dominica.
edwardsi (Saunders), 1925: 260 (*Apelma*). Brazil.
eophytoheleana Szadziewski, 1988: 215. Baltic region. Eocene.
fijiensis (Macfie), 1945: 1 (*Apelma*). Fiji.
forfices Debenham, 1987a: 114. Australia (Queensland).
grandis Chan and LeRoux, 1971b: 758. Singapore.
hamaticauda Tokunaga, *in* Tokunaga and Murachi, 1959: 212. Belau (USA).
jocosa Saunders, 1957: 701. Trinidad and Tobago.
mahamutius Liu and Yu, *in* Liu et al., 2001b: 222. New name for *jocosus*.
jocosus Yu and Maha, 1998: 205 (preoccupied by *Forcipomyia jocosa* Saunders, 1957). China.
keilini (Saunders), 1925: 265 (*Apelma*). Brazil.
magna (Saunders), 1925: 266 (*Apelma*). Brazil.
marksae Tokunaga, 1961b: 117. Papua New Guinea.
musae Clastrier and Delécolle, 1994: 51. French Guiana.
nicopina Chan and LeRoux, 1971b: 754. Singapore.
oligarthra Saunders, 1957: 698. Puerto Rico (USA).
onustagalea Yu, 2000b: 163. New name for *onustus*.
onustus Yu and Liu, 1999: 247 (preoccupied by *Forcipomyia onusta* Remm, 1980). China.
sabroskyi Tokunaga, *in* Tokunaga and Murachi, 1959: 211. Belau (USA).
tzaneenensis de Meillon and Wirth, 1979e: 184. South Africa.

Subgenus PTEROBOSCA Macfie

PTEROBOSCA Macfie, 1932a: 266. Unavailable name; proposed after 1930 without type species designation.
PTEROBOSCA Macfie, 1940f: 16. Type species: *Ceratopogon aeschnosuga* de Meijere, by original designation.

- adhesipes** (Macfie), 1932a: 270 (*Pterobosca*). Indonesia.
aerobates (Macfie), 1936a: 64 (*Pterobosca*). India.
aeschnosuga (de Meijere), 1923: 137 (*Ceratopogon*). Indonesia.
ariel (Macfie), 1932a: 275 (*Pterobosca*). Indonesia.
asahinai Tokunaga, 1962a: 188. Japan.
chrysopipennis Wirth, 1966: 29. New name for *chrysopae*.
chrysopae Tokunaga, in Tokunaga and Murachi, 1959: 235 (preoccupied by *Forcipomyia chrysopae* Mayer, 1934b).
 Belau (USA).
crinume (Tokunaga), 1932: 1 (*Dasyhelea*). Japan.
esakii (Tokunaga), 1940a: 210 (*Pterobosca*). Mariana Islands (USA).
esakia Tokunaga, in Tokunaga and Murachi, 1959: 234. New name for *esakii*.
farri Wirth, 1966: 29. Jamaica.
feminae (Tokunaga), 1940c: 100 (1940e: 168) (*Pterobosca*). Belau (USA).
fidens (Macfie), 1936b: 228 (*Pterobosca*). China.
fusicornis (Coquillett), 1905: 63 (*Ceratopogon*). USA (Florida).
fur (Johnson), 1913: 444 (*Ceratopogon*). Bermuda (Great Britain).
macfiei (Costa Lima), 1937b: 616 (*Pterobosca*). Brazil.
floridana (Johannsen), 1950: 143 (*Pterobosca*). USA (Florida).
hutsoni Wirth and Ratanaworabhan, 1976: 242. Aldabra (Seychelles).
incubans (Macfie), 1937c: 111 (*Pterobosca*). Belize.
lairdi (Wirth), 1956a: 363 (*Pterobosca*). Solomon Islands.
latipes (Macfie), 1936b: 227 (*Pterobosca*). China.
mollipes (Macfie), 1932a: 272 (*Pterobosca*). Liberia.
neodebenhamae Szadziewski and Borkent, 2003: 256. New name for *debenhamae*.
debenhamae Cranston, in Orr and Cranston, 1997: 1850 (preoccupied by *Forcipomyia debenhamae* Clastrier and Delécolle, 1991). Brunei.
odonatiphila (Macfie), 1932a: 274 (*Pterobosca*). Indonesia.
ogatai Tokunaga, 1961c: 3. New Caledonia (France).
paludis (Macfie), 1936a: 63 (*Pterobosca*). Great Britain.
pinheyi Clastrier and Legrand, 1984: 173. Mauritius.
tokunagai (Oka and Asahina), 1948: 107 (*Pterobosca*). Japan.

Subgenus RHINOHELEA de Meillon and Wirth

RHINOHELEA de Meillon and Wirth, 1979d: 881 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia briani* de Meillon and Wirth, by original designation.

- briani** de Meillon and Wirth, 1979d: 882. South Africa.
khoisana de Meillon and Wirth, 1979d: 885. South Africa.

Subgenus RHYNCHOFORCIPOMYIA Wirth and Dow

RHYNCHOFORCIPOMYIA Wirth and Dow, 1972: 863 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia messersmithi* Wirth and Dow, by original designation.

- brachyrhyncha** Wirth and Dow, 1972: 867. Colombia.
cylindrica Wirth and Dow, 1972: 865. El Salvador.
dorsalis Wirth and Dow, 1972: 870. Mexico.

flavisimplexa Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 35. India.

guamai Wirth and Dow, 1972: 869. Brazil.

messersmithi Wirth and Dow, 1972: 864. El Salvador.

puracensis Wirth and Dow, 1972: 867. Colombia.

zeteki Wirth and Dow, 1972: 870. Panama.

Subgenus SALIOHELEA Wirth and Ratanaworabhan

SALIOHELEA Wirth and Ratanaworabhan, 1978: 494 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia leei* Wirth and Ratanaworabhan, by original designation.

boudinoti Clastrier and Delécolle, 1991: 216. New Caledonia (France).

brevicosta (Clastrier), 1960c: 520 (*Lasiohelea*). Congo.

calleida Yu, in Yu et al., 2005: 648. New name for *claris* (as *clarus*).

claris Yu, 2001: 159 (preoccupied by *Forcipomyia clara* Chan and LeRoux, 1971b). China.

cicuta Yu, in Yu and Song, 2008: 795. New name for *ciliata*.

ciliata Liu and Yu, in Yu et al., 2005: 646 (preoccupied by *Forcipomyia ciliata* (Winnertz), 1852). China.

deminuta Tokunaga and Murachi, 1959: 219. Micronesia.

infrensi Liu and Yu, in Yu et al., 2005: 649. China.

isolata Liu and Yu, in Yu et al., 2005: 650. China.

leei Wirth and Ratanaworabhan, 1978: 498. Colombia.

perrara Liu and Yu, in Yu et al., 2005: 651. China.

rima Yu and Xue, in Yu et al., 2005: 652. China.

stami Wirth and Ratanaworabhan, 1978: 502. Democratic Republic of the Congo.

Subgenus SCHINEROMYIA Debenham

SCHINEROMYIA Debenham, 1987a: 67 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia gandangara* Debenham, by original designation.

gandangara Debenham, 1987a: 67. Australia (New South Wales).

Subgenus SCHIZOFCIPOMYIA Chan and LeRoux

SCHIZOFCIPOMYIA Chan and LeRoux, 1971a: 271 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia petersoni* Chan and LeRoux (= *Forcipomyia borbonica* Clastrier), by original designation.

anna de Meillon, 1959a: 331. South Africa.

borbonica Clastrier, 1959c: 436. Réunion (France).

penniornata Tokunaga and Murachi, 1959: 163. Guam (USA).

fuscimaculata Hardy, 1960: 170. USA (Hawaii).

stabilis Sen and Das Gupta, 1968: 95. India.

petersoni Chan and LeRoux, 1971a: 272. Singapore.

chazeau Clastrier and Delécolle, 1991: 222. New Caledonia (France).

cinctipes (Coquillett), 1905: 64 (*Ceratopogon*). USA (Florida).

clavula Debenham, 1987d: 639. Australia (New South Wales).

harpa Spinelli and Borkent, 2004b: 3 (male, female; Costa Rica). Distr. - Costa Rica.

lecordeurorum de Meillon, Meiswinkel and Wirth, 1982: 132. South Africa.

lydiae Clastrier and Delécolle, 1991: 219. New Caledonia (France).

monoceros Debenham, 1987d: 634. Australia (New South Wales).

rudebecki de Meillon, 1959a: 330. South Africa.

tinia Krivosheina, 1968: 583. Russia.

warreni de Meillon and Wirth, 1981b: 528. South Africa.

yirrkala Debenham, 1987d: 636. Australia (Northern Territory).

Subgenus SYNTHYRIDOMYIA Saunders

SYNTHYRIDOMYIA Saunders, 1957: 688 (as subgenus of *Forcipomyia*). Type species: *Lasiohelea acidicola* Tokunaga, by original designation.

- acidicola** (Tokunaga), 1937b: 455 (*Lasiohelea*). Japan.
minuta Goetghebuer, 1947: 228 (preoccupied by *Forcipomyia minuta* (Tokunaga), 1940d). Belgium.
colemanni Wirth, 1952a: 146. USA (California).
- ansericolli** Debenham, 1987a: 59. Australia (Northern Territory).
- bucera** Debenham, 1987a: 55. Australia (Queensland).
- caestuum** Debenham, 1987a: 53. Australia (Queensland).
- contigoo** Liu and Yu, *in* Yu et al., 2005: 655. China.
- corsoni** Macfie, 1926: 355. Tanzania.
- exigua** Ingram and Macfie, 1924b: 587. Ghana.
- flexoductithec** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 37. India.
- floridensis** Dow and Wirth, 1972: 195. USA (Florida).
- hengqinensis** Yu, Sun and Li, *in* Sun et al., 2009: 105. China.
- hylecoeta** Yu and Xu, 2000: 449. China.
- knockensis** Goetghebuer, 1938: 375. Belgium.
bequaerti Goetghebuer, 1942: 1. Belgium.
abludens Remm, *in* Remm and Zhogolev, 1968: 830. Ukraine.
- margaritae** Szadziewski, 1983a: 377. Algeria.
- mendica** Liu and Yu, *in* Yu et al., 2005: 659. China.
- murina** (Winnertz), 1852: 26 (*Ceratopogon*). Europe.
abdominalis (Santos Abreu), 1918: 265 (*Helea*, as variety of *murina*). Canary Islands (Spain).
aurosparsum (Kieffer), 1919a: 65 (*Apelma*). Hungary.
sulfurea Kieffer, 1923a: 664. Algeria.
hirtipalpis Kieffer, 1924b: 392. France.
sate Kieffer, 1925e: 245. Egypt.
longitarsis Tokunaga, 1940c: 92 (preoccupied by *Forcipomyia longitarsis* (Malloch), 1915b). Taiwan.
moascari Macfie, 1943a: 147. Egypt.
attonsa Goetghebuer, 1950: 1. Belgium.
tokunagai Wirth, 1973: 356 (preoccupied by *Forcipomyia tokunagai* (Oka and Asahina), 1948. New name for *longitarsis*.
submurina Remm, 1980: 115 (as *sibmurina*, as subspecies of *murina*). Russia.
- nanshengwei** Yu, Liang and Su, *in* Yu et al., 2007: 487. China.
- operimenti** Debenham, 1987a: 58. Australia (Queensland).
- oryx** Debenham, 1987a: 54. Australia (Northern Territory).
- sanctaeclarae** Wirth, 1952b: 90. Chile.
- soibelzoni** Marino and Spinelli, 2001c: 14. Argentina.
- tenuiforceps** Macfie, 1939c: 167. Brazil.
- tertiaricola** Szadziewski and Grogan, 1998b: 281. Dominican Republic. Miocene.
- tympanista** Debenham, 1987a: 56. Australia (Queensland).
- unituberculata** Tokunaga, *in* Tokunaga and Murachi, 1959: 197. Belau (USA).
- xiangshanensis** Yu, Liu and Chen, *in* Liu et al., 2009: 522. China.
- yuani** Yu, Su and Chen, *in* Yu et al., 2007: 487. China.

Subgenus THYRIDOMYIA Saunders

THYRIDOMYIA Saunders, 1925: 268. Type species: *Thyridomyia palustris* Saunders (= *Ceratopogon monilicornis* Coquillett), by original designation.

- angelicae** Tokunaga, 1940c: 97. Japan.

- biskraensis** Kieffer, 1923a: 665 (as variety of *seneveti*). Algeria.
sergenti Clastrier, 1956: 502. Algeria.
imeretica Remm, 1967: 5. Georgia.
- blascoi** Delécolle and Rieb, 1993: 112. Spain.
- calchaqui** Spinelli and Marino, 1997: 188. Argentina.
- carolinea** Tokunaga, in Tokunaga and Murachi, 1959: 214. Belau (USA).
- cineornata** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 38. India.
- colombiae** Wirth, 1970: 435. Colombia.
- concinna** Liu and Yu, in Yu et al., 2005: 663. China.
- falcinella** (Kieffer), 1911c: 338 (*Ceratopogon*). Seychelles.
- fererugosa** Saha, Dasgupta, Gangopadhyay and Mukherjee, 2009: 38. India.
- frutetorum** (Winnertz), 1852: 29 (*Ceratopogon*). Germany.
seneveti Kieffer, 1922g: 500. Algeria.
aethiopiae Ingram and Macfie, 1924b: 582. Ghana.
dasyptera Goetghebuer, 1934b: 214 (*Dasyhelea*). Israel.
japonica (Tokunaga), 1937a: 267 (*Lasiohelea*). Japan.
aspinosa Saunders, 1957: 692. Canada (Saskatchewan).
- frutetosuccinea** Szadziewski and Grogan, 1998b: 280. Dominican Republic. Miocene.
- gokwe** de Meillon and Wirth, 1989b: 209. Zimbabwe.
- gossympina** Chan and LeRoux, 1970: 286. Singapore.
- hamata** Tokunaga, in Tokunaga and Murachi, 1959: 207. Belau (USA).
- hoplia** Liu and Yu, in Yu et al., 2005: 666. China.
- inconspicua** (Ingram and Macfie), 1924a: 391 (*Lasiohelea*). Ghana.
- ishigakii** Tokunaga, 1962a: 182. Japan.
- jamaicensis** Wirth, 1970: 436. Jamaica.
- jipajapae** Wirth, 1970: 437. Panama.
- johannseni** Thomsen, 1935: 286. USA (New York).
- kii** (Tokunaga), 1940d: 107 (*Lasiohelea*). Japan.
- kitasirakawae** Tokunaga, 1940c: 94. Japan, Taiwan.
- litoraurea** (Ingram and Macfie), 1924a: 389 (*Lasiohelea*). Ghana.
minutissima Remm, 1961a: 192. Estonia.
- masaakii** Debenham, 1989: 235. New name for *esakii*.
esakii (Tokunaga), 1940e: 169 (1940d: 101) (*Lasiohelea*, preoccupied by *Forcipomyia esakii* (Tokunaga), 1940a).
 Belau (USA).
- mercuratus** Liu, Yan and Liu, 1996: 21 (as *mercuratas*). China.
- minima** (Tokunaga), 1940d: 104 (*Lasiohelea*). Japan.
- minuta** (Tokunaga), 1940d: 106 (*Lasiohelea*). Japan.
- monilicornis** (Coquillett), 1905: 63 (*Ceratopogon*). Canada (British Columbia).
hirta (Lundström), 1910: 34 (*Ceratopogon*). Finland.
microcera (Kieffer), 1919a: 54 (*Dasyhelea*). Slovak Republic.
palustris (Saunders), 1925: 269 (*Thyridomyia*, preoccupied by *Forcipomyia palustris* (Meigen), 1804). Great Britain.
curticornis Goetghebuer, 1933c: 354. Belgium.
curticornis Goetghebuer, 1949: 1 (preoccupied by *Forcipomyia curticornis* Goetghebuer, 1933c). Belgium.
kabashae de Meillon, 1959a: 333. Democratic Republic of the Congo.
- nana** (Macfie), 1939c: 171 (*Lasiohelea*). Brazil.
- neomonticola** Borkent, in Borkent and Wirth, 1997: 48. New name for *monticola*.
monticola (Tokunaga), 1937a: 270 (*Lasiohelea*, preoccupied by *Forcipomyia monticola* Kieffer, 1913d). Japan.
- nodosa** Saunders, 1959: 43. Costa Rica.
- nudocula** (Tokunaga), 1937a: 269 (*Lasiohelea*). Japan.
- oxyria** Yu, Ke and Li, in Sun et al., 2009: 105. China. **[preoccupied and needs new name if *Lasiohelea oxyria* Yu and Liu, considered to be a species of *Forcipomyia*]**
- riojana** Spinelli and Marino, 1997: 188. Argentina.
- rugosa** Chan and LeRoux, 1970: 280. Canada (Quebec).
murinoides Remm, 1971: 188. Estonia.

sinuosa Dow and Wirth, 1972: 189. Mexico.
skiaphila (Clastrier), 1960c: 522 (*Lasiohelea*). Congo.
tenuichela Dow and Wirth, 1972: 191. USA (California).
tugelensis de Meillon, 1959a: 333. South Africa.
univesicula Macfie, 1939c: 170. Brazil.
ursuli Remm, 1972: 66. Russia.
vertexcava Chan and LeRoux, 1970: 282. Singapore.
watshami de Meillon and Wirth, 1989b: 210. Zimbabwe.
xiphoidea Liu and Yu, *in* Yu et al., 2005: 675. China.
yaana Liu and Yu, *in* Yu et al., 2005: 676. China.

Subgenus TRICHOHELEA Goetghebuer

APELMA Kieffer, 1919a: 64 (preoccupied by Billberg, 1820). Type species: *Apelma auronitens* Kieffer (= *Trichohelea tonnoiri* Goetghebuer), designation by Macfie, 1940f: 16.

TRICHOHELEA Goetghebuer, 1920: 39. Type species: *Trichohelea tonnoiri* Goetghebuer, by original designation.

NEOFORCIPOMYIA Tokunaga, *in* Tokunaga and Murachi, 1959: 200 (as subgenus of *Forcipomyia*). Type species: *Ceratopogon pectinunguis* de Meijere, by original designation.

aeronautica Macfie, 1935b: 265. Guyana.
aliena Debenham, 1987a: 83. Australia (New South Wales).
araneivora Clastrier and Legrand, 1991: 155. Guinea.
austrina Macfie, 1932c: 29. New Zealand.
basiflava Tokunaga, *in* Tokunaga and Murachi, 1959: 202. Micronesia.
baueri Wirth, 1956a: 361. USA (Arizona).
bifidicola Szadziewski, 1993: 649. Germany. Eocene.
blanda Yu and Liu, *in* Yu et al., 2005: 6678. China.
caliginosa (Ingram and Macfie), 1924a: 386 (*Lasiohelea*). Ghana.
castania Liu and Yu, *in* Yu et al., 2005: 680. China.
chaetoptera Remm, 1962b: 188. Estonia.
chirurgia Debenham, 1987a: 87. Australia (New South Wales).
cliens Debenham, 1987a: 76. Papua New Guinea.
collinsi Lane, 1977: 308. Ethiopia.
consortis de Meillon and Wirth, 1989b: 212. South Africa.
crinita Saunders, 1964: 474. Canada (Saskatchewan).
danaisi (Floch and Abonnenc), 1949: 2 (1950a: 72) (*Lasiohelea*). Venezuela.
debenhamae Clastrier and Delécolle, 1991: 228. New name for *arcis*.
arcis Debenham, 1987a: 91 (preoccupied by *Forcipomyia arcis* de Meillon and Downes, 1986). Australia (Northern Territory).
eotrichoheleana Szadziewski, 1988: 213. Baltic region. Eocene.
eques (Johannsen), 1908: 266 (*Ceratopogon*). USA (New York).
chrysopae Mayer, 1934b: 259. Germany.
chrysopivora (Tokunaga), 1939b: 371 (*Lasiohelea*). Japan.
equitans (Edwards), 1933c: 251 (*Lasiohelea*). Malaysia.
ferrea Debenham, 1987a: 76. Australia (Queensland).
geometrica (Clastrier), 1959c: 437 (*Lasiohelea*). Réunion (France).
goniognatha Wirth and Messersmith, 1971: 20. Mexico.
imparidentis Debenham, 1987a: 77. Fiji.
insignicornis (Macfie), 1947a: 29 (*Lasiohelea*). Uganda.
insignis (Skuse), 1889: 298 (*Ceratopogon*). Australia (New South Wales).
sydneyensis (Skuse), 1889: 302 (*Ceratopogon*). Australia (New South Wales).
intrepida Macfie, 1936b: 228. Peru.
kuscheli Sublette and Wirth, 1980: 330. New Zealand.
leptognatha Wirth and Messersmith, 1971: 21. USA (Kansas).

- limnetis** Ingram and Macfie, 1931a: 169. Argentina.
shannoni (Ingram and Macfie), 1931a: 171 (*Lasiohelea*). Argentina.
- lunata** Debenham, 1987a: 90. Australia (New South Wales).
- lushanensis** Yu and Liu, *in* Yu et al., 2005: 681. China.
- macheti** Clastrier and Legrand, 1990: 168. French Guiana.
- mcateei** Wirth, 1956a: 359. USA (Maryland).
saundersi Chan, *in* Chan and LeRoux, 1965: 87. Canada (Quebec).
- mexicana** Wirth, 1956a: 361. Mexico.
- monoplectron** Lane, 1977: 306. Tanzania.
- okadai** (Tokunaga), 1939b: 370 (*Lasiohelea*). Russia.
- opilionivora** (Lane), 1947c: 159 (*Lasiohelea*). Brazil.
- pacifica** (Macfie), 1933a: 75 (*Lasiohelea*). French Polynesia (France).
- papuensis** Lane and Cotman, 1986: 617. Papua New Guinea.
- pectinunguis** (de Meijere), 1923: 138 (*Ceratopogon*). Indonesia.
- pennambula** (Macfie), 1932a: 279 (*Lasiohelea*). Indonesia.
- quateriungula** Tokunaga, 1959: 293. Indonesia.
- roubaudi** Clastrier and Delécolle, 1997: 379. French Guiana.
- samoensis** (Edwards), 1928: 51 (*Lasiohelea*). Western Samoa.
- sayhuequei** Marino and Spinelli, 2004b: 2257. Argentina.
- scorpio** Debenham, 1987a: 88. Australia (New South Wales).
- sector** Debenham, 1987: 83. Australia (New South Wales).
- simulataris** Liu and Yu, *in* Yu et al., 2005: 684. China.
- subauronitens** Tokunaga, 1940c: 96. Japan.
- succinicola** Szadziewski, 1993: 650. Germany. Eocene.
- tehuelche** Marino and Spinelli, 2004b: 2260. Argentina.
- tipulivora** Macfie, 1936b: 229. Indonesia.
- tonnoiri** (Goetghebuer), 1920: 39 (*Trichohelea*). Belgium.
auronitens (Kieffer), 1919a: 65 (*Apelma*, preoccupied by *Forcipomyia auronitens* (Kieffer), 1910). Slovak Republic.
papilionivora Edwards, 1923b: 23. Great Britain.
umbellicola Remm, 1971: 189. Russia.
- trinidadensis** Saunders, 1964: 476. Trinidad and Tobago.
- tripeda** Liu and Yu, *in* Yu et al., 2005: 685. China.
- tsutsumii** Tokunaga, 1960b: 76. Japan.
- tumula** Debenham, 1987a: 92. Australia (New South Wales).
- veroensis** Wirth and Messersmith, 1971: 24. USA (Florida).
- wudangensis** Yu and Liu, *in* Yu et al., 2005: 687. China.

Subgenus TRITHICOMYIA Yu and Song

TRITHICOMYIA Yu and Song, 2008: 793 (as subgenus of *Forcipomyia*). Type species: *Trithicomomyia huainanensis* Yu and Song, by original designation.

huainanensis Yu and Song, 2008: 793. China.

Subgenus TYPHONOMYIA Debenham

TYPHONOMYIA Debenham, 1987a: 93 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia anachoreta* Debenham, by original designation.

anachoreta Debenham, 1987a: 94. Australia (New South Wales).

Subgenus WARMKEA Saunders

WARMKEA Saunders, 1957: 671 (as subgenus of *Forcipomyia*). Type species: *Forcipomyia bicolor* Saunders (=

Forcipomyia lesliei Wirth), by original designation.

- aeria** Saunders, 1957: 675. Puerto Rico (USA).
albiacies Debenham, 1987b: 170. Australia (Queensland).
brunnea de Meillon and Downes, 1986: 151. South Africa.
distinctiscuta Tokunaga, 1962a: 173. Japan.
fishi Wirth and Soria, 1980: 145. USA (Florida).
galindoi Wirth and Soria, 1980: 146. Panama.
kaufmannae Wirth and Derron, 1976: 230. Sao Tomé and Príncipe.
lesliei Wirth, 1974: 12. New name for *bicolor*.
bicolor Saunders, 1957: 672 (preoccupied by *Forcipomyia bicolor* Lutz, 1914). Puerto Rico (USA).
louriei (Macfie), 1935a: 49 (*Lasiohelea*). Brazil.
narthekophora Macfie, 1939c: 166. Brazil.
malayae Saunders, 1957: 678. Malaysia.
samyda Yu and Liu, in Yu et al., 2005: 690. China.
spinosa Saunders, 1957: 676. Puerto Rico (USA).
terrestris Saunders, 1964: 479. Trinidad and Tobago.
tuberculata Saunders, 1957: 677. Trinidad and Tobago.

Species of *FORCIPOMYIA* unplaced to subgenus

- longitarsis** (Malloch), 1915b: 314 (*Euforcipomyia*). USA (Illinois).
nabilis Yu, in Yu and Song, 2008: 795. New name for *notata*.
notata Yu and Liu, in Yu et al., 2005: 691 (preoccupied by *Forcipomyia notata* Macfie, 1939a). China.
reburra Borkent, in Borkent and Wirth, 1997:50. New name for *villosa*.
villosa (Macfie), 1934c: 183 (*Lasiohelea*, preoccupied by *Forcipomyia villosa* (Zetterstedt), 1850). Malaysia.

SUBFAMILY DASYHELEINAE LENZ, 1934: 96

Genus *DASYHELEA* Kieffer

- DASYHELEA** Kieffer, 1911d: 5. Type species: *Dasyhelea halophila* Kieffer, by monotypy.
PROKEMPIA Kieffer, 1913d: 163, 179 (as subgenus of *Dasyhelea*). Type species: *Dasyhelea ornaticornis* Kieffer, designation by Wirth, 1973: 358.
PSEUDOCULICOIDES Malloch, 1915a: 309. Type species: *Ceratopogon mutabilis* Coquillett, by original designation.
TETRAHELEA Kieffer, 1925a: 423. Type species: *Culicoides insignicornis* Kieffer, by original designation.
DICRYPTOSCENA Enderlein, 1936: 51. Type species: *Dasyhelea inclusa* Kieffer, by original designation.
SEBESSIA Remm, 1979b: 55 (as subgenus of *Dasyhelea*). Type species: *Dasyhelea flavopyga* Zilahi-Sebess, by original designation.
BORKENTIMYIA Yu, Liu, Liu, Liu, Hao, Yan and Zhao, 2006: 321 (as subgenus of *Dasyhelea*). Type species: *Dasyhelea forsteri* Grogan and Wirth, by original designation.

- abdita** Yu, in Yu et al., 2005: 122. China.
abdominalis (Santos Abreu), 1918: 303 (*Culicoides*). Canary Islands (Spain).
abhazica Remm, 1967: 21. Georgia.
abonnenci Clastrier, 1959b: 373. Senegal.
abreui (Kieffer), 1921e: 7 (*Culicoides*). New name for *flaviventris*.
flaviventris (Santos Abreu), 1918: 292 (*Culicoides*, as variety of *versicolor*, preoccupied by *Dasyhelea flaviventris* (Goetghebuer), 1910). Canary Islands (Spain).
abronica Yu, 2001: 160. China.
abyenensis Boorman and Harten, 2002: 440. Yemen.
actita Yu, in Yu et al., 2005: 125. China.
acuminata Kieffer, 1919a: 60. Hungary.
polita Edwards, 1921: 124. Great Britain.

- verticillata* Kieffer, 1925d: 63. France, Hungary.
littoralis Goetghebuer, 1934c: 289. Belgium.
- adami** Vattier, 1964: 1160. Congo.
- adjaniae** Gosseries, 1989: 3. New name for *acuminata*.
acuminata Goetghebuer, 1935d: 165 (preoccupied by *Dasyhelea acuminata* Kieffer, 1919a). Democratic Republic of Congo.
goetghebueri Wirth, 1980: 159, in Wirth et al., 1980 (preoccupied by *Dasyhelea goetghebueri* Kieffer, 1919a). New name for *acuminata*.
- adjecta** Mazumdar and Chaudhuri, 2009a: 192. India.
- aegealitis** Spinelli and Wirth, 1984d: 589. Jamaica.
- aeratipennis** (Skuse), 1889: 303 (*Ceratopogon*). Australia (New South Wales).
- affinis** (Johannsen), 1932: 422 (*Tetrachora*, as variety of *tersa*). Indonesia.
- afghanica** Navai, 1994: 359. Afghanistan.
- africana** Clastrier, 1959b: 379. Senegal.
- agrila** Yu, in Yu et al., 2005: 309. China.
- aithalodes** Remm, 1971: 200. Russia.
- albidipes** (Santos Abreu), 1918: 291 (*Culicoides*, as variety of *versicolor*). Canary Islands (Spain).
intermedia (Santos Abreu), 1918: 310 (*Culicoides*). Canary Islands (Spain).
guanchense Clastrier, 1966: 702. Canary Islands (Spain).
- albiscapula** Clastrier, 1959b: 377. Senegal.
- albohalterata** (Santos Abreu), 1918: 299 (*Culicoides*, as variety of *sericatus*). Canary Islands (Spain).
- albopruinosa** Goetghebuer, 1933e: 143. Democratic Republic of the Congo.
- alboscuteolata** Clastrier, 1959c: 424. Réunion (France).
- alboverrucosa** Remm, 1967: 17. Azerbaijan.
- algarum** Kieffer, 1924a: 21. Germany.
- alonensis** (Strobl), 1906: 396 (*Ceratopogon*). Spain.
- alticola** Liu and Zhang, in Liu, Zhang and Luo, 2002: 257. China.
- alula** Yu, in Yu et al., 2005: 259. China.
- ambita** Yu, in Yu et al., 2005: 177. China.
- ampelis** Yu, in Yu et al., 2005: 126. China.
- ampullariae** Macfie, 1934c: 279. Malaysia.
- ancora** (Coquillett), 1902a: 87 (*Ceratopogon*). USA (Florida).
- andensis** Ingram and Macfie, 1931a: 180. Argentina.
- antilleana** Szadziowski and Grogan, 1998b: 257. Dominican Republic. Miocene.
- antiqua** Palmer, 1957: 266 (as subspecies of *australis*). USA (California). Miocene.
- apiculata** Yu, Chen and Yan, in Yu et al., 2005: 688. China.
- arciforceps** Tokunaga, 1940d: 129. Japan.
clavifulva Tokunaga, 1940d: 135. Japan.
- arenivaga** Macfie, 1943a: 151 (as variety of *inconspicuosus*). Egypt.
- arenosa** Kieffer, 1925e: 255. Algeria.
- argentinensis** Kieffer, 1925c: 92. Argentina.
- assimilis** (Johannsen), 1932: 425 (*Tetrachora*). Indonesia.
- atlantis** Wirth and Williams, 1957: 11. Bermuda (Great Britain).
- atra** de Meillon and Wirth, 1989b: 213. Zimbabwe.
- atrata** Wirth, 1952a: 164. USA (California).
- atrifemorata** Clastrier, 1961b: 264. Senegal.
- atrolaevis** Goetghebuer, 1933e: 144. Democratic Republic of the Congo.
- atronotata** Macfie, 1938: 158. Solomon Islands.
- atrostriata** Goetghebuer, 1933e: 145. Democratic Republic of the Congo.
- aucklandensis** Sublette and Wirth, 1980: 331. New Zealand.
- auli** Remm, 1962a: 123. Estonia.
- aurantiaca** (Kieffer), 1911c: 342 (*Culicoides*). Seychelles.
mahensis (Kieffer), 1911c: 342 (*Culicoides*, as variety of *aurantiaca*). Seychelles.
- arensis** Remm, 1981: 32. New name for *biskraensis*.

- biskraensis* Goetghebuer, 1939: 59 (preoccupied by *Dasyhelea biskraensis* Kieffer, 1923a). Algeria.
- aurosa** Yu, *in* Yu et al., 2005: 129. China.
- australis** Wirth, 1952b: 92. Chile.
- awadi** Boorman and Harten, 2002: 440. Yemen.
- azteca** Huerta and Grogan, 2006: 893. Mexico.
- bactriana** Remm, 1980: 104. Uzbekistan.
- baculata** Remm, 1967: 15. Georgia.
- bahamensis** (Johnson), 1908: 71 (*Ceratopogon*). Bahamas.
- bajensis** Wirth, 1978: 192. Mexico.
- baltica** Remm, 1966: 58. Estonia.
- bambusaoris** Yu, *in* Yu et al., 2005: 130. China.
- bamianica** Navai, 1994: 363. Afghanistan.
- barbaros** Yu, *in* Yu et al., 2005: 277. China.
- batouensis** Yu, *in* Yu et al., 2005: 275. China.
- begueti** Kieffer, 1922g: 508. Algeria.
astyla Kieffer, 1922g: 510. Algeria.
hirtipes Kieffer, 1922g: 510 (as variety of *begueti*, preoccupied by *Dasyhelea hirtipes* (Kieffer), 1917b). Algeria.
- bensoni** Edwards, 1933a: 91. Great Britain.
vernalis Remm, 1979b: 56. Estonia.
- bermudae** Wirth and Williams, 1957: 11. Bermuda (Great Britain).
- biannulata** Clastrier, Rioux and Descous, 1961: 68. Chad.
- bicolorea** Goetghebuer, 1934d: 191. Democratic Republic of the Congo.
- bicornis** Remm, 1993: 195. Russia.
- bicrenata** Kieffer, 1923a: 668. Algeria.
- bifida** Zilahi-Sebess, 1936b: 44 (as variety of *fasciigera*). Hungary.
- bifurcata** Kieffer, 1923a: 669. Algeria.
- billineata** Goetghebuer, 1920: 45. Belgium.
insignipalpis Kieffer, 1925d: 62 (as variety of *versicolor*). Europe.
saxicola (Edwards), 1929a: 426 (*Tetraphora*). Great Britain.
geleiana Zilahi-Sebess, 1930a: 11 (1931: 321). Hungary.
montana Zilahi-Sebess, 1940: 48 (as variety of *dufour*). Hungary.
lithotelmatica Strenzke, *in* Thienemann, 1950: 178. Austria.
tecticola Remmert, 1953: 334. Germany.
dieuzeidei (Vaillant), 1957: 265 (*Culicoides*). France.
karelica Glukhova and Brodskaya, 1997: 443. Russia.
- bilobata** Kieffer, 1915b: 65. France.
luteiventris Goetghebuer, 1934a: 90. Austria.
spiralis Remm, 1966: 60. Lithuania.
- bipunctata** Wirth and Messersmith, 1977: 304. Seychelles.
- biseriata** Wirth and Beaver, 1979: 49. Malaysia.
- biskraensis** Kieffer, 1923a: 672 (as variety of *begueti*). Algeria.
- bistriata** Kieffer, 1915a: 472. Germany.
- biunguis** Kieffer, 1925a: 409. Russia.
- bolei** Ingram and Macfie, 1923: 54. Ghana.
- boothi** Ingram and Macfie, 1921: 331. Nigeria.
- borbonica** Clastrier, 1959c: 419. Réunion (France).
- borgmeieri** Wirth and Waugh, 1976: 225. Trinidad and Tobago.
- borkenti** Yu, *in* Yu et al., 2005: 321. China.
- brachibaos** Yu and Liu, *in* Yu et al., 2005: 226. China.
- brevicornis** Waugh and Wirth, 1976: 245. USA (New York).
- brevicosta** Waugh and Wirth, 1976: 238. USA (Virginia).
- brevicula** Yu, *in* Yu et al., 2005: 133. China.
- breviforceps** Tokunaga, 1962a: 198. Japan.
- brevimana** (Kieffer), 1910: 187 (*Culicoides*). India.

- brookmani** Wirth, 1952a: 152. USA (California).
- browneae** Pierce, 1966: 87. USA (California). Miocene.
- bullocki** Tokunaga, 1958: 75. South Korea.
- cacaoi** Wirth and Waugh, 1976: 231. Trinidad and Tobago.
- cactorum** Wirth and Hubert, 1960a: 642. Mexico.
- caelata** Yu, *in* Yu et al., 2005: 137. China.
- caerulea** Yu and Hao, *in* Yu et al., 2005: 138. China.
- caesia** Remm, 1993: 193. Russia.
- calvescens** Macfie, 1938: 157. USA (Hawaii).
- calycata** Remm, 1972: 74. Russia.
- canariensis** (Santos Abreu), 1918: 293 (*Culicoides*, as variety of *versicolor*). Canary Islands (Spain).
brunnea (Santos Abreu), 1918: 295 (*Culicoides*, as variety of *versicolor*). Canary Islands (Spain).
fenestralis (Santos Abreu), 1918: 293 (*Culicoides*, as variety of *versicolor*). Canary Islands (Spain).
ornatigaster (Santos Abreu), 1918: 294 (*Culicoides*, as variety of *versicolor*). Canary Islands (Spain).
hiemalis (Santos Abreu), 1918: 314 (*Culicoides*). Canary Islands (Spain).
albidigaster (Santos Abreu), 1918: 316 (*Culicoides*, as variety of *hiemalis*). Canary Islands (Spain).
inmaculata (Santos Abreu), 1918: 315 (*Culicoides*, as variety of *hiemalis*). Canary Islands (Spain).
quinquetaeniata Clastrier, 1966: 699. Canary Islands (Spain).
- caribbeana** Spinelli and Wirth, 1984d: 596. Jamaica.
- carolinensis** Tokunaga, 1941a: 112. Micronesia.
- cellulana** de Meillon and Wirth, 1983a: 353. South Africa.
- centridorsalis** Tokunaga, 1963c: 39. Japan.
- chambiensis** Goetghebuer, 1935d: 166. Democratic Republic of the Congo.
- chani** Wirth and Linley, 1990: 274. USA (Florida).
- chimaira** Yu and Wang, *in* Yu et al., 2005: 278. China.
- cincta** (Coquillett), 1901a: 605 (*Ceratopogon*). USA (Florida).
albopicta Ingram and Macfie, 1931a: 187. Argentina.
penthesileae Macfie, 1935a: 55. Brazil.
- circellata** Yu, *in* Yu et al., 2005: 180. China.
- cirrata** Yu, *in* Yu et al., 2005: 181. China.
- claviculifera** Tokunaga, 1962a: 202. Japan.
- coarctata** Kieffer, 1914a: 231. Switzerland.
- cogani** Wirth, 1990: 238. Aldabra (Seychelles).
- columbiana** (Kieffer), 1917b: 304 (*Culicoides*). Colombia.
- columna** de Meillon and Wirth, 1989b: 213. Zimbabwe.
- communis** Kieffer, 1918a: 55. Algeria.
- compta** Yu and Hao, *in* Yu et al., 2005: 139. China.
- confinis** (Johannsen), 1932: 426 (*Tetrphora*). Indonesia.
- connexa** Yu, *in* Yu et al., 2005: 280. China.
- consuta** Yu and Zhao, *in* Yu et al., 2005: 182. China.
- contexta** Yu, *in* Yu et al., 2005: 183. China.
- contigua** (Johannsen), 1932: 423 (*Tetrphora*). Indonesia.
- corinneae** Gosseries, 1991: 42. New name for *scutellata*.
scutellata (Meigen), 1830: 262 (*Ceratopogon*, preoccupied by *Ceratopogon scutellatus* Say, 1829). Europe.
choneta Yu and Zou, *in* Yu et al., 2005: 279. China.
- cornuta** Remm, 1972: 77. Russia.
- correntina** Ronderos and Díaz, *in* Ronderos et al., 2004: 194. Argentina.
- coruscantis** Yu and Zhang, *in* Yu et al., 2005: 141. China.
- crassipilosa** Tokunaga, 1956: 114. Japan.
- crassiseta** Borkent and Forster, 1986: 1285. Canada (Ontario).
- crassivena** Mazumdar and Chaudhuri, 2009a: 193. India.
- cremnica** Yu and Ding, *in* Yu et al., 2005: 299. China.
- croceoscutellata** Goetghebuer, 1933e: 143. Democratic Republic of the Congo.
- cuneata** Remm, 1979b: 57. Russia.

curticoma Kieffer, 1923b: 138. Indonesia.
curtiradialis Tokunaga, 1940d: 130. Japan, Taiwan.
curtivitta Tokunaga, 1940d: 124. Japan.
curta Yu and Yan, *in* Yu et al., 2005: 264. China.
dampfi Kieffer, 1925b: 150. Estonia.
 estonica Kieffer, 1925a: 409. Estonia.
 turfacea Kieffer, 1925b: 151. Estonia.
dara Pierce, 1966: 88. USA (California). Miocene.
dauidi Clastrier, 1983c: 27. Seychelles.
decempunctata (Skuse), 1889: 301 (*Ceratopogon*). Australia (New South Wales).
decoratissima (Strobl), 1910: 264 (*Ceratopogon*). Austria.
deemingi Boorman and Harten, 2002: 441. Oman
dehalperti Macfie, 1937b: 76. Ethiopia.
deiras Yu, *in* Yu et al., 2005: 184. China.
deleasma Yu, *in* Yu et al., 2005: 282. China.
dellapei Díaz and Spinelli, *in* Díaz et al., 2010: 2828. Argentina.
denticulata Yu, *in* Yu et al., 2005: 238. China.
dentiforceps Tokunaga, 1940d: 121. Japan.
desertorum Szadziewski, Gwizdalska-Kentzer and Gilka, 2011: 641. United Arab Emirates.
dicrae Yu, *in* Yu et al., 2005: 142. China.
digna Borkent, 1997a: 92. USA (Hawaii).
dilatata Yu, *in* Yu et al., 2005: 143. China.
dimota Remm, 1972: 79. Russia.
dioxyria Hao and Yu, 2001: 12. China.
diplosis Kieffer, 1914a: 232. Germany.
distalis Kieffer, 1918a: 94. Turkey.
divergens de Meillon, 1959b: 22. South Africa.
diversiloba Yu, *in* Yu et al., 2005: 144. China.
dixa Yu, Sun and Gong, *in* Sun et al., 2010:247. China.
dominicana Szadziewski and Grogan, 1998b: 258. Dominican Republic. Miocene.
doratos Yu, *in* Yu et al., 2005: 310. China.
dujanga Yu, *in* Yu et al., 2005: 146. China.
dunhuangensis Yu and Liu, *in* Yu et al., 2005: 185. China.
dupliforceps Tokunaga, *in* Tokunaga and Murachi, 1959: 264. Kiribati.
dybasi Tokunaga and Murachi, 1959: 291. Belau (USA).
echinatus Liu, Yan and Liu, 1996: 50. China.
echma Yu, *in* Yu et al., 2005: 300. China.
effusa Liu and Yu, 2001: 277. China.
egypti Macfie, 1943a: 149 (as variety of *inconspicua*). Egypt.
enygros Yu, *in* Yu et al., 2005: 147. China.
eodicyptoscenica Szadziewski, 1988: 228. Poland. Eocene.
erema Yu and Huang, *in* Yu et al., 2005: 284. China.
eremita Remm and Nazarmukhamedov, 1969: 56. Tajikistan.
erici Havelka, 1978b: 62. Austria.
ermeri Remm, 1967: 17. Georgia.
erythrogaster (Santos Abreu), 1918: 307 (*Culicoides*). Canary Islands (Spain).
esakii Tokunaga, 1940a: 212. Micronesia.
europaea Remm, 1962a: 122 (as subspecies of *bifurcata*). Estonia.
excellens Borkent, 1997a: 91. USA (Hawaii).
excelsa Yu and Deng, *in* Yu et al., 2005: 148. China.
eximia (Santos Abreu), 1918: 312 (*Culicoides*). Canary Islands (Spain).
falcata de Meillon and Downes, 1986: 152. South Africa.
falculata Remm, *in* Remm and Zhogolev, 1968: 833. Ukraine.
fallax Bose and Das Gupta, *in* Bose et al., 2002: 376. India.

- fasciigera** Kieffer, 1925b: 151. Estonia.
furcata Zilahi-Sebess, 1940: 50. Hungary.
nigra Zilahi-Sebess, 1940: 50 (as variety of *furcata*). Hungary.
- ferreyrae** de Meillon, 1961: 48. Madagascar.
- ferruginosa** Remm and Nazarmukhamedov, 1969: 54. Turkmenistan.
- festiva** Wirth, 1952a: 161. USA (California).
- filibranchia** (Lutz), 1914: 85 (*Ceratopogon*). Brazil.
- filiductus** Díaz and Spinell, in Díaz et al., 2009: 153. Argentina.
- flava** Carter, Ingram and Macfie, 1921b: 196. Ghana.
- flava** Yu, in Yu et al., 2005: 229. China. [**preoccupied and needs new name**]
- flaveola** Clastrier, Rioux and Descous, 1961: 73. Chad.
- flavescens** Tokunaga and Murachi, 1959: 250. Marshall Islands.
- flavibasilis** Tokunaga, 1940e: 173 (1940d: 118). Micronesia.
- flavicauda** Macfie, 1939c: 201. Brazil.
- flavicaudalis** Tokunaga and Murachi, 1959: 248. Micronesia.
- flaviformis** Carter, Ingram and Macfie, 1921b: 201. Ghana.
- flavifrons** (Guérin-Méneville), 1833: 165 (*Ceratopogon*). France.
obscura (Winnertz), 1852: 45 (*Ceratopogon*, preoccupied by *Forcipomyia obscura* (Walker), 1848). Germany.
versicolor (Winnertz), 1852: 45 (*Ceratopogon*). Germany.
dufourii (Laboulbène), 1869: 163 (*Ceratopogon*). France.
hippocastani (Mik), 1888: 185 (*Ceratopogon*). Austria.
brevitibialis Goetghebuer, 1919: 72. Belgium.
goetghebueri Kieffer, 1919a: 53. Belgium.
sensualis Kieffer, 1919a: 55. Croatia, Greece.
lignicola Kieffer, 1919a: 57. Czech Republic.
paludicola Kieffer, 1925b: 152. Estonia.
oppressa Thomsen, 1935: 285. USA (New York).
septuosa Borkent, in Borkent and Wirth, 1997: 58. New name for *obscura* (Winnertz).
- flavimana** (Santos Abreu), 1918: 292 (*Culicoides*, as variety of *versicolor*). Canary Islands (Spain).
- flavipicta** Ingram and Macfie, 1922: 249. Ghana.
- flaviscapula** Kieffer, 1918a: 93. Turkey.
- flaviventris** (Goetghebuer), 1910: 96 (*Culicoides*). Belgium.
- flavohumeralis** Goetghebuer, 1935d: 166. Democratic Republic of the Congo.
- flavopyga** Zilahi-Sebess, 1940: 49. Hungary.
- flavoscapularis** Goetghebuer, 1935d: 167. Democratic Republic of the Congo.
- flavoscutellata** (Zetterstedt), 1850: 3648 (*Ceratopogon*). Norway.
egens (Winnertz), 1852: 43 (*Ceratopogon*). Germany.
heracleae Kieffer, 1919a: 59. Greece.
halobia (Kieffer), 1924a: 12 (*Prokempia* (preoccupied by *Dasyhelea halobia* Kieffer, 1924a). Germany).
- floricola** Kieffer, 1922g: 510 (as variety of *begueti*). Algeria.
- foliacea** Yu, in Yu et al., 2005: 149. China.
- fontana** de Meillon and Wirth, 1981b: 533. South Africa.
- forcepina** Ma and Yu, in Yu et al., 2005: 243. China.
- forficata** de Meillon and Wirth, 1989b: 215. Senegal.
- formosae** (Kieffer), 1912a: 29 (*Culicoides*). Taiwan.
- formosana** Kieffer, 1921g: 565. Taiwan.
sauteri Tokunaga, 1940d: 127. New name for *formosana*.
- fornicata** Yu and Liu, in Yu et al., 2005: 150. China.
- forsteri** Grogan and Wirth, 1981c: 97. Solomon Islands.
- fossata** Yu, in Yu et al., 2005: 152. China.
- fosteri** Clastrier, 1983c: 28. Seychelles.
- franzella** Goetghebuer, 1950: 3. Austria.
unbedarfiti Havelka, 1978a: 177. Germany.

- fratercula** (Santos Abreu), 1918: 305 (*Culicoides*). Canary Islands (Spain).
- fueguina** Díaz and Spinelli, *in* Díaz et al., 2010: 2832. Argentina.
- fulcillata** Yu, *in* Yu et al., 2005: 153. China.
- fulvicauda** Macfie, 1933b: 101. French Polynesia (France).
- fulvosa** Remm, 1967: 15. Azerbaijan.
- fumala** Tokunaga, 1940e: 176 (1940d: 117). Belau (USA).
- fungivora** Krivosheina and Remm, 1974: 123. Russia.
- furcillifera** Tokunaga, *in* Tokunaga and Murachi, 1959: 275. Micronesia.
- furcula** de Meillon and Wirth, 1989b: 216. South Africa.
- furva** Remm, 1967: 21. Russia.
- fusca** Carter, Ingram and Macfie, 1921b: 204. Ghana.
- fusca** Yu, *in* Yu et al., 2005: 154. China. **[preoccupied and needs new name]**
- fusciformis** Carter, Ingram and Macfie, 1921b: 209. Ghana.
- fuscipleuris** Carter, Ingram and Macfie, 1921b: 200. Ghana.
- fusciscutellata** Carter, Ingram and Macfie, 1921b: 187. Ghana.
- fuscocincta** Remm, 1967: 12. Azerbaijan.
- galbiscutellata** Borkent 1997b: 7. New name for *luteoscutellata*.
luteoscutellata Carter, Ingram and Macfie, 1921b: 191 (preoccupied by *Dasyhelea luteoscutellata* (Santos Abreu), 1918). Ghana.
- galea** Yu and Ma, *in* Yu et al., 2005: 287. China.
- gargola** Díaz and Spinelli, *in* Díaz et al., 2010: 2834. Argentina.
- gedanica** Szadziewski, 1988: 226. Poland. Eocene.
- gemma** Yu, *in* Yu et al., 2005: 190. China.
- georgei** Huttel and Huttel, 1954: 39. France.
- gigantosalphinx** de Meillon, 1937b: 371. South Africa.
- gluchovae** Brodskaya, 1996: 193 (as *glukhovae*). Kyrgyzstan.
- gnopheros** Yu, *in* Yu et al., 2005: 156. China.
- gongylophoda** Yu and Huang, 2006: 48. China.
- grata** (Johannsen), 1932: 426 (*Tetraphora*). Indonesia.
- gressitti** Tokunaga, *in* Tokunaga and Murachi, 1959: 251. Belau (USA).
- grisea** (Coquillett), 1901a: 602 (*Ceratopogon*). USA (District of Columbia).
subcaerulea Thomsen, 1935: 284. USA (New York).
- griseithorax** Goetghebuer, 1933e: 145. Democratic Republic of the Congo.
- griseola** Wirth, 1978: 195. Mexico.
- grogani** Díaz and Spinelli, *in* Díaz et al., 2011:35. Chile.
- guadeloupensis** Delécolle and Rieb, 1994: 272. Guadeloupe.
- halobia** Kieffer, 1924a: 20. Germany.
- halophila** Kieffer, 1911d: 5 (1913c: 255). Croatia.
- hama** Yu, *in* Yu et al., 2005: 244. China.
- hamardabani** Remm, 1972: 75. Russia.
- hamata** de Meillon and Wirth, 1989b: 217. Zimbabwe.
- hanoiensis** Yu, 2003a. Vietnam.
- hawaiiensis** Macfie, 1934a: 133. USA (Hawaii).
- hei** Yu, Sun and Gong, *in* Sun et al., 2010:246. China.
- heliophila** Macfie, 1943a: 150 (as variety of *inconspicuos*). Egypt.
- hesperos** Yu and Yan, *in* Yu et al., 2005: 158. China.
- heurui** Kieffer, 1923b: 139. Indonesia.
- heyuxiani** Yu, Yuan and Zeng, *in* Yu et al., 2005: 687. China.
- hihifo** Clastrier and Delécolle, 1996: 311. Wallis and Futuna Islands (France).
- hippolytae** Macfie, 1935a: 54. Brazil.
- hirsuta** Yu, *in* Yu et al., 2005: 159. China.
- hirtipes** (Kieffer), 1917b: 305 (*Culicoides*). Peru.
- hispaniolae** Szadziewski and Grogan, 1998b: 260. Dominican Republic. Miocene.
- hitchcocki** Wirth, 1976a: 381. Tonga.

holosericea (Meigen), 1804: 27 (*Ceratopogon*). Europe.
homocera Kieffer, 1919a: 56. Croatia.
hondurensis Spinelli and Wirth, 1984d: 600. Belize.
horrida Yu, *in* Yu et al., 2005: 210. China.
huasteca Huerta and Ibanez-Bernal, 1999: 499. Mexico.
humilis Macfie, 1938: 159. Solomon Islands.
hutsoni Wirth, 1990: 240. Aldabra (Seychelles).
imperfecta de Meillon and Wirth, 1989b: 217. Zimbabwe.
incisurata Remm, 1962a: 114. Estonia.
inconspicua Carter, Ingram and Macfie, 1921b: 191. Ghana.
indecora (Kieffer), 1912a: 29 (*Culicoides*). Taiwan.
infula Yu, *in* Yu et al., 2005: 191. China.
insignicornis (Kieffer), 1913e: 9 (*Culicoides*). Kenya.
insons Mayer, 1934c: 177. Indonesia.
insperata Yu and Yan, *in* Yu et al., 2005: 192. China.
insularis Tokunaga, 1940a: 214. Micronesia.
insulicola Tokunaga and Murachi, 1959: 307. Marshall Islands.
internata Yu, *in* Yu et al., 2005: 323. China.
intonsa Debenham, 1987e: 347. Cocos (Keeling) Islands (Australia).
ismailliae Macfie, 1943a: 152. Egypt.
jamaicensis Spinelli and Wirth, 1984d: 602. Jamaica.
jingboi Yu, *in* Yu et al., 2005: 288. China.
johannseni (Malloch), 1915a: 311 (*Pseudoculicoides*). USA (California).
joycei de Meillon, 1936: 193. South Africa.
jucunda Macfie, 1932c: 38. New Zealand.
judithae Pierce, 1966: 88. USA (California). Miocene.
kanakoffi Pierce, 1966: 89. USA (California). Miocene.
kibunensis Tokunaga, 1940d: 134. Japan.
kitaokai Tokunaga, 1963c: 42. Japan.
kodoriensis Remm, 1993: 195. Russia.
korfoensis Remm, 1993: 193. Russia.
kruppi Boorman and Harten, 2002: 444. Oman.
kunmingensis Zhao and Yu, 1997: 6. China.
kurensis Remm, 1967: 14. Azerbaijan.
mayeri Spataru and Damian-Georgescu, 1970: 422. Romania.
kyotoensis Tokunaga, 1940d: 132. Japan.
kyrenica Remm, 1972: 75. Russia.
labinoda Mazumdar and Chaudhuri, 2009a: 195. India.
labourdonnaisi Clastrier, 1959c: 422. Réunion (France).
lacustris Ingram and Macfie, 1931a: 190. Argentina.
laeta (Johannsen), 1932: 427 (*Tetrastoma*). Indonesia.
lakistos Yu and Liu, *in* Yu et al., 2005: 230. China.
larundae de Meillon, 1936: 195. South Africa.
latiforceps Clastrier, 1983c: 29. Seychelles.
ledi Remm, 1993: 190. Russia.
lediformis Remm, 1993: 191. Russia.
leporis de Meillon and Wirth, 1981c: 572. South Africa.
leptobranchia Waugh and Wirth, 1976: 236. USA (Maryland).
leptoclada Remm, 1967: 19. Azerbaijan.
lieni Yu, *in* Yu et al., 2005: 311. China.
lineata (Kieffer), 1917a: 186 (*Culicoides*). Papua New Guinea.
linlingae Yu and Huang, 2006: 48. China.
longicauda Yu, *in* Yu et al., 2005: 212. China.
longicoma Kieffer, 1923b: 139. Indonesia.

- longicornis** Kieffer, 1913d: 180. India.
- longipenis** Yu, *in* Yu et al., 2005: 291. China.
- longituba** Kieffer, 1922g: 511. Algeria.
- longuana** Yu and Liu, *in* Yu et al., 2005: 312. China.
- longuria** Yu, *in* Yu et al., 2005: 292. China.
- lucida** Remm, *in* Remm and Zhogolev, 1968: 831. Georgia.
- ludingensis** Zhang and Yu, 1996: 202. China.
- lugensis** Brodskaya, 1995: 9. Russia.
- lutea** Remm, *in* Remm and Zhogolev, 1968: 834. Ukraine.
- luteicauda** Tokunaga, 1962a: 192. Japan.
- luteipalpis** (Santos Abreu), 1918: 292 (*Culicoides*, as variety of *versicolor*). Canary Islands (Spain).
- luteocincta** Kieffer, 1925e: 254. Egypt.
- luteogrisea** Wirth and Williams, 1957: 10. Bermuda (Great Britain).
- luteola** Goetghebuer, 1934d: 191. Democratic Republic of the Congo.
- luteoscutellata** (Santos Abreu), 1918: 300 (*Culicoides*, as variety of *sericatus*). Canary Islands (Spain).
- macrostoma** (Kieffer), 1910: 188 (*Culicoides*). India.
- maculata** Macfie, 1943b: 119. Bahamas.
- magna** Mazumdar and Chaudhuri, 2009a: 197. India.
- major** (Malloch), 1915a: 311 (*Pseudoculicoides*). USA (Illinois).
ampla Borkent, *in* Borkent and Wirth, 1997:51. Unnecessary new name for *major*.
- mayor** (Strobl), 1906: 397 (*Ceratopogon*, as variety of *sericata*). Spain.
aperta Goetghebuer and Timon David, 1937: 415. France.
wuelkeri Mayer, 1959: 96. Spain.
- malleola** Remm, 1962a: 119. Estonia.
- manassi** Remm, 1980: 106. Kyrgyzstan.
- maricola** Remm, 1993: 195. Russia.
- maritima** Tokunaga, 1940d: 126. Japan.
- matubae** de Meillon, 1937b: 375. South Africa.
- mcmillani** Clastrier and Wirth, 1961b: 333. Gambia.
- mediomunda** Minaya, 1978: 79. Peru.
- meloae** Díaz and Spinelli, *in* Díaz et al., 2011:37. Argentina.
- messersmithi** Waugh and Wirth, 1976: 241. USA (Virginia).
- microsporea** Hao and Yu, 2001: 13. China.
- minima** Kieffer, 1913d: 181. India.
- minuscula** (Skuse), 1889: 299 (*Ceratopogon*). Australia (New South Wales).
- minuticola** Szadziewski and Grogan, 1998b: 262. Dominican Republic. Miocene.
- minutissima** Goetghebuer, 1933e: 142. Democratic Republic of the Congo.
- miocaenica** Szadziewski, 1993: 651. Germany. Eocene.
- miotheca** Yu and Deng, *in* Yu et al., 2005: 245. China.
- mocambicana** de Meillon, 1942c: 9. Mozambique.
- modesta** (Winnertz), 1852: 43 (*Ceratopogon*). Germany.
aestiva (Winnertz), 1852: 42 (*Ceratopogon*). Germany.
longipalpis Kieffer, 1913b: 37. Germany.
inclusa Kieffer, 1918b: 188. Czech Republic.
strobl Kieffer, 1919a: 63. Spain.
pratensis Goetghebuer, 1920: 44. Belgium.
bihamata Kieffer, 1923a: 667. Algeria.
moascari Macfie, 1943a: 153. Egypt.
densipilosa Tokunaga, 1963c: 41. Japan.
- monilicornis** Kieffer, 1923a: 671. Algeria.
- monosticta** (Ingram and Macfie), 1923: 60 (*Thysanognathus*). Tanzania.
- monticola** Ingram and Macfie, 1931a: 188. Chile.
- montivaga** (Kieffer), 1910: 188 (*Culicoides*). India.
- montivegeta** Yu, 2000b: 163. China. New name for *montana*.

- montana* Yu and Ma, 1998: 274 (preoccupied by *Dasyhelea montana* Zilahi-Sebess, 1940). China.
- morrisoni** Grogan and Wieners 2006: 468. Bahamas.
- morula** Yu and Xue, *in* Yu et al., 2005: 247. China.
- multifascia** Tokunaga and Murachi, 1959: 320. Micronesia.
- muradovi** Remm, 1980: 108. Turkmenistan.
- mutabilis** (Coquillett), 1901a: 602 (*Ceratopogon*). USA (District of Columbia).
- myrmedon** Kieffer, 1917a: 188. Papua New Guinea.
- nachitai** Yu and Liu, *in* Yu et al., 2005: 248. China.
- nandina** Zhao and Yu, 1997: 6. China.
- navai** Xue and Yu, 2002: 39. China.
- navaiae** Waugh and Wirth, 1976: 240. USA (Michigan).
- necrophila** Spinelli and Rodriguez, 1999: 59. Argentina.
- neglecta** (Winnertz), 1852: 46 (*Ceratopogon*). Germany.
- neobifurcata** Wirth, 1976c: 15. New name for *bifurcata*.
- bifurcata* Wirth, 1952a: 161 (preoccupied by *Dasyhelea bifurcata* Kieffer, 1923a). USA (California).
- neocaledoniensis** Clastrier, 1988b: 79. New Caledonia (France).
- nepenthicola** Wirth and Beaver, 1979: 47. Malaysia.
- nigella** (Skuse), 1889: 300 (*Ceratopogon*). Australia (New South Wales).
- nigeriae** Ingram and Macfie, 1921: 329. Nigeria.
- nigricans** Carter, Ingram and Macfie, 1921b: 194. Ghana.
- nigrina** Clastrier, Rioux and Descous, 1961: 71. Chad.
- nigripygma** Tokunaga, *in* Tokunaga and Murachi, 1959: 310. Micronesia.
- nigristigmata** Tokunaga and Murachi, 1959: 246. Marshall Islands.
- nigritula** Clastrier, Rioux and Descous, 1961: 66. Chad.
- nigrofusca** Carter, Ingram and Macfie, 1921b: 207. Ghana.
- nigroris** Tokunaga and Murachi, 1959: 301. Micronesia.
- nilssoni** Szadziewski, 2000b: 478. Canary Islands (Spain).
- nitida** Yu and Liu, *in* Yu et al., 2005: 313. China.
- nitidula** (Kieffer), 1910: 189 (*Culicoides*). Myanmar, India.
- noctuabunda** Remm, 1980: 109. Tajikistan.
- norvegica** Szadziewski and Hagan, 2000: 462. Norway.
- notata** Goetghebuer, 1920: 47. Belgium.
- semistriata* Goetghebuer, 1921: 176. Belgium.
- sziladyi* Zilahi-Sebess, 1936b: 42. Hungary.
- nudipennis** Kieffer, 1921b: 11. Cameroon.
- nyasae** Ingram and Macfie, 1925: 286. Malawi.
- obscurella** Goetghebuer, 1935d: 167. Democratic Republic of the Congo.
- occasa** Zhang and Yu, 1996: 201. China.
- okinawensis** Tokunaga, 1962a: 193. Japan.
- omoxantha** Ingram and Macfie, 1922: 251. Nigeria.
- ona** Díaz and Spinelli, *in* Díaz et al., 2010: 2836. Argentina.
- opaca** (Kieffer), 1910: 188 (*Culicoides*). India.
- oreocincta** Remm, 1980: 103. Kyrgyzstan.
- oribates** Macfie, 1932c: 40. New Zealand.
- ornata** Yu, *in* Yu et al., 2005: 160. China.
- ornaticornis** Kieffer, 1913d: 180. India.
- pabloi** Díaz and Spinelli, *in* Díaz et al., 2011:37. Chile.
- pacifica** Macfie, 1933b: 99. French Polynesia (France).
- pallida* Macfie, 1933b: 100 (as variety of *pacifica*). French Polynesia (France).
- pailemanensis** Díaz and Spinelli, *in* Díaz et al., 2011:40. Argentina.
- paivai** (Kieffer), 1910: 193 (*Culicoides*). India.
- palauensis** Tokunaga, 1940e: 177 (1940d: 117). Belau (USA).
- pallens** Wirth, 1952a: 152. USA (California).
- pallescentis** Yu and Liu, *in* Yu et al., 2005: 215. China.

- pallidicola** Yu, *in* Yu et al., 2005: 293. China.
- pallidihalter** Carter, Ingram and Macfie, 1921b: 184. Ghana.
- pallidiscutellata** Yu, *in* Yu et al., 2005: 163. China.
- pallidiventris** (Goetghebuer), 1931: 211 (*Tetraphora*). Germany.
olivacea Remm, 1962a: 117. Estonia.
- pallivittae** Tokunaga, *in* Tokunaga and Murachi, 1959: 269. Micronesia.
- palloris** Tokunaga and Murachi, 1959: 298. Mariana Islands (USA).
- paracincta** Wirth, 1969: 576. Galápagos Islands (Ecuador).
- paracuminata** Remm, 1980: 104. Tajikistan.
- paragrata** Remm, 1972: 72. Russia.
- parahybae** Macfie, 1940a: 74. Brazil.
- parallela** Remm, 1962a: 125. Estonia.
- parcepilosa** Kieffer, 1923a: 670. Algeria.
- parva** Borkent, *in* Borkent and Wirth, 1997:57. New name for *minuscula*.
minuscula Zilahi-Sebess, 1940: 51 (preoccupied by *Dasyhelea minuscula* (Skuse), 1889). New name for *minima*.
minima Zilahi-Sebess, 1936b: 41 (preoccupied by *Dasyhelea minima* Kieffer, 1913d). Hungary.
- parvifulva** Tokunaga, 1940d: 139. Taiwan.
- parvinigra** Tokunaga, 1940d: 133. Taiwan.
- parvistylata** Tokunaga and Murachi, 1959: 259. Micronesia.
- patagonica** Ingram and Macfie, 1931a: 182. Argentina.
chilensis Ingram and Macfie, 1931a: 186. Chile.
- pauca** Yu and Zhan, *in* Yu et al., 2005: 314. China.
- paulistana** Forattini and Rabello, 1957: 245. Brazil.
- peculiopa** Navai, 1994: 377. Afghanistan.
- peliliouensis** Tokunaga, 1940e: 177 (1940d: 117). Belau (USA).
- pelletieri** Clastrier, 1959c: 426. Réunion (France).
- penicillata** Yu and Liu, *in* Yu et al., 2005: 216. China.
- pentalineata** Wirth and Hubert, 1960a: 644. Mexico.
- perfida** (Johannsen), 1932: 424 (*Tetraphora*). Indonesia.
- perrara** Remm, 1980: 108. Turkmenistan.
- philotherma** Macfie, 1953: 103. Costa Rica.
- picata** Macfie, 1932b: 494. Malawi.
- pictiventris** (Kieffer), 1911b: 327 (*Culicoides*). India.
- placenta** Yu and Wang, *in* Yu et al., 2005: 315. China.
- platychaeta** Hardy, 1960: 185. USA (Hawaii).
- pollex** Borkent and Forster, 1986: 1286. Bahamas.
- pollinosa** Wirth, 1952a: 156. USA (California).
- pritchardi** Wirth, 1952a: 163. USA (California).
- pseudocincta** Waugh and Wirth, 1976: 225 (as *pseudocinta*). USA (New York).
- pseudoincisurata** Waugh and Wirth, 1976: 233. USA (Georgia).
- pulchripes** (Santos Abreu), 1918: 308 (*Culicoides*). Canary Islands (Spain).
tenerifensis Clastrier, 1966: 694. Canary Islands (Spain).
- pumila** Macfie, 1939c: 202. Brazil.
- punctatipennis** Kieffer, 1921b: 11. Cameroon.
- punctiformis** Goetghebuer, 1935d: 168. Democratic Republic of the Congo.
- punctiventris** Goetghebuer, 1940: 71. Germany.
sericatoides Zilahi-Sebess, 1940: 53. Hungary.
siccicola Remm, *in* Remm and Zhogolev, 1968: 832. Ukraine.
- punctosa** Remm, 1993: 190. Russia.
- pusi** Yu and Yan, *in* Yan and Yu, 2008: 481. China.
- pusilla** (Lutz), 1913: 65 (*Centrorhynchus*). Brazil.
- pygmaea** (Williston), 1896: 278 (*Ceratopogon*). St. Vincent.
- pyrsonota** Macfie, 1953: 104. Costa Rica.
- qinghaiensis** Liu and Shi, *in* Liu, et al., 2005: 32. China.

quadrilobata (Kieffer), 1910: 189 (*Culicoides*). India.
quarternihamata Tokunaga and Murachi, 1959: 295. Micronesia.
quassata Yu, *in* Yu et al., 2005: 249. China.
radialis Edwards, 1928: 53. Western Samoa.
raoheensis Zou and Yu, *in* Yu et al., 2005: 218. China.
raripilosa Tokunaga, 1940e: 172 (1940d: 117). Belau (USA).
ravida Yu, *in* Yu et al., 2005: 199. China.
retorta Ingram and Macfie, 1921: 333. Sierra Leone.
revoluta Yu and Wen, *in* Yu et al., 2005: 200. China.
reynoldsi Ingram and Macfie, 1931a: 185. Chile.
ricardo Díaz and Spinelli, *in* Díaz et al., 2011:41. Argentina.
robustiforceps Tokunaga, 1962a: 187. Japan.
rostrosericea Remm, 1993: 191. Russia.
rugula Yu and Zhang, *in* Yu et al., 2005: 165. China.
rusa Macfie, 1933a: 79. French Polynesia (France).
ryckmani Wirth and Hubert, 1960a: 646. USA (California).
ryukyuensis Tokunaga, 1962a: 196. Japan.
sabroskyi Tokunaga, *in* Tokunaga and Murachi, 1959: 273. Belau (USA).
saetula Yu, *in* Yu et al., 2005: 318. China.
sagittifera Tokunaga and Murachi, 1959: 292. Mariana Islands (USA).
salinaria de Meillon and Wirth, 1981b: 530. South Africa.
salta de Meillon and Downes, 1986: 155. South Africa.
saltensis Spinelli and Wirth, 1984d: 606. Mexico.
sanctaemariae Wirth, 1952a: 162. USA (California).
santaemarthae (Kieffer), 1917b: 306 (*Culicoides*). Colombia.
saprophila Kieffer, 1925a: 410. Germany.
scapularis (Kieffer), 1910: 189 (*Culicoides*). India.
schizothruxi Lee and Wirth, *in* Lee et al., 1989: 453. Singapore.
schumanni Navai, 1994: 379. Afghanistan.
scissurae Macfie, 1937a: 15. Trinidad and Tobago.
koenigi Delécolle and Rieb, 1994: 267. Guadeloupe.
scotti (Kieffer), 1911c: 341 (*Culicoides*). Seychelles.
scutellaris Kieffer, 1918a: 93. Turkey.
sella Yu, *in* Yu et al., 2005: 319. China.
seminigra Navai, 1994: 381. Afghanistan.
sericata (Winnertz), 1852: 34 (*Ceratopogon*). Germany.
serristernum Remm, 1967: 18. Georgia.
setigera (Kieffer), 1910: 190 (*Culicoides*). India.
setoensis Tokunaga, 1940d: 137. Japan.
sexlineata Goetghebuer, 1935d: 169. Democratic Republic of the Congo.
seychellensis (Kieffer), 1911c: 341 (*Culicoides*). Seychelles.
shannoni Ingram and Macfie, 1931a: 183. Chile.
shaoshana Yu, *in* Yu et al., 2005: 304. China.
siculla Yu and Zhao, *in* Yu et al., 2005: 201. China.
signata Goetghebuer, 1935d: 169. Democratic Republic of the Congo.
signicornecula Mazumdar and Chaudhuri, 2009a: 197. India.
similaris Remm, 1972: 77. Russia.
similinigrina Navai, 1994: 384. Afghanistan.
similis Carter, Ingram and Macfie, 1921b: 189. Ghana.
simillima (Johannsen), 1932: 423 (*Tetrastoma*). Indonesia.
simpliradialis Tokunaga, 1940d: 127. Japan.
simulator Goetghebuer, 1935d: 170. Democratic Republic of the Congo.
sinclairi Borkent, 1991: 110. Galápagos Islands (Ecuador).
skierskae Szadziewski, 1985a: 91. Algeria.

- sonorensis** Wirth, 1978: 197. Mexico.
- sorai** Wirth and Waugh, 1976: 229. Brazil.
- soutini** de Meillon and Wirth, 1987a: 38. South Africa.
- spathicerca** Wirth, 1969: 577. Galápagos Islands (Ecuador).
- speciosa** Clastrier, 1983c: 34. Seychelles.
- spiniforma** Waugh and Wirth, 1976: 243. USA (New York).
- spinula** Yu and Kong, *in* Yu et al., 2005: 296. China.
- stackelbergi** Remm, 1993: 194. Russia.
- stanislavi** Szadziewski, 1988: 230. Poland. Eocene.
- stellata** Remm, *in* Remm and Zhogolev, 1968: 831. Ukraine.
- stemlerae** Waugh and Wirth, 1976: 233. USA (Maryland).
- stenoceras** Palmer, 1957: 271. USA (California). Miocene.
- sternalis** Remm, 1980: 110. Tajikistan.
- storai** Borkent, 1997b: 14. New name for *canariensis*.
canariensis Storå, 1936: 36 (as variety of *flavoscutellata*, preoccupied by *Dasyhelea canariensis* (Santos Abreu), 1918). Canary Islands (Spain).
- strigosa** Kieffer, 1922g: 514. Algeria.
- striipennis** Tokunaga, *in* Tokunaga and Murachi, 1959: 312. Micronesia.
- suarezi** Spinelli and Ronderos, 1987: 11. Argentina.
- subaequalis** Kieffer, 1915a: 472. Germany.
- subcommunis** Yu, *in* Yu et al., 2005: 269. China.
- subehinata** Yu, Zeng, and Yuan, *in* Yu et al., 2005: 687. China.
- subflava** Yu and Hao, *in* Yu et al., 2005: 219. China.
- subgrata** Tokunaga, 1961a: 180. Indonesia.
- sublettei** Wirth, 1987: 73. USA (Texas).
- subperfidia** Tokunaga, 1940e: 174 (1940d: 117). Belau (USA).
- subscutellata** Tokunaga, 1940e: 175 (1940d: 118). Belau (USA).
- subtilis** Yu and Zhang, *in* Yu et al., 2005: 170. China.
- sudis** Yu and Qi, *in* Yu et al., 2005: 250. China.
- suntari** Remm, 1993: 195. Russia.
- surrecta** Yu and Shi, *in* Yu et al., 2005: 252. China.
- symmetria** Tokunaga, 1962a: 191. Japan.
- szegedensis** Zilahi-Sebess, 1940: 53. Hungary.
- taibei** Yu, *in* Yu et al., 2005: 233. China.
- taiwana** Tokunaga, 1940d: 119. Taiwan.
- taiwaniensis** Borkent, *in* Borkent and Wirth, 1997: 58. New name for *formosana*.
formosana Kieffer, 1922b: 157 (preoccupied by *Dasyhelea formosana* Kieffer, 1921g). Taiwan.
- tamsi** Wirth and Messersmith, 1977: 305. Seychelles.
- tarsalis** Kieffer, 1919a: 62. Hungary.
- taurica** Remm, *in* Remm and Zhogolev, 1968: 834. Ukraine.
- tenebrosa** (Coquillett), 1905: 64 (*Ceratopogon*). USA (California).
- tenerrima** Goetghebuer, 1935d: 170. Democratic Republic of the Congo.
- tenuipalpis** Yu, *in* Yu et al., 2005: 320. China.
- ternipenis** Yu and Yan, *in* Yu et al., 2005: 305. China.
- tersa** (Johannsen), 1932: 421 (*Tetrastoma*). Indonesia.
- tessicola** Remm, 1972: 74. Russia.
- thalestris** Macfie, 1935a: 55. Brazil.
- theobromatis** Wirth and Derron, 1976: 232. Sao Tomé and Príncipe.
- thienemanni** Spataru and Damian-Georgescu, 1970: 425 (as *thienemanni*). Romania.
- thompsoni** de Meillon, 1936: 202. South Africa.
- thomsenae** Wirth, 1952a: 160. USA (California).
- tianshana** Yu and Ma, 1998: 273. China.
- tibestiensis** Clastrier, Rioux and Descous, 1961: 61. Chad.
- tigalatensis** (Santos Abreu), 1918: 303 (*Culicoides*, as variety of *scutellatus*). Canary Islands (Spain).

- townesi** Tokunaga and Murachi, 1959: 267. Marshall Islands.
transvaalensis de Meillon, 1959a: 335. South Africa.
traverae Thomsen, 1935: 285. USA (New York).
triaina Yu, *in* Yu et al., 2005: 255. China.
trifasciata Kieffer, 1918a: 92. Turkey.
trigonata Mayer, 1934c: 181. Indonesia.
tristyla Wirth, 1952a: 165. USA (California).
tropica Clastrier, 1959b: 369. Senegal.
truncata Tokunaga and Murachi, 1959: 297. Belau (USA).
tshatkalensis Remm, 1980: 106. Kyrgyzstan.
tuberculata Remm, 1980: 109. Tajikistan.
tugelae de Meillon, 1936: 197. South Africa.
turanicola Remm and Nazarmukhamedov, 1969: 56. Kazakhstan.
 serrata Navai, 1994: 383. Afghanistan.
turficola Kieffer, 1925b: 152. Estonia.
 grenieri Clastrier, 1966: 703. Canary Islands (Spain).
 malibui Yu, 2008: 165. France.
tymicola Remm, 1993: 194. Russia.
uncinata Deng and Yu, *in* Yu et al., 2005: 256. China.
undosternum Remm, 1972: 77. Russia.
unguistyla Remm, 1972: 79. Russia.
unicolor Remm, 1962a: 119. Estonia.
upsilon de Meillon and Wirth, 1987a: 39. South Africa.
varicornis (Santos Abreu), 1918: 288 (*Culicoides*). Canary Islands (Spain).
velutina Remm, 1993: 193. Russia.
verdieri Huttel and Huttel, 1951: 103. France.
vidua Yu, *in* Yu et al., 2005: 171. China.
villosipes (Kieffer), 1917b: 305 (*Culicoides*). Paraguay.
viridans Forattini and Rabello, 1957: 247. Brazil.
vittata Tokunaga, 1940d: 127. Japan.
vittula Tokunaga, *in* Tokunaga and Murachi, 1959: 271. Guam (USA).
vittulae Tokunaga, 1940d: 120. Japan.
waldiae Macfie, 1937b: 77. Ethiopia.
wanlina Yu and Li, *in* Yu et al., 2005: 325. China.
williamsi Wirth and Waugh, 1976: 228. Trinidad and Tobago.
winderi Wirth and Waugh, 1976: 233. Brazil.
wirthi Clastrier, 1974c: 135. New name for *insignicornis*.
 insignicornis Clastrier, Rioux and Descous, 1961: 76 (preoccupied by *Dasyhelea insignicornis* (Kieffer), 1913e).
 Chad.
wirthicola Szadziewski, 1985a: 94. Pakistan.
wushi Ysmar and Yu, 2003: 52 (Yu and Ma, *in* Yu et al., 2005: 202). China.
xichangensis Yu, *in* Yu et al., 2005: 235. China.
yoshimurai Tokunaga, 1940d: 124. Japan.
zavreli Kieffer, 1918b: 188. Czech Republic.
zonalis Yu and Yang, *in* Yu et al., 2005: 298. China.

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TRIBE CULICOIDINI KIEFFER, 1911d: 1, 1911b: 319

Genus CULICOIDES Latreille

CULICOIDES Latreille, 1809: 251. Type species: *Culicoides punctatus* Latreille (= *Ceratopogon punctatus* Meigen), by monotypy.

- PADROSIA* Rafinesque, 1815: 130 (unnecessary new name for *Culicoides* Latreille). Type species: *Culicoides punctatus* Latreille (= *Ceratopogon punctatus* Meigen), automatic.
- OECACTA* Poey, 1853: 238. Type species: *Oecacta furens* Poey, by monotypy.
- PSYCHOPHAENA* Philippi, 1865: 628. Type species: *Psychophaena pictipennis* Philippi (= *Culicoides venezuelensis* Ortiz and Mirsa), by monotypy.
- HAEMATOMYIDIUM* Goeldi, 1905: 137. Type species: *Haematomyidium paraense* Goeldi, by original designation.
- COTOCRIPUS* Brèthes, 1912: 451. Type species: *Cotocripus caridei* Brèthes, by monotypy.
- OXYHELEA* Kieffer, 1921b: 14 (as subgenus of *Culicoides*). Type species: *Culicoides dentatus* Kieffer, by monotypy.
- DIPLOSELLA* Kieffer, 1921h: 113 (as subgenus of *Culicoides*). Type species: *Culicoides sergenti* Kieffer, by monotypy.
- HAEMOPHORUCTUS* Macfie, 1925: 349. Type species: *Haemophoructus maculipennis* Macfie, by monotypy.
- PROSAPELMA* Kieffer, 1925a: 417. Type species: *Prosapelma cinerea* Kieffer, by original designation.
- SYNHELEA* Kieffer, 1925a: 423. Type species: *Culicoides tropicalis* Kieffer, designation by Wirth et al., 1980: 160.
- HOFFMANIA* Fox, 1948: 21 (as subgenus of *Culicoides*). Type species: *Culicoides inamollae* Fox and Hoffman (= *Culicoides insignis* Lutz), by original designation.
- BELTRANMYIA* Vargas, 1953a: 34 (as subgenus of *Culicoides*). Type species: *Culicoides crepuscularis* Malloch, by original designation.
- SELFIA* Khalaf, 1954: 38 (as subgenus of *Culicoides*). Type species: *Culicoides hieroglyphicus* Malloch, by original designation.
- MONOCULICOIDES* Khalaf, 1954: 39 (as subgenus of *Culicoides*). Type species: *Ceratopogon nubeculosus* Meigen, by original designation.
- MACFIELLA* Fox, 1955: 217 (as subgenus of *Culicoides*). Type species: *Ceratopogon phlebotomus* Williston, by original designation.
- AVARITIA* Fox, 1955: 218 (as subgenus of *Culicoides*). Type species: *Ceratopogon obsoletus* Meigen, by original designation.
- TRITHECOIDES* Wirth and Hubert, 1959: 2 (as subgenus of *Culicoides*). Type species: *Culicoides flaviscutatus* Wirth and Hubert, by original designation.
- ANILOMYIA* Vargas, 1960: 37 (as subgenus of *Culicoides*). Type species: *Culicoides covagarciai* Ortiz, by original designation.
- DRYMODESMYIA* Vargas, 1960: 40 (as subgenus of *Culicoides*). Type species: *Culicoides copiosus* Root and Hoffman, by original designation.
- DIPHAOMYIA* Vargas, 1960: 40 (as subgenus of *Culicoides*). Type species: *Culicoides baueri* Hoffman, by original designation.
- GLAPHIROMYIA* Vargas, 1960: 41 (as subgenus of *Culicoides*). Type species: *Culicoides scopus* Root and Hoffman, by original designation.
- MATAEMYIA* Vargas, 1960: 43 (as subgenus of *Culicoides*). Type species: *Culicoides mojingaensis* Wirth and Blanton, by original designation.
- MEIJEREHELEA* Wirth and Hubert, 1961: 23 (as subgenus of *Culicoides*). Type species: *Ceratopogon guttifer* de Meijere, by original designation.
- PONTOCULICOIDES* Remm, in Remm and Zhogolev, 1968: 840 (as subgenus of *Culicoides*). Type species: *Culicoides tauricus* Gutsevich, by original designation.
- CALLOTIA* Vargas and Kremer, 1972: 242 (as subgenus of *Culicoides*). Type species: *Culicoides saevus* Kieffer, by original designation.
- WIRTHOMYIA* Vargas, 1973: 112 (as subgenus of *Culicoides*). Type species: *Culicoides segnis* Campbell and Pelham-Clinton, by original designation.
- SENSICULICOIDES* Shevchenko, 1977: 133 (as subgenus of *Culicoides*). Type species: *Ceratopogon pictipennis* Staeger, by original designation.
- REMMIA* Glukhova, 1977: 116 (as subgenus of *Culicoides*). Type species: *Ceratopogon schultzei* Enderlein, by original designation.
- SILVATICULICOIDES* Glukhova, 1977: 117 (as subgenus of *Culicoides*). Type species: *Ceratopogon fascipennis* Staeger, by original designation.
- NEOCULICOIDES* Boorman and Lane, 1979: 327 (preoccupied by *Neoculicoides* Pierce, 1966). Type species: *Neoculicoides taylori* Boorman and Lane, by original designation.
- NULLICELLA* Lee, 1982: 165 (as subgenus of *Culicoides*). Type species: *Culicoides lasaensis* Lee, (by original designation).

- SINOCOIDES* Chu, 1983: 26 (as subgenus of *Culicoides*). Type species: *Culicoides hamiensis* Chu, Qian and Ma, by original designation.
- JILINOCOIDES* Chu, 1983: 28 (as subgenus of *Culicoides*). Type species: *Culicoides dunhuaensis* Chu, by original designation.
- STIGMOCULICOIDES* Isaev, 1988: 15 (as subgenus of *Culicoides*). Type species: *Culicoides stigma* (Meigen), by original designation.
- AMOSOVIA* Glukhova, 1989: 226 (as subgenus of *Culicoides*). Type species: *Culicoides dendrophilus* Amosova, by original designation.
- SILVICOLA* Mirzaeva and Isaev, 1990: 98 (as subgenus of *Culicoides*). Type species: *Culicoides grisescens* Edwards, by original designation.
- TOKUNAGAHELEA* Dyce and Meiswinkel, 1995: 131 (as subgenus of *Culicoides*). Type species: *Culicoides mikros* Dyce and Meiswinkel, by original designation.
- FASTUS* Liu, in Yu et al., 2005: 1196 (as subgenus of *Culicoides*). Type species: *Culicoides alpigenus* Yu and Liu, by original designation.
- MARKSOMYIA* Bellis and Dyce, 2011: 36 (as subgenus of *Culicoides*). Type species: *Culicoides marksii* Lee and Reye, by original designation.

- abbreviatipennis** Statz, 1944: 142. Germany. Oligocene.
- abchazicus** Dzhafarov, 1964: 263. Georgia.
- absitus** Liu and Yu, 1990: 20. China.
- acanthostomus** Wirth and Hubert, 1989: 92. Malaysia.
- accraensis** Carter, Ingram and Macfie, 1920: 241. Ghana.
- achrayi** Kettle and Lawson, 1955: 37. Great Britain.
- acotylus** Lutz, 1913: 69. Brazil.
panamericanus Fox, 1947: 90. Mexico.
- actoni** Smith, 1929: 255 (1932: 180). India.
okumensis Arnaud, 1956a: 119. Japan.
imperceptus Das Gupta, 1962a: 538. India.
- adamskii** Wirth, 1990: 242. Aldabra (Seychelles).
- adersi** Ingram and Macfie, 1923: 56. Kenya and Tanzania.
- africanus** Clastrier, 1959a: 186. Senegal.
- agamus** Borkent, 1995: 63. Canada (Manitoba). Upper Cretaceous.
- agas** Wirth and Hubert, 1989: 438. Indonesia.
- aitkeni** Wirth and Blanton, 1968a: 214. Trinidad and Tobago.
- alachua** Jamnback and Wirth, 1963: 187. USA (Florida).
- alahialinus** Barbosa, 1952: 11 (1953: 12). Ecuador.
- alaskensis** Wirth, 1951a: 84. USA (Alaska).
- alatavicus** Gutsevich and Smatov, in Smatov and Isimbekov, 1971: 61. New name for *fuscus*.
fuscus Gutsevich and Smatov, 1966: 71 (preoccupied by *Culicoides fuscus* Goetghebuer, 1952). Kazakhstan.
- alazanicus** Dzhafarov, 1961b: 75. Azerbaijan.
musilator Kremer and Callot, 1961: 693. France.
- albibasis** Wirth and Hubert, 1959: 31. Malaysia.
- albicans** (Winnertz), 1852: 41 (*Ceratopogon*). Germany.
- albifascia** Tokunaga, 1937a: 319. Taiwan.
- albipennis** Kieffer, 1919a: 32. France.
- albomaculus** Root and Hoffman, 1937: 164. Mexico.
- albobunctatus** Clastrier, 1960a: 84. Congo.
- albosparsus** Kieffer, 1918a: 52. Ethiopia.
- albovenosus** Khamala and Kettle, 1971: 53. Uganda.
neoangolensis Kremer, 1972: 83. Angola.
- albuquerquei** Wirth and Blanton, 1973: 424. Brazil.
- alexanderi** Wirth and Hubert, 1962: 190. USA (Massachusetts).
pseudopiliferus Wirth and Hubert, 1962: 189. USA (Maryland).
- alexandrae** Dzhafarov, 1962a: 211. Azerbaijan.

algeriensis Clastrier, 1957: 426. Algeria.
alishanensis Chen, 1983: 80 (1988: 151). China.
allantothecus Wirth and Hubert, 1989: 121. Malaysia.
almeidae Cambournac, 1970b: 251. Portugal.
almirantei Wirth and Blanton, 1959: 454. Panama.
alpicola (Strobl), 1910: 263 (*Ceratopogon*, as variety of *oculatus*). Austria.
alpigenus Yu and Liu, *in* Yu et al., 2005: 1197. China.
altaicus Remm, 1972: 80. Russia.
alticola Kieffer, 1913e: 11. Tanzania.
alvarezi Ortiz, 1957: 161. Venezuela.
amaniensis Khamala and Kettle, 1971: 25. Tanzania.
ambericus Szadziewski and Grogan, 1998a: 40. Dominican Republic. Miocene.
ameliae Browne, 1980: 543. Colombia.
amossovae Remm, 1971: 205. Russia.
analis Santos Abreu, 1918: 297. Canary Islands (Spain).
andicola Wirth and Lee, 1967: 5. Colombia.
andinus Wirth and Lee, 1967: 17. Colombia.
andrewsi Causey, 1938: 410. Thailand.
angkaensis Kitaoka, Takaoka and Choochote, 2005: 285. Thailand.
angolensis Caeiro, 1961: 289. Angola.
annandalei Majumdar and Das Gupta, *in* Gangopadhyay and Das Gupta, 2000: 125. India.
annettae Spinelli and Borkent, 2004a: 365. Costa Rica.
annosus Borkent, 1995: 65. Canada (Manitoba). Upper Cretaceous.
annuliductus Wirth, *in* Vitale et al., 1981: 150. Panama.
anophelis Edwards, 1922: 161. Malaysia and India.
antefurcatus Wirth and Blanton, 1959: 315. Panama.
antennalis Lee and Reye, 1953: 386. Australia (New South Wales).
anthropophygus Yu and Liu, *in* Yu et al., 2005: 892. China.
antilleanus Szadziewski and Grogan, 1998a: 40. Dominican Republic. Miocene.
antioquiensis Spinelli, Santamaría, Cabrera, Ronderos and Suárez, 2009: 82. Colombia.
antunesi Forattini, 1954b: 315. Brazil.
aomoriensis Kitaoka, 1991: 289. Japan.
arabiensis Boorman, 1989: 173. Oman.
aragaoi Tavares and Luna Dias, 1980: 393. Brazil.
arakawai (Arakawa), 1910: 411 (*Ceratopogon*, as *arakanae*). Japan.
sugimotoi Shiraki, 1913: 286. Taiwan.
alboguttatus Kieffer, 1921g: 563. Taiwan.
shimai (Sasaki), 1928: 687 (*Ceratopogon*). Japan.
daleki Smith and Swaminath, 1932: 185. India.
micropunctatus Tokunaga, 1951: 105. Indonesia.
niigataensis Takahashi, 1958: 115 (as variety of *arakawae*). Japan.
arboreus Gutsevich, 1952: 90. Russia.
arboricola Root and Hoffman, 1937: 166. USA (Maryland).
archboldi Wirth and Blanton, 1970b: 39. Dominica.
ardentissimus Tokunaga, 1940a: 216. Micronesia.
ardleyi Tokunaga, 1962b: 474. Papua New Guinea.
arenarius Edwards, 1922: 164. Somalia.
arenicola Howarth, 1985: 79. Laos.
aricola Kieffer, 1922f: 391. Austria.
arizonensis Wirth and Hubert, 1960a: 655. USA (Arizona).
arnaudi Hubert and Wirth, 1961: 238. Japan.
arubae Fox and Hoffman, 1944: 109. Netherlands Antilles (Netherlands).
asiaticus Gutsevich and Smatov, 1966: 75. Kazakhstan.
atchleyi Wirth and Blanton, 1969a: 559. USA (Alaska).

- atelis** Wirth, 1982b: 249. Panama.
- aterinervis** Tokunaga, 1937a: 312. Japan.
- atratus** Statz, 1944: 147. Germany. Oligocene.
- atripalpis** Wirth and Blanton, 1973: 325. Brazil.
- atripennis** Shevchenko, 1972: 77. Ukraine.
- aureus** Ortiz, 1951c: 585. Venezuela.
miyamotoi Wirth and Blanton, 1953b: 231. Panama.
- austeni** Carter, Ingram and Macfie, 1920: 261. Ghana.
- austerus** Statz, 1944: 144. Germany. Oligocene.
- australiensis** Kieffer, 1917a: 188. Papua New Guinea.
- austropalpalis** Lee and Reye, 1955: 240. New name for *palpalis*.
palpalis Lee and Reye, 1953: 380 (preoccupied by *Culicoides palpalis* Macfie, 1948). Australia (Queensland).
- austroparaensis** Spinelli, in Spinelli et al., 2005: 141. Argentina.
- autumnalis** Sen and Das Gupta, 1959a: 628. India.
- avilaensis** Ortiz and Mirsa, 1951: 593. Venezuela.
- azerbajdzhanicus** Dzhafarov, 1962a: 211. Azerbaijan.
- azureus** Wirth and Blanton, 1959: 377. Panama.
- badooshensis** Khalaf, 1961: 460. Iraq.
- bahiensis** Barbosa, 1947: 11. Brazil.
- bahrainensis** Boorman, 1989: 177. Bahrain.
- baisasi** Wirth and Hubert, 1959: 12. Philippines.
- bajensis** Wirth and Moraes, 1979: 291. Mexico.
- bakeri** Vargas, 1954: 27. Mexico.
- balsapambensis** Ortiz and León, 1955: 569 (as variety of *pifanoi*). Ecuador.
- balticus** Szadziewski, 1988: 41. Poland. Eocene.
- bambusicola** Lutz, 1913: 62. Brazil.
- bancrofti** Lee and Reye, 1953: 387. Australia (New South Wales).
- baniwa** Felipe-Bauer, in Felipe-Bauer, et al., 2009: 852. Brazil.
- barbosai** Wirth and Blanton, 1956a: 161. Panama.
- barnetti** Wirth and Hubert, 1959: 32. Malaysia.
- barrosmachadoi** Callot, Kremer and Molet, 1967: 39. Angola.
- barthi** Tavares and Souza, 1978: 619. Brazil.
- bassetorum** Callot, Kremer and Molet, 1973: 378. Lesotho.
- batesi** Wirth and Blanton, 1973: 426. Brazil.
sanmartini Wirth and Barreto, 1978: 553. Colombia.
- baueri** Hoffman, 1925: 297. USA (Maryland).
- bayano** Wirth, in Vitale et al., 1981: 152. Panama.
- beaveri** Wirth and Barreto, 1978: 557. Colombia.
- beckae** Wirth and Blanton, 1967: 213. USA (Florida).
- bedfordi** Ingram and Macfie, 1923: 57. South Africa.
- begueti** Clastrier, 1957: 432. Algeria.
- belemensis** Wirth and Blanton, 1973: 427. Brazil.
- belgicus** Kieffer, 1919a: 43. Belgium.
- belkini** Wirth and Arnaud, 1969: 509. French Polynesia (France).
- benarrochi** Ortiz and Mirsa, 1952b: 126 (as *benarrochei*). Venezuela.
- bergi** Cochrane, 1973: 311. USA (New York).
- bermudensis** Williams, 1956: 298. Bermuda (Great Britain).
- bernardae** Itoua and Cornet, 1986: 244. Congo.
- besscus** Liu and Yu, 1990: 15. China.
- beybienkoi** Dzhafarov, 1962b: 183. Azerbaijan.
- biarcuatus** Vimmer, 1932: 137. Israel.
- bickleyi** Wirth and Hubert, 1962: 188. USA (Maryland).
- bicornus** Liu and Yu, in Yu et al., 2005: 1288. China.
- bipalus** Yu, 1991: 52. New name for *biclavatus*.

- biclavatus* Deng and Yu, in Zhang et al., 1990: 27 (preoccupied by *Culicoides biclavatus* Kieffer, 1924a). China.
- bicolor** Statz, 1944: 146. Germany. Oligocene.
- bicultellus** Yu and Liu, 1990: 3. China.
- biestroi** Spinelli and Ronderos, 1991: 86. Argentina.
- bifidus** Borkent, 1996: 19. USA (New Jersey). Upper Cretaceous.
- bigeminus** Wirth and Hubert, 1989: 336. Malaysia.
- biguttatus** (Coquillett), 1901a: 604 (*Ceratopogon*). USA (District of Columbia).
- bilobatus** Kieffer, 1912c: 6. Sri Lanka.
- bimaculatus** Floch and Abonnenc, 1942b: 3. French Guiana.
- biscapus** Kieffer, 1925a: 418. Vietnam.
- bisignatus** Kieffer, 1921b: 14. Cameroon.
- bisolis** Kremer and Brunhes, 1973: 287. Madagascar.
- blantoni** Vargas and Wirth, 1955: 33. Mexico.
- bodemensis** Clastrier and Delécolle, 1996: 302. Indonesia.
- bodenheimeri** Vimmer, 1932: 138. Israel.
- bolitinos** Meiswinkel, 1989: 30. South Africa.
- boliviensis** Spinelli and Wirth, 1984a: 172. Bolivia.
- boophagus** Macfie, 1937c: 116. Malaysia.
- boormani** Giles and Wirth, 1985: 365. Malaysia.
- borinqueni** Fox and Hoffman, 1944: 110. Puerto Rico (USA).
- bottimeri** Wirth, 1955: 356. USA (Texas).
multidentatus Atchley and Wirth, 1975: 1421. USA (California).
- bougainvillae** Tokunaga, 1962b: 492. Papua New Guinea.
- boydi** Wirth and Mullens, 1992: 1006. USA (California).
- brachcordylus** Liu and Zhao, in Yu et al., 2005: 1290. China.
- brasilianum** Forattini, 1956a: 81. Brazil.
- bređini** Wirth and Blanton, 1970b: 41. Dominica.
- brevipalpis** Delfinado, 1961: 654. Philippines.
- brevipenis** Mai and Yu, in Hao et al., 1990: 42. China.
- brevitarsis** Kieffer, 1917a: 187. Australia.
robertsi Lee and Reye, 1953: 386. Australia (Queensland).
radicitus Delfinado, 1961: 657. Philippines.
superfulvus Das Gupta, 1962b: 253. India.
- bricenoi** Ortiz, 1951a: 445. Venezuela.
- brinchangensis** Wirth and Hubert, 1989: 190. Malaysia.
- brodzinskyi** Szadziewski and Grogan, 1998a: 40. Dominican Republic. Miocene.
- bromophilus** Kieffer, 1922f: 391. Austria.
- brookmani** Wirth, 1952a: 179. USA (California).
- brosseti** Vattier and Adam, 1966a: 297. Gabon.
- brownei** Spinelli, in Spinelli et al., 1993: 24. Colombia.
- brucei** Austen, 1909: 282. Uganda.
pseudopulicaris Goetghebuer, 1935d: 173. Democratic Republic of the Congo.
hirtius de Meillon and Lavoipierre, 1944: 58. South Africa.
- brunnicans** Edwards, in Edwards et al., 1939: 43. Great Britain.
- bubalus** Delfinado, 1961: 658. Philippines.
- buettikeri** Boorman, 1989: 179. Oman.
- buhetoensis** Takahasi, 1941: 81. China.
- bullus** Borkent, 1995: 61. Canada (Alberta). Upper Cretaceous.
- bundyensis** Lee and Reye, 1955: 239. Australia (New South Wales).
- bunrooensis** Lee and Reye, 1955: 238. Australia (Queensland).
- burylovae** Glukhova and Khabirov, 1977: 52 (as *burylovi*). Tajikistan.
- butleri** Wirth and Hubert, 1960a: 650. USA (Arizona).
- bwambanus** de Meillon, 1952: 173. Uganda.
- byersi** Atchley, 1967: 983. USA (New Mexico).

- cacticola** Wirth and Hubert, 1960a: 653. USA (California).
- calcaratus** Wirth and Hubert, 1989: 157. Malaysia.
- caldasi** Browne, 1980: 535. Colombia.
- calexicanus** Wirth and Rowley, 1971: 156. USA (California).
- californiensis** Wirth and Blanton, 1967: 215. USA (California).
- caliginosus** Goetghebuer, 1952: 2. Belgium.
- calloti** Kremer, Delécolle, Bailly-Choumara and Chaker, 1979: 195. Morocco.
- cambodiensis** Chu, 1986: 253. Cambodia.
- cameronensis** Kitaoka, 1983: 94. Malaysia.
- cameroni** Campbell and Pelham-Clinton, 1960: 222. Great Britain.
- camicasi** Cornet and Chateau, 1971: 160. Senegal.
- camposi** Ortiz and León, 1955: 569. Ecuador.
fairchildi Wirth and Blanton, 1955a: 102. Panama.
- canadensis** (Boesel), 1937: 47 (*Atrichopogon*). Canada (Manitoba). Upper Cretaceous.
- cancer** Hogue and Wirth, 1968: 2. Costa Rica.
- cancrisocius** Macfie, 1946: 15. Fiji.
- capillosus** Borkent, *in* Borkent and Wirth, 1997:64. New name for *hirtus*.
hirtus Xue and Yu, *in* Zhang et al., 1990: 30 (preoccupied by *Culicoides hirtus* de Meillon and Lavoipierre, 1944).
China.
- capricorniae** Dyce and Wirth, 1997: 586. Australia (Queensland).
- caprilesi** Fox, 1952: 364. Venezuela.
kintzi Wirth and Blanton, 1953a: 72. Panama.
- caridei** (Brèthes), 1912: 451 (*Cotocripus*). Argentina.
setifer (Lutz), 1913: 64 (*Centrorhynchus*). Brazil.
- carpenteri** Wirth and Blanton, 1953a: 72. Panama.
- carpophilus** Wirth and Hubert, 1989: 196. Malaysia.
- carri** Pierce, 1966: 91. USA (California). Miocene.
- carsiomelas** Wirth and Blanton, 1955a: 100. Panama.
- carvalhoi** Wirth and Blanton, 1973: 429. Brazil.
- casei** Grogan and Szadziewski, 1988: 809. USA (New Jersey). Upper Cretaceous.
- cassideus** Zhang and Yu, *in* Zhang et al., 1990: 27. China.
- castillae** Fox, 1946a: 251. Honduras.
gibsoni Wirth, 1952d: 246. Guatemala.
flochabonnenci Ortiz and Mirsa, 1952a: 267. Venezuela.
- cataneii** Clastrier, 1957: 438. Algeria.
- catharinae** Kremer, Delécolle and Braverman, 1991: 151. Egypt.
- caucaensis** Wirth and Lee, 1967: 19. Colombia.
- caucoliberensis** Callot, Kremer, Rioux and Descous, 1967: 827. France.
- causeyi** Majumdar and Das Gupta, *in* Gangopadhyay and Das Gupta, 2000: 127. India.
- cavaticus** Wirth and Jones, 1956: 166. USA (California).
- ceranowiczi** Szadziewski, 1988: 45. Poland. Eocene.
- certus** Das Gupta, 1962a: 537. India.
- ceylanicus** Kieffer, 1912c: 5. Sri Lanka.
- chacoensis** Spinelli and Wirth, 1984a: 174. Argentina.
- chagyabensis** Lee, 1982: 169. China.
- changbaiensis** Qu and Ye, 1995:95. China.
- charadraeus** Arnaud, 1956a: 97. Japan.
- charruus** Spinelli and Martinez, 1992: 176. Uruguay.
- chateaui** Cornet, 1970: 357. Senegal.
- chaverrii** Spinelli and Borkent, 2004a: 373. Costa Rica.
- chazeaui** Clastrier and Delécolle, 1996: 300. Wallis and Futuna Islands (France).
- cheahi** Kitaoka, 1983: 92. Malaysia.
- chengduensis** Zhou and Lee, 1984a: 222. China.
- cheni** Kitaoka and Tanaka, 1985: 43. Taiwan.

- chewaclae** Glick and Mullen, 1983: 378. USA (Alabama).
- choochotei** Kitaoka and Takaoka, *in* Kitaoka et al, 2005: 287. Thailand.
- chiopterus** (Meigen), 1830: 263 (*Ceratopogon*). Europe.
amoenus (Winnertz), 1852: 35 (*Ceratopogon*). Germany.
similis (Goetghebuer), 1927a: 203 (*Monohalea*, preoccupied by *Culicoides similis* Carter, Ingram and Macfie, 1920). Belgium.
dobyi Callot and Kremer, 1969a: 610. France.
- chitinosus** Gutsevich and Smatov, 1966: 67. Kazakhstan.
- chrysonotus** Wirth and Blanton, 1956b: 226. Panama.
- cilipes** Kieffer, 1921d: 275. Latvia.
- cinereus** (Kieffer), 1925a: 417 (*Prosapelma*). Slovak Republic.
- circumbasalis** Tokunaga, 1959: 232. Indonesia.
praesignis Delfinado, 1961: 652. Philippines.
- circumscriptus** Kieffer, 1918a: 49. Tunisia.
nadayanus Kieffer, 1918a: 95. Turkey.
edwardsi Goetghebuer, 1921: 177. Belgium.
algarum Kieffer, 1924a: 18. Germany.
salicola Kieffer, 1924b: 405. Norway.
pictidorsum Kieffer, 1924b: 406 (as variety of *salicola*). Norway.
albonotatus Vimmer, 1932: 133 (preoccupied by *Culicoides albonotatus* Kieffer, 1918a). Israel.
albosignatus Vimmer, 1932: 135. Israel.
polymaculatus Vimmer, 1932: 135. Israel.
pulcher Zilahi-Sebess, 1934: 155 (misspelled as *pulscher*). Bulgaria.
kirovabadicus Dzhafarov 1964: 228. Azerbaijan.
matsuensis Lien, Weng and Lin, 1996: 20 (valid subspecies of *circumscriptus*). Taiwan.
meridionalis Xue, Liu and Yu, 2003: 112 (valid subspecies of *circumscriptus*). China.
- citroneus** Carter, Ingram and Macfie, 1920: 259. Ghana.
- claggi** Tokunaga, *in* Tokunaga and Murachi, 1959: 338. Bonin Islands.
- clarkei** Carter, Ingram and Macfie, 1920: 246. Ghana.
- clastrieri** Callot, Kremer and Deduit, 1962: 156. France.
- clavipalpis** Mukerji, 1931: 1052. India.
candidus Sen and Das Gupta, 1959a: 620. India.
- cleaves** Liu, 1995: 9. China.
- clintoni** Boorman, 1984: 164. Great Britain.
- clivus** Yu and Liu, 1990: 3. China.
- coarctatus** Clastrier and Wirth, 1961b: 312. Nigeria.
- cochisensis** Wirth and Blanton, 1967: 216. USA (Arizona).
- cockerellii** (Coquillett), 1901a: 603 (*Ceratopogon*). USA (Colorado).
- combinothecus** Yu and Liu, *in* Yu et al., 1986: 211. China.
- commatis** Wirth and Blanton, 1959: 321. Panama.
- comparis** Liu and Yu, *in* Yu et al., 2005: 917. China.
- comosioculatus** Tokunaga, 1956: 121. Japan.
chaetophthalmus Amosova, 1957: 237. Russia.
caucasicus Sergejev, 1959: 203 (as subspecies of *chaetophthalmus*). Russia.
setosus Gutsevich, 1960: 106. Ukraine.
- conaensis** Liu and Yu, 1990: 19. China.
- concatervans** Liu and Yu, *in* Yu et al., 2005: 826. China.
- confusus** Carter, Ingram and Macfie, 1920: 250. Ghana.
- congolensis** Clastrier, 1960a: 98. Congo.
- continualis** Qu and Liu, 1982: 102. China.
- contubernalis** Ortiz and León, 1955: 574 (as variety of *rozeboom*). Ecuador.
- copiosus** Root and Hoffman, 1937: 171. Mexico.
- coracinus** Borkent, *in* Borkent and Wirth, 1997:65. New name for *niger*.
niger Tokunaga, 1941b: 98 (as *nigrus*, as variety of *arcuatus*, preoccupied by *Culicoides niger* Root and Hoffman,

- 1937). China.
- cordiformis** Kieffer, 1927: 61. Estonia.
- cordiger** Macfie, 1934c: 193. Malaysia.
magnesianus Lee and Reye, 1953: 385. Australia (Queensland).
- corneti** Kremer, 1972: 92. Angola.
- corniculus** Liu and Qu, 1981: 419. China.
apiculatus Yu and Zhang, *in* Yu, 1988: 134. China.
- cornutus** de Meillon, 1937b: 332. South Africa.
- coronalis** Lee and Reye, 1955: 234. Australia (Queensland).
- corsicus** Kremer, Leberre and Beaucournu-Saguez, 1971: 655. France.
- corsoni** Ingram and Macfie, 1921: 324. Ghana.
- corti** Causey, 1938: 411. Thailand.
- costalis** Tokunaga, 1963b: 132. Papua New Guinea.
- couthoi** Barretto, 1944: 96. Brazil.
- covagarciai** Ortiz, 1950b: 457. Venezuela.
beebei Fox, 1952: 366. Venezuela.
- crassipilosus** Tokunaga, 1937a: 276. Japan.
balius Arnaud, 1956a: 96. Japan.
- crassus** Tokunaga, 1962b: 508. Papua New Guinea.
- crepuscularis** Malloch, 1915a: 303. USA (Illinois).
- crescentis** Wirth and Blanton, 1959: 317. Panama.
- crucifer** Clastrier, 1968: 85. French Guiana.
- cuiabai** Wirth, 1982b: 250. Brazil.
- culiciphagus** Wirth and Hubert, 1959: 11. Solomon Islands.
- cummingi** Spinelli and Borkent, 2004a: 379. Costa Rica.
- cunctans** (Winnertz), 1852: 42 (*Ceratopogon*). Germany.
- cuniculus** Lee and Reye, 1953: 389. Australia (Queensland).
- cylindricornis** Wirth and Blanton, 1973: 430. Brazil.
- cylindripalpis** Wirth and Hubert, 1989: 98. Malaysia.
- daedaloides** Wirth and Blanton, 1959: 330. Panama.
- daedalus** Macfie, 1948: 83. Mexico.
- dalessandroi** Wirth and Barreto, 1978: 556. Colombia.
- damnosus** Delfinado, 1961: 642. Philippines.
- dampfi** Root and Hoffman, 1937: 169. Mexico.
- darlingtonae** Wirth and Blanton, 1971a: 39. Trinidad and Tobago.
- dasyheleiformis** Szadziewski, 1988: 36. Baltic region. Eocene.
- dasyophrus** Macfie, 1940d: 27. Guyana.
- dasyops** Clastrier, 1958b: 217. Senegal.
- davidi** Spinelli, *in* Spinelli et al., 1993: 30. Colombia.
- daviesi** Wirth and Blanton, 1968b: 251. Guyana.
- davisi** Wirth and Rowley, 1971: 157. USA (Washington).
- deanei** Felipe-Bauer and Wirth, 1987: 416. Brazil.
- debilipalpis** Lutz, 1913: 60. Brazil.
khalafi Beck, 1957: 104. USA (Florida).
iches Ronderos and Spinelli, 1995b: 77. Argentina.
- decor** (Williston), 1896: 281 (*Ceratopogon*). St. Vincent.
- definitus** Sen and Das Gupta, 1959a: 622. India.
- defoliarti** Atchley and Wirth, 1979: 527. USA (Arizona).
- dekeyseri** Clastrier, 1958b: 214. Senegal.
- delfinadoae** Wirth and Hubert, 1989: 386. Malaysia.
- deltus** Edwards, *in* Edwards et al., 1939: 48. Great Britain.
lupicaris Downes and Kettle, 1952: 76. Great Britain.
- dendrophilus** Amosova, 1957: 240. Russia.
reesi Bullock and Akiyama, 1959: 24. Japan.

- denisae** Clastrier, 1971: 290. French Guiana.
- denisoni** Boorman, 1988: 152. Greece.
- denningi** Foote and Pratt, 1954: 20. Canada (Saskatchewan).
- dentatus** Kieffer, 1921b: 13. Cameroon.
- denticulatus** Wirth and Hubert, 1962: 193. USA (Wisconsin).
- dentiformis** McDonald and Lu, 1972: 403. Taiwan.
- derisor** Callot and Kremer, 1965: 330. France.
- desertorum** Gutsevich, 1959: 675. Turkmenistan and Uzbekistan.
pictus Khalaf, 1961: 455. Iraq.
brevifrontis Smatov and Isimbekov, 1971: 62. Kazakhstan.
oxianus Smatov, in Smatov and Kravets, 1976: 282. Kazakhstan.
- desytoculus** Liu and Zhao, 1998: 10. China.
- dewulfi** Goetghebuer, 1936: 320. Belgium.
pseudochiopterus Downes and Kettle, 1952: 67. Great Britain.
- diabolicus** Hoffman, 1925: 294. Panama.
- diamouanganai** Itoua and Cornet, 1986: 237. Congo.
- dicrourus** Wirth and Blanton, 1955b: 123. Panama.
- diffusus** Spinelli, in Spinelli et al., 1993: 34. Brazil.
- digitalis** Remm, 1973: 178. Mongolia.
- dikhros** Tokunaga, 1962b: 507. Papua New Guinea.
- dingriensis** Yu and Liu, in Yu et al., 2005: 1056. China.
- discrepans** Ortiz and Mirsa, 1951: 595. Venezuela.
- dispar** Clastrier, 1959a: 175. Senegal.
- dispersus** Gutsevich and Smatov, 1966: 76. Kazakhstan.
- distinctipalpis** Majumdar and Das Gupta, in Gangopadhyay and Das Gupta, 2000: 128. India.
- distinctipennis** Austen, 1912: 101. Nigeria.
multiguttatus (Goetghebuer), 1935d: 156 (*Forcipomyia*). Democratic Republic of the Congo.
- distinctus** Sen and Das Gupta, 1959a: 618. India.
- diversus** Felipe-Bauer, in Felipe-Bauer, et al., 2003: 1052. Peru.
- divisus** Wirth and Hubert, 1989: 198. Malaysia.
- doeringae** Atchley, 1967: 1014. USA (New Mexico).
- dominicanus** Wirth and Blanton, 1970d: 146. Dominica.
- donggangensis** Liu, Zhou and Wu, 2007:211. China.
- downesi** Wirth and Hubert, 1962: 186. Canada (Ontario).
- dryadeus** Wirth and Hubert, 1972: 41. Malaysia.
- duartei** Tavares and Luna Dias, 1980: 395. Brazil.
- dubiosum** Dyce and Wirth, 1997: 591. Australia (Queensland).
- dubitatus** Kremer, Rebholtz-Hirtzel and Delécolle, 1976: 233. Angola.
- dubius** Arnaud, 1956a: 100. Japan.
- duddingstoni** Kettle and Lawson, 1955: 42. Great Britain.
- dukinensis** Mirzaeva, 1985: 98. Russia.
- dumdumi** Sen and Das Gupta, 1959a: 628. India.
- dungunensis** Wirth and Hubert, 1989: 125. Malaysia.
- dunhuaensis** Chu, 1983: 28. China.
- dunni** Wirth and Blanton, 1959: 328. Panama.
- duodenarius** Kieffer, 1922b: 157. Taiwan.
- dureti** Ronderos and Spinelli, 1995a: 59. Paraguay.
- dutoiti** de Meillon, 1943: 100. South Africa.
vagus Cornet and Chateau, 1971: 156. Senegal.
- dycei** Lee and Reye, 1953: 390. Australia (New South Wales).
- dzhafarovi** Remm, 1967: 25. Azerbaijan.
dzhafarovi Callot, Kremer, Molet and Bach, 1968: 95. France.
- eadsii** Wirth and Blanton, 1971a: 37. USA (Texas).
- edeni** Wirth and Blanton, 1974a: 23. USA (Florida).

- efferus** Fox, 1952: 365. Peru.
- effusus** Delfinado, 1961: 658. Philippines.
- elbeli** Wirth and Hubert, 1959: 27. Malaysia.
- eldridgei** Wirth and Barreto, 1978: 561. Colombia.
- elemae** Pappas and Pappas, 1989: 228. USA (Nebraska).
- elizabethae** Dyce and Wirth, 1997: 584. Papua New Guinea.
- elongatulus** Statz, 1944: 143. Germany. Oligocene.
- elongatus** Chu and Liu, 1978: 83. China.
- elutus** Macfie, 1948: 75. Mexico.
- enderleini** Cornet and Brunhes, 1994: 157. Senegal.
- engubandei** de Meillon, 1937b: 337. South Africa.
- eoselficus** Szadziewski, 1988: 43. Poland. Eocene.
- equatoriensis** Barbosa, 1952: 13 (1953: 14) (as variety of *debilipalpis*). Ecuador.
- erairai** Kono and Takahasi, 1940: 70. Japan.
- eremicus** Yu and Liu, *in* Yu et al., 2005: 1296. China.
- erikae** Atchley and Wirth, 1979: 532. USA (New Mexico).
- eriodendroni** Carter, Ingram and Macfie, 1920: 250. Ghana.
- erkaensis** Yu and Yang, *in* Yu, 1988: 135. China.
- esakii** Esaki, 1939: 234. Micronesia.
esakii Tokunaga, 1940a: 217. Micronesia.
- espinolai** Felipe-Bauer and Lourenco-de-Oliveira, 1987: 149. Brazil.
- estevezae** Ronderos and Spinelli, 1994: 47. Argentina.
- eublepharus** Macfie, 1948: 86. Guyana.
transferrans Ortiz, 1953a: 801. Venezuela.
- evansi** Wirth and Blanton, 1959: 342. Panama.
- eupurus** Dyce and Wirth, 1997: 582. Indonesia.
- excavatus** Khamala and Kettle, 1971: 24. Uganda.
- expallens** Remm, 1973: 176. Mongolia.
- expectator** Clastrier, 1959a: 177. Senegal.
- fadzili** Kitaoka, 1983: 97. Malaysia.
- faghihi** Navai, 1971: 199. Iran.
- fagineus** Edwards, *in* Edwards et al., 1939: 147. Great Britain.
- farri** Wirth and Blanton, 1970d: 148. Jamaica.
- fascipennis** (Staeger), 1839: 594 (*Ceratopogon*). Denmark.
distictus Kieffer, *in* Thienemann and Kieffer, 1916: 492. Sweden.
albonotatus Kieffer, 1918a: 94. Turkey.
turficola Kieffer, 1925b: 155. Estonia.
- felippebauerae** Spinelli, *in* Spinelli et al., 2007: 660. Brazil.
- fernandezi** Ortiz, 1954: 223. Venezuela.
- fernandoi** Tavares and Sousa, 1979: 611. Brazil.
- ferreyrai** Ronderos and Spinelli, 1995a: 61. Argentina.
- festivipennis** Kieffer, 1914a: 235. Germany.
odibilis Austen, 1921: 114. Israel.
winnertzi Edwards, 1926a: 406. Germany.
- fieldi** Wirth and Blanton, 1956c: 50. Honduras.
- filamentis** Liu, Yan and Liu, 1996: 34. China.
- filariferus** Hoffman, 1939: 172. Mexico.
- filicinus** Gornostaeva and Gachegova, 1972: 522. Russia.
- filiductus** Wirth, *in* Vitale et al., 1981: 155. Panama.
- filipalpis** Remm, 1976b: 111. Russia. Upper Cretaceous.
- firuzae** Dzhafarov, 1958: 245. Azerbaijan.
- fittkai** Wirth and Blanton, 1973: 432. Brazil.
- flavescens** Macfie, 1937c: 114 (as variety of *anophelis*). Malaysia.
subflavescens Wirth and Hubert, 1959: 14. Indonesia.

- flavidorsalis** Tokunaga, 1959: 245. Papua New Guinea.
- flavidorsum** Shevchenko and Lisetsky, 1969: 1413. Russia.
- flavimaculinotalis** Tokunaga, 1940e: 180 (1940d: 142). Micronesia.
- flavipes** Vimmer, 1932: 136. Israel.
- flavipulcaris** Dzhafarov, 1964: 238. Azerbaijan.
- flavipunctatus** Kitaoka, 1975: 199. Japan.
- flavirostris** Vimmer, 1932: 137. Israel.
- flaviscryptus** Tokunaga, 1959: 252. Papua New Guinea.
- flaviscutatus** Wirth and Hubert, 1959: 34. Indonesia.
- flaviscutellaris** Wirth and Hubert, 1989: 132. Malaysia.
- flavitibialis** Kitaoka and Tanaka, 1985: 42. Taiwan.
- flavivenulus** Costa Lima, 1937a: 418. Brazil.
- flavus** Gornostaeva, 1980: 81 (as subspecies of *grisescens*). Russia.
flavisomum Mirzaeva, 1984b: 67. Russia.
anadyriensis Mirzaeva, 1984b: 70. Russia.
- flinti** Wirth, 1982b: 251. Argentina.
- florenciae** Messersmith, 1972: 167. Colombia.
- floridensis** Beck, 1951: 135. USA (Florida).
- flukeyi** Jones, 1956: 30. USA (Wisconsin).
- flumineus** Macfie, 1937c: 116. Malaysia.
- fluvaitilis** Xiang and Yu, *in* Ma et al., 1990: 47. China.
- fluvialis** Macfie, 1940d: 25. Guyana.
- fluviatilis** (Lutz), 1914: 82 (*Johannseniella*). Brazil.
scorzai Ortiz, 1956: 93. Venezuela.
- foleyi** Kieffer, 1922g: 503. Algeria.
- footei** Wirth and Jones, 1956: 162. USA (Virginia).
- forattinii** Ortiz, 1961: 211. Venezuela.
- fordae** Lee, 1988: 53 (as *fordae* Wirth and Hubert). China.
fordae Wirth and Hubert, 1989: 133 (preoccupied by *Culicoides fordae* Lee, 1988). Malaysia.
- fossicola** Kieffer, 1922c: 236. Germany.
- fossilis** Pierce, 1966: 91. USA (California). Miocene.
- foxi** Ortiz, 1950c: 461. Puerto Rico (USA).
- fragmentum** Tokunaga, 1962b: 507. Papua New Guinea.
- franclemonti** Cochrane, 1974: 128. USA (New York).
- franklini** Spinelli, *in* Spinelli et al., 1993: 45. Panama.
- freeborni** Wirth and Blanton, 1969b: 217. USA (California).
- freitasi** Wirth and Blanton, 1973: 434. Brazil.
- fretensis** Wang and Yu, *in* Wang et al., 1990: 73. China.
- frohnei** Wirth and Blanton, 1969b: 219. USA (Alaska).
- fukienensis** Chen and Tsai, 1962: 395. China.
- fukudai** Wada, 1990: 56. Japan.
- fulbrighti** Lee and Reye, 1963: 361. Australia (New South Wales).
- fulvithorax** (Austen), 1912: 105 (*Johannseniella*). Kenya.
citrinus Kieffer, 1921b: 15. Cameroon.
ruficollis Goetghebuer, 1935d: 174. Democratic Republic of the Congo.
- fulvus** Sen and Das Gupta, 1959a: 628. India.
- furcillatus** Callot, Kremer and Paradis, 1962: 771. France.
- furens** (Poey), 1853: 238 (*Oecacta*). Cuba.
maculithorax (Williston), 1896: 277 (*Ceratopogon*). St. Vincent.
dovei Hall, 1932: 88. USA (Georgia).
birabeni Cavalieri, 1966: 59. Venezuela.
- furensoides** Williams, 1955: 271. USA (Michigan).
dickei Jones, 1956: 28. USA (Wisconsin).
- fuscus** Goetghebuer, 1952: 1. Belgium.

- fusipalpis** Wirth and Blanton, 1973: 435. Brazil.
- gabaldoni** Ortiz, 1954: 221. Venezuela.
- gabrieli** Spinelli, Santamaria, Cabrera, Ronderos and Suárez, 2009: 82. Colombia.
- galindoi** Wirth and Blanton, 1953a: 73. Panama.
- galliardi** Callot, Kremer and Molet, 1973: 381. Lesotho.
- gambiae** Clastrier and Wirth, 1961b: 308. Gambia.
- gaponus** Yu, 1982: 202. China.
- garciai** Wirth and Hubert, 1989: 304. Malaysia.
- gedanensis** Szadziewski, 1988: 46. Poland. Eocene.
- gejgelensis** Dzhafarov, 1964: 282. Azerbaijan.
- gemellus** Macfie, 1934c: 192. Malaysia.
- geminus** Macfie, 1937d: 472. Malaysia.
bifasciatus Tokunaga, 1951: 104. Indonesia.
- gentilis** Macfie, 1934c: 191. Malaysia.
- gentiloides** Kitaoka and Tanaka, 1985: 41. Taiwan.
- geocheloneoides** Dyce and Meiswinkel, 1995: 140. Indonesia.
- germanus** Macfie, 1940d: 27. Guyana.
- gewertzi** Causey, 1938: 409. Thailand.
- giganteus** Khamala and Kettle, 1971: 35. Kenya.
- gigas** Root and Hoffman, 1937: 172. Canada (Saskatchewan).
- ginesi** Ortiz, 1951c: 586. Venezuela.
- glabellus** Wirth and Blanton, 1956c: 47. Panama.
- glabrior** Macfie, 1940d: 27 (as variety of *debilipalpis*). Guyana.
grahambelli Forattini, 1956b: 35. Panama.
- glabripennis** Goetghebuer, 1935d: 171 (1948b: 12). New name for *nudipennis*.
nudipennis Goetghebuer, 1933e: 146 (preoccupied by *Culicoides nudipennis* Kieffer, 1922g). Democratic Republic of Congo.
septemmaculatus Goetghebuer, 1935d: 175. Democratic Republic of the Congo.
spinifer Khamala and Kettle, 1971: 51. Kenya.
- gladysae** Kettle, Elson and Dyce, 1976: 173. Australia (Queensland).
- gluchovae** Mirzaeva, 1974: 27. Russia.
wushenensis Lee (as Li), 1974: 353. China.
- glushchenkoae** Glukhova, 1989: 200. Russia
- goeldii** Wirth and Blanton, 1973: 437. Brazil.
- gorgasi** Wirth and Blanton, 1953b: 232. Panama.
- gornostaevae** Mirzaeva, 1984a: 371. Russia.
- gouldi** Wirth and Hubert, 1989: 139. Malaysia.
- gracilior** Statz, 1944: 143. Germany. Oligocene.
- gracilipes** Vaillant, 1954: 227. France.
- grahamii** Austen, 1909: 280. Ghana.
habereri Becker, 1909: 289. Cameroon.
hostilissimus (Pittaluga), 1911a: 29 (1911b: 69; 1912: 597) (*Oecacta*). Guinea.
kivuensis Goetghebuer, 1935d: 173. Democratic Republic of the Congo.
trichopis de Meillon, 1937b: 328. Democratic Republic of the Congo.
- grandensis** Grogan and Phillips, 2008: 197. USA (Utah).
- grandibocus** Borkent, 1996: 19. USA (New Jersey). Upper Cretaceous.
- gregsoni** Wirth and Blanton, 1969b: 222. Canada (British Columbia).
- grenieri** Vattier and Adam, 1966b: 723. Congo.
- griffithi** Wirth and Hubert, 1989: 307. Thailand.
- griseidorsum** Kieffer, 1918a: 46. Algeria.
- grisescens** Edwards, in Edwards et al., 1939: 146. Great Britain.
remmi Damian-Georgescu, 1972: 16. Romania.
arschanicus Mirzaeva, 1984b: 69. Russia.
- guadeloupensis** Floch and Abonnenc, 1950b: 2. Guadeloupe.

- guamai** Wirth and Blanton, 1973: 438. Brazil.
- guangxiensis** Liu and Hao, 2003: 139. China.
- guarani** Ronderos and Spinelli, 1994: 48. Argentina.
- guerrai** Wirth and Blanton, 1971a: 41. Trinidad and Tobago.
- guineensis** Kieffer, 1918a: 54. Guinea.
- gulbenkiani** Caeiro, 1959: 155. South Africa.
- gutsevichi** Sen and Das Gupta, 1958b: 163 (1959b: 65). New name for *orientalis*.
orientalis Gutsevich, 1952: 92 (preoccupied by *Culicoides orientalis* Macfie, 1932b). Russia.
bisulcatus Gutsevich, 1959: 681. New name for *orientalis*.
- guttatus** (Coquillett), 1904c: 35 (*Ceratopogon*). Brazil.
- guttifer** (de Meijere), 1907: 209 (*Ceratopogon*). Indonesia.
- guttipennis** (Coquillett), 1901a: 603 (*Ceratopogon*). USA (Ohio).
- guyanensis** Floch and Abonnenc, 1942a: 4. French Guiana.
recifensis Barbosa, 1943: 263. Brazil.
stubalensis Fox, 1946a: 254. Trinidad and Tobago.
- gymnopterus** Edwards, 1926b: 247. Malaysia.
- haematopotus** Malloch, 1915a: 302. USA (Illinois).
- haerbalingensis** Liu and Wang, *in* Liu et al., 2010: 63. China.
- hainanensis** Lee, 1975: 433. China.
- haitiensis** Delécolle, Raccurt and Rebholtz, 1986: 108. Haiti.
- halonostictus** Wirth and Hubert, 1989: 431. Thailand.
- hamiensis** Chu, Qian and Ma, 1982: 109. China.
- hanae** Braverman, Delécolle and Kremer, 1983: 678. Egypt.
- haranti** Rioux, Descous and Pech, 1959: 432. France.
- hasegawai** Kanasugi and Kitaoka, 2001:228. Japan.
- hawsi** Wirth and Rowley, 1971: 159. USA (Washington).
- hayakawai** Kitaoka, 1984: 301. Japan.
- hayesi** Matta, 1967: 75. Honduras.
- hegneri** Causey, 1938: 402. Thailand.
- heliconiae** Fox and Hoffman, 1944: 108. Venezuela.
rozeboomi Barbosa, 1947: 26. Trinidad and Tobago.
- heliophilus** Edwards, 1921: 124. Great Britain.
latifrontis Shakirzjanova, 1962: 256. Kazakhstan.
kobachidzei Dzhafarov, 1964: 348. Georgia.
- helveticus** Callot, Kremer and Deduit, 1962: 164. Switzerland.
- hengduanshanensis** Lee, 1984: 88. China.
- henryi** Lee and Reye, 1963: 360. Australia (Queensland).
- herero** (Enderlein), 1908: 460 (*Ceratopogon*). Namibia.
- hermani** Spinelli and Borkent, 2004a: 363. Panama.
- heteroclitus** Kremer and Callot, *in* Callot and Kremer, 1965: 333 (Callot and Kremer, 1966: 941). France.
- hewitti** Causey, 1938: 413. Thailand.
- hieroglyphicus** Malloch, 1915a: 297. USA (Arizona).
- hildae** Cornet and Nevill, 1979: 179. South Africa.
- himalayae** Kieffer, 1911b: 326. India.
- hinmani** Khalaf, 1952b: 353. USA (Oklahoma).
- hinnoi** Howarth, 1985: 33. Laos.
- hirsutus** Khamala and Kettle, 1971: 59. Uganda.
- hirtipennis** Delfinado, 1961: 662. Philippines.
- hirtulus** (Coquillett), 1900: 396 (*Ceratopogon*). USA (Alaska).
- hispanicolus** Szadziewski and Grogan, 1998a: 41. Dominican Republic. Miocene.
- histrion** Johannsen, 1946: 190 (as variety of *guttifer*). Guam (USA).
mackayensis Lee and Reye, 1953: 383. Australia (Queensland).
- hitchcocki** Spinelli and Wirth, 1984a: 176. Peru.
- hoffmani** Fox, 1946a: 251. Trinidad and Tobago.

- hoffmanioides** Wirth and Hubert, 1989: 173. Malaysia.
- hoguei** Wirth and Moraes, 1979: 293. USA (California).
- hokkaidoensis** Kitaoka, 1984: 303. Japan.
- holcus** Lee, 1980: 85. China.
- hollandiensis** Tokunaga, 1959: 226. Indonesia.
- hollensis** (Melander and Brues), 1903: 13 (*Ceratopogon*). USA (Massachusetts).
canithorax Hoffman, 1925: 284. USA (Georgia).
- homochrous** Remm, *in* Remm and Zhogolev, 1968: 835. Ukraine.
- homotomus** Kieffer, 1922b: 158. Taiwan.
osakensis Iwata, 1935: 7. Japan.
denmeadi Causey, 1938: 403. Thailand.
- hondurensis** Spinelli and Borkent, 2004a: 369. Honduras.
- hornsbyensis** Lee and Reye, 1963: 361. Australia (New South Wales).
- horridus** Yu and Deng, *in* Yu, 1988: 135. China.
- hortensis** Khamala and Kettle, 1971: 29. Uganda.
- horticola** Lutz, 1913: 61. Brazil.
bachmanni Spinelli, *in* Spinelli et al., 2005: 146. Argentina.
- huambensis** Caeiro, 1961: 179 (also as *huambensis*). Angola.
- huayingensis** Zhou and Lee, 1984b: 293. China.
- huaynacapaci** Felipe-Bauer, *in* Felipe-Bauer et al., 2008b: 308. Peru.
- huberti** Howarth, 1985: 35. Laos.
- huffi** Causey, 1938: 406. Thailand.
- hui** Wirth and Hubert, 1961: 16. Taiwan.
- hulinensis** Liu and Yu, 1996: 135 (Liu et al., 1999: 341). China.
- humeralis** Okada, 1941: 20. Japan.
- huochengensis** Ma and Yu, *in* Ma et al., 1990: 47. China.
- husseyi** Wirth and Blanton, 1971c: 76. USA (Florida).
- hyalinus** Tokunaga, 1962b: 472. Papua New Guinea.
- hylas** Macfie, 1940d: 26. Guyana.
- ibericus** Dzhafarov, 1963: 54 (1964: 355). Azerbaijan.
- ibriensis** Boorman, 1989: 181. Oman.
- ignacioi** Forattini, 1957: 215. Brazil.
saintjusti Tavares and Ruiz, 1980: 27. Brazil.
- iliensis** Gutsevich and Smatov, 1966: 68. Kazakhstan.
- imicola** Kieffer, 1913e: 11. Kenya.
pallidipennis Carter, Ingram and Macfie, 1920: 265. Ghana.
iraqensis Khalaf, 1957b: 343. Iraq.
minutus Sen and Das Gupta, 1959a: 622. India.
pseudoturgidus Das Gupta, 1962a: 537. India.
- imitator** Ortiz, 1953b: 808. Venezuela.
- immaculatus** Lee and Reye, 1953: 375. Australia (Queensland).
- impunctatus** Goetghebuer, 1920: 55. Belgium.
minor Tokunaga, 1941b: 97 (as variety of *impunctatus*). China.
- impusilloides** Spinelli and Wirth, 1984a: 178. Brazil.
- incertus** Yu and Zhang, *in* Yu, 1988: 136. China.
- indianus** Macfie, 1932b: 488. India.
cylindratus Kitaoka, 1980: 16. Japan.
- inermis** Spinelli, Santamaría, Cabrera, Ronderos and Suárez, 2009: 84. Colombia.
- inexploratus** Sen and Das Gupta, 1959a: 628. India.
- inflatipalpis** Tokunaga, 1963b: 125. Papua New Guinea.
- infulatus** Delfinado, 1961: 644. Philippines.
- innoxius** Sen and Das Gupta, 1959a: 626. India.
- inornatipennis** Carter, Ingram and Macfie, 1920: 227. Ghana.
- inornatithorax** Das Gupta, 1963: 36. India.

- insignipennis** Macfie, 1937d: 469. Malaysia.
- insignis** Lutz, 1913: 51. Brazil.
inamollae Fox and Hoffman, 1944: 110. Puerto Rico (USA).
painteri Fox, 1946a: 257. Honduras.
- insinuatus** Ortiz and León, 1955: 577. Ecuador.
- insolatus** Wirth and Hubert, 1960a: 654. Mexico.
- insolens** Choudhuri and Das Gupta, *in* Choudhuri et al., 1986: 54. India.
- insulanus** Macfie, 1933a: 77. French Polynesia (France).
- insularis** Kitaoka, 1980: 18. Japan.
- interrogatus** Lee and Reye, 1963: 358. Australia (New South Wales).
- inthanonensis** Kitaoka, Takaoka and Choochote, 2005: 288. Thailand.
- inyoensis** Wirth and Blanton, 1969a: 565. USA (California).
- iphthimus** Zhou and Lee, 1984b: 295. China.
- iranicus** Navai, 1971: 202. Iran.
- iriartei** Fox, 1952: 368. Venezuela.
vargasi Wirth and Blanton, 1953a: 74. Panama.
- iriomotensis** Kitaoka, 1975: 198. Japan.
- irwini** Spinelli and Wirth, 1984a: 180. Chile.
- isechnoensis** Glick, 1990: 108. Kenya.
- isioloensis** Cornet, Nevill and Walker, 1974: 240. Kenya.
- isoregalis** Majumdar and Das Gupta, *in* Majumdar et al., 1997: 28. India.
- jacksoni** Atchley, 1970: 258. USA (New Mexico).
- jacobsoni** Macfie, 1934d: 215. Indonesia.
buckleyi Macfie, 1937c: 117. Malaysia.
kitaokai Tokunaga, 1955: 6. Japan.
unisetiferus Tokunaga, 1959: 236. Papua New Guinea.
- jamaicensis** Edwards, 1922: 165 (as variety of *loughnani*). Jamaica.
- jamesi** Fox, 1946b: 244. USA (Montana).
- jamnbacki** Wirth and Hubert, 1962: 192. USA (New York).
- japonicus** Arnaud, 1956a: 106. Japan.
litoreus Amosova, 1957: 241. Russia.
- javae** Tokunaga, 1951: 103. Indonesia.
- javanicus** Salm, 1917b: 139. Indonesia.
- jefferyi** Kitaoka, 1983: 96. Malaysia.
- jianfenglingensis** Liu, 1995: 9. China.
- jimmiensis** Tokunaga, 1959: 229. Papua New Guinea.
- jouberti** Huttel, Huttel and Verdier, 1953: 98. Gabon.
- jonesi** Wirth and Hubert, 1960a: 650. USA (Texas).
- jucundus** Statz, 1944: 147. Germany. Oligocene.
- judaeae** Macfie, 1933c: 79. Israel.
- juddi** Cochrane, 1973: 316. USA (New York).
- jumineri** Callot and Kremer, 1969b: 1112. Tunisia.
- jurbergi** Felipe-Bauer, *in* Felipe-Bauer, et al., 2005: 51. Peru.
- jurensis** Callot, Kremer and Dedit, 1962: 160. France.
- jurutiensis** Trindade and Felipe-Bauer, 2011a: 61. Brazil.
- kadenensis** McDonald, Bolinguit and Lu, 1973: 639. Japan.
- kaifongensis** Yu, 1982: 202. China.
- kaimosiensis** Khamala and Kettle, 1971: 58. Kenya.
- kaluginae** Remm, 1976b: 110. Russia. Upper Cretaceous.
- kampa** Felipe-Bauer, Veras, Castellon and Moreira, 2000: 35. Brazil.
- kamrupi** Sen and Das Gupta, 1958b: 163 (1959a: 617; 1959b: 65). New name for *albipennis*.
albipennis Smith and Swaminath, 1932: 184 (preoccupied by *Culicoides albipennis* Kieffer, 1919a). India.
- kanagai** Khamala and Kettle, 1971: 49. Kenya.
- kangdingensis** Yu and Liu, *in* Yu et al., 2005: 1204. China.

- karagiensis** Smatov and Aldabergenov, 1973: 24. Kazakhstan.
- karakumensis** Gutsevich and Molotova, *in* Gutsevich, 1973: 180. Turkmenistan.
- karenensis** Glick, 1990: 162. Kenya.
- kasimi** Khalaf, 1961: 464. Iraq.
- kayi** Bellis and Dyce, 2011: 46. Australia (Western Australia).
- kelantanensis** Wirth and Hubert, 1989: 346. Malaysia.
- kelinensis** Lee, 1978: 58 (1979a: 99). China.
- kepongensis** Lee, 1988: 69 (as *kepongensis* Wirth and Hubert). China.
kepongensis Wirth and Hubert, 1989: 346 (preoccupied by *Culicoides kepongensis* Lee, 1988). Malaysia.
- kerichoensis** Khamala and Kettle, 1971: 37. Kenya.
- kettlei** Breidenbaugh and Mullens, 1999: 150. USA (California).
- kibatiensis** Goetghebuer, 1935d: 172. Democratic Republic of the Congo.
volatilis Goetghebuer, 1935d: 176. Democratic Republic of the Congo.
- kibunensis** Tokunaga, 1937a: 298. Japan.
cubitalis Edwards, *in* Edwards et al., 1939: 40. Great Britain.
ponkikiri Kono and Takahasi, 1940: 74. Japan.
sitinoensis Okada, 1941: 18. Japan.
- kinabaluensis** Wirth and Hubert, 1989: 211. Indonesia.
- kinari** Howarth, 1985: 44. Laos.
- kingi** Austen, 1912: 104. Sudan.
nilotes Kieffer, 1925e: 257. Egypt.
- kirbyi** Glick and Mullen, 1983: 380. USA (Maryland).
- kirgizicus** Glukhova, 1973: 111. Kyrgyzstan.
- kirinensis** Lee, 1976: 47. China.
- kisangkini** Howarth, 1985: 47. Laos.
- klossi** Edwards, 1933c: 252. Malaysia.
- knowltoni** Beck, 1956: 136. USA (Florida).
- kobae** Cornet and Chateau, 1971: 148. Senegal.
- kohistanensis** Kitaoka and Shinonaga, 1989: 29. Pakistan.
- kolymbiensis** Boorman, 1988: 154. Greece.
- komiensis** McDonald, Bolinguit and Lu, 1973: 641. Japan.
- komarovi** Mirzaeva, 1985: 99. Russia.
- konglinensis** Yu and Kong, *in* Xue et al., 1992: 52. China.
- kongmiaoensis** Liu and Zhou, 2006: 468. China.
- koreensis** Arnaud, 1956a: 109. South Korea.
palustris Amosova, 1957: 243. Russia.
- korossoensis** (Huttel and Huttel), 1952d: 472 (*Monohelea*). Mali.
- kotonkan** Boorman and Dipeolu, 1979: 35. Nigeria.
- krameri** Clastrier, 1959a: 194. Senegal, Ivory Coast and Mali.
ciliodontatus Khamala and Kettle, 1971: 28. Uganda.
- kribiensis** Kieffer, 1921b: 18. Cameroon.
- krombeini** Giles, Wirth and Messersmith, 1981: 542. Sri Lanka.
- kucheensis** Liu and Yu, *in* Yu et al., 2005: 1302. China.
- kugitangi** Ataev, 1976: 79. Turkmenistan.
- kumbaensis** Callot, Kremer, Mouchet and Bach, 1965: 540. Cameroon.
- kurensis** Dzhafarov, *in* Gutsevich, 1960: 100. Azerbaijan.
- kuripako** Felipe-Bauer, *in* Felipe-Bauer et al., 2010: 863. Brazil.
- kusaiensis** Tokunaga, 1940a: 215. Micronesia.
- kuscheli** Wirth and Blanton, 1978: 236. Chile.
- kyushuensis** Wada, 1986: 146. Japan.
- labis** Yu and Liu, *in* Yu et al., 2005: 1303. China.
- lacustris** Ronderos, 1990a: 116. Argentina.
- lahillei** (Iches), 1906: 264 (*Ceratopogon*). Argentina.
- lahontan** Wirth and Blanton, 1969b: 223. USA (California).

- laimargus** Zhou and Lee, 1984a: 221. China.
- lamborni** Ingram and Macfie, 1925: 283. Malawi.
- landauae** Kremer, Rebholtz-Hirtzel and Bailly-Choumara, 1975: 206. Morocco.
- lanei** Ortiz, 1950a: 431. Panama.
- langeroni** Kieffer, 1921i: 262. Tunisia.
- lansangensis** Howarth, 1985: 58. Laos.
- lanyuensis** Kitaoka and Tanaka, 1985: 39. Taiwan.
- laoensis** Howarth, 1985: 37. Laos.
- laoshanensis** Yu and Kang, *in* Yu, 1988: 137. China.
- lasaensis** Lee, 1978: 63 (1979a: 100). China.
- latifrons** Khamala and Kettle, 1971: 23. Uganda.
- latipennis** Kieffer, 1919a: 37. Romania, Ukraine.
- laurae** Pierce, 1966: 91. USA (California). Miocene.
- leanderensis** Lee and Reye, 1963: 355. Australia (Queensland).
- leechi** Wirth, 1977: 53. USA (California).
- leei** Tokunaga, 1960b: 72. Papua New Guinea.
- leizhouensis** Lai and Yu, *in* Lai et al., 1990: 69. China.
- lenae** Glushchenko and Mirzaeva, 1970: 37. Russia.
- lengi** Yu and Liu, 1990: 10. China.
- lenti** Tavares and Luna Dias, 1980: 396. Brazil.
- leoni** Barbosa, 1952: 17 (1953: 19). Ecuador.
- leopoldoi** Ortiz, 1951c: 579. Venezuela.
- leucostictus** Kieffer, 1911c: 340. Seychelles.
praetermissus Carter, Ingram and Macfie, 1920: 240. Ghana.
egypti Macfie, 1924: 66 (as variety of *distinctipennis*). Egypt.
pharao Kieffer, 1925e: 259. Egypt.
- lichyi** Floch and Abonnenc, 1949: 1 (1950a: 69). Venezuela.
- lieni** Chen, 1979: 99. Taiwan.
- liliputanus** Statz, 1944: 142. Germany. Oligocene.
- limai** Barretto, 1944: 99. Brazil.
- limonensis** Ortiz and León, 1955: 576. Ecuador.
- lingshuiensis** Lee, 1975: 434. China.
- lini** Kitaoka and Tanaka, 1985: 46. Taiwan.
- lisicarruni** Moncada, Carrasqui9lla and Spinelli, 2010: 978. Colombia.
- liui** Wirth and Hubert, 1961: 20. Taiwan.
- liubaensis** Liu and Wu, 2005:448. China.
- liukueiensis** Kitaoka and Tanaka, 1985: 47. Taiwan.
- lobatoi** Felipe-Bauer, *in* Felipe-Bauer and Quintelas, 1994: 25. Brazil.
- loisae** Jamnback, 1965: 77. USA (New York).
- longicercus** Kitaoka, 1980: 19. Japan.
- longicollis** Glukhova, 1971: 507. Ukraine.
- longidens** Arnaud, 1956a: 111. Japan.
paucidentatus Kitaoka, 1973: 216. Japan.
- longior** Hagan and Reye, 1986: 340. Australia (Queensland).
- longipalpis** Delfinado, 1961: 645. Philippines.
- longipennis** Khalaf, 1957b: 348. Iraq.
flavisimilis Dzhafarov, 1964: 291. Azerbaijan.
- longiporus** Chu and Liu, 1978: 86. China.
- longiradialis** Tokunaga, 1962b: 499. Papua New Guinea.
- longirostris** Qu and Wang, 1994: 486. China.
- longlinensis** Yu, 1982: 202. China.
paradoxus Yu and Liu, 1990: 2. China.
- longzhouensis** Hao and Yu, 1990: 40. China.
- lopesi** Barretto, 1944: 102. Brazil.

- lophortygis** Atchley and Wirth, 1975: 1422. USA (California).
- loughnani** Edwards, 1922: 165. Jamaica.
- loxodontis** Meiswinkel, 1992: 147. South Africa.
- lungchiensis** Chen and Tsai, 1962: 397 (as subspecies of *peregrinus*). China.
megaforticeps Kitaoka, 1973: 212. Japan.
- luglani** Jones and Wirth, 1958: 89. USA (Texas).
- lui** Yu and Liu, 1990: 10. China.
- lulianchengi** Chen, 1983: 93 (1988: 152). China.
- lutealaris** Wirth and Blanton, 1956b: 225. Panama.
- luteolus** Wirth and Hubert, 1989: 100. Malaysia.
- luteovenus** Root and Hoffman, 1937: 156. Mexico.
- lutzi** Costa Lima, 1937a: 419. Brazil.
- lyrinotatus** Wirth and Blanton, 1955b: 126. Panama.
- maai** Wirth and Hubert, 1989: 312. Malaysia.
- macclurei** Wirth and Hubert, 1989: 348. Malaysia.
- macfie** Causey, 1938: 411. Thailand.
- macintoshi** Cornet and Nevill, 1980: 383. South Africa.
- macieli** Tavares and Ruiz, 1980: 29. Brazil.
- mackerrasi** Lee and Reye, 1963: 355. Australia (Northern Territory).
- macrostigma** Wirth and Blanton, 1953b: 230. Panama.
- maculipennis** (Macfie), 1925: 349 (*Haemophoructus*). Singapore.
- maculiscutellaris** Tokunaga, 1959: 249. Indonesia.
- maculitibialis** Lien, Weng and Lin. 1997: 171. Taiwan.
- madagascarensis** de Meillon, 1961: 40. Madagascar.
- magnificus** Sen and Das Gupta, 1959a: 622. India.
- magnipalpis** Wirth and Blanton, 1953a: 76. Panama.
- magnipictus** Tokunaga, 1962b: 494. Papua New Guinea.
- magnithecalis** Majumdar and Das Gupta, *in* Gangopadhyay and Das Gupta, 2000: 124. India.
- magnus** Colaco, 1946: 219, 237 (as variety of *hirtius*). South Africa.
- majorinus** Chu, 1977: 99. China.
- malariologiensis** Perruolo, 1990: 28. Venezuela.
- malayae** Macfie, 1937d: 471. Malaysia.
- malevillei** Kremer and Coluzzi, 1971: 415. Italy.
- mamaensis** Lee, 1979a: 101. China.
- mammalicolus** Szadziewski and Grogan, 1998a: 41. Dominican Republic. Miocene.
- manchuriensis** Tokunaga, 1941b: 98. China.
setiger Goetghebuer, 1938: 379 (preoccupied by *Dasyhelea setigera* (Kieffer), 1910). Belgium.
goetghebueri Arnaud, 1956b: 94. Belgium. New name for *setiger*.
machardy Campbell and Pelham-Clinton, 1960: 235. Great Britain.
ochraceimaculatus Shevchenko, 1970b: 8. Ukraine.
ochraceipennis Shevchenko, 1970b: 9. Ukraine.
mesostigma Remm, 1971: 201. Russia.
vistulensis Skierska, 1973: 289. Poland.
- manhauensis** Yu, 1982: 202. China.
- manikumari** Wirth and Hubert, 1989: 103. Malaysia.
- marcleti** Callot, Kremer and Basset, 1968: 271. Algeria.
- marginalis** Lee and Reye, 1963: 354. Australia (New South Wales).
- marginatus** Delfinado, 1961: 646. Philippines.
- marginus** Chu, 1984: 24. New name for *marginalis*.
marginalis Chu and Liu, 1978: 84 (preoccupied by *Culicoides marginalis* Lee and Reye, 1963). China.
- margipictus** Qu and Wang, 1994: 487. China.
- marinkellei** Wirth and Lee, 1967: 13. Colombia.
- marinus** Yu and Zhu, *in* Lai et al., 1990: 70. China.
- maritimus** Kieffer, 1924a: 16. Germany.

- submaritimus* Dzhafarov, 1962a: 206. Azerbaijan.
- marksi** Lee and Reye, 1953: 392. Australia (New South Wales).
- marmoratus** (Skuse), 1889: 304 (*Ceratopogon*). Australia (New South Wales).
- marshi** Wirth and Blanton, 1956b: 220. Panama.
- martinezi** Wirth and Blanton, 1970b: 43. Trinidad and Tobago.
- martyrius** Trindade and Felipe-Bauer, 2011a:62. Brazil.
- maruim** Lutz, 1913: 48. Brazil.
recifei Barbosa, 1947: 25. Brazil.
- mathisi** Giles and Wirth, 1983: 36. Sri Lanka.
- matsuzawai** Tokunaga, 1950: 64. Japan.
- mayeri** Goetghebuer, 1935a: 3. Germany.
- mcdonaldi** Wirth and Hubert, 1989: 224. New name for *monticola*.
monticola McDonald and Lu, 1972: 413 (as subspecies of *pulicaris*). Taiwan.
- mcdowellii** Delfinado, 1961: 647. Philippines.
- mckeeveri** Brickle and Hagan, 1999: 39. Belize.
- mcmillani** Lee and Reye, 1953: 391. Australia (New South Wales).
- megacanthus** Palmer, 1957: 272. USA (California). Miocene.
- meijereri** Kieffer, 1919c: 192. New name for *guttipennis*.
guttipennis (de Meijere), 1906: 69 (*Ceratopogon*, preoccupied by *Culicoides guttipennis* (Coquillett), 1901a).
Indonesia.
- melanesiae** Macfie, 1939b: 368. Papua New Guinea.
- melleus** (Coquillett), 1901a: 604 (*Ceratopogon*). USA (Florida).
- mellipes** Wirth and Hubert, 1989: 179. Malaysia.
- menghaiensis** Lee, 1980: 87. China.
- menglaensis** Chu and Liu, 1978: 88. China.
- mesghalii** Navai, 1973: 196. Iran.
- metagonatus** Wirth and Blanton, 1956b: 221. Panama.
- micayensis** Spinelli, Santamaría, Cabrera, Ronderos and Suárez, 2009: 85. Colombia.
- micheli** Cornet and Chateau, 1971: 164. Senegal.
- micromaculatus** Vimmer, 1932: 139. Israel.
- midorensis** Arnaud, 1956a: 113. Japan.
- miharai** Kinoshita, 1918: 156. Korea.
- mihunensis** Chu, 1983: 29. China.
- mikros** Dyce and Meiswinkel, 1995: 136. Papua New Guinea.
- milnei** Austen, 1909: 283. Kenya.
lugens Kieffer, 1918a: 51. South Africa.
- minasensis** Felipe-Bauer, 1987: 147. Brazil.
- minimaporus** Liu and Yu, *in* Yu et al., 2005: 890. China.
- minimus** Wirth and Hubert, 1989: 251. Malaysia.
- minipalpis** Wirth and Hubert, 1989: 351. Malaysia.
- minutissimus** (Zetterstedt), 1855: 4860 (*Ceratopogon*). Sweden.
nanulus Kieffer, 1919a: 38. Hungary.
albihalter Kieffer, 1919a: 37 (1921f: 785). Germany.
bychowskyi Dzhafarov, 1964: 344. Azerbaijan.
tugaicus Dzhafarov, 1960a: 1183. Azerbaijan.
- minutunculus** Yu and Liu, *in* Yu et al., 2005: 1312. China.
- mioceneus** Pierce, 1966: 93. USA (California). Miocene.
- miombo** Meiswinkel, 1991: 161. Malawi.
- mirsae** Ortiz, 1953a: 801. Venezuela.
- mirzaevae** Glukhova and Khabirov, 1977: 50 (as *mirzaevi*). Tajikistan.
- mississippiensis** Hoffman, 1926a: 158. USA (Mississippi).
- mohave** Wirth, 1952a: 187. USA (California).
- mojingaensis** Wirth and Blanton, 1953b: 232. Panama.
- molestior** Kieffer, 1911e: 514. New name for *molestus*.

- molestus* Kieffer, 1910: 192 (preoccupied by *Culicoides molestus* (Skuse), 1889). India.
iniquus Sen and Das Gupta, 1958b: 163 (1959a: 620; 1959b: 65). New name for *molestus*.
- molestus** (Skuse), 1889: 305 (*Ceratopogon*). Australia (New South Wales).
- mollis** Edwards, 1928: 55. Western Samoa.
- molotovae** Glukhova and Braverman, 1999: 309. Turkmenistan.
- mongolensis** Yao, 1964: 287. China.
transcaspius Molotova, 1966: 654. Turkmenistan.
- monicae** Spinelli and Borkent, 2004a: 372. Costa Rica.
- monocylichnus** Yu and Liu, *in* Yu et al., 2005: 851. China.
- monoensis** Wirth, 1952a: 193. USA (California).
- monothecalis** Tokunaga, 1962b: 509. Papua New Guinea.
- montanus** Shakirzjanova, 1962: 258. Kazakhstan.
- monticola** Wirth and Lee, 1967: 15. Colombia.
pichindensis Browne, 1980: 538. Colombia.
- morensis** Lee and Reye, 1955: 239. Australia (New South Wales).
- moreli** Clastrier, 1959a: 189. Senegal and Ivory Coast.
- morisitai** Tokunaga, 1940d: 149. China.
mihensis Arnaud, 1956a: 115. Japan.
nagahanai Tokunaga, 1956: 119. Japan.
- mortivallis** Wirth and Blanton, 1971b: 465. USA (California).
- motoensis** Lee, 1978: 75 (1979a: 102). China.
- moucheti** Cornet and Kremer, 1970: 266. Chad.
- mukerjii** Majumdar and Das Gupta, *in* Gangopadhyay and Das Gupta, 2000: 125. India.
- mulrennani** Beck, 1957: 103. USA (Florida).
- multifarious** Liu, Gong and Zhang *in* Liu, Gong, Zhang, and Shi 2003: 359. China.
- multifidous** Liu and Yu, *in* Yu et al., 2005: 1241. China.
- multimaculatus** Taylor, 1918: 169. Australia (Victoria).
- multipunctatus** Malloch, 1915a: 296. USA (Illinois).
- murphyi** Clastrier and Wirth, 1961b: 303. Nigeria.
- murrayi** Wirth and Hubert, 1989: 388. Indonesia.
- murtalai** Boorman and Dipeolu, 1979: 41. Nigeria.
- musajevi** Dzhafarov, 1961c: 75. Azerbaijan.
- muscicola** Kieffer, 1925d: 85. France.
- mykytowyczi** Lee and Reye, 1963: 359. Australia (New South Wales).
- mystacinus** Vimmer, 1932: 139. Israel.
- nagarzensis** Lee, 1978: 77 (1979a: 98). China.
- nairobiensis** Glick, 1990: 131. Kenya.
- nampui** Howarth, 1985: 28. Laos.
- nanellus** Wirth and Blanton, 1969a: 564. USA (California).
- nankanensis** Lien, Weng and Lin, 1996: 21. Taiwan.
- nanpingensis** Yu and Song, *in* Yu et al., 1986: 209. China.
- nanus** Root and Hoffman, 1937: 165. USA (Maryland).
- narrabeenensis** Lee and Reye, 1963: 357. Australia (New South Wales).
- nasuensis** Kitaoka, 1984: 303. Japan.
- nattaiensis** Lee and Reye, 1955: 237. Australia (New South Wales).
- navaiae** Lane, 1983: 534. Saudi Arabia.
- neavei** Austen, 1912: 102. Uganda.
- neghmei** Vargas, 1955: 673. Mexico.
- neofagineus** Wirth and Blanton, 1969b: 227. USA (Arizona).
- neomelanesiae** Tokunaga, 1963b: 123. Papua New Guinea.
- neomontanus** Wirth, 1976c: 15. New name for *montanus*.
montanus Wirth and Blanton, 1969b: 225 (preoccupied by *Culicoides montanus* Shakirzjanova, 1962). USA (Utah).
- neopalpalis** Tokunaga, 1962b: 483. Papua New Guinea.
- neopalpifer** Chen, 1983: 21. China.

- neoparaensis** Tavares and Souza, 1978: 621. Brazil.
- neopulicaris** Wirth, 1955: 355. USA (Texas).
- neoregalis** Majumdar and Das Gupta, *in* Majumdar et al., 1997: 29. India.
- neoschultzei** Boorman and Meiswinkel, *in* Boorman, 1989: 192. Oman.
- nevilli** Cornet and Brunhes, 1994: 158. Senegal.
- newsteadi** Austen, 1921: 113. Israel.
biclavatus Kieffer, 1924a: 14. Germany.
halophilus Kieffer, 1924b: 404. Norway.
edwardsi Goetghebuer, 1933f: 46 (as variety of *pulicaris*, preoccupied by *Culicoides edwardsi* Goetghebuer, 1921). Europe.
edwardsianus Goetghebuer, 1933d: 367 (as variety of *pulicaris*). Great Britain.
- nibleyi** Hubert and Wirth, 1961: 237. Japan.
- nielamensis** Liu and Deng, 2000: 246. China.
- nigeriae** Ingram and Macfie, 1921: 325. Nigeria.
- nigrifemur** Spinelli, Santamaría, Cabrera, Ronderos and Suárez, 2009: 85. Colombia.
- nigrigenus** Wirth and Blanton, 1956b: 222. Panama.
- nigripennis** Carter, Ingram and Macfie, 1920: 253. Ghana.
- nigripes** Wirth and Hubert, 1989: 353. Thailand.
- nigritus** Fei and Lee, 1984b: 345. China.
- nigroannulatus** Goetghebuer, 1932b: 5. Indonesia.
- nigrosignatus** Kieffer, 1901a: 161. France.
- nilogenus** Kieffer, 1921b: 17. Sudan.
- nilophilus** Kieffer, 1921b: 20. Sudan.
- niphanae** Wirth and Hubert, 1989: 316. Thailand.
- nipponensis** Tokunaga, 1955: 4. Japan.
- nitens** Edwards, 1933c: 252. Malaysia.
- nivosus** de Meillon, 1937b: 341. South Africa.
- nobrei** Caeiro, 1961: 241. Angola.
- nocivum** (Harris), 1841: 405 (*Simulium*). Eastern North America.
- noshaquensis** Tokunaga, 1966b: 285. Afghanistan.
- notatus** Delfinado, 1961: 648. Philippines.
papuae Tokunaga, 1962b: 481. Papua New Guinea.
- novaguineanus** Tokunaga, 1959: 223. Indonesia.
- novairelandi** Tokunaga, 1962b: 512. Papua New Guinea.
- novamexicanus** Atchley, 1967: 1012. USA (New Mexico).
- nubeculosus** (Meigen), 1830: 263 (*Ceratopogon*). Europe.
puncticollis Goetghebuer, 1912: 205 (preoccupied by *Culicoides puncticollis* (Becker), 1903). Belgium.
punctaticollis Goetghebuer, 1920: 56. New name for *puncticollis*.
- nudipalpis** Delfinado, 1961: 655. Philippines.
- nudipennis** Kieffer, 1922g: 507. Algeria.
- nujiangensis** Liu, 1990: 59. China.
- nukabirensis** Wada, 1979: 204. Japan.
- nunomemoguri** Kitaoka, 1980: 18. Japan.
- nuntius** Cambournac, 1970a: 249. Portugal.
- nupurius** Kanasugi and Kitaoka, 2001:227. Japan.
- nyakini** Howarth, 1985: 49. Laos.
- nyungnoi** Howarth, 1985: 24. Laos.
- obesus** Statz, 1944: 145. Germany. Oligocene.
- obnoxius** Fox, 1952: 365. Venezuela.
- obscuratus** Statz, 1944: 144. Germany. Oligocene.
- obscurus** Tokunaga and Murachi, 1959: 347. Belau (USA).
pungens de Meijere, 1909: 200 (preoccupied by *Culicoides pungens* (Kieffer), 1901a). Indonesia.
- obsoletus** (Meigen), 1818: 76 (*Ceratopogon*). Europe.
varius (Winnertz), 1852: 35 (*Ceratopogon*). Germany.

- yezoensis* (Matsumura), 1911: 60 (*Ceratopogon*). Russia.
obscuripes Santos Abreu, 1918: 297 (as variety of *varius*). Canary Islands (Spain).
lacteinervis Kieffer, 1919a: 47. Slovak Republic, Ukraine.
rivicola Kieffer, 1921a: 56. Germany.
clavatus Kieffer, 1921a: 56. Germany.
heterocerus Kieffer, 1921a: 57. Germany.
pegobius Kieffer, 1922c: 235. Germany.
kabyliensis Kieffer, 1922g: 505. Algeria.
concitus Kieffer, 1922e: 71. Germany.
intermedius Okada, 1941: 22 (as variety of *obsoletus*, preoccupied by *Dasyhelea intermedia* (Santos Abreu), 1918).
 Japan.
sintrensis Cambournac, 1956: 591. Portugal.
seimi Shevchenko, 1967: 173. Ukraine.
- obuncus** Borkent, 1995: 64. Canada (Manitoba). Upper Cretaceous.
occidentalis Wirth and Jones, 1957: 21 (as subspecies of *variipennis*). USA (California).
ochrothorax Carter, 1919: 298. Ghana.
octosignatus Kieffer, 1921b: 17. Democratic Republic of the Congo.
oculatus (Strobl), 1910: 262 (*Ceratopogon*). Austria.
ocumarensis Ortiz, 1950b: 455. Venezuela.
odai Boorman, 1989: 195. Oman.
odiatus Austen, 1921: 112. Israel.
niger Dzhafarov, 1960a: 1183 (as variety of *pallidicornis*, preoccupied by *Culicoides niger* Root and Hoffman, 1937).
 Azerbaijan.
indistinctus Khalaf, 1961: 461. Iraq.
lailae Khalaf, 1961: 458. Iraq.
kurektschaicus Dzhafarov, 1962a: 209. Azerbaijan.
conicus Remm, in Remm and Zhogolev, 1968: 839. Ukraine.
- odiosus** Kieffer, 1910: 192. India.
okazawai Wada, 1990: 60. Japan.
okinawensis Arnaud, 1956a: 118. Japan.
oklahomensis Khalaf, 1952b: 355 (as subspecies of *villosipennis*). USA (Oklahoma).
olyslageri Kremer and Nevill, 1972: 467. South Africa.
omogensis Arnaud, 1956a: 119. Japan.
onderstepoortensis Fiedler, 1951: 6. South Africa.
onoi Tokunaga, 1940d: 147. China.
opertus Liu and Yu, 1990: 15. China.
oregonensis Wirth and Rowley, 1971: 162. USA (Oregon).
orescius Yu and Liu, in Yu et al., 2005: 1170. China.
orestes Wirth and Hubert, 1989: 222. Malaysia.
orientalis Macfie, 1932b: 490. Malaysia.
nayabazari Das Gupta, 1963: 35. India.
orjuelai Wirth and Lee, 1967: 6. Colombia.
ornatus Taylor, 1913: 73. Australia (Queensland).
ostroushkoae Glukhova, 1989: 220. Ukraine.
ousairani Khalaf, 1952b: 354. USA (Oklahoma).
ovalis Khamala and Kettle, 1971: 88. Kenya.
owyheensis Jones and Wirth, 1978: 57 (misspelled as *owyheenensis*). USA (Idaho).
oxytoma Kieffer, 1910: 193. India.
kiefferi Patton, 1913: 336 (preoccupied by *Culicoides kiefferi* Goetghebuer, 1910). India.
mesopotamiensis Patton, 1920: 246. Iraq.
pattoni Kieffer, 1921e: 7. India. New name for *kiefferi*.
housei Causey, 1938: 407. Thailand.
punctigerus Tokunaga, 1951: 101. Indonesia.
alatus Das Gupta and Ghosh, 1956b: 162. India.

- pabloi** Browne, 1980: 541. Colombia.
- pachymerus** Lutz, 1914: 83. Brazil.
- padusae** Mirzaeva, 1989: 87 (1990: 90). Russia.
- pakistanensis** Kitaoka and Shinonaga, 1989: 30. Pakistan.
- paksongi** Howarth, 1985: 25. Laos.
- palauensis** Tokunaga, *in* Tokunaga and Murachi, 1959: 348. Belau (USA).
- palawanensis** Delfinado, 1961: 648. Philippines.
- pallidicornis** Kieffer, 1919a: 46. Hungary, Romania.
susae Kieffer, 1919a: 44. Italy.
dileucus Kieffer, 1921a: 55. France.
brunneiscutellatus Zilahi-Sebess, 1933: 151 (as variety of *pallidicornis*). Hungary.
bruneoscutellatus Zilahi-Sebess, 1934: 155 (as variety of *pallidicornis*). Bulgaria.
niger Root and Hoffman, 1937: 168. USA (Maryland).
- pallidimaculosus** Tokunaga, 1959: 219. Papua New Guinea.
- pallidizonatus** Tokunaga, 1963b: 135. Papua New Guinea.
- pallidothorax**, Lee and Reye, 1963: 362. Australia (Northern Territory).
- pallidulus** Yu, 1991: 52. New name for *obscuratus*.
obscuratus Ding and Yu, 1990: 54 (preoccupied by *Culicoides obscuratus* Statz, 1944). China.
- pallidus** Khalaf, 1957b: 338. Iraq.
stackelbergi Dzhafarov, 1962a: 210. Azerbaijan.
- palmerae** James, 1943: 151. USA (Colorado).
- palpalis** Macfie, 1948: 78. Mexico.
- palpifer** Das Gupta and Ghosh, 1956a: 122. India.
- palpisimilis** Wirth and Hubert, 1989: 390. Malaysia.
- pamiricus** Zhogolev, 1973: 185. Tajikistan.
- pampaensis** Spinelli and Wirth, 1984a: 182. Argentina.
- pampangensis** Delfinado, 1961: 650. Philippines.
- pampoikilus** Macfie, 1948: 79. Mexico.
dominicii Ortiz, 1951b: 7. Venezuela.
- panamensis** Barbosa, 1947: 22. Panama.
alambicorum Macfie, 1948: 81. Mexico.
- pancensis** Browne, 1980: 537. Colombia.
- pangkorensis** Wirth and Hubert, 1989: 326. Malaysia.
- paolae** Boorman, *in* Boorman et al., 1996: 501. Italy.
- papillatus** Khamala and Kettle, 1971: 84. Kenya.
- papilliger** Borkent, *in* Borkent and Wirth, 1997: 78. New name for *papillatus*.
papillatus Kitaoka and Shinonaga, 1989: 26 (preoccupied by *Culicoides papillatus* Khamala and Kettle, 1971).
 Pakistan.
- papuensis** Tokunaga, 1962b: 513. Papua New Guinea.
- parabarnetti** Wirth and Hubert, 1989: 146. Malaysia.
- parabubalus** Wirth and Hubert, 1989: 224. Malaysia.
- paradisionensis** Boorman, 1988: 156. Greece.
- paraensis** (Goeldi), 1905: 137 (*Haematomyidium*). Brazil.
undecimpunctatus Kieffer, 1917b: 307. Argentina.
- paraflavescens** Wirth and Hubert, 1959: 15. Sri Lanka.
- paragarciai** Dyce, 1996: 313. Papua New Guinea.
- parahumeralis** Wirth and Hubert, 1989: 110. Malaysia.
- paraignacioi** Spinelli, *in* Spinelli et al., 1993: 66. Colombia.
- paraimpunctatus** Borkent, 1995: 60. New name for *canadensis*.
canadensis Wirth and Blanton, 1969b: 211 (preoccupied by *Culicoides canadensis* (Boesel), 1937). USA
 (Minnesota).
- paraliui** Das Gupta, 1962a: 538. India.
- paramalayae** Wirth and Hubert, 1989: 226. Malaysia.
- paramaruim** Wirth and Blanton, 1973: 443. Brazil.

- parapiliferus** Wirth and Blanton, 1974b: 71. USA (New York).
- parararipalpis** Das Gupta, 1963: 41. India.
- pararegalis** Majumdar and Das Gupta, *in* Majumdar et al., 1997: 28. India.
- parascopus** Wirth and Blanton, 1978: 238. Mexico.
- parauapebensis** Trindade and Felipe-Bauer, 2011b:42. Brazil.
- parroti** Kieffer, 1922g: 502. Algeria.
- parvimaculatus** Lee and Reye, 1953: 391. Australia (New South Wales).
- parviscriptus** Tokunaga, 1959: 213. Papua New Guinea.
- parvulus** Khamala and Kettle, 1971: 62. Kenya.
- pastus** Kitaoka, 1980: 11. Japan.
- patagoniensis** Ronderos and Spinelli, 1997: 34. Argentina.
- paucienfuscatus** Barbosa, 1947: 23. Brazil.
- paulpictus** Tokunaga, 1977: 45. Papua New Guinea.
- pechumani** Cochrane, 1974: 133. USA (New York).
- pecosensis** Wirth, 1955: 358. USA (Texas).
- peculiaris** Majumdar and Das Gupta, *in* Gangopadhyay and Das Gupta, 2000: 127. India.
- pelius** Liu and Yu, 1990: 23. China.
- peliliouensis** Tokunaga, *in* Tokunaga and Esaki, 1936: 55. Belau (USA).
ejercitoi Delfinado, 1961: 643. Philippines.
- pellucidus** Khamala and Kettle, 1971: 62. Tanzania.
- pendleburyi** Wirth and Hubert, 1989: 85. Malaysia.
- pentamaculatus** Smatov, *in* Smatov and Kravets, 1976: 283. Kazakhstan.
- perakensis** Kitaoka, 1983: 95. Malaysia.
- peregrinus** Kieffer, 1910: 191. India.
judicandus Bezzi, 1916: 8 (1917: 108). Philippines.
esmoneti Salm, 1917b: 136. Indonesia.
philippinensis Kieffer, 1921g: 564. Philippines.
assamensis Smith and Swaminath, 1932: 183 (as variety of *peregrinus*). India.
quadratus Tokunaga, 1951: 108. Indonesia.
- perettii** Cornet and Chateau, 1971: 145. Senegal.
- perijaensis** Perruolo, 2006b: 27. Venezuela.
- perornatus** Delfinado, 1961: 651. Philippines.
multinotatae Tokunaga, 1962b: 475. Papua New Guinea.
- peruvianus** Felipe-Bauer, *in* Felipe-Bauer, et al., 2003: 1054. Peru.
- petersi** Tokunaga, 1962b: 490. Papua New Guinea.
- petronius** Liu and Yu, *in* Yu et al., 2005: 1091. China.
- phaeonotus** Wirth and Blanton, 1959: 326. Panama.
- phasmatus** Liu and Yu, 1997: 120. China.
- phlebotomus** (Williston), 1896: 281 (*Ceratopogon*). St. Vincent.
amazonius Macfie, 1935a: 52. Brazil.
- photophilus** Kieffer, 1911d: 5. Germany.
- picadoae** Spinelli and Borkent, 2004a: 381. Costa Rica.
- pictellum** (Rondani), 1869: 190 (*Ceratopogon*). Italy.
- pictilis** Wirth and Hubert, 1989: 392. Malaysia.
- pictimargo** Tokunaga and Shogaki, 1953: 286. Japan.
- pictipennis** (Staeger), 1839: 594 (*Ceratopogon*). Denmark.
arcuatus (Winnertz), 1852: 39 (*Ceratopogon*). Germany.
guttularis Kieffer, 1919a: 45. Hungary.
maculatus Zilahi-Sebess, 1936a: 202 (as variety of *pictipennis*, preoccupied by *Culicoides maculatus* (Shiraki), 1913). Hungary.
achkamalicus Dzhafarov, 1964: 251. Azerbaijan.
luganicus Shevchenko, 1972: 75. Ukraine.
- picturatus** Kremer and Deduit, 1961: 701. France.
- pifanoi** Ortiz, 1951c: 588. Venezuela.

- tricoloratus* Wirth and Blanton, 1953b: 233. Panama.
- pikongkoi** Howarth, 1985: 51. Laos.
- piliferus** Root and Hoffman, 1937: 163. USA (Maryland).
- pilosipennis** Kieffer, 1925e: 257. Egypt.
- pilosus** Wirth and Blanton, 1959: 332. Panama.
- pingtanensis** Yu, 1982: 202. China.
- platiradius** Tokunaga, 1963b: 128. Papua New Guinea.
- plaumanni** Spinelli, in Spinelli et al., 1993: 69. Argentina.
- poikilonotus** Macfie, 1948: 82. Mexico.
cacozelus Macfie, 1948: 85. Mexico.
hertigi Wirth and Blanton, 1953b: 229. Panama.
- polynesiae** Wirth and Arnaud, 1969: 518. American Samoa (USA).
- polypori** Wirth and Blanton, 1968a: 212. Panama.
- polystictus** Kieffer, 1921c: 181. Paraguay.
- pongsomiensis** Chu, 1986: 254. Cambodia.
- popayanensis** Wirth and Lee, 1967: 10. Colombia.
- poperinghensis** Goetghebuer, 1953: 127. Belgium.
- posoensis** Wirth and Blanton, 1969a: 562. USA (California).
- pretoriensis** Kremer and Nevill, 1972: 464. South Africa.
- prolixipalpis** Wirth and Hubert, 1989: 426. Malaysia.
- propinquus** Macfie, 1948: 81. Mexico.
- propriipennis** Macfie, 1948: 84. Mexico.
- prussicus** Szadziowski, 1988: 48. Baltic region. Eocene.
- pseudocrescentis** Tavares and Luna Dias, 1980: 397. Brazil.
- pseudocordiger** Wirth and Hubert, 1989: 447. Malaysia.
- pseudodiabolicus** Fox, 1946a: 256. Trinidad and Tobago.
- pseudoheliconiae** Felipe-Bauer, in Felipe-Bauer et al., 2008a: 260. Peru.
- pseudoheliophilus** Callot and Kremer, 1961a: 682. France.
albihalteratus Goetghebuer, 1935b: 414 (as variety of *neglectus*, preoccupied by *Dasyhelea albohalteratus* (Santos Abreu), 1918). Belgium.
- pseudolangeroni** Kremer, Chaker and Delécolle, 1981: 291. Tunisia.
- pseudopallidipennis** Clastrier, 1958b: 197. Senegal.
- pseudopallidus** Khalaf, 1961: 466. Iraq.
- pseudopalpalis** Wirth and Hubert, 1989: 394. Indonesia.
- pseudoregalis** Majumdar and Das Gupta, in Majumdar et al., 1997: 30. India.
- pseudosalinarius** Chu, 1981: 309. China.
- pseudostigmatus** Tokunaga, 1959: 234. Indonesia.
- pulchellus** Liu and Zhao, 1998: 12. China.
- pulchripennis** Macfie, 1939c: 200. Brazil.
- pulicaris** (Linnaeus), 1758: 603 (*Culex*). Europe.
setosinervis Kieffer, 1913a: 8. Germany.
pullatus Kieffer, 1915a: 474. Germany.
stephensi Carter, 1916: 135. Egypt.
cinerellus Kieffer, 1919a: 40. Ukraine.
quinquepunctatus Goetghebuer, 1921: 177. Belgium.
flaviplumus Kieffer, 1924a: 19. Germany.
sawamotoi Kono and Takahasi, 1940: 75. Russia.
- pumilus** (Winnertz), 1852: 46 (*Ceratopogon*). Germany.
- punctatus** (Meigen), 1804: 29 (*Ceratopogon*). Europe.
punctatus Latreille, 1809: 252 (preoccupied by *Culicoides punctatus* (Meigen), 1804). France.
ocellaris Kieffer, 1921d: 276 (as variety of *pulicaris*). Latvia.
kasachstanicus Shakirzjanova, 1963: 63 (as subspecies of *pulicaris*). Kazakhstan.
- puncticollis** (Becker), 1903: 75 (*Ceratopogon*). Egypt.
algecirensis (Strobl), 1900: 170 (*Ceratopogon*, as form of *pulicaris*). Spain. Name suppressed by ICZN Opinion

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- impressus* Kieffer, 1918a: 47. Tunisia.
distigma Kieffer, 1922g: 502. Algeria.
donatieni Kieffer, 1922g: 504. Algeria.
sciniphes Kieffer, 1925e: 261. Egypt.
bipunctatus Vimmer, 1932: 133. Israel.
tripunctatus Vimmer, 1932: 137. Israel.
wenigi Vimmer, 1932: 138. Israel.
flavitarsis Vimmer, 1932: 137. Israel.
griseovittatus Vimmer, 1932: 133. Israel.
luteosignatus Vimmer, 1932: 140. Israel.
vavrai Vimmer, 1932: 140. Israel.
- punctithorax** Carter, Ingram and Macfie, 1920: 235. Ghana.
pungobovis Liu, Yan and Liu, 1996: 35. China.
puracensis Wirth and Lee, 1967: 7. Colombia.
puripennis Austen, 1921: 109. Israel.
purus Lee and Reye, 1963: 352. Australia (New South Wales).
pusilloides Wirth and Blanton, 1955a: 104. Panama.
pusillus Lutz, 1913: 52. Brazil.
putianensis Lee, 1988: 96. China.
pycnostictus Ingram and Macfie, 1925: 284. Malawi.
alexis de Meillon, 1936: 147. South Africa.
meeserellus de Meillon, 1936: 151. South Africa.
hysipyles de Meillon, 1936: 156. South Africa.
- pygmaeus** Tokunaga, 1963b: 139. Indonesia.
qabdoensis Lee, 1979a: 103. China.
qianshanensis Fei, 1982: 105. China.
qianweiensis Yu, 1982: 202. China.
qingdaoensis Kong and Yu, 1990: 58. China.
qinghaiensis Fei and Lee, 1984a: 182. China.
qionghaiensis Yu and Liu, 1990: 4. China.
qiongzhongensis Liu, Yan and Liu, 1996: 35. China.
quadrisignatus Kieffer, 1921b: 16. Cameroon.
quadrivittatus Vimmer, 1932: 136. Israel.
quasiparaensis Clastrier, 1971: 286. French Guiana.
quasiregalis Majumdar and Das Gupta, *in* Majumdar et al., 1997: 30. India.
quatei Wirth and Hubert, 1989: 333. Malaysia.
quaterifasciatus Tokunaga, 1959: 240. Papua New Guinea.
queenslandae Dyce and Wirth, 1997: 589. Australia (Queensland).
qufuensis Xue and Yu, *in* Xue et al., 1992: 52. China.
quinquelineatus Goetghebuer, 1934d: 192. Democratic Republic of the Congo.
quinquemaculatus Vimmer, 1932: 132. Israel.
quqiaoensis Chen, *in* Lee, 1988: 99. China.
rabauli Macfie, 1939b: 367. Papua New Guinea.
angularis Lee and Reye, 1953: 384. Australia (New South Wales).
rachoui Tavares and Souza, 1978: 622. Brazil.
radiomaculatus Khamala and Kettle, 1971: 85. Kenya.
rageaui Vattier and Adam, 1966b: 727. Congo.
rangeli Ortiz and Mirsa, 1952b: 126. Venezuela.
donajii Vargas, 1954: 28. Mexico.
patulipalpis Wirth and Blanton, 1959: 421. Panama.
raposoensis Wirth and Barreto, 1978: 561. Colombia.
raripalpis Smith, 1929: 256 (1932: 181). India.
rariradialis Das Gupta, 1963: 34. India.

- rarus** Das Gupta, 1963: 40. India.
- ravus** de Meillon, 1936: 151. South Africa.
tokwensis de Meillon, 1942a: 97. Zimbabwe.
fuscicaudae Macfie, 1947b: 75. Sudan.
subravus Cornet and Chateau, 1971: 167. Senegal.
- reconditus** Campbell and Pelham-Clinton, 1960: 227. Great Britain.
- recurvus** Delfinado, 1961: 663. Philippines.
- reevesi** Wirth, 1952a: 193. USA (California).
- regalis** Majumdar and Das Gupta, *in* Majumdar et al., 1997: 31. India.
- remerki** Boorman and Dipeolu, 1979: 51. Nigeria.
- remotus** Kieffer, 1918a: 54. Guinea.
- reticulatus** Lutz, 1913: 49. Brazil.
- rhizophorensis** Khamala and Kettle, 1971: 77. Kenya.
- ribeiroi** Lemblé, Messaddeq, Capela and Kremer, 1990: 267. Portugal.
- riebi** Delécolle, Mathieu, and Baldet, 2005: 70. France.
- riethi** Kieffer, 1914a: 237. Germany.
cordatus Kieffer, 1921h: 114 (1921d: 275). Latvia.
crassiforceps Kieffer, 1924a: 15. Germany.
- riggsi** Khalaf, 1957a: 198 (as subspecies of *piliferus*). USA (Oklahoma).
- riouxi** Callot and Kremer, 1961a: 679. France.
- ritzei** Dzhafarov, 1964: 346. Georgia.
- robini** Cornet, 1970: 352. Senegal.
- rochenus** Cambournac, 1970a: 250. Portugal.
- rodriguezii** Ortiz, 1968: 67. Venezuela.
- ronderosae** Spinelli and Borkent, 2004a: 377. Costa Rica.
- rostratus** Wirth and Blanton, 1956b: 218. Panama.
- rubzovi** Dzhafarov, 1960a: 1181. Azerbaijan.
- rugulithecus** Wirth and Hubert, 1989: 113. Malaysia.
- ruiliensis** Lee, 1980: 86. China.
- ruizi** Forattini, 1954a: 189. Brazil.
- rutilus** Ingram and Macfie, 1921: 326 (as variety of *inornatipennis*). Ghana.
- rutshuruensis** Goetghebuer, 1935d: 174. Democratic Republic of the Congo.
- ryckmani** Wirth and Hubert, 1960a: 656. USA (California).
- saboyae** Cornet, 1970: 355. Senegal.
- sabroskyi** Tokunaga, *in* Tokunaga and Murachi, 1959: 336. Belau (USA).
- sacrilegus** Xue and Yu, 1991: 53. China.
- saevanicus** Dzhafarov, 1960b: 94. Armenia.
- saevus** Kieffer, 1922g: 506. Algeria.
drengskii Zilahi-Sebess, 1934: 154. Bulgaria.
puncticeps Goetghebuer, 1934a: 91. Austria.
micromaculithorax Khalaf, 1957b: 340. Iraq.
- sahariensis** Kieffer, 1923a: 678. Algeria.
baghdadensis Khalaf, 1957b: 341 (as subspecies of *similis*). Iraq.
coluzzii Callot, Kremer and Bailly-Choumara, 1970: 710. Tunisia.
- sajanicus** Mirzaeva, 1971: 35. Russia.
- salebrosus** Liu and Shi *in* Liu, Gong, Zhang, and Shi 2003: 360. China.
- salihi** Khalaf, 1952b: 351. USA (Oklahoma).
- salinarius** Kieffer, 1914a: 236. Germany.
halobius Kieffer, 1914a: 237. Germany.
meinerti Kieffer, 1915c: 284. Denmark.
punctatidorsum Kieffer, 1924a: 17. Germany.
- saltaensis** Spinelli and Wirth, 1984a: 183. Argentina.
- saltonensis** Wirth, 1952a: 173 (as subspecies of *cockerellii*). USA (California).
- samoensis** Wirth and Arnaud, 1969: 513. American Samoa (USA).

- sanguisuga** (Coquillett), 1901a: 604 (*Ceratopogon*). USA (Maryland).
- saninensis** Tokunaga, 1956: 116. Japan.
epactius Arnaud, 1956a: 102. Japan.
litus Arnaud, 1956a: 111. Japan.
- santanderi** Browne, 1980: 536. Colombia.
- santonicus** Callot, Kremer, Rault and Bach, 1966: 514. France.
- sarawakensis** Wirth and Hubert, 1959: 28. Malaysia.
- sasai** Kitaoka, 1975: 192. Japan.
- saundersi** Wirth and Blanton, 1969a: 557. USA (Washington).
- scanloni** Wirth and Hubert, 1962: 187. USA (Virginia).
- schramae** Giles, Wirth and Messersmith, 1981: 539. Sri Lanka.
roswelli Giles and Wirth, 1983: 38. Sri Lanka.
- schultzei** (Enderlein), 1908: 459 (*Ceratopogon*). Namibia.
irroratus Goetghebuer, 1948b: 12. Democratic Republic of the Congo.
- scopus** Root and Hoffman, 1937: 170. Mexico.
- scoticus** Downes and Kettle, 1952: 65. Great Britain.
- segnis** Campbell and Pelham-Clinton, 1960: 232. Great Britain.
- sejfadinei** Dzhafarov, 1958: 247. Azerbaijan.
flavidus Dzhafarov, 1959: 470. Azerbaijan.
- selangorensis** Wirth and Hubert, 1989: 355. Malaysia.
- sellersi** Boorman and Dipeolu, 1979: 55. Nigeria.
- semicircum** Tokunaga, 1959: 208. Indonesia.
- semimaculatus** Clastrier, 1958a: 55. Algeria.
karajevi Dzhafarov, 1961c: 77. Azerbaijan.
- sensillatus** Mirzaeva, 1971: 33. Russia.
kuraiensis Remm, 1972: 82. Russia.
- sergenti** Kieffer, 1921h: 113. Algeria.
citrinellus Kieffer, 1923a: 674. Algeria.
mosulensis Khalaf, 1957b: 339. Iraq.
turkmenicus Gutsevich, 1959: 678. Turkmenistan.
- shahgudiani** Navai, 1973: 201. Iran.
- shaklawensis** Khalaf, 1957b: 345. Iraq.
caspius Gutsevich, 1959: 676. Russia.
- shamaensis** Yu and Deng, in Zhang et al., 1990: 31. China.
- shermani** Causey, 1938: 404. Thailand.
- shimoniensis** Khamala and Kettle, 1971: 54. Kenya.
- shortti** Smith and Swaminath, 1932: 183. India.
fortis Sen and Das Gupta, 1959a: 622. India.
- siamensis** Wirth and Hubert, 1989: 359. Thailand.
- sibiricus** Mirzaeva, 1964: 218. Russia.
- sierrensis** Wirth and Blanton, 1969b: 232. USA (California).
- sigmoidus** Lee and Reye, 1963: 359. Australia (Capital Territory).
- signatus** Kieffer, 1921b: 19. Sudan.
- sikkimensis** Das Gupta, 1963: 35. India.
- silvestrii** Kieffer, 1918a: 50. Cameroon.
- similis** Carter, Ingram and Macfie, 1920: 255. Ghana.
- simulans** Vimmer, 1932: 136. Israel.
- simulator** Edwards, in Edwards et al., 1939: 40. Great Britain.
- sinanoensis** Tokunaga, 1937a: 331. Japan.
obsoletiformis Amosova, 1957: 233. Russia.
- sitiens** Wirth and Hubert, 1960a: 652. USA (California).
- slovacus** Országh, 1969: 1. Slovak Republic.
- smeei** Tokunaga, 1960b: 73. Papua New Guinea.
- snowi** Wirth and Jones, 1956: 163. USA (Virginia).

- sogdianus** Gutsevich, 1966: 673. Uzbekistan.
- sommermanae** Wirth and Blanton, 1969b: 234. USA (Alaska).
- sonorensis** Wirth and Jones, 1957: 18 (as subspecies of *variipennis*). USA (Arizona).
albertensis Wirth and Jones, 1957: 17 (as subspecies of *variipennis*). Canada (Alberta).
australis Wirth and Jones, 1957: 15 (as subspecies of *variipennis*). USA (Louisiana).
- sordidellus** (Zetterstedt), 1838: 820 (*Ceratopogon*). Greenland (Denmark).
- sousadiasi** Caeiro, 1961: 309. Angola.
- speciosus** (Meunier), 1904a: 229 (1904b: 240) (*Ceratopogon*). Baltic region. Eocene.
- sphagnumensis** Williams, 1955: 269. USA (Michigan).
laticola Arnaud, 1956a: 110 (as *laciocola*). Japan.
carjalaensis Glukhova, 1957: 249. Russia.
- sphenostylus** Remm, 1976b: 112. Russia. Upper Cretaceous.
- spiculae** Howarth, 1985: 53. Laos.
- spinapenis** Yu and Hao, *in* Hao et al., 1990: 41. China.
- spinosus** Root and Hoffman, 1937: 172. USA (Maryland).
- spinoverbosus** Qu and Wang, 1994: 488. China.
- spinulosus** Khamala and Kettle, 1971: 87. Uganda.
- spurius** Wirth and Blanton, 1959: 433. Panama.
- stagetus** Lee, 1979b: 33. China.
- stanicicus** Shevchenko, 1970a: 84. Ukraine.
- stellaris** Yu and Liu, 1990: 6. China.
- stellifer** (Coquillett), 1901a: 604 (*Ceratopogon*). USA (District of Columbia).
- stepicola** Remm, *in* Remm and Zhogolev, 1968: 838. Ukraine.
markevitshi Shevchenko, 1969: 47. Ukraine.
aquilinus Smatov and Kravets, 1976: 284. Kazakhstan.
- stercorarius** Khamala and Kettle, 1971: 60. Uganda.
- stigma** (Meigen), 1818: 73 (*Ceratopogon*). Europe.
kiefferi Goetghebuer, 1910: 96. Belgium.
cordiformitarsis Carter, 1916: 134. Egypt.
unimaculatus Goetghebuer, 1920: 57. New name for *kiefferi*.
stigmoides Callot, Kremer and Deduit, 1962: 166. France.
- stigmalis** Wirth, 1952d: 245. Guatemala.
- stigmaticus** Kieffer, 1911d: 4. Germany.
- stilobezzioides** Foote and Pratt, 1954: 33. USA (New York).
- stonei** James, 1943: 149. USA (Colorado).
weesei Khalaf, 1952a: 65 (1952b: 351). USA (Oklahoma).
- stupulosus** Yu and Zhang, *in* Deng et al., 1990: 35. China.
- suarezi** Rodriguez and Wirth, 1986: 313. Colombia.
- subarakawae** Yu and Zou, *in* Hao et al., 1990: 41. China.
- subchangbaiensis** Liu and Ren, *in* Liu et al., 2010: 64. China.
- subcircumscriptus** Yu, 1982: 202. China.
- subdubius** Tokunaga, 1962c: 53. Japan.
- subfagineus** Delécolle and Ortega, 1998: 285. Spain.
- subfasciipennis** Kieffer, 1919a: 44. Hungary.
analisis Kieffer, 1925d: 81 (as variety of *subfasciipennis*, preoccupied by *Culicoides analis* Santos Abreu, 1918).
Belgium.
- subgedanensis** Szadziewski, 1993: 608. Germany. Eocene.
- subgrisescens** Dzhafarov, 1964: 249. Azerbaijan.
- subimmaculatus** Lee and Reye, 1953: 375. Australia (New South Wales).
- sublatifrons** Smatov and Isimbekov, 1971: 61. Kazakhstan.
- sublettei** Atchley, 1967: 997. USA (New Mexico).
- submagnesianus** Tokunaga, 1962b: 484. Papua New Guinea.
- subpalpifer** Lee, 1988: 104 (as *subpalpifer* Wirth and Hubert). China.
subpalpifer Wirth and Hubert, 1989: 115 (preoccupied by *Culicoides subpalpifer* Lee, 1988). Malaysia.

- subpunctatus** Liu and Yu, 1996: 137 (Liu et al., 1999: 341). China.
- subregalis** Majumdar and Das Gupta, *in* Majumdar et al., 1997: 31. India.
- subschultzei** Cornet and Brunhes, 1994: 158. South Africa.
- subsejfadinei** Liu, Wang and Hao, 1999: 201. China.
- subsylvarum** Remm, 1981: 32. Russia.
- succineus** Remm, 1976b: 113. Russia. Upper Cretaceous.
- succivarius** Szadziowski, 1988: 40. Poland. Eocene.
- sumatrae** Macfie, 1934c: 190 (1934d: 215). Malaysia.
amamiensis Tokunaga, 1937a: 325. Japan.
kagiensis Tokunaga, 1937a: 327. Taiwan.
ohmorii Takahashi, 1958: 113 (as subspecies of *amamiensis*). Japan.
assimilis Delfinado, 1961: 660. Philippines.
- superfluthecus** Yu and Li, *in* Yu et al., 1986: 210. China.
- suspectus** Zhou and Lee, 1984b: 294. China.
- suzukii** Kitaoka, 1973: 212. Japan.
- swaminathi** Majumdar and Das Gupta, *in* Gangopadhyay and Das Gupta, 2000: 128. India.
- sylvicola** Khamala and Kettle, 1971: 36. Kenya.
- tadzhikistanicus** Zhogolev, 1969: 114. Tajikistan.
- tahemanensis** Liu and Ma, 2001: 199. China.
- tainanus** Kieffer, 1916b: 114. Taiwan.
maculatus (Shiraki), 1913: 294 (*Ceratopogon*, preoccupied by *Atrichopogon maculatus* (Lundström), 1910). Taiwan.
kii Tokunaga, 1937a: 284. Japan.
sgaensis Tokunaga, 1937a: 322. Japan.
kyotoensis Tokunaga, 1937a: 329. Japan.
suborientalis Tokunaga, 1951: 106. Indonesia.
- taipingshanensis** Liu and Guo, 2009:50. China.
- taiwanensis** Kitaoka and Tanaka, 1985: 44. Taiwan.
- talgariensis** Gutsevich and Smatov, 1966: 74. Kazakhstan.
- tamada** Howarth, 1985: 39. Laos.
- tamaensis** Perruolo, 2006a: 115. Venezuela.
- tamboensis** Wirth and Lee, 1967: 20. Colombia.
- taonanensis** Ren, Wang and Liu, 2006: 388. China.
- tarapaca** Spinelli and Wirth, 1984a: 184. Chile.
- tatebeae** Kitaoka, 1991: 291. Japan.
- tauffliebi** Clastrier, 1960a: 96. Congo.
- tauricus** Gutsevich, 1959: 677. Ukraine.
- tavaresi** Felipe-Bauer and Wirth, 1988: 261. Brazil.
- tawauensis** Wirth and Hubert, 1989: 161. Malaysia.
- taylori** (Boorman and Lane), 1979: 327 (*Neoculicoides*). Nigeria.
- tayulingensis** Chen, 1983: 77 (1988: 153). China.
- tbiliscus** Dzhafarov, 1964: 309. Azerbaijan, Georgia.
dendriticus Boorman, 1976: 102. Great Britain.
- tentorius** Austen, 1921: 110. Israel.
- tenuifasciatus** Wirth and Hubert, 1989: 243. Malaysia.
- tenuilobus** Wirth and Blanton, 1959: 354. Panama.
- tenuipalpis** Wirth and Hubert, 1959: 16. Taiwan.
- tenuipennis** Statz, 1944: 147. Germany. Oligocene.
- tenuistylus** Wirth, 1952a: 178. USA (California).
- teretipalpis** Wirth and Barreto, 1978: 557. Colombia.
- tessellatus** Yu, 1982: 202. China.
- testudinalis** Wirth and Hubert, 1962: 191. USA (Pennsylvania).
- tetrathyris** Wirth and Blanton, 1959: 409. Panama.
- thurmanae** Wirth and Hubert, 1989: 360. Thailand.
- tianmushaensis** Chu, 1981: 310. China.

- tiaratus** Liu and Zhao, *in* Yu et al., 2005: 1109. China.
- tibetensis** Chu, 1977: 102. China.
- tidwelli** Spinelli, *in* Spinelli et al., 1993: 74. Colombia.
- tienhsiagensis** Chen, 1983: 78 (1988: 153). China.
- tissoti** Wirth and Blanton, 1966: 279. USA (Florida).
- tobaensis** Tokunaga, 1937a: 317. Japan.
- todatangae** Wirth and Blanton, 1973: 447. Brazil.
- tohokuensis** Okada, 1941: 16. Japan.
- tokunagai** Arnaud, 1956a: 132. Japan.
- tonmai** Howarth, 1985: 30. Laos.
- tororoensis** Khamala and Kettle, 1971: 48. Uganda.
- torreyae** Wirth and Blanton, 1971c: 73. USA (Florida).
- torridus** Wirth and Hubert, 1960a: 654. Mexico.
- toshiokai** Kitaoka, 1975: 194. Japan.
- towadaensis** Okada, 1941: 25. Japan.
- toyamaruae** Arnaud, 1956a: 133. Japan.
- translucens** Khamala and Kettle, 1971: 83. Tanzania.
- trapidoi** Wirth and Barreto, 1978: 554. Colombia.
- travassosi** Forattini, 1957: 198. Brazil.
- travisi** Vargas, 1949: 233. New name for *simulans*.
simulans Root and Hoffman, 1937: 167 (preoccupied by *Culicoides simulans* Vimmer, 1932). USA (Maryland).
horneae Foote and Pratt, 1954: 25. USA (New York).
- triallantionis** Howarth, 1985: 42. Laos.
- triangulatus** Shevchenko, 1970b: 11. Ukraine.
- trifasciellus** Goetghebuer, 1935d: 175. Democratic Republic of the Congo.
- trifidus** Spinelli and Borkent, 2004a: 385. Costa Rica.
- trilineatus** Fox, 1946a: 250. Virgin Islands (USA).
- trimaculatus** McDonald and Lu, 1972: 415. Taiwan.
- trimaculipennis** Wirth and Hubert, 1989: 245. Malaysia.
- trinidadensis** Hoffman, 1925: 286. Trinidad and Tobago.
oliveri Fox and Hoffman, 1944: 108. Haiti.
wokei Barbosa, 1947: 28 (preoccupied by *Culicoides wokei* Fox, 1947). Panama.
diminutus Barbosa, 1951: 163. New name for *wokei*.
- tripallidus** Tokunaga, 1959: 220. Papua New Guinea.
- trisignatus** Kieffer, 1921b: 21. Cameroon.
- tristanii** Huttel, Huttel and Verdier, 1953: 100. Gabon.
- tristriatulus** Hoffman, 1925: 294 (as variety of *cockerellii*). USA (California).
- tritenuifasciatus** Tokunaga, 1959: 242. Papua New Guinea.
- trivittatus** Vimmer, 1932: 136. Israel.
subneglectus Vimmer, 1932: 139. Israel.
bulbostylus Khalaf, 1961: 463. Iraq.
- trizonatus** Tokunaga, 1963b: 134. Papua New Guinea.
- tropicalis** Kieffer, 1913e: 10. Kenya.
babrius de Meillon, 1943: 112. Zimbabwe.
- trouilleti** Itoua and Cornet, 1986: 239. Congo.
- truncatus** Borkent, 2000b: 461. USA (New Jersey). Upper Cretaceous.
- truncorum** Edwards, *in* Edwards et al., 1939: 41. Great Britain.
sylvarum Callot and Kremer, 1961b: 389. France.
- tsutaensis** Wada, 1990: 65. Japan.
- tuamsombooni** Kitaoka, Takaoka and Choochote, 2005: 290. Thailand.
- tunkinensis** Mirzaeva, 1985: 97. Russia.
- turanicus** Gutsevich and Smatov, *in* Smatov and Isimbekov, 1971: 61. New name for *kasachstanicus*.
kasachstanicus Gutsevich and Smatov, 1966: 70 (preoccupied by *Culicoides kasachstanicus* Shakirzjanova, 1963).
Kazakhstan.

- turgeopalpus** Liu and Yu, 1990: 23. China.
- turgidus** Sen and Das Gupta, 1959a: 626. India.
- tuttifrutti** Meiswinkel, Cornet and Dyce, *in* Meiswinkel and Linton, 2003: 42. South Africa.
- tyrrelli** (Boesel), 1937: 48 (*Dasyhelea*). Canada (Manitoba). Upper Cretaceous.
- ukrainensis** Shevchenko, 1970b: 14. Ukraine.
- uncistylus** Wirth and Hubert, 1989: 449. Philippines.
- undentaris** Liu, 2002: 191. China.
- unetensis** Perruolo, 2001: 35. Venezuela.
- unicolor** (Coquillett), 1905: 65 (*Ceratopogon*). USA (California).
- unicus** Delfinado, 1961: 665. Philippines.
- uniradialis** Wirth and Blanton, 1953a: 70. Panama.
- univittatus** Vimmer, 1932: 139. Israel
agathensis Callot, Kremer and Rioux, 1963: 121. France.
- uruguayensis** Ronderos, 1990a: 117. Uruguay.
- usingeri** Wirth, 1952a: 192. USA (California).
- ustinovi** Shevchenko, 1962: 673. Ukraine.
- utahensis** Fox, 1946b: 246. USA (Utah).
- utowana** Jamnback, 1965: 109. USA (New York).
- variatus** Liu, Yan and Liu, 1996: 36. China.
- variifrons** Glukhova and Ivanov, *in* Ivanov and Glukhova, 1967: 810. Russia.
- variipennis** (Coquillett), 1901a: 602 (*Ceratopogon*). USA (Virginia).
- venezuelensis** Ortiz and Mirsa, 1950: 137. Venezuela.
pictipennis (Philippi), 1865: 628 (*Psychophaena*, preoccupied by *Culicoides pictipennis* (Staeger), 1839). Chile.
ortizi Fox, 1952: 366. Venezuela.
- ventralis** Borkent, *in* Borkent and Wirth, 1997: 84. New name for *abdominalis*.
abdominalis Statz, 1944: 145 (preoccupied by *Dasyhelea abdominalis* (Santos Abreu), 1918). Germany. Oligocene.
- venustus** Hoffman, 1925: 290. USA (Maryland).
- verbosus** Tokunaga, 1937a: 303. Taiwan.
- verecundus** Macfie, 1948: 76. Mexico.
- vernoni** Wirth and Blanton, 1973: 448. Brazil.
- vespertinus** Yu and Ma, *in* Ma et al., 1990: 48. China.
- vetustus** Breidenbaugh and Mullens, 1999: 156. USA (California).
- vexans** (Staeger), 1839: 593 (*Ceratopogon*). Denmark.
pungens (Kieffer), 1901a: 163 (*Palpomyia*). France.
perpungens Kieffer, 1919a: 33. New name for *pungens*.
ajbassovi Shakirzjanova, 1962: 254. Kazakhstan.
- vicinus** Clastrier, 1960a: 104. New name for *intermedius*.
intermedius Clastrier, 1959a: 173 (preoccupied by *Dasyhelea intermedia* (Santos Abreu), 1918). Senegal.
- victoriae** Macfie, 1941: 67. Australia (Victoria).
magnimaculatus Lee and Reye, 1953: 388. Australia (New South Wales).
- vidourensis** Callot, Kremer, Molet and Bach, 1968: 99. France.
- villosipennis** Root and Hoffman, 1937: 165. USA (Maryland).
- vitreipennis** Austen, 1921: 108. Israel.
- vitshumbiensis** Goetghebuer, 1935d: 176. Democratic Republic of the Congo.
- volcanensis** Wirth and Blanton, 1959: 389. Panama.
- vomensis** Boorman and Dipeolu, 1979: 61. Nigeria.
- wadai** Kitaoka, 1980: 14. Japan.
- wakuensis** McDonald, Bolinguit and Lu, 1973: 647. Japan.
chaetocellaris Kitaoka, 1973: 214. Japan.
- walkeri** Boorman, 1979: 69. Kenya.
- wallacei** Wirth and Blanton, 1973: 449. Brazil.
- wandashanensis** Wang and Liu, 1999: 328. China.
- wansoni** Goetghebuer, 1935c: 477. Democratic Republic of the Congo.
obscuripennis Clastrier and Wirth, 1961b: 318. Gambia.

- wardi** Boorman, 1989: 209. United Arab Emirates.
- waringi** Lee and Reye, 1955: 240. Australia (Western Australia).
- wenzeli** Delfiando, 1961: 649. Philippines.
- wernerii** Wirth and Blanton, 1971b: 463. USA (Arizona).
- williamsi** Spinelli, *in* Spinelli et al., 2005: 147. Paraguay.
- willistoni** Wirth and Blanton, 1953c: 116. Panama.
- williwilli** Lee and Reye, 1955: 234. Australia (New South Wales).
- wirthi** Foote and Pratt, 1954: 36. USA (Montana).
- wirthomyia** Vargas, 1953b: 227. Mexico.
- wisconsinensis** Jones, 1956: 32. USA (Wisconsin).
- wokei** Fox, 1947: 90. Panama.
aethionotus Wirth and Blanton, 1955b: 121. Panama.
- wuyiensis** Chen, 1981: 93 (1982: 129). China.
- xanifer** Wirth and Blanton, 1968a: 210. Panama.
- xanthoceras** Kieffer, 1917a: 186. Papua New Guinea.
- xanthogaster** Kieffer, 1918a: 53. Guinea.
- xinghaiensis** Yu, 1982: 202. China.
- xinjiangensis** Chu, Qian and Ma, 1982: 107. China.
- xinpingensis** Qu and Liu, 1982: 101. China.
- yanbianensis** Liu, Wu and Wang, 2006:321. China.
- yadongensis** Chu, 1984: 24. New name for *spinulosus*.
spinulosus Chu, 1977: 100 (preoccupied by *Culicoides spinulosus* Khamala and Kettle, 1971). China.
- yaeyamaensis** Kitaoka, 1975: 196. Japan.
- yankari** Boorman and Dipeolu, 1979: 62. Nigeria.
- yamii** Lien, Lin and Weng, 1998b:57. Taiwan.
- yaracuyensis** Ortiz, 1959: 364 (as *yaracuyanus*). Venezuela.
- yasumatsui** Tokunaga, 1941a: 113. Micronesia.
lingensis Tokunaga, 1963b: 129. Papua New Guinea.
- yemenensis** Boorman, 1989: 211. Yemen.
- yichunensis** Yu, 1982: 202. China.
- yigongensis** Liu and Deng, 2010: 578. China.
- yoosti** Borkent, 2000b: 462. USA (New Jersey). Upper Cretaceous.
- yoshimurai** Tokunaga, 1941a: 114. Micronesia.
- youngi** Wirth and Barreto, 1978: 562. Colombia.
- yuchihensis** Lien, Lin and Weng, 1998b:58. Taiwan.
- yukonensis** Hoffman, 1925: 291. Canada (Yukon Territory).
- yui** Liu and Hao, *in* Yu et al., 2005: 1117. China.
- yunanensis** Chu and Liu, 1978: 81. China.
- zentae** Bellis and Dyce, 2011: 44. Australia (Queensland).
- zhangmensis** Deng and Yu, *in* Deng et al., 1990: 35. China.
- zhiyingi** Yu and Liu, 1990: 8. China.
- zhogolevi** Remm, *in* Remm and Zhogolev, 1968: 836. Ukraine.
- zhongningensis** Yu, 1982: 201 (1981: 31). China.
- zhuhaiensis** Yu and Hao, *in* Yu, 1988: 137. China.
- zikaensis** Khamala and Kettle, 1971: 56. Uganda.
- zuluensis** de Meillon, 1936: 145. South Africa.
acastus de Meillon, 1947: 118. South Africa.
- zumbadoi** Spinelli and Borkent, 2004a: 383. Costa Rica.
- zyzzamaculatus** Yu, 1982: 202. China.

Genus PARADASYHELEA Macfie

PARADASYHELEA Macfie, 1940f: 17. Type species: *Dasyhelea brevipalpis* Ingram and Macfie, by original designation.

albipunctata Wirth and Lee, 1959: 116. Australia (New South Wales).
boucheti Clastrier, 1989b: 134. New Caledonia (France).
brevipalpis (Ingram and Macfie), 1931a: 178 (*Dasyhelea*). Argentina.
egregria (Macfie), 1932c: 36 (*Dasyhelea*). New Zealand.
harrisoni Wirth, 1981: 384. New Zealand.
ingrami Spinelli and Grogan, 2003: 572. Argentina.
macfie Spinelli and Grogan, 2003: 574. Argentina.
minuta Wirth and Lee, 1959: 118. Australia (New South Wales).
neocaledoniensis Clastrier, 1989b: 135. New Caledonia (France).
olympiae Wirth and Blanton, 1969c: 98. USA (Washington).
reyei Elson-Harris and Kettle, 1985: 233. Australia (Queensland).

Genus WASHINGTONHELEA Wirth and Grogan

WASHINGTONHELEA Wirth and Grogan, 1988: 97. Type species: *Washingtonhelea frommeri* Wirth and Grogan, by original designation.

frommeri Wirth and Grogan, 1988: 98. USA (California).
taimyrica Szadziwski, 1996: 71. Russia. Upper Cretaceous.

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Genus ADELOHELEA Borkent

ADELOHELEA Borkent, 1995: 45. Type species: *Adelohelea glabra* Borkent, by original designation.

glabra Borkent, 1995: 46. Canada (Manitoba). Upper Cretaceous.
magyarica Borkent, 1997c: 6. Hungary. Upper Cretaceous.

Genus AFROHELEA Wirth

AFROHELEA Wirth, 1965b: 230. Type species: *Parabezzia capensis* de Meillon and Hardy, by original designation.

capensis (de Meillon and Hardy), 1954: 67 (*Parabezzia*). South Africa.

Genus AGILIHELEA Yu

AGILIHELEA Yu, *in* Yu et al., 2005: 1326. Type species: *Agilihelea jiania* Yu, by original designation.

jiania Yu, *in* Yu et al., 2005: 1326. China.

Genus ALLOHELEA Kieffer

ALLOHELEA Kieffer, 1917b: 364. Type species: *Sphaeromias pulchripennis* Kieffer, by original designation.

afra Clastrier and Delécolle, 1990: 130. Guinea.
africana (Clastrier), 1960b: 282 (*Monohalea*). Congo.
allocota Yu and Zhang, *in* Yu et al., 2005: 1329. China.
ampligonata (Ratanaworabhan and Wirth), 1972: 468 (*Monohalea*). Malaysia.
annulata Yu and Yan, 2004:37(Yu, *in* Yu et al., 2005: 1330). China.
arboricola Clastrier and Delécolle, 1990: 138. Guinea.
arcuata (Ratanaworabhan and Wirth), 1972: 469 (*Monohalea*). Malaysia.
basiflava (Tokunaga), 1963a: 248 (*Monohalea*). Papua New Guinea.
basilobata (Ratanaworabhan and Wirth), 1972: 463 (*Monohalea*). Malaysia.

- bellula** (Macfie), 1934c: 282 (*Monohelea*). Malaysia.
- borealosinica** Yu and Liu, *in* Yu et al., 2005: 1339. China.
- bottimeri** Wirth, 1991a: 502. USA (Texas).
- brinchangensis** (Ratanaworabhan and Wirth), 1972: 452 (*Monohelea*). Malaysia.
- camptostyla** (Ratanaworabhan and Wirth), 1972: 461 (*Monohelea*). Malaysia.
- capitata** (Ratanaworabhan and Wirth), 1972: 459 (*Monohelea*). Malaysia.
- chelagonata** (Ratanaworabhan and Wirth), 1972: 454 (*Monohelea*). Malaysia.
- digitata** (Ratanaworabhan and Wirth), 1972: 466 (*Monohelea*). Malaysia.
- distortifemur** Wirth, 1991a: 499. USA (Florida).
- fruticosa** Yan and Yu, *in* Liu et al., 1996: 359. China.
- guineensis** Clastrier and Delécolle, 1990: 135. Guinea.
- harpagonifera** (Debenham), 1972: 9 (*Monohelea*). Australia (Capital Territory).
- inflativena** (Tokunaga), 1962a: 214 (*Monohelea*). Japan.
- insularis** (Tokunaga), 1941a: 114 (*Monohelea*). Micronesia.
- japonica** (Udaka), 1959: 20 (*Monohelea*). Japan.
- jianfengensis** Liu and Yu, *in* Liu et al., 1996: 358. China.
- johannseni** (Wirth), 1953b: 153 (*Monohelea*). USA (Virginia).
- kindiae** Clastrier and Delécolle, 1990: 140. Guinea.
- limosa** Clastrier and Delécolle, 1990: 143. Guinea.
- litoraurea** (Ingram and Macfie), 1921: 344 (*Monohelea*). Ghana.
venustula (Goetghebuer), 1935d: 178 (*Monohelea*). Democratic Republic of the Congo.
- makonde** (de Meillon and Wirth), 1983a: 363 (*Monohelea*). South Africa.
- maureenae** (de Meillon and Wirth), 1987a: 53 (*Monohelea*). South Africa.
- meeseri** (de Meillon), 1939a: 16 (*Monohelea*). South Africa.
- mimas** (de Meillon), 1939a: 13 (*Monohelea*). South Africa.
- minxia** Yu and Yan, 2004:39 (Yu and Yan, *in* Yu et al., 2005: 1333). China.
- nebulosa** (Coquillett), 1901a: 606 (*Ceratopogon*). USA (New Jersey).
- neotropica** Wirth, 1991a: 503. Jamaica.
- nigripes** (Ratanaworabhan and Wirth), 1972: 460 (*Monohelea*). Thailand.
- pallifemorata** (Remm), 1980: 91 (*Monohelea*). Tajikistan.
- papuae** (Tokunaga), 1963a: 245 (*Monohelea*). Papua New Guinea.
- parafurcata** (Ratanaworabhan and Wirth), 1972: 458 (*Monohelea*). Malaysia.
- paucimaculata** Clastrier and Delécolle, 1990: 136. Guinea.
- pedicellata** Wirth, 1991a: 502. USA (Florida).
- pulchripennis** (Kieffer), 1911c: 344 (*Sphaeromyias*). Seychelles.
- quatei** (Ratanaworabhan and Wirth), 1972: 457 (*Monohelea*). Malaysia.
- solidipedalis** (Tokunaga), 1963a: 247 (*Monohelea*). Papua New Guinea.
- subgripes** Yu and Deng, *in* Yu et al., 2005: 1336. China.
- superlobata** (Ratanaworabhan and Wirth), 1972: 462 (*Monohelea*). Thailand.
- sylvatica** (Clastrier), 1960b: 284 (*Monohelea*). Congo.
- tenuilobata** (Ratanaworabhan and Wirth), 1972: 455 (*Monohelea*). Thailand.
- tessellata** (Zetterstedt), 1850: 3642 (*Ceratopogon*). Sweden.
illustris (Winnertz), 1852: 53 (*Ceratopogon*). Germany and Great Britain.
- tokunagai** (Remm), 1993: 185 (*Monohelea*). Russia.
- tricuspis** (Debenham), 1972: 10 (*Monohelea*). Australia (New South Wales).
- vespertilio** Szadziewski, Gwizdalska-Kentzer and Gilka, 2011: 644. United Arab Emirates.
- weemsi** Wirth, 1991a: 501. USA (Florida).
- yorkensis** (Debenham), 1972: 27 (*Monohelea*). Australia (Queensland).
- zherihhini** (Remm), 1993: 185 (*Monohelea*). Russia.
- zhuhaiensis** Yu and Hao, *in* Yu et al., 2005: 1337. China.

Genus ALLUAUDOMYIA Kieffer

ALLUAUDOMYIA Kieffer, 1913e: 12. Type species: *Alluaudomyia imparunguis* Kieffer, by monotypy.

NEOCERATOPOGON Malloch, 1915b: 310. Type species: *Ceratopogon bellus* Coquillett, by original designation.
PRIONOGNATHUS Carter, Ingram and Macfie, 1921a: 309 (preoccupied by *Prionognathus* LaFerté-Sénéctère, 1851). Type species: *Prionognathus marmoratus* Carter, Ingram and Macfie, by original designation.
THYSANOGNATHUS Ingram and Macfie, 1922: 244. New name for *Prionognathus* Carter, Ingram and Macfie. Type species: *Prionognathus marmoratus* Carter, Ingram and Macfie, automatic.
ISOECACTA Garrett, 1925: 9. Type species: *Isoecacta poeyi* Garrett (= *Ceratopogon bellus* Coquillett), by original designation.

abonnenci Clastrier, 1958b: 233. Senegal.
abdominalis Wirth and Delfinado, 1964: 606. Malaysia.
acicula Yu, *in* Yu et al., 2005: 1369. China.
adunca Wirth and Delfinado, 1964: 609. Thailand.
albigena Wirth and Delfinado, 1964: 618. Thailand.
albopicta (Ingram and Macfie), 1922: 244 (*Thysanognathus*). Ghana.
alpina Debenham, 1971: 146. Australia (New South Wales).
altalocei Delécolle and Rieb, 1989: 127. France.
amazonica Spinelli and Wirth, 1984c: 676. Brazil.
angulata Wirth and Delfinado, 1964: 611. Malaysia.
annulata Wirth and Delfinado, 1964: 637. Malaysia.
annulipes Wirth and Delfinado, 1964: 637. Thailand.
australiensis Debenham, 1971: 133 (valid subspecies of *annulipes*). Australia (Queensland).
anserina de Meillon and Wirth, 1983a: 354. South Africa.
appendiculata Debenham, 1971: 151. Australia (New South Wales).
asperata Yu and Liu, *in* Yu et al., 2005: 1348. China.
astera Tokunaga, 1963a: 222. Papua New Guinea.
aterivena Tokunaga, 1940d: 154. Japan.
bella (Coquillett), 1902a: 87 (*Ceratopogon*). USA (Washington, D.C.).
poeyi (Garrett), 1925: 9 (*Isoecata*). Canada (British Columbia).
bertrandi Harant and Cellier, 1949: 10. France.
bicornis Debenham, 1971: 159. Australia (Northern Territory).
biestroi Spinelli, 1988: 130. Argentina.
bifasciata Tokunaga, 1963a: 220. Papua New Guinea.
bifurcata Wirth and Delfinado, 1964: 633. Malaysia.
bimaculata Clastrier and Wirth, 1961a: 228. Nigeria.
bipunctata Tokunaga and Murachi, 1959: 356. Belau (USA).
bispinula Zhang and Yu, *in* Zhang et al., 2004: 317 (Yu and Deng, *in* Yu et al., 2005: 1349). China.
bistorta Yu and Zou, *in* Yu et al., 2005: 1377. China.
boucheti Clastrier, 1985c: 194. New Caledonia (France).
brandti Tokunaga, 1963a: 223. Papua New Guinea.
brevicosta Clastrier, 1960b: 261. Congo.
brevis Wirth and Delfinado, 1964: 608. Malaysia.
candidata Yu, 1999: 220. China.
caracalla Yu and Kong, *in* Yu et al., 2005: 1351. China.
caribbeana Spinelli and Wirth, 1984c: 678. Belize.
catarinensis Spinelli and Wirth, 1984c: 681. Brazil.
claudia de Meillon, 1942a: 92. Zimbabwe.
cobra de Meillon and Wirth, 1987a: 41. South Africa.
columinis Liu, Yan and Liu, 1996: 42. China.
congolensis de Meillon, 1939b: 12. Democratic Republic of the Congo.
conjuncta Kieffer, 1918a: 52. Guinea.
crumena Yu and Liu, *in* Yu et al., 2005: 1379. China.
dekeyseri Clastrier, 1958c: 487. Senegal.
delfinadoae Giles and Wirth, 1984: 211. Malaysia.
demeilloni Clastrier and Wirth, 1961a: 223. Nigeria.

debilipennis Sinha, Mazumdar and Chaudhuri, 2005: 116. India.
desma Yu, *in* Yu et al., 2005: 1346. China.
distispinulosa Spinelli and Wirth, 1984c: 682. Brazil.
epsteini Giles and Wirth, 1987: 459. New Caledonia (France).
estevezae Spinelli and Wirth, 1984c: 684. Mexico.
exigua Clastrier, 1985c: 193. New Caledonia (France).
falcata de Meillon and Wirth, 1983a: 356. South Africa.
fimbriatinervis Clastrier, 1958b: 230. Senegal.
finitima Sinha, Mazumdar and Chaudhuri, 2005: 118. India.
fittkai Spinelli and Wirth, 1984c: 686. Brazil.
flexistyla Chaudhuri and Ghosh, 1980: 422. India.
flexuosa Yu and Hao, *in* Yu et al., 2005: 1352. China.
footei Wirth, 1952c: 428. USA (Florida).
forcipulata Yu and Liu, *in* Yu et al., 2005: 1372. China.
formosana Okada, 1942: 317 (as variety of *maculipennis*). Taiwan.
fragilicornis Clastrier, 1958c: 489. Senegal.
fragmentum Debenham, 1971: 163. Australia (Northern Territory).
fregata Yu, Li and Nie, *in* Nie et al., 2009: 162. China (on ship from Paradip, India).
fumosipennis Debenham, 1971: 135. Australia (Northern Territory).
fuscipennis Wirth and Delfinado, 1964: 612. Thailand.
fuscipes Wirth and Delfinado, 1964: 606. Malaysia.
fuscitarsis Chaudhuri, Das Gupta and Chatterjee, 1981: 147. India.
fuscula Yu and Liu, *in* Yu et al., 2005: 1355. China.
gloriosa Kieffer, 1925a: 422. Austria.
griffithi Wirth and Delfinado, 1964: 635. Thailand.
guarani Spinelli, 1988: 131. Uruguay.
halterata Remm, 1993: 187. Russia.
hirsutipennis Clastrier, 1960b: 267. Congo.
huberti Wirth and Delfinado, 1964: 622. Malaysia.
hygropetrica Vaillant, 1954: 228. France.
immaculata Tokunaga, 1963a: 219. Indonesia.
imparunguis Kieffer, 1913e: 12. Kenya.
inaequalis Wirth and Delfinado, 1964: 613. Thailand.
infuscata Wirth and Delfinado, 1964: 621. Malaysia.
inexpectata Clastrier, 1983c: 10. Seychelles.
insignis Chaudhuri, Das Gupta and Chaudhuri, 1972: 94. India.
insulana Tokunaga and Murachi, 1959: 358. Micronesia.
insulicola Tokunaga and Murachi, 1959: 361. Micronesia.
jimmensis Tokunaga, 1963a: 229. Papua New Guinea.
lactella Remm, 1980: 97. Kyrgyzstan.
latipennis (Skuse), 1889: 308 (*Ceratopogon*). Australia (New South Wales).
leei Spinelli and Wirth, 1984c: 687. Colombia.
limosa Clastrier, 1961a: 432. France.
ljabatifeidae Remm, 1967: 27 (as *latifeidae*). Azerbaijan.
longzhouensis Hao and Yu, 1991: 45. China.
lousi de Meillon and Wirth, 1981b: 535. South Africa.
lucania Li and Yu, 1997: 124. China.
lunata de Meillon and Wirth, 1983a: 356. South Africa.
macclurei Wirth and Delfinado, 1964: 622. Malaysia.
maculiabdominis Yu, Nie and Li, *in* Nie et al., 2007: 476. Australia or India.
maculipennis (Carter, Ingram and Macfie), 1921a: 316 (*Prionognathus*). Ghana.
maculithorax (Carter, Ingram and Macfie), 1921a: 319 (*Prionognathus*). Ghana.
maculosa de Meillon, 1936: 172. South Africa.
maculosipennis Tokunaga, 1940e: 181 (1940d: 154). Micronesia.

- maculosissima** Wirth and Delfinado, 1964: 624. Indonesia.
- mageobai** de Meillon, Meiswinkel and Wirth, 1982: 134. South Africa.
- magna** Wirth and Delfinado, 1964: 632. Thailand.
- marginalis** Wirth and Delfinado, 1964: 625. Malaysia.
- marmorata** (Carter, Ingram and Macfie), 1921a: 312 (*Prionognathus*). Ghana.
- marmorea** Clastrier, 1960b: 258. Congo.
- mcmillani** Clastrier and Wirth, 1961a: 236. Nigeria.
- megaparamera** Williams, 1957: 327. USA (Michigan).
- meeseri** (de Meillon and Hardy), 1954: 74 (*Ceratopogon*). Zimbabwe.
- melanesiae** Clastrier, 1985c: 190. New Caledonia (France).
- melanosticta** (Ingram and Macfie), 1922: 248 (*Thysanognathus*). Ghana.
- meridiana** Clastrier, 1978: 25. France.
- monopunctata** Tokunaga and Murachi, 1959: 354. Micronesia.
- mouensis** Giles and Wirth, 1987: 463. New Caledonia (France).
- mynistensis** Remm, 1979b: 55. Estonia.
- natalensis** de Meillon, 1939b: 14. South Africa.
- needhami** Thomsen, 1935: 287. USA (New York).
- pentaspila* Remm and Glukhova, 1971: 304. Russia.
- neocaledoniensis** Clastrier, 1985c: 188. New Caledonia (France).
- nilogenes** (Kieffer), 1925e: 262 (*Thysanognathus*). Egypt.
- novaguineae** Tokunaga, 1963a: 227. Papua New Guinea.
- nubeculosa** Spinelli and Wirth, 1984c: 689. Brazil.
- ocellata** Remm, 1980: 99. Tajikistan.
- onoi** Tokunaga, 1972: 15. Japan.
- opacata** Yu, *in* Yu et al., 2005: 1380. China.
- ornatithorax** Chaudhuri, Das Gupta and Chaudhuri, 1972: 89. India.
- pacifica** Clastrier, 1985c: 195. New Caledonia (France).
- papuae** Tokunaga, 1963a: 217. Papua New Guinea.
- parafurcata** Wirth and Delfinado, 1964: 640. Malaysia.
- paraspina** Wirth, 1952c: 429. USA (Georgia).
- parva** Wirth, 1952c: 431. USA (Florida).
- downesi* Wirth, 1952c: 433. USA (Virginia).
- peculiaris** Chaudhuri, Das Gupta and Chaudhuri, 1972: 100. India.
- personata** Debenham, 1971: 133. Australia (Queensland).
- petersi** Tokunaga, 1963a: 228. Papua New Guinea.
- platipyga** Tokunaga, 1963a: 221. Papua New Guinea.
- plaumanni** Spinelli and Wirth, 1984c: 691. Brazil.
- polyommata** Macfie, 1947b: 76. Sudan.
- poguei** Giles and Wirth, 1987: 461. New Caledonia (France).
- prima** Clastrier, 1976: 205. French Guiana.
- pseudomaculipennis** (Carter, Ingram and Macfie), 1921a: 318 (*Prionognathus*). Ghana.
- pseudomaculithorax** Clastrier, 1958b: 225. Senegal.
- pseudomarginalis** Wirth and Delfinado, 1964: 628. Philippines.
- punctiradialis** Chaudhuri, Das Gupta and Chaudhuri, 1972: 97. India.
- punctivenosa** Wirth and Grogan, 1988: 20. New name for *punctiradialis*.
- punctiradialis* Spinelli and Wirth, 1984c: 692 (preoccupied by *Alluaudomyia punctiradialis* Chaudhuri, Das Gupta and Chaudhuri, 1972). Brazil.
- punctulata** Wirth and Delfinado, 1964: 639. Malaysia.
- quadripunctata** (Goetghebuer), 1934c: 288 (*Culicoides*). Russia.
- quadrispina** Tokunaga, 1972: 17. Japan.
- quasivudu** Stam, 1964: 195. Democratic Republic of the Congo.
- quinquenebulosa** Wirth and Delfinado, 1964: 619. Malaysia.
- quinquepicina** Yu and Zhyang, *in* Yu et al., 2005: 1361. China.
- quinquepunctata** Tokunaga, 1940b: 256. Japan.

- remmi** Szadziewski, 1983b: 395. Algeria.
- reyei** Debenham, 1971: 157. Australia (Northern Territory).
- riparia** Clastrier, 1978: 29. France.
falcata Knoz and Ratajsky, 1987: 566 (preoccupied by *Alluaudomyia falcata* de Meillon and Wirth, 1983a). Czech Republic.
bohemiae Boorman, 1997: 173. New name for *falcata*.
- rostrata** Yu and Zhang, in Zhang et al., 2004: 317 (Yu and Deng, in Yu et al., 2005: 1362). China.
- rudolfi** de Meillon and Downes, 1986: 171. South Africa.
- sagaensis** Tokunaga, 1940b: 257. Japan.
- schnacki** Spinelli, 1983b: 403. Argentina.
- sentia** de Meillon, 1936: 175. South Africa.
- sexpunctata** Spinelli and Wirth, 1984c: 695. Colombia.
- shogakii** Tokunaga, 1960a: 74. Japan.
- siebenschwabi** Havelka, 1982: 59. Spain.
- signosoma** Yu and Zhang, in Yu et al., 2005: 1363. China.
- similiforceps** Clastrier, 1960b: 265. Congo.
- simulata** Sinha, Mazumdar and Chaudhuri, 2005: 119. India.
- smeei** Tokunaga, 1963a: 230. Papua New Guinea.
- sophiae** Stam, 1964: 193. Democratic Republic of the Congo.
- sordidipennis** Clastrier and Wirth, 1961a: 233. Gambia.
- soutini** de Meillon and Wirth, 1983a: 359. South Africa.
- spinellii** Wirth and Grogan, 1988: 21. New name for *tripunctata*.
tripunctata Spinelli and Wirth, 1984c: 697 (preoccupied by *Alluaudomyia tripunctata* Chaudhuri, Das Gupta and Chaudhuri, 1972). Colombia.
- spinosiforceps** Clastrier, 1977: 345. Guinea.
- spinosipes** Tokunaga, 1962a: 206. Japan.
- splendens** Liu, Yan and Liu, 1996: 42. China.
- splendida** (Winnertz), 1852: 47 (*Ceratopogon*). Europe.
- sternalis** Wirth and Delfinado, 1964: 617. Thailand.
- stictipennis** Wirth, 1952a: 197. USA (California).
- streptomera** Remm, 1980: 99. Turkmenistan.
- striata** Remm, 1993: 187. Russia.
- subadunca** Chaudhuri, Das Gupta and Chaudhuri, 1972: 95. India.
- subannulata** Wirth and Delfinado, 1964: 636. Malaysia.
- subflexuosa** Yu, in Yu et al., 2005: 1353. China.
- succinea** Szadziewski, 1988: 112. Poland. Eocene.
- tauffliebi** Clastrier, 1960b: 263. Congo.
- tenuiannulata** Spinelli and Wirth, 1984c: 696. Guatemala.
- tenuistylata** Tokunaga, 1959: 296. Indonesia.
- thurmanorum** Wirth and Delfinado, 1964: 629. Thailand.
- tiberghieni** Neveu, 1978: 355. France.
depuncta Remm, 1980: 101. Tajikistan.
- tilliorum** Clastrier, 1985c: 191. New Caledonia (France).
- tokunagai** Wirth and Delfinado, 1964: 633. New name for *splendida*.
splendida Tokunaga, 1963a: 216 (preoccupied by *Alluaudomyia splendida* (Winnertz), 1852). Papua New Guinea.
- transvaalensis** de Meillon, 1947: 119. South Africa.
- tripartita** Okada, 1942: 316 (as variety of *sagaensis*). Taiwan.
- tripunctata** Chaudhuri, Das Gupta and Chaudhuri, 1972: 91. India.
- tropaea** Yu, in Yu et al., 2005: 1366. China.
- typica** Chaudhuri, Das Gupta and Chaudhuri, 1972: 91. India.
- undecimpunctata** Tokunaga, 1940b: 257. Japan.
- unguistyla** Debenham, 1971: 139. Australia (New South Wales).
- ussurica** Isaev, 1993: 70. Russia.
- varia** Debenham, 1971: 154. Australia (Queensland).

variegata Glick and Mullen, 1982: 540. USA (Alabama).
verecunda Debenham, 1971: 143. Papua New Guinea.
vicina Clastrier, 1960b: 260. Congo.
vudu de Meillon and Hardy, 1954: 65. Cameroon.
wansoni de Meillon, 1939b: 10. Democratic Republic of the Congo.
wirthi Williams, 1957: 328. USA (Michigan).
xanthocoma (Kieffer), 1913d: 182 (*Culicoides*). India.
youngi Spinelli and Wirth, 1984c: 699. Colombia.

Genus ANKYLOHELEA de Meillon and Wirth

ANKYLOHELEA de Meillon and Wirth, 1987b: 384. Type species: *Ankylohelea montana* de Meillon and Wirth, by original designation.

montana de Meillon and Wirth, 1987b: 384. South Africa.

Genus ATYPHOHELEA Borkent

ATYPHOHELEA Borkent, 1998: 138. Type species: *Johannsenomyia macroneura* Malloch, by original designation.

cothurnata (Meunier), 1904a: 231 (1904b: 242) (*Ceratopogon*). Baltic region. Eocene.
flagella Meunier, 1904a: 230 (1904b: 241) (*Ceratopogon*). Baltic region. Eocene.
macroneura (Malloch), 1915a: 337 (*Johannsenomyia*). USA (Kansas).
nigra (Wirth), 1952a: 208 (*Neurohelea*). USA (California).

Genus AUSTROHELEA Wirth and Grogan

AUSTROHELEA Wirth and Grogan, 1988: 22. Type species: *Monohelea shannoni* Wirth and Blanton, by original designation.

antipodalis (Ingram and Macfie), 1931b: 205 (*Monohelea*). New Zealand.
brevipes (Lee), 1948c: 355 (*Monohelea*). Australia (Western Australia).
campbellensis (Tokunaga), 1964b: 289 (*Monohelea*). New Zealand.
ferruginea (Macfie), 1932c: 49 (*Monohelea*). New Zealand.
shannoni (Wirth and Blanton), 1972b: 175 (*Monohelea*). Argentina.
tasmaniensis (Lee), 1948c: 354 (*Monohelea*). Australia (Tasmania).
tonnoiri (Macfie), 1932c: 46 (*Monohelea*). New Zealand.

Genus BAEODASYMYIA Clastrier and Raccurt

BAEODASYMYIA Clastrier and Raccurt, 1979b: 100. Type species: *Baeodasymyia modesta* Clastrier and Raccurt, by monotypy.

christopheri Borkent, *in* Borkent and Craig, 1999: 15. Costa Rica.
dominicana Szadziewski and Grogan, 1994: 220. Dominican Republic. Miocene.
gustavoi Borkent, *in* Borkent and Craig, 1999: 20. Paraguay.
lydiae Borkent, *in* Borkent and Craig, 1999: 19. Costa Rica.
michaeli Borkent, *in* Borkent and Craig, 1999: 13. Costa Rica.
modesta Clastrier and Raccurt, 1979b: 100. Haiti.

Genus BAEOHELEA Wirth and Blanton

BAEOHELEA Wirth and Blanton, 1970c: 95. Type species: *Baeohelea nana* Wirth and Blanton, by original designation.

nana Wirth and Blanton, 1970c: 95. Dominica.

Genus BAHIAHELEA Wirth

BAHIAHELEA Wirth, 1992: 276. Type species: *Bahiahelea brasiliensis* Wirth, by original designation.

brasiliensis Wirth, 1992: 280. Brazil.

Genus BOREOHELEA Clastrier and Delécolle

BOREOHELEA Clastrier and Delécolle, 1990: 146. Type species: *Boreohelea afrotropica* Clastrier and Delécolle, by original designation.

afrotropica Clastrier and Delécolle, 1990: 146. Guinea.

Genus BORKENTHELEA Spinelli and Grogan

BORKENTHELEA Spinelli and Grogan, 1993: 321. Type species: *Borkenthelea nothofagus* Spinelli and Grogan, by original designation.

harii Spinelli and Grogan, 2001: 148. Argentina.

nerudai Spinelli and Grogan, 2001: 151. Chile.

nothofagus Spinelli and Grogan, 1993: 323. Argentina.

quatei Spinelli and Grogan, 2001: 153. Argentina.

Genus BOTHERHELEA Grogan and Wirth

BOTHERHELEA Grogan and Wirth, 1983: 199. Type species: *Bothahelea phelpsi* Grogan and Wirth, by original designation.

gigantostyla Grogan and Wirth, 1983: 203. Zimbabwe.

nama de Meillon and Wirth, 1987a: 42. South Africa.

phelpsi Grogan and Wirth, 1983: 200. Zimbabwe.

Genus BOTHAMIA Meiswinkel

BOTHAMIA Meiswinkel, 1987: 300. Type species: *Bothamia demeilloni* Meiswinkel, by original designation.

demeilloni Meiswinkel, 1987: 300. South Africa.

Genus BRACHYCRETACEA Szadziewski

BRACHYCRETACEA Szadziewski, 1996: 63. Type species: *Brachycretacea taimyrica* (Remm), by original designation.

taimyrica (Remm), 1976b: 115 (*Baeohelea*). Russia. Upper Cretaceous.

Genus BRACHYPOGON Kieffer

BRACHYPOGON Kieffer, 1899: 69. Type species: *Ceratopogon vitiosus* Winnertz, by original designation.

Subgenus BRACHYPOGON Kieffer

acutus Yu, *in* Yu et al., 2005: 1388. China.

afifi Boorman and Harten, 2002: 452. Yemen.

americanus Szadziewski and Grogan, 1998a: 42. Dominican Republic. Miocene.

apunctipennis Spinelli and Grogan, 1998: 64. Brazil.
arabicus Szadziewski, Gwizdalska-Kentzer and Gilka, 2011: 646. United Arab Emirates.
artemis Debenham, 1991: 771. Australia (New South Wales).
baculus Das, Mazumdar, and Chaudhuri, 2010: 456. India.
balticus Szadziewski, 1988: 93. Baltic region. Eocene.
beaufortanensis Delécolle and Rieb, 1992: 33. France.
 sudowicus Szadziewski, 2001: 211. Poland.
bergensis (de Meillon and Hardy), 1953: 26 (*Ceratopogon*). South Africa.
bifidus Spinelli and Grogan, 1998: 66. Dominica.
bifurcus Debenham, 1991: 780. Australia (New South Wales).
bimaculatus Spinelli and Grogan, 1998: 67. Colombia.
bonaerensis Spinelli, 1990: 744. Argentina.
boormani Grogan and de Meillon, 1993: 400. Senegal.
brazzai (Vattier and Adam), 1966b: 736 (*Ceratopogon*). Congo.
bryanae Debenham, 1991: 774. Australia (New South Wales).
caecus Sarkar and Das Gupta, *in* Saha and Das Gupta, 2006:18. India.
calchaqui Spinelli, 1990: 746. Argentina.
calloti Grogan and de Meillon, 1993: 403. Senegal.
canadensis Downes, 1976: 1147. Canada (Quebec).
carpintero Spinelli and Marino, 2008: 120. Peru.
chuanxicus Yu and Wen, *in* Yu et al., 2005: 1389. China.
citrithecus Yu and Lai, *in* Yu et al., 2005: 1390. China.
complanothecus Yu, *in* Yu et al., 2005: 1392. China.
compressus Yu and Liu, *in* Yu et al., 2005: 1393. China.
corius (de Meillon and Hardy), 1954: 69 (*Ceratopogon*). South Africa.
 emphuxi (Vattier and Adam), 1966b: 734 (*Ceratopogon*). Congo.
corneti Grogan and de Meillon, 1993: 392. Senegal.
corniger Debenham, 1991: 777. Australia (New South Wales).
curtus Debenham, 1991: 796. Australia (Queensland).
debenhamae Grogan and de Meillon, 1993: 405. Senegal.
defectivus (Strobl), 1906: 400 (*Ceratopogon*). Spain.
delecollei Grogan and de Meillon, 1993: 404. Senegal.
demeilloni Grogan and Wirth, 1993: 30. Zimbabwe.
ecuadorensis Spinelli and Grogan, 1998: 68. Ecuador.
emeiensis Wen and Yu, *in* Wen et al., 1991: 30. China.
eocenicus Szadziewski, 1988: 91. Denmark. Eocene.
ethelae Spinelli and Grogan, 1998: 62. Panama.
fagicola Delécolle and Schiegg, 1999a: 31. Switzerland.
flecteris Das, Mazumdar, and Chaudhuri, 2010: 457. India.
fuscivenosus (Lutz), 1914: 94 (*Palpomyia*). Brazil.
gearyae Debenham, 1991: 786. Australia (New South Wales).
gedanicus Szadziewski, 1988: 95. Poland. Eocene.
gongdongi Yu and Huang, *in* Yu et al., 2009:48. China.
gravidus Debenham, 1991: 790. Australia (Queensland).
griffithsae Debenham, 1991: 797. Australia (Queensland).
grobleri de Meillon and Wirth, 1981c: 575. South Africa.
hamiltoni de Meillon and Wirth, 1981c: 576. South Africa.
halimos Yu and Li, *in* Li et al., 2008: 706. China.
havelkai Grogan and de Meillon, 1993: 402. Central African Republic.
hercules Debenham, 1991: 788. Australia (New South Wales).
idolon Debenham, 1991: 791. Australia (Queensland).
impar (Johannsen), 1938: 223 (*Ceratopogon*). Puerto Rico (USA).
infarctipes Delécolle and Grogan, 1990: 133. Senegal.
infrequens Saha and Das Gupta, *in* Saha and Das Gupta, 2006:20. India.

insularis Spinelli and Grogan, 1998: 70. Cuba.
insulicola (Tokunaga), *in* Tokunaga and Murachi, 1959: 350 (*Ceratopogon*). Micronesia.
institor Debenham, 1991: 796. Australia (New South Wales).
jorgei Spinelli and Marino, 2008: 122. Peru.
kokocinskii Szadziewski, 1983b: 393. Algeria.
kremeri Szadziewski and Havelka, 1984: 353. North Korea.
krugeri de Meillon and Wirth, 1981c: 578. South Africa.
krzeminskii Szadziewski and Havelka, 1984: 344. North Korea.
laneae Swanson and Grogan, 2011: 533. USA (Alabama).
latifemoris Clastrier, 1989c: 190. Guinea.
libanius (de Meillon), 1943: 104 (*Ceratopogon*). South Africa.
limushanensis Liu, Yan and Liu, 1996: 41. China.
lobulus Yu and Zhang, *in* Yu et al., 2005: 1399. China.
lorica Debenham, 1991: 793. Australia (Queensland).
medusae Debenham, 1991: 778. Australia (New South Wales).
maitangensis Yu, Wang and Tan, *in* Wang et al., 2009:181. China.
miocaenicus Szadziewski, 1993: 610. Germany. Eocene.
mireillae (Vattier and Adam), 1966b: 733 (*Ceratopogon*). Congo.
monicae Spinelli and Grogan, 1998: 70. Colombia.
nanchuanensis Yu, *in* Yu et al., 2005: 1400. China.
neotericus Yu and Zhang, *in* Wen et al., 1991: 32. China
nicolaii Debenham, 1991: 798. Papua New Guinea.
nieves (Havelka), 1976b: 91 (*Ceratopogon*). Germany.
novaguineae (Tokunaga), 1964a: 294 (*Ceratopogon*). Papua New Guinea.
obesus Szadziewski, Gwizdalska-Kentzer and Gilka, 2011: 647. United Arab Emirates.
optimus Saha and Das Gupta, *in* Saha and Das Gupta, 2006:21. India.
pakistanicus Szadziewski and Havelka, 1984: 346. Pakistan.
paraensis Wirth and Blanton, 1970c: 99 (as *parasensis*). Brazil.
peruensis Spinelli and Marino, 2008: 118. Peru.
petersi (Tokunaga), 1964a: 293 (*Ceratopogon*). Papua New Guinea.
phymos Delécolle and Grogan, 1990: 129. Senegal.
placodus Yu, *in* Yu et al., 2005: 1403. China.
pollices Debenham, 1991: 783. Australia (New South Wales).
proprius Sarkar and Das Gupta, *in* Saha and Das Gupta, 2006:21. India.
pseudocanadensis Sarkar and Das Gupta, *in* Saha and Das Gupta, 2006:22. India.
pseudoparaensis Spinelli and Grogan, 1998: 64. Brazil.
riebi Grogan and de Meillon, 1993: 397. Senegal.
ringueleti Spinelli, 1990: 748. Argentina.
schmitzi Spinelli and Grogan, 1998: 65. Brazil.
senegalensis (de Meillon and Wirth), 1955: 275 (*Ceratopogon*). Senegal.
sitius (de Meillon), 1959a: 345 (*Ceratopogon*). South Africa.
soavei Spinelli and Marino, 2008: 128. Peru.
sparsus Yu, *in* Yu et al., 2005: 1404. China.
spatuliformis Spinelli and Grogan, 1998: 65. Brazil.
spinosipes Clastrier, 1989c: 194. Guinea.
spinosissimus Clastrier, 1989c: 195. Guinea.
subiectus Debenham, 1991: 789. Australia (New South Wales).
szadziewskii Grogan and de Meillon, 1993: 400. Senegal.
tabernaculum Debenham, 1991: 784. Australia (New South Wales).
telesfordi Spinelli and Grogan, 1998: 71. St. Vincent.
tokunagai Grogan and Wirth, 1981c: 96. Solomon Islands.
usticius Yu and Liu, *in* Yu et al., 2005: 1405. China.
vitiosus (Winnertz), 1852: 49 (*Ceratopogon*). Germany.
minimus (Kieffer), 1924b: 402 (*Anakempia*). France.

niger (Mayer), 1934a: 291 (*Trishelea*). Poland.
woodruffi Spinelli and Grogan, 1998: 72. Dominica Republic.
wudangshanensis Yu, *in* Yu et al., 2005: 1408. China.
xingyangensis Yu, *in* Yu et al., 2005: 1409. China.
yarimii Boorman and Harten, 2002: 453. Oman.
zhuhaiensis Yu and Hao, *in* Yu et al., 2005: 1411. China.

Subgenus ISOHELEA Kieffer

ISOHELEA Kieffer, 1917b: 295. Type species: *Ceratopogon lacteipennis* Zetterstedt (misidentified, = *Psilohelea sociabilis* Goetghebuer), by original designation.

NILOHELEA Kieffer, 1921b: 22. Type species: *Nilohhelea albipennis* Kieffer, by monotypy.

TRISHELEA Kieffer, 1925b: 153. Type species: *Trishelea incompleta* Kieffer, by original designation.

abdominalis (Tokunaga), 1940b: 259 (*Ceratopogon*). Japan.
aethiopicus (Clastrier, Rioux and Descous), 1961: 87 (*Ceratopogon*). Chad.
africanus de Meillon, 1929: 248. South Africa.
albipennis (Kieffer), 1921b: 22 (*Nilohhelea*). Sudan.
alpinus (Clastrier), 1961a: 413 (*Ceratopogon*). Austria.
aquilonalis (Clastrier), 1961a: 421 (*Ceratopogon*). Finland.
babiogorensis Szadziewski, *in* Szadziewski et al., 1994: 5. Poland.
basiflagellatus (Tokunaga), 1940b: 263 (*Ceratopogon*). Japan.
beskidicus Krzywinski, *in* Szadziewski et al., 1994: 7. Poland.
bialoviesicus Krzywinski, *in* Szadziewski et al., 1994: 9. Poland.
bilobatus (Remm), 1993: 189 (*Ceratopogon*). Kazakhstan.
borealis (Kieffer), 1919b: 41 (1919a: 68) (*Psilohelea*). Norway.
borkenti Spinelli and Cazorla, 2004: 3. Argentina.
carpathicus Szadziewski, *in* Szadziewski et al., 1994: 12. Poland.
caucasicus (Remm), 1967: 28 (*Ceratopogon*). Georgia.
clastrieri Szadziewski, 1983b: 386. Algeria.
clavatus (Clastrier), 1966: 706 (*Ceratopogon*). Canary Islands (Spain).
cuacuahuitlus Huerta and Borkent, 2005: 115. Mexico.
darvazi (Remm), 1974c: 55 (*Ceratopogon*). Tajikistan.
dehiscens Debenham, 1991: 802. Australia (New South Wales).
dilatatus Yu, *in* Yu et al., 2005: 1413. China.
dominicanus Szadziewski and Grogan, 1998a: 42. Dominican Republic. Miocene.
falcifer (Tokunaga), 1940b: 261 (*Ceratopogon*). Russia.
ferganicus (Remm), 1974c: 56 (*Ceratopogon*). Kyrgyzstan.
flaviventris (Kieffer), 1919a: 66 (*Psilohelea*). Croatia.
croaticus (Remm), 1981: 32 (*Ceratopogon*). New name for *flaviventris*.
glukhovae Grogan and de Meillon, 1993: 406. Senegal.
griseipennis (Storå), 1945: 34 (*Isohelea*). Azores (Portugal).
hadrosaurus Debenham, 1991: 801. Australia (New South Wales).
hamoni (Vattier and Adam), 1966b: 730 (*Ceratopogon*). Congo.
henningseni Szadziewski, 1988: 89. Denmark. Eocene.
herati Navai, 1997: 184. Afghanistan.
hudjakovi (Remm), 1974c: 53 (*Ceratopogon*). Russia.
hugoi Spinelli and Grogan, 1994: 2. Colombia.
huochengensis Yu and Xiang, *in* Yu et al., 2005: 1414. China.
hyperboreus (Clastrier), 1961a: 415 (*Ceratopogon*). Norway.
incerticruris Sarkar and Das Gupta, *in* Saha and Das Gupta, 2006: 23. India.
incompletus (Kieffer), 1925b: 153 (*Trishelea*). Poland.
thienemanni (Mayer), 1940: 162 (*Helea*). Sweden.
lapiae (Clastrier), 1961a: 416 (*Ceratopogon*). Finland.

- xuguitensis* Cao and Chen, 1984: 298 (*Culicoides*). China.
- jaroslavi** Szadziewski, 1983b: 388. Algeria.
- laricis** (Remm), 1974c: 51 (*Ceratopogon*). Russia.
- longipalpis** (Kieffer), 1925a: 412 (*Trishelea*). Russia.
- lunatus** Borkent, *in* Borkent and Wirth, 1997:93. New name for *arcuatus*.
arcuatus (Remm), 1993: 189 (*Ceratopogon*, preoccupied by *Culicoides arcuatus* (Winnertz), 1852). Russia.
- magnipalpis** (Clastrier), 1961a: 409 (*Ceratopogon*). France.
- mapuche** Spinelli, 1990: 750. Argentina.
- misionensis** Spinelli, 1990: 752. Argentina.
- montanus** (Tokunaga), 1940d: 152 (*Ceratopogon*). Japan.
- monticola** (Tokunaga), 1940b: 262 (*Ceratopogon*). Japan.
- montivagus** Yu and Wen, *in* Wen et al., 1991: 35. China.
- nipponensis** Wirth and Grogan, 1988: 32. New name for *albitarsis*.
albitarsis (Tokunaga), 1940b: 261 (*Ceratopogon*, preoccupied by *Schizohalea albitarsis* (Wiedemann), 1817). Japan.
- nitidulus** (Edwards), 1921: 125 (*Psilohalea*). Great Britain.
crassiforceps (Kieffer), 1925a: 411 (*Trishelea*). Russia.
turfaceus (Kieffer), 1925a: 415 (*Anakempia*). Russia.
finniae (Clastrier), 1961a: 417 (*Ceratopogon*). Finland.
- norvegicus** Szadziewski and Hagan, 2000: 459. Norway.
- oreinus** (Remm), 1974c: 55 (*Ceratopogon*). Kyrgyzstan.
- pallidipennis** Spinelli and Grogan, 1994: 6. Honduras.
- pasquieri** (Clastrier), 1961a: 402 (*Ceratopogon*). Algeria.
- pelecatius** (Remm), 1974c: 54 (*Ceratopogon*). Kyrgyzstan.
- perpusillus** (Edwards), 1921: 125 (*Psilohalea*). Great Britain.
- polonicus** Szadziewski, 1988: 88. Poland. Eocene.
- prominulus** (Meunier), 1904a: 228 (1904b: 239) (*Ceratopogon*). Baltic region. Eocene.
- prominuloides** Szadziewski and Grogan, 1998a: 43. Dominican Republic. Miocene.
- pruinosis** (Wirth), 1952a: 201 (*Helea*). USA (California).
- qinghai** Yu and Liu, *in* Yu et al., 2005: 1421. China.
- raohenicus** Yu and Liu, *in* Yu et al., 2005: 1422. China.
- remmi** Wirth and Grogan, 1988: 32. New name for *falcatus*.
falcatus (Remm), 1974c: 54 (*Ceratopogon*, preoccupied by *Stilobezzia falcata* (Meunier), 1904a). Russia.
- sahariensis** (Clastrier), 1961a: 422 (*Ceratopogon*). Algeria.
- saxatilis** (Clastrier), 1961a: 411 (*Ceratopogon*). Algeria.
- serratus** (Lewis), 1956: 46 (*Helea*). USA (Connecticut).
- sevanicus** (Remm), 1974c: 50 (*Ceratopogon*). Armenia.
- silecis** Szadziewski, 1990b: 485. Poland.
- sociabilis** (Goetghebuer), 1920: 68 (*Psilohalea*). Belgium.
- sentiger** Borkent, *in* Borkent and Wirth, 1997:94. New name for *spiniger*.
spiniger (Remm), 1974c: 53 (*Ceratopogon*, preoccupied by *Serromyia spinigera* (Loew), 1850). Kyrgyzstan.
- spinosis** Liu, Yan and Liu, 1996: 25. China.
- stigmatis** (Coquillett), 1902a: 86 (*Ceratopogon*). USA (New Mexico).
- stolida** Sarkar, Saha and Das Gupta, *in* Saha and Das Gupta, 2006:23. India.
- subnitidulus** Yu and Wang, *in* Yu et al., 2005: 1424. China.
- surae** Szadziewski, 1984a: 555. Algeria.
- susunai** (Remm), 1974c: 51 (*Ceratopogon*). Russia.
- sylvaticus** Yu and Liu, *in* Wen et al., 1991: 35. China.
- taivoi** (Remm), 1974c: 50 (*Ceratopogon*). Kyrgyzstan.
- tiiveli** (Remm), 1980: 103 (*Ceratopogon*). Tajikistan.
- turkestanicus** (Remm), 1974c: 56 (*Ceratopogon*). Kyrgyzstan.
- ussuriensis** (Glukhova), 1979: 169 (*Isohelea*). Russia.
- vallanti** (Mayer), 1955: 111 (*Helea*). Algeria.
ajjerensis (Clastrier), 1961a: 408 (*Ceratopogon*). Algeria.
- vanharteni** Szadziewski, Gwizdalska-Kentzer and Gilka, 2011: 647. United Arab Emirates.

wirthi Spinelli, 1990: 753. Argentina.
wirthorum Grogan and de Meillon, 1997: 130. Zimbabwe.
yariensis (Tokunaga), 1940d: 151 (*Ceratopogon*). Japan.
zavoicus Szadziewski, in Szadziewski et al., 1994: 29. Poland.

Subgenus SARISSOHELEA Debenham

SARISSOHELEA Debenham, 1991: 798 (as subgenus of *Brachypogon*). Type species: *Brachypogon kraussi* Grogan and Wirth, by original designation.

alexandros Debenham, 1991: 800. Papua New Guinea.
kraussi Grogan and Wirth, 1981c: 93. Solomon Islands.
maai (Tokunaga), 1964a: 298 (*Ceratopogon*). Indonesia.
papuensis (Tokunaga), 1964a: 296 (*Ceratopogon*). Papua New Guinea.
peregrinator (Edwards), 1928: 56 (*Ceratopogon*). Western Samoa.

Species of BRACHYPOGON unplaced to subgenus

obscurus (Santos Abreu), 1918: 323 (*Ceratolophus*, as variety of *rufigastris*). Canary Islands (Spain).
rufigastris (Santos Abreu), 1918: 321 (*Ceratolophus*). Canary Islands (Spain).
singularis (Santos Abreu), 1918: 317 (*Ceratolophus*). Canary Islands (Spain).

Genus CACAOHELEA Wirth and Grogan

CACAOHELEA Wirth and Grogan, 1988: 33. Type species: *Cacaohelea youngi* Wirth and Grogan, by original designation.

adusta Borkent and Picado, 2008: 28. Costa Rica.
curva Borkent and Picado, 2008: 28. Costa Rica.
glukhovae Borkent and Picado, 2008: 28. Costa Rica.
youngi Wirth and Grogan, 1988: 34. Costa Rica.

Genus CALCARHELEA Wirth and Grogan

CALCARHELEA Wirth and Grogan, 1988: 35. Type species: *Alluaudomyia bimater* de Meillon and Hardy, by original designation.

bimater (de Meillon and Hardy), 1953: 25 (*Alluaudomyia*). South Africa.

Genus CAMPTOPTEROHELEA Wirth and Hubert

CAMPTOPTEROHELEA Wirth and Hubert, 1960b: 89. Type species: *Camptopterohelea hoogstraali* Wirth and Hubert, by original designation.

admirabilis Das Gupta and Sarkar, 1982: 73. India.
distincta Das Gupta and Sarkar, 1982: 70. India.
hoogstraali Wirth and Hubert, 1960b: 90. Philippines.
javanensis Wirth and Wada, 1979: 347. Indonesia.
tokunagai Wirth and Wada, 1979: 349. Malaysia.

Genus CAPEHELEA de Meillon and Wirth

CAPEHELEA de Meillon and Wirth, 1987b: 387. Type species: *Capehelea steli* de Meillon and Wirth, by original designation.

steli de Meillon and Wirth, 1987b: 388. South Africa.

Genus CERATOCULICOIDES Wirth and Ratanaworabhan

CERATOCULICOIDES Wirth and Ratanaworabhan, 1971a: 170. Type species: *Helea longipennis* Wirth, by original designation.

aliciae Huerta and Borkent, 2005: 112. Mexico.

blantoni Wirth and Ratanaworabhan, 1971a: 174. USA (Maryland).

danicus Szadziewski, 1988: 102. Denmark. Eocene.

longipennis (Wirth), 1952a: 201 (*Helea*). USA (California).

moravicus Knoz, 1987: 390. Czech Republic.

gracilipes (Remm), 1967: 27 (*Ceratopogon*, preoccupied by *Bezzia gracilipes* (Winnertz), 1852). Georgia.

havelkai Wirth and Grogan, 1988: 40. New name for *gracilipes*.

remmi Gosseries, 1989: 2. New name for *gracilipes*.

tontoeguri (Havelka), 1980: 86 (*Ceratopogon*). Germany.

virginianus (Wirth), 1951d: 318 (*Helea*). USA (Virginia).

Genus CERATOHELEA Wirth and Grogan

CERATOHELEA Wirth and Grogan, 1988: 40. Type species: *Ceratopogon advena* de Meillon, by original designation.

advena (de Meillon), 1959a: 341 (*Ceratopogon*). Zimbabwe.

Genus CERATOPALPOMYIA Szadziewski

CERATOPALPOMYIA Szadziewski, 1988: 171. Type species *Ceratopalpomyia eocenica* Szadziewski, by original designation.

eocenica Szadziewski, 1988: 173. Denmark. Eocene.

Genus CERATOPOGON Meigen

HELEA Meigen, 1800: 18. Type species: *Ceratopogon communis* Meigen, designation by Coquillett, 1910: 549. Generic name suppressed by ICZN Opinion 678.

CERATOPOGON Meigen, 1803: 261. Type species: *Tipula barbicornis* Linnaeus (misidentified, = *Ceratopogon communis* Meigen), by monotypy.

CERAPOGON Rafinesque, 1815: 130 (unnecessary new name for *Ceratopogon* Meigen). Type species: *Ceratopogon communis* Meigen, automatic.

PSILOHELEA Kieffer, 1915c: 284 (misspelled as *Psilohelca*), 1917: 294. Type species: *Ceratopogon candidatus* Winnertz (= *Ceratopogon niveipennis* Meigen), by original designation.

ANAKEMPIA Kieffer, 1924a: 13. Type species: *Dasyhelea grandiforceps* Kieffer, by original designation.

DIPLOHELEA Kieffer, 1925a: 420. Type species: *Diplohelea parvula* Kieffer (= *Ceratopogon grandiforceps* Kieffer), by original designation).

abstrusus Borkent and Grogan, 1995: 40. Canada (British Columbia).

adductus Borkent and Grogan, 1995: 53. Mongolia.

algidus Borkent and Grogan, 1995: 80. Canada (British Columbia).

annettae Borkent and Grogan, 1995: 87. Canada (British Columbia).

arcanus Borkent and Grogan, 1995: 44. USA (Maryland).

bitterfeldi Szadziewski, 1993: 613. Germany. Eocene.

boomerangus Borkent and Grogan, 1995: 33. USA (Maryland).

cavatus Borkent and Grogan, 1995: 67. North Korea.

ceranowiczi Szadziewski, 1988: 77. Baltic region. Eocene.

- cinaedicus** Borkent and Grogan, 1995: 54. USA (Colorado).
- cirrosus** Remm, 1974c: 45. Russia.
- communis** Meigen, 1804: 27. Germany.
- contextus** Yu and Ma, *in* Yu et al., 2005: 1429. China.
- crypticus** Szadziewski, 1988: 70. Baltic region. Eocene.
- culicoidithorax** Hoffman, 1926a: 156. USA (New York).
- curtus** Borkent and Grogan, 1995: 64. USA (Alaska).
- curvistylus** Remm, 1993: 189. Russia.
- denticulatus** Borkent and Grogan, 1995: 58. Great Britain.
- dsungaricus** Remm, 1980: 101. Kazakhstan.
- elevatus** Borkent and Grogan, 1995: 48. Austria.
- eminens** Meunier, 1904a: 229 (1904b: 240). Baltic region. Eocene.
- ferulae** Remm, 1974c: 43. Kyrgyzstan.
- forcipiformis** Meunier, 1904a: 235 (1904b: 246). Baltic region. Eocene.
defectus Meunier, 1904a: 229 (1904b: 240). Baltic region. Eocene.
- fumipennis** Remm, 1974c: 41. Kyrgyzstan.
- gedanicus** Szadziewski, 1988: 74. Baltic region. Eocene.
- gigaforceps** Remm, 1973: 180. Russia.
- grandiforceps** (Kieffer), 1913a: 7 (*Dasyhelea*). Great Britain.
parvula (Kieffer), 1925a: 420 (*Diplohelea*). Great Britain.
- grogani** Szadziewski, 1988: 64. Baltic region. Eocene.
- hennigi** Szadziewski, 1988: 60. Baltic region. Eocene.
- inverecundus** Borkent and Grogan, 1995: 46. Canada (British Columbia).
- kolensis** Remm, 1993: 189. Russia.
- kotejai** Szadziewski, 1993: 616. Germany. Eocene.
- kurilensis** Remm, 1974c: 41. Russia.
- lacteipennis** Zetterstedt, 1838: 820. Norway.
edentatus (Edwards), 1921: 124 (*Psilhelea*). Great Britain.
sphagnicola (Kieffer), 1924b: 403 (*Anakempia*). Great Britain.
conjunctus (Kieffer), 1925a: 416 (*Anakempia*). Great Britain.
longitarsis (Mayer), 1940: 164 (*Helea*). Great Britain.
- magniforceps** (Kieffer), 1925a: 413 (*Trishelea*). Russia.
- mallochi** (Cole), *in* Cole and Lovett, 1921: 213 (*Hartomyia*). USA (Oregon).
- mammulus** Borkent and Grogan, 1995: 65. Canada (Yukon Territory).
- margaritae** Szadziewski, 1988: 80. Baltic region. Eocene.
- miocaenicus** Szadziewski, 1993: 617. Germany. Eocene.
- multisetosus** Borkent and Grogan, 1995: 76. Canada (Nova Scotia).
- naccinervis** Borkent, *in* Borkent and Wirth, 1997:97. New name for *crassinervis*.
crassinervis (Goetghebuer), 1920: 62 (*Stilobezzia*, preoccupied by *Palpomyia crassinervis* (de Meijere), 1907).
Belgium.
- nanalobus** Borkent and Grogan, 1995: 97. Baltic region. Eocene.
- niveipennis** Meigen, 1818: 73. Germany.
candidatus Winnertz, 1852: 57. Netherlands.
- pallicoleatus** Borkent and Grogan, 1995: 83. USA (Oregon).
- pandus** Borkent and Grogan, 1995: 53. USA (Wisconsin).
- paraeminens** Borkent and Grogan, 1995: 99. Baltic region. Eocene.
- paucisetosus** Remm, 1974c: 43. Estonia.
- piotrowskii** Szadziewski, 1988: 75. Baltic region. Eocene.
- pisinnus** Borkent and Grogan, 1995: 97. Baltic region. Eocene.
- pontis** Borkent and Grogan, 1995: 56. USA (Kansas).
- pubiantennalis** Borkent and Grogan, 1995: 74. Canada (Northwest Territories).
- rectus** Borkent and Grogan, 1995: 84. USA (Colorado).
- relictus** Borkent and Grogan, 1995: 32. USA (California).
- remmicola** Szadziewski, 1988: 71. Baltic region. Eocene.

ritzkowskii Szadziewski, 1988: 78. Baltic region. Eocene.
romanicus Damian-Georgescu, 1972: 19. Romania.
seculus Borkent and Grogan, 1995: 79. USA (Maryland).
subminens Szadziewski, 1993: 617. Germany. Eocene.
succinicola Szadziewski, 1993: 620. Germany. Eocene.
tertiaricus Szadziewski, 1988: 62. Baltic region. Eocene.
unguis (Tokunaga), 1940b: 255 (*Culicoides*). Japan.
willisi Borkent and Grogan, 1995: 81. USA (Maryland).

Genus CHAIROPOGON Yu

CHAIROPOGON Yu, *in* Yu et al., 2005: 1430. Type species: *Chairopogon chengdeiensis* Yu and Hao, by original designation.

chengdeiensis Yu and Hao, *in* Yu et al., 2005: 1430. China.

Genus CONGOHELEA Wirth and Grogan

CONGOHELEA Wirth and Grogan, 1988: 46. Type species: *Serromyia fuligipennis* Clastrier, by original designation.

fuligipennis (Clastrier), 1960b: 291 (*Serromyia*). Congo.

Genus DIAPHANOBEZZIA Ingram and Macfie

DIAPHANOBEZZIA Ingram and Macfie, 1931a: 223. Type species: *Diaphanobezzia pellucida* Ingram and Macfie, by original designation.

araucaria Spinelli, 1996: 77. Argentina.
patagonica Spinelli and Grogan, 1990: 127. Argentina.
pellucida Ingram and Macfie, 1931a: 223. Argentina.
spinellii Wirth and Grogan, 1988: 48. Argentina.

Genus DOWNESHELEA Wirth and Grogan

DOWNESHELEA Wirth and Grogan, 1988: 50. Type species: *Monohelea stonei* Wirth, by original designation.

balboa (Lane and Wirth), 1964: 225 (*Monohelea*). Panama.
bicornis Felipe-Bauer and Quintelas, 1993b: 185. Brazil.
bimaculata Clastrier and Delécolle, 1990: 148. Ivory Coast.
blantoni (Lane and Wirth), 1964: 217 (*Monohelea*). Panama.
carioca (Tavares and Silva Pereira), 1978: 157 (*Monohelea*). Brazil.
castroi (Tavares and Silva Pereira), 1978: 159 (*Monohelea*). Brazil.
cebaco (Lane and Wirth), 1964: 218 (*Monohelea*). Panama.
charrua Felipe-Bauer and Spinelli, 1994: 161. Uruguay.
chiapasi (Lane and Wirth), 1964: 219 (*Monohelea*). Nicaragua.
chirusi (Lane and Wirth), 1964: 218 (*Monohelea*). Panama.
colombiae (Lane and Wirth), 1964: 220 (*Monohelea*). Colombia.
deanei Felipe-Bauer and Quintelas, *in* Felipe-Bauer et al., 1995: 395. Trinidad.
fluminensis Felipe-Bauer and Quintelas, 1993a: 33. Brazil.
fuscipennis (Lane and Wirth), 1964: 221 (*Monohelea*). Colombia.
guyanae (Wirth), 1953b: 150 (*Monohelea*). Guyana.
lanei Felipe-Bauer and Borkent *in* Felipe-Bauer et al., 2011: 21. Brazil.
leei (Debenham), 1972: 16 (*Monohelea*). Australia (New South Wales).
macclurei (Ratanaworabhan and Wirth), 1972: 448 (*Monohelea*). Malaysia.

mcdanieli (Tokunaga), *in* Tokunaga and Murachi, 1959: 411 (*Monohelea*). Belau (USA).
multilineata (Lutz), 1914: 93 (*Palpomyia*). Brazil.
nigeriae (Ingram and Macfie), 1922: 268 (*Monohelea*). Nigeria.
nigra (Tokunaga), 1963a: 243 (*Monohelea*). Papua New Guinea.
notialisinica Yu and Hao, *in* Yu et al., 2005: 1432. China.
nubeculosa (Macfie), 1932c: 45 (*Monohelea*). New Zealand
oliveirai Felipe-Bauer, *in* Felipe-Bauer and Silva, 2008: 400. Brazil.
panamensis (Lane and Wirth), 1964: 221 (*Monohelea*). Panama.
quasidentica Felipe-Bauer and Quintelas, 1993a: 37. Brazil.
scanloni (Ratanaworabhan and Wirth), 1972: 449 (*Monohelea*). Thailand.
sepikensis (Debenham), 1972: 13 (*Monohelea*). Papua New Guinea.
stenochoira Wirth and Giles, 1990: 446. Fiji.
stonei (Wirth), 1953b: 148 (*Monohelea*). USA (Louisiana).
unimaculata (Debenham), 1972: 5 (*Monohelea*). Australia (New South Wales).
whartoni (Ratanaworabhan and Wirth), 1972: 451 (*Monohelea*). Malaysia.
xanthogonua (Tokunaga), 1963a: 242 (*Monohelea*). Papua New Guinea.

Genus ECHINOHELEA Macfie

ECHINOHELEA Macfie, 1940c: 187. Type species: *Echinohelea ornatipennis* Macfie, by original designation.

Subgenus ECHINOHELEA Macfie

australiensis Debenham, 1970c: 152. Australia (Capital Territory).
blantoni Wirth, 1994c: 232. Panama.
flava Tokunaga, 1963a: 235. Papua New Guinea.
harbelensis de Meillon, 1960: 409. Liberia.
hardyi Tokunaga, 1963a: 235. Papua New Guinea.
jamaicensis Wirth, 1994c: 234. Jamaica.
laensis Tokunaga, 1963a: 236. Papua New Guinea.
lanei Wirth, 1951d: 319. USA (Virginia).
leei Wirth, 1994c: 237. Colombia.
longirostris Debenham, 1970c: 147. Papua New Guinea.
macfiei Lane, 1948: 228. Brazil.
moresbyensis Debenham, 1970c: 149. Papua New Guinea.
neotropica Wirth, 1994c: 237. Colombia.
notipes Debenham, 1970c: 152. Australia (Queensland).
ornata Clastrier, 1984c: 368. Guinea.
ornatipennis Macfie, 1940c: 188. Guyana.
pallida Debenham, 1970c: 155. Papua New Guinea.
panamensis Wirth, 1994c: 239. Panama.
papuensis Tokunaga, 1966a: 112. Papua New Guinea.
pastoriana Clastrier, 1984c: 362. Guinea.
pictipennis Tokunaga, 1963a: 231. Papua New Guinea.
richardsi Macfie, 1940c: 189. Guyana.
smarti Macfie, 1940c: 190. Guyana.
vicina Clastrier, 1984c: 366. Guinea.
voltana de Meillon, 1959b: 15. Burkina Faso.
zonata Tokunaga, 1963a: 234. Papua New Guinea.

Subgenus ECHINOIDESHELEA Wirth

ECHINOIDESHELEA Wirth, 1994c: 231 (as subgenus of *Echinohelea*). Type species: *Echinohelea aitkeni* Wirth, by original designation.

aitkeni Wirth, 1994c: 231. Brazil.

Genus EOHELEA Petrunkevitch

EOHELEA Petrunkevitch, 1957: 208. Type species: *Eohelea stridulans* Petrunkevitch (= *Ceratopogon sinuosus* Meunier), by original designation.

fossicola Szadziewski, 1993: 624. Germany. Eocene.

gedanica Szadziewski, 1988: 165. Poland. Eocene.

grogani Szadziewski, 1988: 164. Poland. Eocene.

miocaenea Szadziewski, 1993: 625. Germany. Eocene.

petrunkevitchi Szadziewski, 1984b: 39 (1985b: 127). Poland. Eocene.

sakhalinica Szadziewski, 1990a: 78. Russia. Tertiary.

sinuosa (Meunier), 1904a: 234 (1904b: 245) (*Ceratopogon*). Baltic region. Eocene.
stridulans Petrunkevitch, 1957: 209. Baltic region. Eocene.

Genus FANTHAMIA de Meillon

FANTHAMIA de Meillon, 1939c: 103 (as subgenus of *Ceratopogon*). Type species: *Ceratopogon adulator* de Meillon, by original designation.

abditata de Meillon and Wirth, 1987a: 46. South Africa.

adulator (de Meillon), 1939c: 104 (*Ceratopogon*). South Africa.

aniculae de Meillon and Downes, 1986: 167. South Africa.

cardinis de Meillon and Wirth, 1979c: 194. Zimbabwe.

carina (de Meillon and Hardy), 1953: 28 (*Ceratopogon*). South Africa.

draconis de Meillon and Downes, 1986: 170. South Africa.

forsteri de Meillon and Downes, 1986: 169. South Africa.

gigantulus de Meillon and Wirth, 1979c: 196. South Africa.

imperfecta (Goetghebuer), 1935d: 172 (*Culicoides*). Congo.

jonkeri de Meillon and Wirth, 1987a: 48. South Africa.

mennoi de Meillon and Wirth, 1981c: 582. South Africa.

montana de Meillon and Downes, 1986: 167. South Africa.

ornatipennis (de Meillon), 1939c: 106 (*Ceratopogon*). South Africa.

sani de Meillon and Downes, 1986: 168. South Africa.

Genus FITTKAUHELEA Wirth and Blanton

FITTKAUHELEA Wirth and Blanton, 1970a: 7. Type species: *Fittkauhelea amazonica* Wirth and Blanton, by original designation.

amazonica Wirth and Blanton, 1970a: 9. Brazil.

Genus FOSSIHELEA Szadziewski

FOSSIHELEA Szadziewski, 1988: 104. Type species: *Ceratopogon gracilitarsis* Meunier, by original designation.

gracilitarsis (Meunier), 1904a: 235 (1904b: 246) (*Ceratopogon*). Baltic region. Eocene.

miocaenica Szadziewski, 1993: 627. Germany. Eocene.

Genus GEDANOHELEA Szadziewski

GEDANOHELEA Szadziewski, 1988: 166. Type species: *Gedanohalea loewi* Szadziewski, by original designation.

loewi Szadziwski, 1988: 168. Poland. Eocene.
succinea Szadziwski, 1988: 169. Poland. Eocene.
wirthi Szadziwski, 1988: 170. Denmark. Eocene.

Genus HELEAGERON Borkent

HELEAGERON Borkent, 1995: 47. Type species: *Heleageron arenatus* Borkent, by original designation.

arenatus Borkent, 1995: 48. Canada (Alberta). Upper Cretaceous.
grimaldii Borkent, 1996: 15. USA (New Jersey). Upper Cretaceous.

Genus HETEROCERATOPOGON Wirth and Grogan

HETEROCERATOPOGON Wirth and Grogan, 1988: 55. Type species: *Heteroceratopogon poguei* Wirth and Grogan, by original designation.

poguei Wirth and Grogan, 1988: 57. New Caledonia (France).

Genus HETEROHELEA Clastrier

HETEROHELEA Clastrier, 1985b: 272. Type species: *Heterohelea minutissima* Clastrier, by original designation.

minutissima Clastrier, 1985b: 272. New Caledonia (France).

Genus HYPsimyIA Yu

HYPsimyIA Yu, in Yu et al., 2005: 1433. Type species: *Hypsimyia emeiensis* Yu and Li, by original designation.

emeiensis Yu and Li, in Yu et al., 2005: 1433. China.

Genus ISTHMOHELEA Ingram and Macfie

ISTHMOHELEA Ingram and Macfie, 1931a: 208. Type species: *Isthmohelea disjuncta* Ingram and Macfie, by original designation.

disjuncta Ingram and Macfie, 1931a: 209. Chile.

Genus KOLENOHELEA de Meillon and Wirth

KOLENOHELEA de Meillon and Wirth, 1981a: 513. Type species: *Kolenohalea dycei* de Meillon and Wirth, by original designation.

calcarata (Goetghebuer), 1920: 64 (*Monohelea*). Belgium.
sharpi (Edwards), 1929a: 427 (*Stilobezzia*). Great Britain.
fusca (Goetghebuer), 1932a: 125 (*Stilobezzia*). Belgium.

dycei de Meillon and Wirth, 1981a: 517. South Africa.

equilis de Meillon and Wirth, 1987a: 48. South Africa.

fuscipennis Clastrier, 1984e: 369. Guinea.

inuitata de Meillon and Wirth, 1981c: 586. South Africa.

jarmilae de Meillon and Downes, 1986: 172. South Africa.

kindiae Clastrier, 1984e: 366. Guinea.

leonina de Meillon and Wirth, 1987a: 50. South Africa.

luciae de Meillon and Wirth, 1983a: 361. South Africa.

milleri de Meillon and Wirth, 1981a: 521. South Africa.
mira de Meillon and Wirth, 1981c: 583. South Africa.
mirabunda de Meillon and Wirth, 1981a: 522. South Africa.
mirifica de Meillon and Wirth, 1981a: 519. South Africa.
monticola de Meillon and Downes, 1986: 174. South Africa.
ornata Clastrier, 1984e: 367. Guinea.
pedi de Meillon and Wirth, 1987a: 50. South Africa.
pugilator de Meillon and Wirth, 1987a: 52. South Africa.
uysorum de Meillon, Meiswinkel and Wirth, 1982: 138. South Africa.

Genus LEPTOHELEA Wirth and Blanton

LEPTOHELEA Wirth and Blanton, 1970a: 12. Type species: *Leptohelea icronyx* Wirth and Blanton, by original designation.
micronyx Wirth and Blanton, 1970a: 12. Colombia.

Genus LUCIAMYIA de Meillon

LUCIAMYIA de Meillon, 1937b: 380. Type species: *Luciamyia biloba* de Meillon, by original designation.
biloba de Meillon, 1937b: 380. South Africa.
irrita (de Meillon), 1937b: 383 (*Monohelea*). South Africa.

Genus MACRUROHELEA Ingram and Macfie

MACRUROHELEA Ingram and Macfie, 1931a: 203. Type species: *Macrurohelea caudata* Ingram and Macfie, by original designation.
caudata Ingram and Macfie, 1931a: 205. Chile.
commoni Lee, 1963: 339. Australia (New South Wales).
dycei Grogan and Wirth, 1985: 133. Australia (New South Wales).
fuscipennis Spinelli and Grogan, 1990: 128. Argentina.
gentilii Spinelli and Grogan, 1984: 963. Argentina.
irwini Grogan and Wirth, 1980b: 140. Chile.
kuscheli Wirth, 1965c: 49. Chile.
leei Grogan and Wirth, 1985: 131. Australia (Queensland).
monothecca Spinelli and Grogan, 1984: 965. Argentina.
paracaudata Grogan and Wirth, 1980b: 141. Chile.
setosa Wirth, 1965c: 49. Chile.
similis Spinelli and Grogan, 1990: 131. Argentina.
thoracica Ingram and Macfie, 1931a: 206. Argentina.
wirthi Spinelli and Grogan, 1984: 965. Argentina.
yamana Spinelli and Grogan, 1999: 710. Argentina.

Genus METACANTHOHELEA Wirth and Grogan

METACANTHOHELEA Wirth and Grogan, 1988: 65. Type species: *Metacanthohelea cogani* Wirth and Grogan, by original designation.
cogani Wirth and Grogan, 1988: 66. Aldabra (Seychelles).

Genus MANTOHELEA Szadziewski

MANTOHELEA Szadziewski, 1988: 144. Type species: *Ceratopogon lacus* Meunier, by original designation.

gedanica Szadziewski, 1988: 146. Poland. Eocene.

laca (Meunier), 1904a: 232 (1904b: 243) (*Ceratopogon*). Baltic region. Eocene.

Genus MEUNIEROHELEA Szadziewski

MEUNIEROHELEA Szadziewski, 1988: 148. Type species: *Meunierohelea nielseni* Szadziewski, by original designation.
CHIMAEROHELEA Debenham, 1988: 801. Type species: *Chimaerohelea caligula* Debenham, by original designation.

caligula (Debenham), 1988: 803 (*Chimaerohelea*). Australia (Queensland).

gedanicola Szadziewski, 1988: 153. Poland. Eocene.

miocaenica (Szadziewski), 1993: 622 (*Chimaerohelea*). Germany. Eocene.

nielseni Szadziewski, 1988: 150. Denmark. Eocene.

wirthi Szadziewski, 1988: 157. Denmark. Eocene.

Genus MONOHELEA Kieffer

MONOHELEA Kieffer, 1917b: 294. Type species: *Monohalea hieroglyphica* Kieffer, by original designation.

accipiter Debenham, 1972: 34. Australia (New South Wales).

affinis Felipe-Bauer and Spinelli, 1991: 201. Brazil.

aguirrei Tavares and Sousa, 1980: 97. Brazil.

albiclavatoris Tokunaga and Murachi, 1959: 407. Micronesia.

andersoni Wirth and Grogan, 1981: 30. USA (Maryland).

andrei Vattier and Adam, 1966b: 744. Congo.

annulata Debenham, 1972: 18. Australia (Northern Territory).

archibaldoi Tavares and Sousa, 1980: 98. Brazil.

avicularis Remm, 1993: 185. Azerbaijan.

baltica Szadziewski, 1988: 130. Poland. Eocene.

beaveri Wirth and Giles, 1990: 448. Fiji.

bidens Debenham, 1972: 35. Australia (Capital Territory).

bidentata Felipe-Bauer and Spinelli, 1994: 163. Argentina.

bifurcata Wirth and Williams, 1964: 308. USA (Massachusetts).

boucheti Clastrier, 1993b: 161. New Caledonia (France).

boudinoti Clastrier, 1993b: 160. New Caledonia (France).

brasiliensis Lane, 1948: 226. Brazil.

candescens Debenham, 1972: 25. Australia (New South Wales).

chalybeata Clastrier, 1960b: 286. Congo.

chazeaui Clastrier, 1985d: 752. New Caledonia (France).

clavipes Macfie, 1932c: 48. New Zealand.

clunipes (Loew), 1850: 30 (*Ceratopogon*). Baltic region. Eocene.

cognata Clastrier, 1960b: 289. Congo.

coloisuvae Wirth and Giles, 1990: 449. Fiji.

cunasi Lane and Wirth, 1964: 232. Panama.

dorsotaeniata Clastrier, 1985d: 756. New Caledonia (France).

estonica Remm, 1965: 182. Estonia.

fairchildi Lane and Wirth, 1964: 214. Panama.

falcata Debenham, 1972: 7. Australia (New South Wales).

fijiensis Wirth and Giles, 1990: 451. Fiji.

floridensis Wirth and Williams, 1964: 309. USA (Florida).

gemina Debenham, 1972: 39. Australia (New South Wales).

grogani Delécolle and Rieb, 1995: 34. USA (Arkansas).

guaimiesi Lane and Wirth, 1964: 227. Panama.

hainanena Liu, Yan and Liu, 1996: 45. China.
hainanensis Liu and Yan, 1996: 19. China
hieroglyphica Kieffer, 1917b: 312. Paraguay.
hirsuta Wirth and Grogan, 1981: 36. USA (Maryland).
hissarica Remm, 1980: 91. Tajikistan.
hyalinipennis Clastrier, 1993b: 162. New Caledonia (France).
impunctatipennis Clastrier, 1985d: 748. New Caledonia (France).
inflatistyla Debenham, 1972: 30. Australia (New South Wales).
jamnbacki Wirth and Williams, 1964: 308. USA (Michigan).
knighti Wirth and Williams, 1964: 305. USA (Florida).
lanei Wirth, 1953b: 142. USA (Florida).
legrandi Clastrier, 1984a: 49. Gabon.
leveri Wirth and Giles, 1990: 452. Fiji.
lutea Tokunaga, 1963a: 241. Papua New Guinea.
macfieii Wirth, 1953b: 143. USA (Louisiana).
maculipennis (Coquillett), 1905: 64 (*Ceratopogon*). USA (Florida).
magnithecra Wirth and Grogan, 1981: 42. USA (Maryland).
maya Felipe-Bauer, Huerta and Ibáñez-Bernal, 2000: 815. Mexico.
mayeri Ortiz, 1950d: 202. Venezuela.
minuscule Clastrier, 1985d: 758. New Caledonia (France).
neocaledonica Clastrier, 1993b: 158. New Caledonia (France).
novaguinensis Tokunaga, 1959: 309. Papua New Guinea.
obscura Wirth and Williams, 1964: 304. USA (Massachusetts).
orientalis Ratanaworabhan and Wirth, 1972: 444. Thailand.
ornata Wirth, 1953b: 144. USA (Florida).
ornatissima Clastrier, 1985d: 750. New Caledonia (France).
ornatithorax Clastrier and Delécolle, 1990: 153. Guinea.
pahangensis Ratanaworabhan and Wirth, 1972: 443. Malaysia.
palauensis Tokunaga, *in* Tokunaga and Murachi, 1959: 408. Belau (USA).
pallida Clastrier and Delécolle, 1990: 151. Guinea.
palustria Debenham, 1972: 28. Australia (Queensland).
paranigripes Saha and Das Gupta, 1991: 6. India.
periucunda de Meillon and Wirth, 1981c: 587. South Africa.
phoenix Debenham, 1972: 38. Australia (New South Wales).
polychroma Clastrier, 1958b: 252. Senegal.
poncai Lane and Wirth, 1964: 228. Panama.
ponticulifera Debenham, 1972: 38. Australia (Capital Territory).
praeclara Goetghebuer, 1935d: 178. Democratic Republic of the Congo.
pseudochelagonata Saha and Das Gupta, 1991: 8. India.
radialis Debenham, 1972: 22. Australia (Queensland).
roraimensis Felipe-Bauer and Spinelli, 1991: 202. Brazil.
scirpi (Kieffer), 1901a: 157 (*Palpomyia*). France.
scutofasciata Clastrier, 1985d: 754. New Caledonia (France).
sinica Yu and Deng, *in* Yu et al., 2005: 1435. China.
smeei Tokunaga, 1963a: 239. Papua New Guinea.
subpahangensis Saha and Das Gupta, 1991: 7. India.
texana Wirth, 1953b: 143. USA (Texas).
tigrina (Skuse), 1889: 306 (*Ceratopogon*). Australia (New South Wales).
transversalis Clastrier, 1960b: 290. Congo.
umbrosipennis Debenham, 1972: 32. Australia (Queensland).
unica Sinha and Das Gupta, 1992: 26. India.
urraçaisi Lane and Wirth, 1964: 231. Panama.
uruguayensis Felipe-Bauer and Spinelli, 1998: 63. Uruguay.
ussurica Remm, 1971: 208. Russia.

wirthi Khalaf, 1969: 407. USA (Mississippi).

Genus NANNOHELEA Grogan and Wirth

NANNOHELEA Grogan and Wirth, 1980a: 374. Type species: *Ceratopogon bourioni* Clastrier, by original designation.

bourioni (Clastrier), 1961a: 424 (*Ceratopogon*). Algeria.

clastrieri Grogan and Wirth, 1980a: 381. Colombia.

eocenica Szadziewski, 1988: 101. Denmark. Eocene.

fuscipennis (Tokunaga), 1964a: 298 (*Ceratopogon*). Papua New Guinea.

grogani Szadziewski, 1988: 99. Denmark. Eocene.

tamil Grogan and Wirth, 1990: 348. Sri Lanka.

Genus NEOHELEA Clastrier

NEOHELEA Clastrier, 1988a: 53. Type species: *Neohalea pastoriana* Clastrier, by original designation.

pastoriana Clastrier, 1988a: 55. Guinea.

Genus NEUROBEZZIA Wirth and Ratanaworabhan

NEUROBEZZIA Wirth and Ratanaworabhan, 1972b: 244. Type species: *Bezzia granulosa* Wirth, by original designation.

MEDEOBEZZIA Yu, 1995: 287 (also as *Meddeobezzia*, *Medeobizzia*). Type species: *Medeobezzia singularis* Yu, by monotypy.

granulosa (Wirth), 1952a: 240 (*Bezzia*). USA (California).

singularis (Yu), 1995: 287 (*Medeobezzia*). China.

tsacasi Clastrier, 1983c: 64. Seychelles.

Genus NOTIOHELEA Grogan and Wirth

NOTIOHELEA Grogan and Wirth, 1979c: 283. Type species: *Notiohelea chilensis* Grogan and Wirth, by original designation.

chilensis Grogan and Wirth, 1979c: 284. Chile.

pilosa Spinelli and Grogan, 1990: 133. Argentina.

Genus NOTOCERATOPOGON de Meillon and Downes

NOTOCERATOPOGON de Meillon and Downes, 1986: 157. Type species: *Notoceratopogon minutus* de Meillon and Downes, by original designation.

alcides (de Meillon and Hardy), 1954: 74 (*Ceratopogon*). South Africa.

minutus de Meillon and Downes, 1986: 161. South Africa.

natalensis (de Meillon), 1937b: 378 (*Ceratopogon*). South Africa.

vockerothi de Meillon and Downes, 1986: 162. South Africa.

Genus OXYRIA Yu

OXYRIA Yu, *in* Yu et al., 2005: 1436. Type species: *Oxyria xui* Yu, by original designation.

xui Yu, *in* Yu et al., 2005: 1437. China.

Genus PALAEOBRACHYPOGON Borkent

PALAEOBRACHYPOGON Borkent, 1995: 70. Type species: *Palaeobrachypogon vetus* Borkent, by original designation.

aquilonius (Boesel), 1937: 49 (*Ceratopogon*). Canada (Manitoba). Upper Cretaceous.

grandiforceps Borkent, 2000b: 463. USA (New Jersey). Upper Cretaceous.

macronyx (Remm), 1976b: 113 (*Ceratopogon*). Russia. Upper Cretaceous.

remmi Borkent, 1995: 76. Canada (Alberta). Upper Cretaceous.

vetus Borkent, 1995: 78. Canada (Alberta). Upper Cretaceous.

Genus **PARABEZZIA** Malloch

PARABEZZIA Malloch, 1915a: 358. Type species: *Parabezzia petiolata* Malloch, by original designation.

alexanderi Wirth, 1965b: 219. USA (Massachusetts).

arenosa Clastrier and Raccurt, 1979a: 172. Haiti.

atchleyi Grogan and Wirth, 1977a: 67. USA (Texas).

balseiroi Spinelli and Grogan, 1987: 13. Argentina.

blantoni Wirth, 1965b: 220. Panama.

brasiliensis Spinelli and Grogan, 1987: 34. Brazil.

brunnea Wirth, 1965b: 220. Panama.

bystraki Grogan and Wirth, 1977a: 70. USA (Maryland).

caribbeana Clastrier and Raccurt, 1979a: 173. Haiti.

cayoensis Spinelli and Grogan, 1987: 36. Belize.

clastrieri Spinelli and Grogan, 1987: 23. El Salvador.

costalis Wirth, 1965b: 221. Panama.

downesi Wirth, 1965b: 222. Canada (Ontario).

eupetiolata Grogan and Wirth, 1977a: 79. USA (New York).

falcipennis Clastrier, 1960b: 293. Congo.

insolita Vattier and Adam, 1966b: 769. Congo.

fuscipennis Wirth, 1965b: 223. Panama.

grogani Szadziwski and Wirth, 1983: 359. Algeria.

haitiensis Clastrier and Raccurt, 1979a: 170. Haiti.

hondurensis Spinelli and Grogan, 1987: 25. Honduras.

horvathi Grogan and Wirth, 1977a: 81. USA (Florida).

huberti Grogan and Wirth, 1977a: 75. USA (Maryland).

inaequalis Spinelli and Grogan, 1987: 38. Brazil.

inermis (Coquillett), 1902a: 86 (*Ceratopogon*). USA (Arizona).

jamaicensis Wirth, 1965b: 224. Jamaica.

neunguis Grogan and Wirth, 1977a: 65. USA (Virginia).

obscura de Meillon and Wirth, 1981c: 588. South Africa.

orientalis Giles and Wirth, 1982b: 823. Sri Lanka.

pallida Spinelli and Grogan, 1987: 40. Mexico.

panamensis Wirth, 1965b: 225. Panama.

petiolata Malloch, 1915a: 359. USA (Illinois).

pseudunguis Spinelli and Grogan, 1987: 30. Panama.

raccurti Spinelli and Grogan, 1987: 42. El Salvador.

spangleri Wirth, 1965b: 227. Puerto Rico (USA).

stagni de Meillon and Wirth, 1981b: 538. South Africa.

texensis Grogan and Wirth, 1977a: 60. USA (Texas).

uncinata (Johannsen), 1943: 761 (*Stilobezzia*). USA (Alabama).

unguis Wirth, 1965b: 228. USA (Arizona).

williamsi Wirth, 1965b: 229. USA (Michigan).

wirthi Clastrier and Raccurt, 1979a: 169. Haiti.

Genus PARALLUAUDOMYIA Clastrier

PARALLUAUDOMYIA Clastrier, 1960b: 268. Type species: *Paralluaudomyia maculata* Clastrier, by original designation.

maculata Clastrier, 1960b: 269. Congo.

Genus PARASTILOBEZZIA Wirth and Blanton

PARASTILOBEZZIA Wirth and Blanton, 1970a: 10. Type species: *Parastilobezzia leei* Wirth and Blanton, by original designation.

leei Wirth and Blanton, 1970a: 10. Colombia.

Genus PERONEHELEA Borkent

PERONEHELEA Borkent, 1995: 80. Type species: *Peronehelea chrimikalydia* Borkent, by original designation.

chrimikalydia Borkent, 1995: 82. Canada (Alberta). Upper Cretaceous.

frigidus (Remm), 1976b: 115 (*Ceratopogon*). Russia. Upper Cretaceous.

sibirica Szadziewski, 1996: 69. Russia. Upper Cretaceous.

Genus PSEUDOSTILOBEZZIA Wirth and Ratanaworabhan

PSEUDOSTILOBEZZIA Wirth and Ratanaworabhan, 1973: 177. Type species: *Pseudostilobezzia macclurei* Wirth and Ratanaworabhan, by original designation.

macclurei Wirth and Ratanaworabhan, 1973: 178. Viet Nam.

wirthi Yu and Yan, 2003: 238. China.

Genus RHYNCHOHELEA Wirth and Blanton

RHYNCHOHELEA Wirth and Blanton, 1970c: 96. Type species: *Rhynchohelea monilicornis* Wirth and Blanton, by original designation.

monilicornis Wirth and Blanton, 1970c: 98. USA (Florida).

Genus SCHIZOHELEA Kieffer

SCHIZOHELEA Kieffer, 1917b: 295. Type species: *Ceratopogon copiosus* Winnertz (= *Ceratopogon leucopeza* Meigen), by monotypy.

KIEFFEROMYIA Mayer, 1937a: 303. Type species: *Kiefferomyia gorana* Mayer (= *Ceratopogon leucopeza* Meigen), by original designation.

armata (Remm), 1993: 182 (*Monohelea*). Russia.

incerta (Clastrier), 1963: 60 (*Monohelea*). Algeria.

lampropeza (Remm), 1967: 29 (*Monohelea*). Georgia.

leucopeza (Meigen), 1804: 29 (*Ceratopogon*). Europe.

albitarsis (Wiedemann), 1817: 67. (*Ceratopogon*). Germany.

copiosa (Winnertz), 1852: 56 (*Ceratopogon*). Germany.

polita (Coquillett), 1901a: 606 (*Ceratopogon*). USA (Massachusetts).

stecki (Kieffer), 1915b: 65 (*Bezzia*). Switzerland.

gorana (Mayer), 1937a: 303 (*Kiefferomyia*). Germany.

xanthopeza (Clastrier), 1963: 55 (*Monohelea*). Belgium, Norway, Finland.

pekae (Remm), 1980: 89 (*Monohelea*). Kyrgyzstan.

spathulata (Remm), 1993: 183 (*Monohelea*). Armenia.

Genus SCHIZONYXHELEA Clastrier

SCHIZONYXHELEA Clastrier, 1984b: 1. Type species: *Schizonyxhelea guyana* Clastrier, by original designation.

forattinii Wirth and Grogan, 1988: 81. Brazil.

guyana Clastrier, 1984b: 2. French Guiana.

Genus SERROMYIA Meigen

SERROMYIA Meigen, 1818: 83. Type species: *Ceratopogon femoratus* Meigen, by monotypy.

PRIONOMYIA Stephens, 1829b: 237. Type species: *Ceratopogon femoratus* Meigen, designation by Westwood, 1840: 126.

ATMOBIA Bigot, 1857: 519. Type species: *Ceratopogon femoratus* Meigen, designation by Evenhuis and Pont, 2004:15.

CERATOLOPHUS Kieffer, 1899: 69, (preoccupied by Barboza de Bocage, 1873). Type species: *Ceratopogon femoratus* Meigen, by original designation.

JOHANNSENIELLA Williston, 1907: 1. New name for *Ceratolophus* Kieffer. Type species: *Ceratopogon femoratus* Meigen, automatic.

CERATOLOPHANA Strand, 1928: 48. New name for *Ceratolophus* Kieffer. Type species: *Ceratopogon femoratus* Meigen, automatic.

aethiopiae Clastrier and Wirth, 1961a: 219. Gambia.

agathae de Meillon and Wirth, 1983b: 388. South Africa.

alpheia (Heyden), 1870: 251 (*Ceratopogon*). Germany. Eocene.

austera Statz, 1944: 150. Germany. Oligocene.

colorata Statz, 1944: 150. Germany. Oligocene.

spinofemorata Statz, 1944: 151. Germany. Oligocene.

anomalicornis (Loew), 1850: 30 (*Ceratopogon*). Baltic region. Eocene.

arabica Szadziewski, Gwizdalska-Kentzer and Gilka, 2011: 648. United Arab Emirates.

atra (Meigen), 1818: 84 (*Ceratopogon*). Latvia.

albitarsis Kieffer, 1919a: 71. Hungary.

micronyx Kieffer, 1919a: 70. Hungary.

spinosipes Kieffer, 1919a: 72. Hungary.

nitens Goetghebuer, 1920: 73. Belgium.

barberi Wirth, 1952a: 205. USA (California).

bicolor Borkent, in Borkent and Bissett, 1990: 196. Germany.

borealis Borkent, in Borkent and Bissett, 1990: 186. Canada (Alberta).

crassifemorata Malloch, 1914a: 218. USA (Illinois).

esakii Tokunaga, 1940a: 218. Micronesia.

femorata (Meigen), 1804: 28 (*Ceratopogon*). Europe.

armata (Meigen), 1818: 83 (*Ceratopogon*). Germany.

foersteri (Meigen), 1838: 21 (*Ceratopogon*). Great Britain.

flavipes (Gimmerthal), 1847: 144 (*Ceratopogon*, preoccupied by *Palpomyia flavipes* (Meigen), 1804). Great Britain.

flavicrus (Kieffer), 1906a: 63 (*Palpomyia*). New name for *flavipes*.

inermipes Kieffer, 1919a: 73. Great Britain.

festiva Kieffer, 1911c: 346. Seychelles.

flaviventris Remm, 1993: 182. Russia.

hainana Yu and Yan, 2002: 168. China.

heveli Giles and Wirth, 1982a: 442. Sri Lanka.

ledicola Kieffer, 1925b: 156. Estonia.

europaea Clastrier, 1963: 61. Austria.

macronyx Goetghebuer, 1933c: 355. Belgium.

maculipennis Giles and Wirth, 1982a: 444. Sri Lanka.

mangrovi Delécolle and Braverman, 1987: 57. Egypt.

- meiswinkeli** de Meillon and Wirth, 1983b: 390. South Africa.
- morio** (Fabricius), 1775: 800 (*Culex*). Great Britain.
nudipennis Kieffer, 1913a: 10. Great Britain.
- neethlingi** de Meillon and Wirth, 1983b: 392. South Africa.
- nocticolor** Kieffer, 1914b: 268. South Africa.
armipes (de Meillon), 1959a: 343 (*Ceratopogon*, preoccupied by *Palpomyia armipes* (Meigen), 1838). South Africa.
corinneae (Gosseries), 1989: 2 (*Ceratopogon*). New name for *armipes*.
- nudicolis** Borkent, in Borkent and Bissett, 1990: 188. USA (Maine).
- pacifica** Remm, 1990: 4 (Remm, in Borkent and Bissett, 1990: 201). Russia.
- pendleburyi** Macfie, 1934c: 280. Malaysia.
- polonica** Szadziewski, 1988: 135. Poland. Eocene.
- punctata** Giles and Wirth, 1982a: 446. Sri Lanka.
- reyei** Debenham, 1970d: 161. Australia (Northern Territory).
- rossi** de Meillon and Wirth, 1983b: 396. Madagascar.
- rufitarsis** (Meigen), 1818: 83 (*Ceratopogon*). Europe.
gelida Kieffer, 1925a: 429. Latvia.
bispinosa Goetghebuer, 1936: 321. Belgium.
dipetala Remm, 1965: 182. Estonia.
- ryszardi** Borkent, in Borkent and Bissett, 1990: 207. Poland. Eocene.
- sierrensis** Borkent, in Borkent and Bissett, 1990: 190. USA (California).
- silvatica** de Meillon and Downes, 1986: 175. South Africa.
- sinuosa** Borkent, in Borkent and Bissett, 1990: 207. Poland. Eocene.
- spinigera** (Loew), 1850: 30 (*Ceratopogon*). Baltic region. Eocene.
elongata (Meunier), 1904a: 231 (1904b: 242) (*Ceratopogon*, preoccupied by *Forcipomyia elongata* (Kieffer), 1901a).
 Baltic region. Eocene.
- stuckenbergi** de Meillon and Wirth, 1983b: 398. South Africa.
- subinermis** Kieffer, 1919a: 73 (as variety of *spinosipes*). Hungary.
- succinea** Szadziewski, 1988: 136. Poland. Eocene.
- tecta** Borkent, in Borkent and Bissett, 1990: 205. Austria.
- vockerothi** Borkent, in Borkent and Bissett, 1990: 191. Canada (Manitoba).
- zuluensis** de Meillon and Wirth, 1981c: 589. South Africa.

Genus SINHALOHELEA Grogan and Borkent

SINHALOHELEA Grogan and Borkent, 1992: 314. Type species: *Sinhalohelea gansi* Grogan and Borkent, by original designation.

- dayongi** Yu, 2003b:201. China.
- gansi** Grogan and Borkent, 1992: 315. Sri Lanka.
- pingyii** Yu, in Yu et al., 2005: 1443. China.

Genus SPINELLIHELEA Borkent, Grogan and Picado

SPINELLIHELEA Borkent, Grogan and Picado, 2008: 623. Type species: *Spinellihelea brevicosta* Borkent, Grogan and Picado, by original designation.

- brevicosta** Borkent, Grogan and Picado, 2008: 627. Costa Rica.

Genus STILOBEZZIA Kieffer

- STILOBEZZIA** Kieffer, 1911a: 118. Type species: *Stilobezzia festiva* Kieffer, by original designation.
- HARTOMYIA** Malloch, 1915a: 339. Type species: *Ceratopogon pictus* Coquillett (= *Stilobezzia coquilletti* Kieffer), by original designation.

Subgenus ACANTHOHELEA Kieffer

- ACANTHOHELEA** Kieffer, 1917a: 198. Type species: *Acanthohelea pruinosa* Kieffer, by monotypy.
PALEOTETRAGONEURA Meunier, 1920a: 897 (1920b: 1221). Type species: *Tetragoneura veterana* Meunier, by monotypy.
NEOSTILOBEZZIA Goetghebuer, 1934a: 53 (as subgenus of *Stilobezzia*). Unavailable name; proposed after 1930 without type species designation.
NEOSTILOBEZZIA Wirth, 1953a: 63. Type species: *Ceratopogon ochraceus* Winnertz, by original designation.
- acrotrichis** Tokunaga, 1959: 301. Papua New Guinea.
afra Clastrier, 1991a: 298. Guinea.
afrotropica Clastrier, 1991a: 302. Guinea.
alba Tokunaga, 1940d: 155. Japan.
albiabdominalis Tokunaga and Murachi, 1959: 368. Micronesia.
amaniensis de Meillon, *in* Wirth et al., 1980: 168. New name for *monticola*.
monticola de Meillon, 1960: 403 (preoccupied by *Stilobezzia monticola* Tokunaga, 1940b). Tanzania.
amazonica Clastrier, 1991a: 306. French Guiana.
amplistyla Clastrier, 1989a: 13. Guinea.
anomalapennis Yu, *in* Yu et al., 2005: 1449. China.
antipodalis Ingram and Macfie, 1931b: 203. New Zealand.
armatibiae Tokunaga, 1963a: 260. Papua New Guinea.
artistyla Das Gupta and Wirth, 1968: 41. Thailand.
atrishopogon Lane and Forattini, 1956: 208. Panama.
badia Macfie, 1932c: 41. New Zealand.
biangulata Tokunaga, 1963a: 274. Papua New Guinea.
bicinctipes Ingram and Macfie, 1931a: 195. Chile.
bifurcata Tokunaga, 1959: 307. Papua New Guinea.
brandti Tokunaga, 1963a: 276. Papua New Guinea.
brevistyla Clastrier, 1989a: 12. Guinea.
calcaris Tokunaga and Murachi, 1959: 382. Micronesia.
carayoni Clastrier, 1986a: 284. Guinea.
centripictura Tokunaga, 1963a: 252. Indonesia.
cereola Clastrier, 1963: 51. Macedonia.
challieri Vattier and Adam, 1966b: 741. Congo.
clavicula Tokunaga, 1963a: 270. Papua New Guinea.
chlorogastrula Yu and Yuan, 2007: 76. China.
constans Das Gupta and Wirth, 1968: 42. Philippines.
corneti Clastrier, 1991a: 303. Burkina Faso.
crassiforceps Tokunaga, 1963a: 266. Papua New Guinea.
crassivenosa Das Gupta and Wirth, 1968: 44. Pakistan.
curvistyla Cazorla and Spinelli, 2007: 182. Argentina.
differens de Meillon, 1960: 406. Liberia.
dispartheca Das Gupta, Chaudhuri and Sanyal, 1971: 440. India.
distinctigenitalis Das Gupta, Chaudhuri and Sanyal, 1971: 438. India.
djalonsensis Clastrier, 1988c: 127. Guinea.
dominicana Szadziewski and Grogan, 1998a: 45. Dominican Republic. Miocene.
donskoffi Clastrier, 1988a: 60. Democratic Republic of the Congo.
douryi Clastrier, 1963: 42. Algeria.
edwardsi Ingram and Macfie, 1931a: 198. Argentina.
eliptaminensis Tokunaga, 1963a: 265. Papua New Guinea.
falcata (Meunier), 1904a: 233 (1904b: 244) (*Ceratopogon*). Baltic region. Eocene.
spinosa (Meunier), 1904a: 234 (1904b: 245) (*Ceratopogon*). Baltic region. Eocene.
fasciscutata Das Gupta and Wirth, 1968: 46. Malaysia.
fitzroyensis Lee, 1948c: 350. Australia (New South Wales).

flaccisacca Yu and Zhang, *in* Yu et al., 2005: 1452. China.
flava Chaudhuri, Das Gupta and Sinharay, 1974: 49. India.
flavida de Meillon and Wirth, 1987a: 56. South Africa.
fortistyla Das Gupta and Wirth, 1968: 48. Malaysia.
fulva de Meillon and Downes, 1986: 176. South Africa.
fulvacea Remm, 1980: 95. Tajikistan.
fulviscuta Tokunaga and Murachi, 1959: 399. Micronesia.
furcellata Remm, 1980: 93. Tajikistan.
furcipes de Meillon, 1960: 404. Liberia.
furva Ingram and Macfie, 1931a: 200. Argentina.
fuscidorsum Kieffer, 1921a: 58. Germany.
fuscigenua Tokunaga and Murachi, 1959: 373. Belau (USA).
fusciscutellata Tokunaga and Murachi, 1959: 376. Micronesia.
fuscula Wirth, 1952a: 204. USA (California).
fusistylata Tokunaga and Murachi, 1959: 392. Micronesia.
gallica Clastrier, 1991a: 305. France.
genitalis Lee, 1948c: 349. Australia (Tasmania).
gigantiforceps Clastrier, 1989a: 6. Guinea.
gracilenta Yu and Zou, *in* Yu et al., 2005: 1454. China.
gracilis (Haliday), 1833: 152 (*Ceratopogon*). Great Britain.
dorsalis (Zetterstedt), 1850: 3644 (*Ceratopogon*). Sweden.
gressitti Tokunaga and Murachi, 1959: 372. Micronesia.
guarani Cazorla and Spinelli, 2010: 46. Argentina.
guianae (Macfie), 1940d: 28 (*Acanthohelea*). Guyana.
hirsuta Ingram and Macfie, 1931a: 201. Argentina.
illustris Das Gupta, Chaudhuri and Sanyal, 1971: 441. India.
imparthea Das Gupta, Chaudhuri and Sanyal, 1971: 443. India.
insigniforceps Clastrier, 1989a: 9. Guinea.
insolita Das Gupta and Wirth, 1968: 49. Malaysia.
kindiae Clastrier, 1988c: 121. Guinea.
kunashiri Remm, 1993: 186. Russia.
kutscheri Szadziewski, 1993: 637. Germany. Eocene.
lanceloti Macfie, 1937b: 78. Ethiopia.
latiforceps Tokunaga, *in* Tokunaga and Murachi, 1959: 386. Belau (USA).
setigera Tokunaga, *in* Tokunaga and Murachi, 1959: 387 (valid subspecies of *latiforceps*). Belau (USA).
latistyla Clastrier, 1989a: 10. Guinea.
latiunguis Clastrier, 1985e: 460. Guinea.
lengi Yu, *in* Yu et al., 2005: 1456. China.
limai Wirth and Derron, 1976: 234. Sao Tomé and Príncipe.
longicornis Goetghebuer, 1934d: 193. Democratic Republic of the Congo.
longisacca Yu and Deng, *in* Yu et al., 2005: 1457. China.
longistyla Tokunaga, 1941a: 117. Micronesia.
lutacea Edwards, 1926a: 412. Great Britain.
lutea (Malloch), 1918a: 18 (*Hartomyia*). USA (Illinois).
mallochi Hoffman, 1924: 283. USA (New York).
luteola de Meillon, 1940: 460. South Africa.
maai Tokunaga, 1963a: 264. Indonesia.
macclurei Das Gupta and Wirth, 1968: 51. Malaysia.
magnitheca Das Gupta and Wirth, 1968: 52. Indonesia.
manaosensis Lane and Forattini, 1958: 205. Brazil.
menglaensis Yu and Huang, *in* Yu et al., 2005: 1459. China.
miripes Das Gupta and Wirth, 1968: 54. Malaysia.
monopicta Cazorla and Spinelli, 2010: 48. Argentina.
monticola Tokunaga, 1940b: 279. Japan.

natalensis de Meillon, 1939a: 20. South Africa.
nebulosa Tokunaga, 1963a: 252. Papua New Guinea.
nigerrima Ingram and Macfie, 1931a: 196. Argentina.
nigriapicalis Tokunaga, 1963a: 275. Papua New Guinea.
niveus Liu, Yan and Liu, 1996: 44. China.
obesa Das Gupta and Wirth, 1968: 56. Indonesia.
obesigenitalis Das Gupta and Wirth, 1968: 58. Malaysia.
ochracea (Winnertz), 1852: 48 (*Ceratopogon*). Germany.
 rufithorax Kieffer, 1919a: 84. Slovak Republic.
 scutellata Goetghebuer, 1920: 111. Belgium.
ohakunei Ingram and Macfie, 1931b: 202. New Zealand.
okinawensis Tokunaga, 1962a: 211. Japan.
orientis de Meillon and Wirth, 1981b: 541. South Africa.
ornata Lane and Forattini, 1958: 206. Panama.
ornaticrus Ingram and Macfie, 1931a: 194. Chile.
ornatithorax Clastrier, 1988c: 128. Guinea.
ovatithecra Das Gupta, Chaudhuri and Sanyal, 1971: 445. India.
pallidicornis Tokunaga and Murachi, 1959: 366. Belau (USA).
papillata Remm, 1980: 93. Tajikistan.
papuae Tokunaga, 1963a: 272. Papua New Guinea.
paranaense Cazorla and Spinelli, 2010: 50. Argentina.
parvaeungulae Das Gupta and Wirth, 1968: 61. Malaysia.
parvithecra Das Gupta and Wirth, 1968: 59. Malaysia.
patagonica Ingram and Macfie, 1931a: 196. Argentina.
peysoni Neveu, 1977: 230. France.
postcervix Tokunaga, 1959: 303. Indonesia.
pruefferi Szadziewski, 1992a: 83. Algeria.
pruinosa (Kieffer), 1917a: 198 (*Acanthohelea*). Australia (New South Wales).
pseudoparvithecra Das Gupta, Chaudhuri and Sanyal, 1971: 447. India.
rava Ingram and Macfie, 1931a: 203. Chile.
reflexa Tokunaga, 1963a: 269. Papua New Guinea.
robusta Das Gupta and Wirth, 1968: 62. Malaysia.
royi Das Gupta, Chaudhuri and Sanyal, 1971: 447. India.
sahariensis Kieffer, 1923a: 681. Algeria.
 aureola Clastrier, 1963: 49. Algeria.
samoana Edwards, 1928: 57. Western Samoa.
sanctibernardini Kieffer, 1917b: 308. Paraguay.
saxonica Szadziewski, 1993: 638. Germany. Eocene.
scutica Chaudhuri, Das Gupta and Sinharay, 1974: 47. India.
seguyi Clastrier, 1990: 399. Guinea.
semiartistyla Sinha, Das Gupta, and Chaudhuri, 2003a: 530. India.
setigeripes Tokunaga, 1963a: 268. Papua New Guinea.
setigeriscutellata Tokunaga and Murachi, 1959: 394. Micronesia.
similisegmenta Tokunaga, 1959: 306. Papua New Guinea.
simulator de Meillon, 1960: 408. Liberia.
singularis Clastrier, 1985e: 464. Guinea.
soror Johannsen, 1932: 432. Indonesia.
spadicicoxalis Tokunaga and Murachi, 1959: 396. Micronesia.
spadicitibialis Tokunaga and Murachi, 1959: 370. Micronesia.
speculae Macfie, 1934c: 284. Malaysia.
spinifemorata Tokunaga, 1963a: 262. Indonesia.
stonei Wirth, 1953a: 66. USA (Virginia).
subalba Das Gupta and Wirth, 1968: 64. Malaysia.
subnebulosa Das Gupta and Wirth, 1968: 38. Thailand.

- subsoror** Tokunaga, 1941a: 116. Micronesia.
subumbrosa Das Gupta, Chaudhuri and Sanyal, 1971: 449. India.
succinea Ingram and Macfie, 1931a: 200. Argentina.
szadziewskii Chaudhuri and Das Gupta, 1991: 182. New name for *falcata*.
falcata Chaudhuri, Das Gupta and Sinharay, 1974: 48 (preoccupied by *Stilobezzia falcata* (Meunier), 1904a). India.
tasmaniensis Lee, 1948c: 347. Australia (Tasmania).
tenuiforceps Tokunaga and Murachi, 1959: 384. Belau (USA).
thibaulti Neveu, 1977: 226. France.
thyridofera Tokunaga, 1959: 304. Indonesia.
tibialis Lane and Forattini, 1956: 209. Panama.
tomensis Wirth and Derron, 1976: 236. Sao Tomé and Príncipe.
tonnoiri Macfie, 1932c: 43. New Zealand.
trilineata de Meillon and Wirth, 1983a: 365. South Africa.
trimaculata de Meillon and Wirth, 1987a: 57. South Africa.
truncata Tokunaga, *in* Tokunaga and Murachi, 1959: 389. Micronesia.
umbrosa Das Gupta, Chaudhuri and Sanyal, 1971: 452. India.
unicellula Clastrier, 1985e: 463. Guinea.
unifascidorsalis Tokunaga, *in* Tokunaga and Murachi, 1959: 379. Belau (USA).
vandeli Vattier and Adam, 1966b: 738. Congo.
varia Ingram and Macfie, 1931a: 191. Chile.
venefica Das Gupta and Wirth, 1968: 39. Thailand.
veterana (Meunier), 1920a: 897 (1920b: 1221) (*Tetragoneura*). Germany. Oligocene.
goetghebueri Statz, 1944: 148. Germany. Oligocene.
vittula Tokunaga, 1963a: 260. Papua New Guinea.
wanlinensis Yu and Li, *in* Yu et al., 2005: 1461. China.
wirthicola Szadziewski and Grogan, 1998a: 45. New name for *succinea*.
succinea Szadziewski, 1993: 639 (preoccupied by *Stilobezzia succinea* Ingram and Macfie, 1931a). Germany. Eocene.
xanthogaster Das Gupta and Wirth, 1968: 65. Malaysia.
xerophila Cazorla and Spinelli, 2010: 52. Argentina.

Subgenus DEBENHAMIA Wirth and Grogan

- DEBENHAMIA** Wirth and Grogan, 1988: 89 (as subgenus of *Stilobezzia*). Type species: *Stilobezzia collessi* Wirth and Grogan, by original designation.
collessi Wirth and Grogan, 1988: 91. Australia (New South Wales).
dycei Wirth and Grogan, 1988: 93. Australia (Western Australia).

Subgenus EUKRAIOHELEA Ingram and Macfie

- EUKRAIOHELEA** Ingram and Macfie, 1921: 347. Type species: *Eukraiohelea africana* Ingram and Macfie, designation by Macfie, 1940f: 22.
africana (Ingram and Macfie), 1921: 347 (*Eukraiohelea*). Ghana.
amnigena (Macfie), 1935a: 56 (*Eukraiohelea*). Brazil.
brevicostalis Das Gupta and Wirth, 1968: 28. Malaysia.
clarifemorata Das Gupta and Wirth, 1968: 18. Malaysia.
dorsofasciata (Lutz), 1914: 96 (*Palpomyia*). Brazil.
elegantula (Johannsen), 1907: 109 (*Bezzia*). USA (Kansas).
subsessilis Kieffer, 1917b: 311. Paraguay.
maculitibia Lane and Forattini, 1956: 207. Panama.
foyi (Ingram and Macfie), 1922: 270 (*Eukraiohelea*). Nigeria.

fuscipes Das Gupta and Wirth, 1968: 20. Thailand.
fusciterga Das Gupta and Wirth, 1968: 22. Thailand.
minima Kieffer, 1918a: 100. India.
minuta Das Gupta and Wirth, 1968: 23. Thailand.
punctifemorata Das Gupta and Wirth, 1968: 25. Malaysia.
versicolor (Ingram and Macfie), 1921: 351 (*Eukraiohelea*). Ghana.

Subgenus STILOBEZZIA Kieffer

addita Clastrier, 1986b: 380. Democratic Republic of the Congo.
albicoxa Lane and Forattini, 1956: 210. Panama.
albocincta Kieffer, 1917b: 309. Paraguay.
americana Kieffer, 1917b: 310. Paraguay.
angustipennis Clastrier, 1988c: 125. Guinea.
ani Yu, *in* Yu et al., 2005: 1464. China.
antennalis (Coquillett), 1901a: 606 (*Ceratopogon*). USA (District of Columbia).
antilleana Szadziewski and Grogan, 1998a: 46. Dominican Republic. Miocene.
areolaris (Kieffer), 1911c: 345 (*Sphaeromias*). Seychelles.
atronitens Goetghebuer, 1933e: 148. Democratic Republic of the Congo.
baojia Liu and Shi, 2002: 187. China.
basizonata Tokunaga, 1963a: 254. Indonesia.
bata de Meillon and Hardy, 1954: 62. Cameroon.
beckae Wirth, 1953a: 69. USA (Florida).
bessa Yu and Zhang, *in* Yu et al., 2005: 1465. China.
bicolor Lane, 1947a: 208. Brazil.
bimacula (Kieffer), 1910: 201 (*Palpomyia*). India.
bimaculata Lane and Forattini, 1956: 211. Panama.
bispinosa Kieffer, 1917b: 310. Paraguay.
bizonata Tokunaga, 1963a: 256. Papua New Guinea.
blaesospira Yu and Deng, *in* Yu et al., 2005: 1467. China.
blantoni Lane and Forattini, 1956: 211. Panama.
boharti Tokunaga, 1962a: 211. Japan.
brevicornis Clastrier, 1988c: 130. Guinea.
browni Wirth and Giles, 1990: 454. Fiji.
bullae Thomsen, 1935: 289. USA (New York).
caribe Lane and Forattini, 1958: 208. Panama.
castanea Macfie, 1934c: 284 (1934d: 220). Malaysia.
chaconi Macfie, 1938: 166. Trinidad and Tobago.
chasteli Clastrier, 1967: 115. Cambodia.
punctivenosa Das Gupta and Wirth, 1968: 106. Thailand.
chlorosa Clastrier, 1986b: 364. New name for *viridis*.
viridis Goetghebuer, 1935d: 179 (preoccupied by *Stilobezzia viridis* (Coquillett), 1901a). Democratic Republic of Congo.
claripennis Clastrier, 1958b: 243. Senegal.
claripes Das Gupta and Wirth, 1968: 128. South Korea.
tokunagai Das Gupta and Wirth, 1968: 131. Japan.
maiensis Remm, 1971: 209. Russia.
clavella Yu, *in* Yu et al., 2005: 1468. China.
congestiterga Das Gupta and Wirth, 1968: 124. Malaysia.
coquilletti Kieffer, 1917b: 308. New name for *picta*.
picta (Coquillett), 1905: 60 (*Ceratopogon*, preoccupied by *Sphaeromias pictus* (Meigen), 1818). USA (Virginia).
coracina Kieffer, 1917b: 311. Paraguay.
crassipes Kieffer, 1918a: 101. India.
crassistyla Das Gupta and Wirth, 1968: 125. Philippines.

- crossi** de Meillon and Wirth, 1981c: 591. South Africa.
- debilipes** Das Gupta and Wirth, 1968: 134. Malaysia.
- decora** Kieffer, 1916a: 89. Taiwan.
- diminuta** Lane and Forattini, 1958: 209. Panama.
- distinctifasciata** Das Gupta and Wirth, 1968: 135. Thailand.
- diversa** (Coquillett), 1901a: 607 (*Ceratopogon*). USA (New Jersey).
- dorsosignata** Sinha, Das Gupta, and Chaudhuri, 2003a: 529. India.
- dryadum** Macfie, 1940b: 186. Guyana.
- dubitans** Lane, Forattini and Rabello, 1955: 85. Brazil.
- dureti** Lane and Forattini, 1958: 210. Brazil.
- ensistyla** Chaudhuri, Das Gupta and Chatterjee, 1981: 149. India.
- erectiseta** Liu, Yan and Liu, 1996: 43. China.
- esmeralda** Lane and Forattini, 1958: 211. Panama.
- eximitarsis** Das Gupta and Wirth, 1968: 115. Malaysia.
- femoralis** Lane and Forattini, 1956: 212. Panama.
- festiva** Kieffer, 1911a: 118. India.
scutellaris Kieffer, 1912c: 7 (as variety of *festiva*). Sri Lanka.
- fiebrigi** Kieffer, 1917b: 309. Paraguay.
- filapenis** Yu and Liu, 1991: 50. China.
- flavipectoralis** Remm, 1993: 187. Russia.
- flavirostris** (Winnertz), 1852: 52 (*Ceratopogon*). Germany.
albicornis Kieffer, 1919a: 84. Austria.
- flavirostroides** (Strobl), 1880: 64 (*Ceratopogon*). Austria.
lateralis (Waltl), 1837 : 279 (*Ceratopogon*, preoccupied by *Forcipomyia lateralis* (Bouché), 1834). Germany.
- flavizonata** Tokunaga, 1963a: 263. Indonesia.
- fortipes** Das Gupta and Wirth, 1968: 72. Malaysia.
- gambiae** Clastrier and Wirth, 1961a: 216. Gambia.
- glauca** Macfie, 1939c: 204. Brazil.
fluminensis Lane, 1947a: 210. Brazil.
- grandis** Lane and Forattini, 1958: 213. Panama.
- harurii** Boorman and Harten, 2002: 454. Yemen.
- hirta** Borkent, *in* Borkent and Wirth, 1997:111. New name for *pruinosa*.
pruinosa Wirth, 1952a: 203 (preoccupied by *Stilobezzia pruinosa* (Kieffer), 1917a). USA (California).
- hirtaterga** Yu, 1989a: 475. China.
- hollandia** Tokunaga, 1959: 299. Indonesia.
- huberti** Das Gupta and Wirth, 1968: 85. Malaysia.
- immodentis** Liu, Yan and Liu, 1996: 44. China.
- imparungulae** Das Gupta and Wirth, 1968: 136. Malaysia.
- inermipes** Kieffer, 1912c: 8. Sri Lanka.
lineata Kieffer, 1913d: 185. India.
biroi Kieffer, 1918a: 102. Singapore.
aberrans Johannsen, 1932: 431. Indonesia.
esakiana Tokunaga, 1940e: 183 (1940d: 155). Micronesia.
inusitata (Johannsen), 1946: 190 (*Eukraiohelea*). Guam (USA).
- inkisiensis** Clastrier, 1986b: 379. Democratic Republic of the Congo.
- intermedia** de Meillon, 1939a: 18. South Africa.
- isthmstheca** Das Gupta and Wirth, 1968: 116. Thailand.
- kiefferi** Lane, 1947a: 205. Brazil.
punctipes Wirth, 1953a: 79. USA (Florida).
- kisantuensis** Clastrier, 1986b: 369. Democratic Republic of the Congo.
- lasioterga** Das Gupta and Wirth, 1968: 126. Malaysia.
- leucopeza** Clastrier, 1958b: 249. Senegal.
- limnophila** Ingram and Macfie, 1922: 267. Ghana.
- longiforceps** Clastrier, 1960b: 274. Congo.

longihamata Tokunaga, 1963a: 258. Papua New Guinea.
macfiei Lane, 1947a: 213. Brazil.
maculata Lane, 1947a: 207. Brazil.
maculipes Macfie, 1933b: 103. French Polynesia (France).
mahensis Clastrier, 1983c: 76. Seychelles.
maia Lane and Forattini, 1958: 204. Panama.
merceri Cazorla and Spinelli, *in* Cazorla et al., 2005: 290. Peru.
modesta Lane, 1947a: 206. Brazil.
mutabilis Clastrier, 1986c: 63. Guinea.
nasicae de Meillon, 1959b: 9. Congo.
navaiae Wirth and Grogan, 1981: 86. USA (New York).
nigroflava Lane and Forattini, 1958: 215. Costa Rica.
nitela Yu and Yan, 2005: 168. Vietnam.
notata (de Meijere), 1907: 210 (*Ceratopogon*). Indonesia.
nudisthmstheca Das Gupta and Wirth, 1968: 118. Sri Lanka.
neyi Clastrier, 1983c: 77. Seychelles.
obscura Lane and Forattini, 1958: 216. Panama.
oxiana Remm, 1980: 95. Tajikistan.
pallescens Lane and Forattini, 1958: 218. Panama.
pallidicollis Yu, *in* Yu et al., 2005: 1480. China.
pallidipes Clastrier, 1983c: 78. Seychelles.
pallidiventris (Malloch), 1915a: 344 (*Hartomyia*). USA (Illinois).
palpalis Tokunaga, 1963a: 255. Indonesia.
panamensis Lane and Forattini, 1958: 218. Panama.
parvula Goetghebuer, 1933e: 149. Democratic Republic of the Congo.
pastoriana Clastrier, 1986c: 66. Guinea.
paucimaculata Clastrier, 1984d: 46. Guinea.
paucipictipes Das Gupta and Wirth, 1968: 98. Indonesia.
pauliani de Meillon, 1961: 57. Madagascar.
paulistensis Lane, 1947a: 200. Brazil.
perspicua Johannsen, 1932: 433 (as variety of *notata*). Indonesia.
photophila Clastrier, 1984d: 43. Guinea.
pictipes Kieffer, 1917a: 191. Australia (New South Wales).
poikiloptera (Ingram and Macfie), 1922: 276 (*Parabezzia*). Ghana.
propristyla Das Gupta and Wirth, 1968: 129. Malaysia.
pseudofestiva Das Gupta and Wirth, 1968: 89. Thailand.
pseudonotata Das Gupta and Wirth, 1968: 91. Malaysia.
punctulata Lane, 1947a: 204. Brazil.
quatei Das Gupta and Wirth, 1968: 111. Viet Nam.
rabelloi Lane, 1947a: 203. Brazil.
rotunditheca Das Gupta and Wirth, 1968: 73. Malaysia.
rufa Kieffer, 1921b: 23. Cameroon.
rutshuruensis Clastrier, 1986b: 373. Democratic Republic of the Congo.
seychelleana Clastrier, 1983c: 79. Seychelles.
silvicola Macfie, 1940b: 185. Guyana.
similans Lane and Forattini, 1956: 214. Panama.
simplex Lane and Forattini, 1958: 222. Panama.
spinipes Das Gupta and Wirth, 1968: 74. Philippines.
spinitarsis Das Gupta and Wirth, 1968: 92. Malaysia.
spiniterga Das Gupta and Wirth, 1968: 119. Malaysia.
spirogyrae Carter, Ingram and Macfie, 1921a: 325. Ghana.
subfestiva Das Gupta and Wirth, 1968: 94. Thailand.
subflava Das Gupta and Wirth, 1968: 76. Malaysia.
subviridis Macfie, 1934d: 218. Indonesia.

- esakii* Tokunaga, 1940e: 183 (1940d: 155). Micronesia.
supernotata Das Gupta and Wirth, 1968: 95. Malaysia.
sybleae Wirth, 1953a: 82. USA (Virginia).
tauffliebi de Meillon, 1959b: 12. Congo.
tenebrosa Macfie, 1933b: 101. French Polynesia (France).
tenuicolorata Das Gupta and Wirth, 1968: 123. Malaysia.
tetragona Goetghebuer, 1934d: 193. Democratic Republic of the Congo.
thomsenae Wirth, 1953a: 83. USA (Florida).
scutata Lane and Forattini, 1961: 92. Panama.
transversa Lane and Forattini, 1958: 222. Panama.
traubi Das Gupta and Wirth, 1968: 77. Malaysia.
travassosi Lane, 1947a: 210. Brazil.
tropica Clastrier, 1958b: 247. Senegal.
unifasciata Tokunaga, 1963a: 262. Indonesia.
venezuelensis Ortiz, 1950d: 199 (as variety of *glauca*). Venezuela.
virescens Kieffer, 1919a: 84. Bulgaria.
viridis (Coquillett), 1901a: 607 (*Ceratopogon*). USA (New Jersey).
viridiventris (Kieffer), 1910: 203 (*Palpomyia*). Myanmar.
vittata Clastrier, 1960b: 276. Congo.
vulgaris Yu, 1989a: 478. China.
williamsi Cazorla and Spinelli, *in* Cazorla et al., 2005: 290. Peru.
wirthi Lane and Forattini, 1956: 214. Panama.
wudangshanensis Yu and Liu, 1991: 47. China.
wygodzinskyi Lane, 1947a: 212. Brazil.
zonata Tokunaga, 1963c: 43. Japan.

Species of *Stilobezzia* unplaced to subgenus

- kurthi** Borkent, 2000b: 464. USA (New Jersey). Upper Cretaceous.

Genus STILOCULICOIDES Wirth and Grogan

- STILOCULICOIDES** Wirth and Grogan, 1988: 95. Type species: *Stilobezzia ugandae* Ingram and Macfie, by original designation.
africanus Clastrier, 1993a: 134. Guinea.
congoensis Clastrier, 1993a: 139. Congo.
guineensis Clastrier, 1993a: 141. Guinea.
kindiae Clastrier, 1993a: 138. Guinea.
ugandae (Ingram and Macfie), 1923: 62 (*Stilobezzia*). Uganda.
vaucclusensis Clastrier, 1993a: 141. France.

Genus WIRTHOHELEA Szadziewski

- WIRTHOHELEA** Szadziewski, 1988: 158. Type species: *Wirthohelea trifida* Szadziewski, by original designation.
trifida Szadziewski, 1988: 159. Poland. Eocene.

TRIBE HETEROMYIINI WIRTH, 1962: 275

Genus CLINOHELEA Kieffer

- CLINOHELEA** Kieffer, 1917b: 295. Type species: *Ceratopogon variegatus* Winnertz (= *Ceratopogon unimaculata* Macquart), by original designation.

Subgenus CERATOBESZIA Kieffer

CERATOBIZZIA Kieffer, 1917b: 326. Type species: *Ceratobezzia fallax* Kieffer, by original designation.

fallax Kieffer, 1917b: 326. Paraguay.

barrettoi Lane and Duret, 1954: 249. Brazil.

Subgenus CLINOHELEA

albopennis Lane, 1944: 259. Brazil.

argentina Lane and Duret, 1954: 248. Argentina.

bimaculata (Loew), 1861: 311 (*Ceratopogon*). USA (District of Columbia).

bisignata (Kieffer), 1910: 200 (*Palpomyia*). India.

curriei (Coquillett), 1905: 62 (*Ceratopogon*). Canada (British Columbia).

nebulosa (Malloch), 1915a: 322 (*Palpomyia*). USA (Michigan).

damasceni Lane and Duret, 1954: 250. Brazil.

dimidiata (Adams), 1903: 27 (*Ceratopogon*). USA (Arizona).

dryas Debenham, 1974: 12. Australia (Queensland).

flagellata (Edwards), 1916: 500 (*Palpomyia*). Australia (North Australia).

fuscoalata Remm, 1993: 181. Russia.

hollandiae Tokunaga, 1966a: 111. Indonesia.

horacioi Lane, 1944: 257. Brazil.

hygropetrica Clastrier, 1983b: 19. Guinea.

insperata de Meillon and Wirth, 1981c: 592. South Africa.

lacustris Macfie, 1939a: 91. Uganda.

longipalpis Kieffer, 1918a: 96. Singapore.

longithea Grogan and Wirth, 1975b: 286. USA (Florida).

muzoni Spinelli and Duret, 1993: 46. Colombia.

neivai Lane, 1944: 252. Brazil.

nigeriae (Ingram and Macfie), 1923: 68 (*Ceratobezzia*). Nigeria.

nigripes Macfie, 1939c: 205. Brazil.

nubifera (Coquillett), 1905: 61 (*Ceratopogon*). USA (Florida).

pachydactyla Kieffer, 1918a: 96. Singapore.

papuensis Tokunaga, 1966a: 109. Papua New Guinea.

podagraca Goetghebuer, 1948b: 17. Democratic Republic of the Congo.

pseudobisignata Saha and Das Gupta, 1996: 7. India.

pseudonubifera Grogan and Wirth, 1975b: 280. USA (Maryland).

reperticia Yu and Zhang, 1996: 294. China.

rubriceps Kieffer, 1917b: 318. Paraguay.

saltanensis Lane and Duret, 1954: 252. Argentina.

tasmaniensis Lee, 1948d: 65. Australia (Tasmania).

tenuipes Tokunaga, 1966a: 110. Indonesia.

tenuissima (Kieffer), 1917a: 195 (*Sphaeromyia*). Papua New Guinea.

townsendi Lane, 1944: 256. Brazil.

townesi Lane, 1944: 254. Brazil.

trimaculata Clastrier, 1983b: 24. Guinea.

unimaculata (Macquart), 1826: 178 (*Ceratopogon*). France.

maculipes (Meigen), 1830: 265 (*Ceratopogon*). Europe.

variegata (Winnertz), 1852: 59 (*Ceratopogon*). Germany.

usherii de Meillon, 1959b: 20. Mozambique.

usingeri Wirth, 1952a: 209. USA (California).

wygodzinskyi Lane, 1948: 231. Brazil.

Genus HETEROMYIA Say

HETEROMYIA Say, 1825: plate 35. Type species: *Heteromyia fasciata* Say, by monotypy.
PACHYLEPTUS Walker, 1856b: 426. Type species: *Pachyleptus fasciatus* Walker (= *Heteromyia nigra* Kieffer), by monotypy.

antequerae (Lynch Arribáizaga), 1893: 227 (*Pachyleptus*). Argentina.

bejaranoi Duret and Lane, 1955: 36. Argentina.

castanea Lane, 1946a: 214. Brazil.

chaquensis Duret and Lane, 1955: 37. Argentina.

clavata Williston, 1900: 225. Mexico.

rufa Kieffer, 1917b: 325. Colombia.

caloptera Kieffer, 1919c: 192. New name for *rufa*.

correntina Duret and Lane, 1955: 39. Argentina.

dominicana Szadziewski and Grogan, 1997: 254. Dominican Republic. Miocene.

fasciata Say, 1825: plate 35. North America.

festiva (Loew), 1861: 314 (*Ceratopogon*). USA (Pennsylvania).

kiefferi Lane, 1946a: 213. Brazil.

lamprogaster Edwards, 1933b: 87. Argentina.

nigra Kieffer, 1917b: 326. Paraguay.

fasciatus (Walker), 1856b: 426 (*Pachyleptus*, preoccupied by *Heteromyia fasciata* Say, 1825). South America.

orellana (Roback), 1957: 1 (*Palpomyia*). Peru.

prattii Coquillett, 1902a: 88. USA (Virginia).

wokei Wirth and Grogan, 1977: 181. Nicaragua.

Genus METAHELEA Edwards

METAHELEA Edwards, 1929b: 12. Type species: *Metahelea metallescens* Edwards, by monotypy.

bifasciata (Kieffer), 1917a: 194 (*Palpomyia*). Australia (Queensland).

metallescens Edwards, 1929b: 12. Philippines.

serafini Szadziewski, 1998: 247. Russia. Eocene.

Genus NEMOROMYIA Liu and Yu

NEMOROMYIA Liu and Yu, 1991: 25. Type species: *Nemoromyia nemorosa* Liu and Yu, by original designation.

nemorosa Liu and Yu, 1991: 26. China.

Genus NEUROHELEA Kieffer

NEUROHELEA Kieffer, 1925d: 112. Type species: *Ceratopogon luteitarsis* Waltl, by monotypy.

luteitarsis (Waltl), 1837 : 279 (*Ceratopogon*). Germany.

subsessilis (Goetghebuer), 1921: 181 (*Clinohelea*). Belgium.

Genus PELLUCIDOMYIA Macfie

PELLUCIDOMYIA Macfie, 1939a: 99. Type species: *Pellucidomyia ugandae* Macfie, by original designation.

MACFIEHELEA Lane, 1946a: 208. Type species: *Macfiehelea oliveirai* Lane, by original designation.

blantoni (Lane), 1956b: 435 (*Macfiehelea*). Panama.

dycei Debenham, 1970a: 137. Australia (Queensland).

lanei Wirth and Ratanaworabhan, 1971b: 446. Colombia.

leei Wirth, 1960: 2. Australia (Queensland).

oliveirai (Lane), 1946a: 209 (*Macfiehelea*). Brazil.

sambulena (de Meillon), 1942c: 14 (*Bezzia*). Mozambique.
ugandae Macfie, 1939a: 100. Uganda.
wirthi (Lane), 1956b: 437 (*Macfiehelea*). Panama.

Genus **PHYSOHELEA** Grogan and Wirth

PHYSOHELEA Grogan and Wirth, 1979b: 53. Type species: *Neurohelea oedidactyla* Ingram and Macfie, by original designation.

obtusa (Meunier), 1904a: 235 (1904b: 246) (*Ceratopogon*). Baltic region. Eocene.
cothurnatula (Meunier), 1904a: 231 (1904b: 242) (*Ceratopogon*). Baltic region. Eocene.
oedidactyla (Ingram and Macfie), 1931a: 212 (*Neurohelea*). Argentina.
turgidipes (Ingram and Macfie), 1931a: 214 (*Neurohelea*). Chile.

Genus **TETRABEZZIA** Kieffer

TETRABEZZIA Kieffer, 1917b: 296. Type species: *Dibezzia spinigera* Kieffer, by original designation.

africana Clastrier, 1982a: 307. Guinea.
argentea Ingram and Macfie, 1923: 70. Nigeria.
diasi de Meillon, 1961: 55. Madagascar.
pictipennis (Kieffer), 1913d: 191 (*Dibezzia*). India.
soeiroi (de Meillon), 1942c: 16 (*Bezzia*). Mozambique.
spinigera (Kieffer), 1914c: 313 (*Dibezzia*). India.

TRIBE SPHAEROMIINI NEWMAN, 1834: 388

Genus **ALLOIMYIA** Yu and Liu

ALLOIMYIA Yu, in Yu et al., 2005: 1493. Type species: *Alloimyia yanjiensis* Yu and Xu, by original designation.

yanjiensis Yu and Xu, in Yu et al., 2005: 1494. China.

Genus **AUSTROSPHAEROMIAS** Spinelli

AUSTROSPHAEROMIAS Spinelli, 1997: 224. Type species: *Austrosphaeromias apricans* (Ingram and Macfie), by original designation.

apricans (Ingram and Macfie), 1931a: 219 (*Palpomyia*). Argentina.
sentior (Ingram and Macfie), 1931a: 222 (*Palpomyia*, as variety of *apricans*). Chile.
chilensis Ingram and Macfie, 1931a: 218. Chile.
wirthi Spinelli, 1997: 228. Argentina.

Genus **CALYPTOPOGON** Kieffer

CALYPTOPOGON Kieffer, 1910: 209. Type species: *Calyptopogon albitarsis* Kieffer (= *Macropeza gibbosus* Wiedemann), by monotypy.

brevitarsis Macfie, 1939d: 8. Thailand.
gibbosus (Wiedemann), 1824: 10 (*Macropeza*). Indonesia.
albitarsis Kieffer, 1910: 209. India.
kiefferi (Johannsen), 1927b: 423 (*Macropeza*). New name for *albitarsis*.
similis (Johannsen), 1927b: 424 (*Macropeza*). Taiwan.

- javanensis** (Kieffer), 1910: 210 (*Macropeza*). Indonesia.
edwardsi (Macfie), 1939d: 9 (*Macropeza*). Sri Lanka.
maithonensis Saha and Das Gupta, *in* Saha et al., 1995: 30. India.
mirus Sarkar and Das Gupta, *in* Saha et al., 1995: 32. India.
pseudoalbitarsis Sarkar and Das Gupta, *in* Saha et al., 1995: 31. India.

Genus CHELOHELEA Giles and Wirth

- CHELOHELEA** Giles and Wirth, 1985: 364. Type species: *Chelohelea comata* Giles and Wirth, by original designation.
comata Giles and Wirth, 1985: 365. Malaysia.

Genus CRISPOMYIA Debenham

- CRISPOMYIA** Debenham, 1974: 48. Type species: *Crispomyia receptaculum* Debenham, by original designation.
monacha Debenham, 1974: 52. Australia (Western Australia).
receptaculum Debenham, 1974: 51. Australia (Western Australia).

Genus DIBEZZIA Kieffer

- DIBEZZIA** Kieffer, 1911a: 120. Type species: *Dibezzia clavata* Kieffer, by original designation.
brevistila Kieffer, 1911a: 122. Bangladesh.
clavata Kieffer, 1911a: 120. India.
debenhamae Wirth and Ratanaworabhan, 1981a: 290. Malaysia.
gideoni de Meillon and Wirth, 1981c: 595. South Africa.

Genus GROGANHELEA Spinelli and Dippolito

- GROGANHELEA** Spinelli and Dippolito, *in* Spinelli et al., 1995: 166. Type species: *Groganhelea rondoniensis* Spinelli and Dippolito, by original designation.
rondoniensis Spinelli and Dippolito, *in* Spinelli et al., 1995: 167. Brazil.

Genus GUIHELEA Yu and Qian

- GUIHELEA** Yu and Qian, *in* Yu et al., 2005: 1496. Type species: *Guihelea jingxiensis* Yu and Qian, by original designation.
jingxiensis Yu and Qian, *in* Yu et al., 2005: 1497. China.

Genus HEBETULA Wirth and Debenham

- HEBETULA** Wirth and Debenham, 1977: 282. Type species: *Mixohalea lemur* Debenham, by original designation.
armiger (Debenham), 1974: 20 (*Mixohalea*). Australia (Queensland).
atypipennis (Tokunaga), 1966a: 127 (*Palpomyia*). Indonesia.
bequaerti (Goetghebuer), 1933e: 151 (*Palpomyia*). Democratic Republic of the Congo.
bisulca (Debenham), 1974: 24 (*Mixohalea*). Australia (Western Australia).
centonis (Debenham), 1974: 21 (*Mixohalea*). Australia (Queensland).
gladiator (Debenham), 1974: 23 (*Mixohalea*). Australia (Capital Territory).
hexacantha (Kieffer), 1911c: 343 (*Sphaeromyia*). Seychelles.
imparunguis (Kieffer), 1917a: 194 (*Palpomyia*). Papua New Guinea.

australiensis (Kieffer), 1917b: 364 (*Mixohoelea*). New name for *imparunguis* Kieffer.
infirmior (Debenham), 1974: 28 (*Mixohoelea*). Australia (New South Wales).
latifrons (Debenham), 1974: 29 (*Mixohoelea*). Australia (Queensland).
lemur (Debenham), 1974: 32 (*Mixohoelea*). Australia (Western Australia).
lucta (Debenham), 1974: 31 (*Mixohoelea*). Australia (New South Wales).
maai (Tokunaga), 1966a: 115 (*Xenohoelea*). Indonesia.
matileorum Clastrier, 1985b: 268. New Caledonia (France).
muroides (Debenham), 1974: 30 (*Mixohoelea*). Australia (New South Wales).
novaebritainica (Tokunaga), 1966a: 130 (*Palpomyia*). Papua New Guinea.
novaecaledoniae Clastrier, 1985b: 271. New Caledonia (France).
sarmensis (Tokunaga), 1966a: 116 (*Xenohoelea*). Indonesia.
sensilis (Debenham), 1974: 27 (*Mixohoelea*). Australia (New South Wales).
tonnoiri (Lee), 1948d: 66 (*Xenohoelea*). Australia (Tasmania).
uveae Clastrier and Delécolle, 1996: 308. Wallis and Futuna Islands (France).
versicolor (Debenham), 1974: 35 (*Mixohoelea*). Australia (Western Australia).

Genus HOMOHELEA Kieffer

HOMOHELEA Kieffer, 1917b: 364. Type species: *Palpomyia abjuncta* Kieffer, designation by Macfie, 1940f: 26.
SCHIZODACTYLUS Ingram and Macfie, 1921: 353 (preoccupied by *Schizodactylus* Brullé, 1835). Type species:
Schizodactylus telmatoscopus Ingram and Macfie, by monotypy.
ANKISTRODACTYLUS Ingram and Macfie, 1922: 272. New name for *Schizodactylus* Ingram and Macfie. Type species:
Schizodactylus telmatoscopus Ingram and Macfie, automatic.

abjuncta (Kieffer), 1913d: 189 (*Palpomyia*). India.
agrestia Ghosh, Majumdar, Mazumdar and Chaudhuri, 2009:92. India.
albitudinis de Meillon and Wirth, 1981b: 543. South Africa.
barkudensis Edwards, 1932a: 179. India.
delanoe (de Meillon), 1942b: 113 (*Palpomyia*). Zimbabwe.
diabola (de Meillon), 1961: 52 (*Sphaeromias*). Madagascar.
dispartivena Ghosh, Majumdar, Mazumdar and Chaudhuri, 2009:94. India.
diunota Ghosh, Majumdar, Mazumdar and Chaudhuri, 2009:96. India.
iberica Delécolle, Blasco-Zumeta and Rieb, 1997: 338. Spain.
insolita Ghosh, Majumdar, Mazumdar and Chaudhuri, 2009:98. India.
insons (Johannsen), 1932: 436 (*Sphaeromias*). Indonesia.
obscuripes (Macfie), 1934d: 225 (*Sphaeromias*). Indonesia.
kraussi (Tokunaga), *in* Tokunaga and Murachi, 1959: 415 (*Sphaeromias*). Guam (USA).
lactea Ghosh, Majumdar, Mazumdar and Chaudhuri, 2009:100. India.
longicosta (Goetghebuer), 1933e: 150 (*Palpomyia*). Democratic Republic of the Congo.
melia de Meillon, 1943: 112. Zimbabwe.
optima Ghosh, Majumdar, Mazumdar and Chaudhuri, 2009:102. India.
splendida Ghosh, Majumdar, Mazumdar and Chaudhuri, 2009:104. India.
stuckenbergi (de Meillon), 1961: 51 (*Sphaeromias*). Madagascar.
telmatoscopa (Ingram and Macfie), 1921: 353 (*Schizodactylus*). Ghana.

Genus INDOBEZZIA Das Gupta and Saha

INDOBEZZIA Das Gupta and Saha, 1995: 638. Type species: *Indobezzia nova* Das Gupta and Saha, by original designation.
nova Das Gupta and Saha, 1995: 638. India.
recens Das Gupta and Saha, 1995: 639. India.

Genus JENKINSHELEA Macfie

JENKINSIA Kieffer, 1913d: 165 (preoccupied by *Jenkinsia* Jordan and Evermann, 1896). Type species: *Jenkinsia setosipennis* Kieffer, by original designation.

JENKINSHELEA Macfie, 1934c: 177. New name for *Jenkinsia* Kieffer. Type species: *Jenkinsia setosipennis* Kieffer, automatic.

accraensis (Ingram and Macfie), 1923: 41 (*Jenkinsia*). Ghana.

albaria (Coquillett), 1895: 308 (*Ceratopogon*). USA (Florida).

aequalis (Malloch), 1915a: 336 (*Johannsenomyia*). USA (Illinois).

blantoni Grogan and Wirth, 1977b: 139. USA (Florida).

corea de Meillon, 1942b: 116. Zimbabwe.

distincta de Meillon and Wirth, 1983a: 367. South Africa.

djalonensis Clastrier, 1983a: 261. Guinea.

magnipennis (Johannsen), 1908: 268 (*Johannseniella*). USA (New York).

niphanae Grogan and Wirth, 1981b: 45. Thailand.

paliki Szadziewski, 1992b: 77. North Korea.

papuae Tokunaga, 1966a: 104. Papua New Guinea.

parsetosipennis Saha and Das Gupta, 1996: 8. India.

polyxena de Meillon, 1936: 189. South Africa.

rhodesiensis de Meillon, 1937a: 261. Zimbabwe.

setosiforceps Grogan and Wirth, 1981b: 50. Malaysia.

setosipennis (Kieffer), 1913d: 165 (*Jenkinsia*). India.

stenoptera Remm, 1979a: 178. Turkmenistan.

stonei Grogan and Wirth, 1977b: 135. USA (Florida).

sudwalai de Meillon and Wirth, 1983a: 369. South Africa.

tokunagai Grogan and Wirth, 1981b: 49. Thailand.

trisensillata Clastrier, 1983a: 266. Guinea.

Genus JOHANNSENYOMYIA Malloch

JOHANNSENYOMYIA Malloch, 1915a: 332. Type species: *Johannsenomyia halteralis* Malloch (= *Ceratopogon argentata* Loew), designation by Wirth, 1952a: 211.

DICROHELEA Kieffer, 1917b: 363. Type species: *Palpomyia filicornis* Kieffer, designation by Macfie, 1940f: 26.

abdominalis (Tokunaga), 1966a: 120 (*Dicrohelea*). Papua New Guinea.

albidorsata (de Meillon), 1937b: 368 (*Dicrohelea*). South Africa.

angulosa de Meillon and Wirth, 1983a: 369. South Africa.

annulicornis Malloch, 1918b: 230. USA (Illinois).

argentata (Loew), 1861: 310 (*Ceratopogon*). USA (District of Columbia).

halteralis Malloch, 1915a: 338 USA (Illinois).

blantoni (Lane and Wirth), 1961: 81 (*Dicrohelea*). Panama.

ceylanica (Kieffer), 1912c: 6 (*Dibezzia*). Sri Lanka.

filicornis (Kieffer), 1910: 196 (*Palpomyia*). India.

filitarsis (Kieffer), 1910: 202 (*Palpomyia*). India.

grahami (Ingram and Macfie), 1923: 65 (*Palpomyia*). Nigeria.

imparunguis (Becker), 1903: 72 (*Ceratopogon*). Egypt.

inermicrus (Kieffer), 1913d: 186 (*Sphaeromyias*). India.

interrupta (Kieffer), 1910: 199 (*Palpomyia*). India.

lalokiensis (Lee), 1948d: 69 (*Dicrohelea*). Papua New Guinea.

lanei Wirth, 1965a: 4. Brazil.

longistila (Kieffer), 1911a: 121 (*Dibezzia*). India.

maai (Tokunaga), 1966a: 122 (*Dicrohelea*). Indonesia.

nigeriae (Ingram and Macfie), 1923: 67 (*Palpomyia*). Nigeria.

nigra Goetghebuer, 1933e: 149. Democratic Republic of the Congo.

novaebrittanica (Tokunaga), 1966a: 118 (*Dicrohelea*). Papua New Guinea.
novaequineae (Tokunaga), 1966a: 119 (*Dicrohelea*). Indonesia.
petersi (Tokunaga), 1966a: 151 (*Probezzia*). Papua New Guinea.
pseudoargentata Saha and Das Gupta, 1996: 9. India.
schoutedeni (Goetghebuer), 1933e: 150 (*Palpomyia*). Democratic Republic of the Congo.
scriba Debenham, 1974: 39. Papua New Guinea.
sejuncta (Kieffer), 1916a: 90 (*Sphaeromyias*). Taiwan.
uncinata (Kieffer), 1916a: 91 (*Sphaeromyias*). Taiwan.

Genus LANATOMYIA Debenham

LANATOMYIA Debenham, 1974: 43. Type species: *Lanatomyia miles* Debenham, by original designation.

dichroa (Edwards), 1933c: 253 (*Dicrohelea*). Malaysia.
electra Debenham, 1974: 46. Australia (Northern Territory).
miles Debenham, 1974: 44. Australia (Capital Territory).

Genus LANEHELEA Wirth and Blanton

LANEHELEA Wirth and Blanton, 1972a: 433. Type species: *Lanehelea leei* Wirth and Blanton, by original designation.

leei Wirth and Blanton, 1972a: 434. Colombia.
spinifemur Wirth and Blanton, 1972a: 436. Colombia.

Genus LEEHELEA Debenham

LEEHELEA Debenham, 1974: 54. Type species: *Homohalea hollandiensis* Tokunaga, by original designation.

hispidia Debenham, 1974: 57. Australia (New South Wales).
hollandiensis (Tokunaga), 1966a: 123 (*Homohalea*). Indonesia.
leucophaeata Debenham, 1974: 60. Australia (Queensland).
punctipes (Macfie), 1934c: 287 (*Sphaeromyias*). Malaysia.
wasselli Debenham, 1974: 58. Australia (Queensland).

Genus MACKERRASOMYIA Debenham

MACKERRASOMYIA Debenham, 1970b: 140. Type species: *Heteromyia brevibarba* Kieffer, by original designation.

brevibarba (Kieffer), 1917a: 192 (*Heteromyia*). Australia (Queensland).
caesia (Macfie), 1934c: 288 (1934d: 224) (*Palpomyia*). Malaysia.
indica (Kieffer), 1913d: 183 (*Heteromyia*). India.
magna (Das Gupta and Wirth), 1971: 880 (*Neosphaeromyias*). Viet Nam.
marginata Debenham, 1970b: 143. Australia (Queensland).
pingxiangensis Yu, in Yu et al., 2005: 1500. China.
wongsirii Wirth and Ratanaworabhan, 1981b: 404. Thailand.
zumpi de Meillon and Wirth, 1979a: 182. Zimbabwe.

Genus MACROPEZA Meigen

MACROPEZA Meigen, 1818: 87. Type species: *Macropeza albitarsis* Meigen, by monotypy.
MACROPTILUM Becker, 1903: 76. Type species: *Macroptilum nudum* Becker, by monotypy.
HAASIELLA Kieffer, 1913d: 190. Type species: *Haasiella semiflava* Kieffer, by original designation.

abonnenci (Clastrier), 1958c: 495 (*Bezzia*). Senegal.

aethiopica (Ingram and Macfie), 1923: 45 (*Macroptilum*). South Africa.
meeseri (de Meillon), 1936: 204 (*Macroptilum*). South Africa.
affinis Macfie, 1939d: 10. South Africa.
albitarsis Meigen, 1818: 87. Europe.
valvata (Winnertz), 1852: 72 (*Ceratopogon*). Germany.
bayeri (de Meillon), 1937b: 351 (*Macroptilum*). South Africa.
blantoni Wirth and Ratanaworabhan, 1972d: 216. USA (Florida).
calcipennis (Macfie), 1939d: 11 (*Macroptilum*). Sierra Leone.
capensis Macfie, 1939d: 10. South Africa.
fluviatilis (de Meillon), 1940: 463 (*Macroptilum*). South Africa.
gari de Meillon and Wirth, 1981b: 547. South Africa.
insignipennis (Macfie), 1939d: 11 (*Macroptilum*). Sierra Leone.
longipes (Séguy), 1931b: 645 (*Macroptilum*, as *Macroptylum*). Mozambique.
natalensis (de Meillon), 1937b: 355 (*Macroptilum*). South Africa.
navasi (Séguy), 1934: 10 (*Macroptilum*, as *Macroptylum*). Spain.
nigeriae (Ingram and Macfie), 1923: 43 (*Macroptilum*). Nigeria.
nigra (Séguy), 1931b: 646 (*Macroptilum*, as *Macroptylum*). Mozambique.
nuda (Becker), 1903: 77 (*Macroptilum*). Egypt.
pallidipes (Séguy), 1931b: 646 (*Macroptilum*, as *Macroptylum*). Madagascar.
pamunkeiana Knausenberger and Wirth, 1980: 128. USA (Virginia).
semiflava (Kieffer), 1913d: 190 (*Haasiella*). India.
senegalensis (Clastrier), 1958b: 239 (*Bezzia*). Senegal.
sibayae (de Meillon), 1936: 183 (*Bezzia*). South Africa.
stephensi (Ingram and Macfie), 1921: 369 (*Probezzia*). Ghana.

Genus MALLOCHOHELEA Wirth

MALLOCHOHELEA Wirth, 1962: 278. Type species: *Johannsenomyia albibasis* Malloch, by original designation.

aenipes (Macfie), 1940c: 193 (*Bezzia*). Guyana.
albibasis (Malloch), 1915b: 315 (*Johannsenomyia*). USA (Illinois).
albiclava (Kieffer), 1921g: 566 (*Dicrohelea*). Taiwan.
albihalter Wirth, 1962: 280. USA (Michigan).
alpina (Clastrier), 1962b: 282 (*Johannsenomyia*). Switzerland.
aspera Debenham, 1974: 88. Australia (Tasmania).
atripes Wirth, 1962: 281. USA (New Jersey).
aukurabis de Meillon and Wirth, 1983a: 371. South Africa.
australiensis (Lee), 1948d: 67 (*Johannsenomyia*). Australia (Capital Territory).
boettcheri (Edwards), 1929b: 11 (*Palpomyia*). Philippines.
borneana (Macfie), 1934c: 289 (*Palpomyia*). Malaysia.
caudellii (Coquillett), 1905: 63 (*Ceratopogon*). Canada (British Columbia).
errinae (de Meillon), 1940: 461 (*Palpomyia*). South Africa.
flavidula (Malloch), 1914a: 230 (*Johannseniella*). USA (Illinois).
fluminea de Meillon and Wirth, 1981b: 550. South Africa.
hamata de Meillon and Wirth, 1987a: 60. Madagascar.
hansfordi de Meillon and Wirth, 1983a: 372. South Africa.
hardyi (Tokunaga), 1966a: 139 (*Nilobezzia*). Papua New Guinea.
inermis (Kieffer), 1909b: 38 (*Johannseniella*). Germany.
kiefferi (Goetghebuer), 1921: 182 (*Johannsenomyia*). Belgium.
kirki (Macfie), 1939a: 92 (*Sphaeromyias*). Kenya.
limitrofe Spinelli and Felipe-Bauer, 1990a: 87. Argentina.
luaboensis (de Meillon), 1959b: 3 (*Johannsenomyia*). Mozambique.
martae Szadziewski, 2005: 364. Russia. Eocene.
microcera (Kieffer), 1915c: 287 (*Palpomyia*). Denmark.

- munda** (Loew), 1864: 381 (*Ceratopogon*). Germany.
breviforceps (Kieffer), 1915c: 289 (*Palpomyia*). Denmark.
dentata (Kieffer), 1909b: 38 (*Johannseniella*). Germany.
- nemoralis** (Macfie), 1940c: 190 (*Johannsenomyia*). Guyana.
- nigripes** (Macfie), 1939c: 216 (*Johannsenomyia*). Brazil.
- nitida** (Macquart), 1826: 178 (*Ceratopogon*). France.
clavicornis (Kieffer), 1919a: 88 (*Sphaeromias*, as variety of *nitida*). Slovak Republic.
longiforceps (Kieffer), 1919a: 88 (*Sphaeromias*, as variety of *nitida*). Denmark.
- prominens** (Johannsen), 1932: 435 (*Johannsenomyia*). Indonesia.
- pullata** (Wirth), 1952a: 213 (*Johannsenomyia*). USA (California).
bicellii (Lane), 1961b: 449 (*Nilobezzia*). Brazil.
- remota** (Kieffer), 1919a: 87 (*Sphaeromias*, as variety of *nitida*). Slovak Republic.
bulgarica (Zilahi-Sebess), 1934: 157 (*Sphaeromias*, as variety of *nitida*). Bulgaria.
dimidiata (Kieffer), 1921a: 59 (*Sphaeromias*). France.
- sabroskyi** (Tokunaga), in Tokunaga and Murachi, 1959: 412 (*Palpomyia*). Belau (USA).
- sanctaeluciae** (de Meillon), 1937b: 365 (*Palpomyia*). South Africa.
- satelles** Debenham, 1974: 86. Australia (New South Wales).
- scandinavicae** (Clastrier), 1962b: 286 (*Johannsenomyia*). Norway.
- senex** Debenham, 1974: 89. Australia (Queensland).
- setigera** (Loew), 1864: 380 (*Ceratopogon*). Germany.
maiensis Remm, 1971: 209. Russia.
- shibuyai** (Tokunaga), 1940b: 277 (*Johannsenomyia*). Japan.
- sidis** (de Meillon), 1959b: 5 (*Johannsenomyia*). South Africa.
- silvicola** (Goetghebuer), 1920: 75 (*Johannsenomyia*). Belgium.
- siricis** (de Meillon), 1961: 50 (*Sphaeromias*). Madagascar.
- smithi** (Lewis), 1956: 47 (*Johannsenomyia*). USA (Connecticut).
- spinipes** Wirth, 1962: 282. USA (Georgia).
- stygia** Debenham, 1974: 85. New name for *nigra*.
nigra (Tokunaga), 1966a: 124 (*Johannsenomyia*, preoccupied by *Johannsenomyia nigra* Goetghebuer, 1933e).
 Papua New Guinea.
- sybleae** (Wirth), 1952a: 212 (*Johannsenomyia*). USA (California).
- termophila** (Spinelli), 1984: 197 (*Neobezzia*). Argentina.
- texensis** Wirth, 1962: 283. USA (Texas).
- tianshanica** Remm, 1980: 85. Kyrgyzstan.
- tumidicornis** Debenham, 1974: 87. Australia (Queensland).
- turneri** (Ingram and Macfie), 1923: 63 (*Sphaeromias*). South Africa.
- unca** de Meillon and Wirth, 1987a: 61. Kenya.
- variegata** Wirth, 1962: 283. USA (Michigan).
- vernalis** Remm, 1965: 185. Estonia.
- yanana** Yu and Wu, in Yu et al., 2005: 1501. China.
- yunnana** Yu and Zou, in Yu et al., 2005: 1503. China.

Genus NEOBEZZIA Wirth and Ratanaworabhan

NEOBEZZIA Wirth and Ratanaworabhan, 1972a: 477. Type species: *Neobezzia clavipes* Wirth and Ratanaworabhan, by original designation.

- albitarsis** Wirth and Ratanaworabhan, 1972a: 478. Brazil.
- annicola** (Macfie), 1940d: 30 (*Bezzia*). Guyana.
- blantoni** Wirth and Ratanaworabhan, 1972a: 482. Panama.
- brasiliae** (Lane), 1961a: 37 (*Macropeza*). Brazil.
- clavipes** Wirth and Ratanaworabhan, 1972a: 485. Brazil.
- costaricae** Wirth and Ratanaworabhan, 1972a: 486. Costa Rica.
- fittkau** Wirth and Ratanaworabhan, 1972a: 489. Brazil.

wirthi Spinelli and Felipe-Bauer, 1990a: 88. Argentina.

Genus NEOSPHEROMIAS Das Gupta and Wirth

NEOSPHEROMIAS Das Gupta and Wirth, 1971: 875. Type species: *Neospheromias gibbus* Das Gupta and Wirth, by original designation.

afrotropicalis Clastrier, 1983a: 268. Guinea.

choriodes Grogan and Wirth, 1982: 198. Solomon Islands.

gibbus Das Gupta and Wirth, 1971: 877. Thailand.

niger Das Gupta and Wirth, 1971: 879. Sri Lanka.

Genus NILOBEZZIA Kieffer

NILOBEZZIA Kieffer, 1921b: 24. Type species: *Nilobezzia armata* Kieffer, by monotypy.

CRESPINIA Kieffer, 1923b: 141. Type species: *Crespinia brevipalpis* Kieffer, by monotypy.

PARROTIA Kieffer, 1923b: 140. Type species: *Parrotia flaviventris* Kieffer (= *Nilobezzia kiefferi* Wirth), by original designation.

SPHAEROBEZZIA Zilahi-Sebess, 1940: 108 (as subgenus of *Bezzia*). Type species: *Bezzia paradoxa* Zilahi-Sebess (= *Ceratopogon formosa* Loew), by monotypy.

acanthopus (de Meijere), 1907: 215 (*Ceratopogon*). Indonesia.

conspicua (Johannsen), 1932: 441 (*Bezzia*, as variety of *raphaelis*). Indonesia.

albilata Das Gupta, in Mazumdar, et al., 2009: 132. India.

albipennis (Kieffer), 1911a: 124 (*Bezzia*, as variety of *nigricans*). India.

allotropica (Kieffer), 1913d: 193 (*Bezzia*). India.

animifascia Das Gupta, in Mazumdar, et al., 2009: 133. India.

aranea Debenham, 1974: 72. Australia (New South Wales).

arciscuta Das Gupta, in Mazumdar, et al., 2009: 135. India.

arcuatipes (Kieffer), 1913d: 195 (*Bezzia*, as variety of *hamifera*). Indonesia.

armata Kieffer, 1921b: 24. Sudan.

albipennis Kieffer, 1921b: 25 (as variety of *armata*, preoccupied by *Nilobezzia albipennis* (Kieffer), 1911a). Sudan.

flaviventris Kieffer, 1921b: 25 (as variety of *armata*, preoccupied by *Nilobezzia flaviventris* (Kieffer), 1910). Sudan.

atoporna Yu and Zhang, 1997: 307. China.

atroxifemorata Das Gupta, in Mazumdar, et al., 2009: 137. India.

badia (Johannsen), 1932: 442 (*Bezzia*, as variety of *flaviventris*). Indonesia.

bakeri (Kieffer), 1921g: 570 (*Probezzia*). Philippines.

basispinigera Debenham, 1974: 74. Australia (Queensland).

belligera (de Meillon), 1940: 459 (*Dicrobezzia*). South Africa.

borkenti Das Gupta, in Mazumdar, et al., 2009: 139. India.

brevicornis (Wirth), 1952a: 215 (*Sphaeromias*). USA (California).

brevipalpis (Kieffer), 1923b: 141 (*Crespinia*). Indonesia.

claripennis (Kieffer), 1916a: 97 (*Bezzia*). Taiwan.

curticornis (Kieffer), 1917a: 196 (*Bezzia*). Australia (New South Wales).

triquetrinotata Debenham, 1974: 64. Australia (New South Wales).

curvopennis Yu, in Yu et al., 2005: 1506. China.

diffidens (Johannsen), 1932: 441 (*Bezzia*, as variety of *ochriventris*). Indonesia.

discretus Yu, in Yu et al., 2005: 1507. China.

disjuncta (Kieffer), 1913d: 189 (*Palpomyia*). India.

duodenalis Liu, Yan and Liu, 1996: 46. China.

facialis (Kieffer), 1910: 206 (*Bezzia*). India.

fijiensis Wirth and Giles, 1990: 456. Fiji.

flavida Remm, 1980: 86. Tajikistan.

flaviventris (Kieffer), 1910: 204 (*Bezzia*). Nepal.

- formosa** (Loew), 1869a: 1 (*Ceratopogon*). Hungary.
paradoxa (Zilahi-Sebess), 1940: 108 (*Bezzia*). Hungary.
- formosana** (Kieffer), 1912a: 30 (*Bezzia*). Taiwan.
- fusca** Kieffer, 1921b: 25 (as variety of *armata*). Sudan.
- fuscitarsus** Debenham, 1974: 78. Australia (Queensland).
- hamifera** (Kieffer), 1913d: 194 (*Bezzia*). India.
- henanei** Clastrier, 1962a: 121. Algeria.
- hunyani** de Meillon, 1943: 111. Zimbabwe.
- japana** (Tokunaga), 1939a: 284 (*Bezzia*). Japan.
- kerteszi** (Kieffer), 1916a: 97 (*Bezzia*). Taiwan.
- kiefferi** Wirth, 1973: 383. New name for *flaviventris*.
flaviventris (Kieffer), 1923b: 140 (*Parrotia*, preoccupied by *Nilobezzia flaviventris* (Kieffer), 1910). Indonesia.
- lacteipennis** (Kieffer), 1910: 206 (*Bezzia*). India.
- leucothrix** Remm, 1980: 88. Turkmenistan.
- maai** Tokunaga, 1966a: 140. Indonesia.
- magnithecra** Das Gupta, in Mazumdar, et al., 2009: 141. India.
- mallochi** Wirth, 1962: 284. USA (Michigan).
- manicata** Clastrier, 1958c: 500. Senegal.
- minor** (Wirth), 1952a: 216 (*Sphaeromyias*). USA (California).
- neotropica** (Macfie), 1940a: 78 (*Bezzia*). Brazil.
- nigra** Sen and Das Gupta, 1958a: 69. India.
- nigricans** (Kieffer), 1910: 207 (*Bezzia*). India.
- nigritibialis** (Ingram and Macfie), 1921: 371 (*Dicrobezzia*). Ghana.
- ningxia** Yu, in Yu et al., 2005: 1510. China.
- nilotica** (Kieffer), 1925e: 263 (*Parrotia*). Egypt.
- nipponensis** (Tokunaga), 1939a: 287 (*Bezzia*). Japan.
- ochriventris** Edwards, 1929b: 12. Philippines.
- opaca** Das Gupta, in Mazumdar, et al., 2009: 142. India.
- ordospina** Das Gupta, in Mazumdar, et al., 2009: 144. India.
- paraensis** (Lane), 1958: 33 (*Bezzia*). Brazil.
- posticata** (Zetterstedt), 1850: 3658 (*Ceratopogon*). Norway.
schineri (Kieffer), 1919a: 93 (*Palpomyia*). Austria.
grisea (Zilahi-Sebess), 1936b: 44 (*Sphaeromyias*). Hungary.
- raphaelis** (Salm), 1917b: 135 (*Ceratopogon*). New name for *blanchardi*.
blanchardi (Salm), 1917a: 106 (*Ceratopogon*, preoccupied by *Ceratopogon blanchardi* Iches, 1906). Indonesia.
nigriventris (Kieffer), 1923b: 141 (*Parrotia*). Indonesia.
- robusta** (de Meillon), 1937b: 346 (*Bezzia*). South Africa.
capensis de Meillon and Hardy, 1954: 70. South Africa.
- schwarzii** (Coquillett), 1901a: 605 (*Ceratopogon*). USA (Texas).
setipes (Coquillett), 1905: 59 (*Ceratopogon*). USA (Texas).
banksi (Gerry), 1933: 94 (*Bezzia*). Cuba.
brasiliensis (Lane), 1958: 28 (*Bezzia*). Brazil.
- scotti** (Kieffer), 1911c: 348 (*Probezzia*). Seychelles.
longipennis (Kieffer), 1911c: 349 (*Probezzia*). Seychelles.
- semirufa** (Kieffer), 1922b: 161 (*Probezzia*). Taiwan.
- setoensis** (Tokunaga), 1939a: 286 (*Bezzia*). Japan.
- simplicior** Debenham, 1974: 77. Australia (New South Wales).
- subtilicrinis** Debenham, 1974: 80. Australia (Northern Territory).
- tenuicolor** Das Gupta, in Mazumdar, et al., 2009: 146. India.
- typica** Das Gupta, in Mazumdar, et al., 2009: 147. India.
- vaga** (Kieffer), 1911b: 329 (*Bezzia*). Nepal.
- virago** Debenham, 1974: 68. Australia (Northern Territory).
- whartoni** Lee, 1948b: 343. Papua New Guinea.
- yasumatsui** Wirth and Ratanaworabhan, 1981b: 409. Thailand.

zibanensis Clastrier, 1962a: 123. Algeria.

Genus NIPHANOHELEA Grogan and Wirth

NIPHANOHELEA Grogan and Wirth, 1981d: 201. Type species: *Niphanohelea bannae* Grogan and Wirth, by original designation.

bannae Grogan and Wirth, 1981d: 202. Thailand.

Genus PROBEZZIA Kieffer

PROBEZZIA Kieffer, 1906a: 57 (as subgenus of *Bezzia*). Type species: *Ceratopogon venustus* Meigen (= *Tipula seminigra* Panzer), designation by Coquillett, 1910: 594.

DICROBEZZIA Kieffer, 1919a: 127. Type species: *Ceratopogon venustus* Meigen (= *Tipula seminigra* Panzer), by original designation.

albitibia Wirth, 1971a: 732. USA (Virginia).

albiventris (Loew), 1861: 311 (*Ceratopogon*). USA (Georgia).

atriventris Wirth, 1951b: 31. USA (Michigan).

baptosmixa Yu, *in* Yu et al., 2005: 1513. China.

bottimeri Wirth, 1971a: 734. USA (Texas).

concinna (Meigen), 1818: 77 (*Ceratopogon*). Europe.

fairchildi Wirth, 1994b: 142. USA (Florida).

flavonigra (Coquillett), 1905: 60 (*Ceratopogon*). Canada (British Columbia).

flavipeda Yu and Zhang, *in* Yu et al., 2005: 1514. China.

fuscipennis Wirth, 1971a: 735. USA (Maine).

glicki Wirth, 1994b: 142. USA (Alabama).

infuscata Malloch, 1915b: 316. USA (Illinois).

jamnbacki Wirth, 1971a: 735. USA (Michigan).

ludoviciana Wirth, 1951b: 28. USA (Louisiana).

manshurica Remm, 1993: 180. Russia.

meadi Wirth, 1994b: 143. USA (Florida).

nigra Wirth, 1971a: 736. USA (Louisiana).

pallida Malloch, 1914b: 138. USA (Illinois).

rosewalli Wirth, 1951b: 32. USA (Louisiana).

sabroskyi Wirth, 1951b: 31. USA (Michigan).

seminigra (Panzer), 1798: plate 10 (*Tipula*). Germany.

varipes Curtis, 1829: plate 285. Europe.

munda (Loew), 1869a: 3 (*Ceratopogon*, preoccupied by *Mallochohelea munda* (Loew), 1864). Europe.

venusta (Meigen), 1818: 78 (*Ceratopogon*). Austria.

inflata (Winnertz), 1852: 71 (*Ceratopogon*). Germany.

spinosidorsum Kieffer, 1921a: 61. Poland.

borealis (Clastrier), 1962a: 119 (*Bezzia*). Finland.

smithii (Coquillett), 1901a: 600 (*Ceratopogon*). USA (New Jersey).

sugiyama (Tokunaga), 1940b: 282 (*Dicrobezzia*). Japan.

unica (Johannsen), 1934: 345 (*Lasiobezzia*). USA (New York).

weemsi Wirth, 1994b: 143. USA (Florida).

williamsi Wirth, 1971a: 737. USA (Michigan).

wirthi Spinelli and Grogan, 1997: 230. USA (Florida).

xanthogaster (Kieffer), 1917b: 329 (*Bezzia*). New name for *elegans*.

elegans (Coquillett), 1901a: 599 (*Ceratopogon*, preoccupied by *Sphaeromias elegans* (Winnertz), 1852). USA (New Jersey).

Genus SPHAEROHELEA Spinelli and Felipe-Bauer

SPHAEROHELEA Spinelli and Felipe-Bauer, 1990b: 195. Type species: *Sphaerohelea biestroi* Spinelli and Felipe-Bauer, by original designation.

biestroi Spinelli and Felipe-Bauer, 1990b: 197. Argentina.

Genus SPHAEROMIAS Curtis

SPHAEROMIAS Curtis, 1829: plate 285. Type species: *Sphaeromias albomarginatus* Curtis (= *Ceratopogon fasciatus* Meigen), by original designation.

XYLOCRYPTA Kieffer, 1899: 69. Type species: *Ceratopogon fasciatus* Meigen, by original designation.

bifidus Wirth and Grogan, 1979: 893. USA (Maryland).

brevispinus (Kieffer), 1911a: 117 (*Palpomyia*). India.

cinereus (Kieffer), 1910: 197 (*Palpomyia*). India.

conjunctus Kieffer, 1916a: 93. Taiwan.

connexus Kieffer, 1916a: 92. Taiwan.

corsoni (Ingram and Macfie), 1924c: 182 (*Ankistrodactylus*). Ghana.

decoratus Debenham, 1974: 54. Australia (Queensland).

discolor (de Meijere), 1907: 214 (*Ceratopogon*). Indonesia.

javanensis Macfie, 1934c: 285. Indonesia.

distictus (Kieffer), 1911a: 115 (*Palpomyia*). India.

eugenei de Meillon and Wirth, 1987a: 62. Zimbabwe.

fasciatus (Meigen), 1804: 30 (*Ceratopogon*). Europe.

cingulatus (Meigen), 1804: 30 (*Ceratopogon*). Europe.

albomarginatus Curtis, 1829: plate 285. Great Britain.

procerus (Zetterstedt), 1855: 4867 (*Ceratopogon*). Sweden.

ocularis (Kieffer), 1924c: 397 (*Xylocrypta*). Germany.

goetghebueri de Meijere, 1946: 9. Netherlands.

inermipes Kieffer, 1916b: 115. Taiwan.

inermithorax (Kieffer), 1918a: 99 (*Palpomyia*). Singapore.

lineus Mazumdar and Chaudhuri, 2009b: 286. India.

litoraureus Ingram and Macfie, 1921: 359. Ghana.

longipennis (Loew), 1861: 313 (*Ceratopogon*). USA (Pennsylvania).

meeseri de Meillon, 1942a: 95. Zimbabwe.

ornatipennis (Goetghebuer), 1933b: 113 (*Sphaeromias*). Russia.

nubeculosus (Tokunaga), 1941a: 100 (*Palpomyia*). China.

ornatipes Mazumdar and Chaudhuri, 2009b: 287. India.

par (Ingram and Macfie), 1922: 272 (*Ankistrodactylus*). Ghana.

servilia de Meillon, 1943: 25. Mozambique.

photophilus (Kieffer), 1913d: 188 (*Palpomyia*). India.

pictipes (Kieffer), 1910: 199 (*Palpomyia*). India.

pictus (Meigen), 1818: 80 (*Ceratopogon*). Germany.

punctatus (Meigen), 1830: 264 (*Ceratopogon*, preoccupied by *Culicoides punctatus* (Meigen), 1804). Europe.

elegans (Winnertz), 1852: 58 (*Ceratopogon*). Poland.

candidatus (Loew), 1856: 23 (*Ceratopogon*, preoccupied by *Ceratopogon candidatus* Winnertz, 1852). Europe.

miricornis (Kieffer), 1919a: 77 (*Xylocrypta*). Hungary.

copiosus (Kieffer), 1925a: 423 (*Xylocrypta*). Czech Republic.

sparus Borkent, *in* Borkent and Wirth, 1997:123. New name for *punctata* Meigen, 1830.

pistiae (Ingram and Macfie), 1922: 274 (*Palpomyia*). Ghana.

prominens Mazumdar and Chaudhuri, 2009b: 287. India.

simililineus Mazumdar and Chaudhuri, 2009b: 287. India.

spiniferus (Kieffer), 1916a: 94 (*Palpomyia*). Taiwan.

stictonotus Kieffer, 1911a: 118. India.

tetrastictus (Kieffer), 1911a: 116 (*Palpomyia*). India.
theileri de Meillon and Wirth, 1981b: 552. South Africa.
verbosus Mazumdar and Chaudhuri, 2009b: 289. India.

Genus **WANNOHELEA** Yu

WANNOHELEA Yu, *in* Yu et al., 2005: 1517. Type species: *Wannohelea huoquiensis* Yu, by original designation.

huoquiensis Yu, *in* Yu et al., 2005: 1517. China.

Genus **XENOHELEA** Kieffer

XENOHELEA Kieffer, 1917b: 295. Type species: *Xenohelea pruinosa* Kieffer, by original designation.

MIXOHELEA Kieffer, 1917b: 364. Type species: *Palpomyia pulchripes* Kieffer, designation by Wirth, 1973: 384.

albinervis (Kieffer), 1913d: 187 (*Palpomyia*). India.
ciliaticrus (Kieffer), 1921g: 568 (*Mixohelea*). Taiwan.
galatea de Meillon, 1942c: 23. Mozambique.
inaequalis (Kieffer), 1910: 200 (*Palpomyia*). India.
luteinervis (de Meijere), 1907: 214 (*Ceratopogon*). Indonesia.
nuansriae Wirth and Ratanaworabhan, 1981b: 411. Thailand.
polydora Macfie, 1934d: 226. Indonesia.
polysticta (Kieffer), 1911a: 117 (*Palpomyia*). India.
pruinosa Kieffer, 1917b: 295 (1918a: 96). India.
pulchripes (Kieffer), 1910: 198 (*Palpomyia*). India.
roseiventris (Kieffer), 1911a: 114 (*Palpomyia*). India.
rufiventris (Kieffer), 1910: 208 (*Bezzia*). India.
spinosipes (Goetghebuer), 1948b: 13 (*Palpomyia*). Democratic Republic of the Congo.
spinosus Liu, Yan and Liu, 1996: 46. China.

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Genus **AMEROHELEA** Grogan and Wirth

AMEROHELEA Grogan and Wirth, 1981a: 1280. Type species: *Amerohelea galindoi* Grogan and Wirth, by original designation.

dalcyi Grogan and Wirth, 1981a: 1289. Brazil.
fasciata Grogan and Wirth, 1981a: 1283. Belize.
frontispina (Dow and Turner), 1976: 138 (*Bezzia*). USA (Texas).
galindoi Grogan and Wirth, 1981a: 1294. Colombia.
nelsoni Grogan and Wirth, 1981a: 1290. Brazil.
paranaensis Gaddi, Spinelli and Grogan *in* Gaddi et al., 2011: 301. Argentina.
pseudofasciata Grogan and Wirth, 1981a: 1286. Brazil.
ronderosi Grogan and Wirth, 1981a: 1298. Colombia.
similis Spinelli, 1989: 27. Uruguay.
sordidipes (Macfie), 1939c: 209 (*Palpomyia*). Brazil.
spinellii Grogan and Wirth, 1981a: 1292. Colombia.
vargasi Grogan and Wirth, 1981a: 1296. Belize.
xerophila Gaddi, Spinelli and Grogan *in* Gaddi et al., 2011: 305. Argentina.

Genus **BEZZIA** Kieffer

- BEZZIA** Kieffer, 1899: 69. Type species: *Ceratopogon ornatus* Meigen, by original designation.
- PSEUDOBEZZIA** Malloch, 1915a: 351. Type species: *Ceratopogon expolitus* Coquillett, by original designation.
- ALLOBEZZIA** Kieffer, 1917b: 296. Type species: *Ceratopogon expolitus* Coquillett, by original designation.
- LASIOBEZZIA** Kieffer, 1925d: 54. Type species: *Bezzia pilipennis* Lundström, by original designation.
- HOMOBEZZIA** Macfie, 1932b: 496. Type species: *Homobezzia nyasae* Macfie, by monotypy.
- SIVABEZZIA** Remm, 1974a: 440 (as subgenus of *Bezzia*). Type species: *Bezzia campanai* Clastrier, by original designation.
- PYGOBEZZIA** Remm, 1974a: 441 (as subgenus of *Bezzia*). Type species: *Bezzia strobli* Kieffer (= *Ceratopogon albicornis* Meigen), by original designation.
- ASPINABEZZIA** Dow and Turner, 1976: 122 (as subgenus of *Bezzia*). Type species: *Ceratopogon glaber* Coquillett, by original designation.
- acuta** Remm, 1974b: 891. Estonia.
- adamsi** Tokunaga and Murachi, 1959: 418. Micronesia.
- aegyptia** Kieffer, 1925e: 264. Egypt.
- affinis** (Staeger), 1839: 595 (*Ceratopogon*). Denmark.
- africana** Ingram and Macfie, 1923: 71. South Africa.
hopkinsi de Meillon and Hardy, 1954: 62. Cameroon.
- aitkeni** Spinelli and Wirth, 1991: 5. Brazil.
- aklavikensis** Wirth and Grogan, 1983: 495. Canada (Northwest Territories).
- albicornis** (Meigen), 1818: 74 (*Ceratopogon*). Europe.
pallidetarsata (Strobl), 1900: 171 (*Ceratopogon*). Spain.
strobli Kieffer, 1919a: 122. Serbia-Montenegro.
brevinervis Kieffer, 1919a: 122. Hungary.
atrata (Macfie), 1944a: 126 (*Homobezzia*). Egypt.
- albidorsata** Malloch, 1915a: 349. USA (Illinois).
- albuquerquei** Lane, 1961a: 43. Brazil.
- aldanica** Remm, 1974b: 893. Russia.
- algeriana** Clastrier, 1962a: 89. Algeria.
- alia** Liu and Yu, *in* Yu et al., 2005: 1525. China.
- amana** de Meillon and Wirth, 1981b: 554. South Africa.
- amossovi** Remm, 1974b: 894. Russia.
- ampla** Saha and Chaudhuri, *in* Saha et al., 2009: 2. India.
- analisis** Kieffer, 1913d: 196 (as variety of *gracilipes*). India.
- andersonorum** Wirth and Grogan, 1983: 497. USA (Maryland).
- angulata** Remm, 1974b: 900. Tajikistan.
- annulipes** (Meigen), 1830: 264 (*Ceratopogon*). Europe.
bidentata Kieffer, 1901a: 162. France.
fossicola Kieffer, 1912b: 102. Germany.
ploenensis Kieffer, 1921a: 62. Germany.
media Kieffer, 1925d: 126 (preoccupied by *Bezzia media* (Coquillett), 1904b). Belgium.
phragmitis Kieffer, 1925a: 428. Germany.
digramma Kieffer, 1925a: 428. Poland.
kyotoensis Tokunaga, 1939a: 282. Japan.
sicarti Clastrier, 1962a: 83. France.
- apicata** Malloch, 1914c: 284. USA (Illinois).
- araucana** Spinelli and Wirth, 1990: 14. Argentina.
- armatipes** Kieffer, 1910: 207. India.
- atacina** Clastrier, 1962a: 65. France.
- atrifemorata** Clastrier, 1962a: 69. France.
- atripluma** Kieffer, 1919a: 123. Hungary.
- atrovittata** Remm, 1972: 87. Russia.
- australiensis** Kieffer, 1917a: 197. Australia (New South Wales).
- badiifemorata** Tokunaga and Murachi, 1959: 419. Micronesia.
- bargaensis** Remm, 1974a: 436. Russia.
- bengalensis** Kieffer, 1913d: 196 (as variety of *gracilipes*). India.

- biannulata** Wirth, 1952a: 237. USA (California).
- bicolor** (Meigen), 1804: 31 (*Ceratopogon*). Europe.
typhae (Kieffer), 1919a: 130 (*Probezzia*). Czech Republic.
brehmiana (Kieffer), 1924a: 22 (*Probezzia*). Austria.
algarum (Zilahi-Sebess), 1930b: 186 (*Probezzia*). Hungary.
rufithorax (Goetghebuer), 1933a: 287 (*Probezzia*). Germany.
copiosa (Thomsen), 1935: 292 (*Probezzia*). USA (New York).
- bilineata** Wirth, 1952a: 230. USA (California).
- bistorta** Yu and Hao, *in* Yu et al., 2005: 1536. China.
- bivittata** (Coquillett), 1905: 60 (*Ceratopogon*). USA (California).
- blandiata** Remm, 1967: 32. Azerbaijan.
- blantoni** Spinelli and Wirth, 1989b: 771. Honduras.
- bohemica** Kieffer, 1919a: 118. Czech Republic.
- boiemica** Kieffer, 1922e: 73 (as variety of *taeniata*). Czech Republic.
- boluensis** Yu and Ma, *in* Yu et al., 2005: 1536. China.
- bresii** Huttel and Huttel, 1951: 102. France.
- brevicornis** (Kieffer), 1917b: 328 (*Allobezzia*). Paraguay.
- brevipennata** Saha and Chaudhuri, *in* Saha et al., 2009: 4. India.
- brevipluma** Kieffer, 1919a: 121. Hungary, Croatia.
- bromeliae** Spinelli and Wirth, 1991: 9. Panama.
- bruna** Yu, *in* Yu et al., 2005: 1526. China.
- bucina** Li and Yu, 1997: 121. China.
- calceata** (Walker), 1856a: 239 (*Ceratopogon*). Great Britain.
trilobata Kieffer, 1922c: 237. Germany.
- calcuttensis** Kieffer, 1913d: 195. India.
- campanai** Clastrier, 1962a: 103. Algeria.
- capitata** Wirth and Grogan, 1983: 503. Honduras.
- carioca** Lane, 1958: 30. Brazil.
- catarinensis** Spinelli and Wirth, 1990: 17. Brazil.
- cayoensis** Spinelli and Wirth, 1991: 6. Belize.
- chelistyla** Wirth and Grogan, 1983: 504. USA (Arizona).
- chilensis** Spinelli and Ronderos, 2001: 752. Chile.
- chrysolopha** Kieffer, 1912a: 31. Taiwan.
- chuzhouensis** Yu, *in* Yu et al., 2005: 1556. China.
- circumdata** Staeger, 1839: 596 (*Ceratopogon*). Denmark.
solstitialis (Winnertz), 1852: 78 (*Ceratopogon*). Europe.
hydrophila Kieffer, 1909b: 38 (1911d: 6). Germany.
sieberti Kieffer, 1921d: 277. Latvia.
aquatilis Goetghebuer, 1923: 105. Belgium.
stagnalis Kieffer, 1925d: 129 (as variety of *hydrophila*). Germany.
- clarkei** Tokunaga and Murachi, 1959: 423. Micronesia.
- clavipennis** Spinelli and Wirth, 1989b: 775. Brazil.
- cockerelli** Malloch, 1915a: 346. USA (Colorado).
obscura (Malloch), 1915a: 355 (*Probezzia*). USA (New York).
- collessi** Wirth and Ratanaworabhan, 1981b: 415. Thailand.
- conjunctivena** Tokunaga, 1966a: 147. Papua New Guinea.
- coracina** (Zetterstedt), 1850: 3646 (*Ceratopogon*). Sweden.
albipes (Winnertz), 1852: 77 (*Ceratopogon*). Germany.
fusciclava Kieffer, 1919a: 121. Hungary.
- corvina** Remm, 1974b: 902. Russia.
- crista** Yu, *in* Yu et al., 2005: 1540. China.
- curtforceps** Goetghebuer, 1929: 233 (1934a: 78). Belgium.
- cyrtonotum** Remm, 1974b: 898. Tajikistan.
- datana** Yu, Chen and Liang, *in* Yu et al., 2007: 488. China.

- decincta** Edwards, 1932b: 47. Great Britain.
- demeilloni** Haeselbarth, 1975: 368. Madagascar.
- dentata** Malloch, 1914c: 284. USA (Illinois).
- dentifemur** Spinelli and Wirth, 1991: 3. Colombia.
- dessarti** Haeselbarth, 1980: 656. Democratic Republic of the Congo.
- dewulfi** Goetghebuer, 1935d: 181. Democratic Republic of the Congo.
- dinhaiensis** Yu and He, *in* Yu et al., 2005: 1557. China.
- diversipes** Clastrier, 1958c: 490. Senegal.
- dividua** Tokunaga, 1966a: 148. Indonesia.
- dorsasetula** Dow and Turner, 1976: 89. USA (New York).
- downesi** Dow and Turner, 1976: 93. USA (Maine).
- echinata** Clastrier, 1985a: 49. New Caledonia (France).
- edwardsi** de Meillon, 1938: 268. Zambia.
- elongata** Zilahi-Sebess, 1940: 101. Hungary.
- eocenica** Szadziowski, 1988: 187. Poland. Eocene.
- excavata** Tokunaga, 1966a: 145. Papua New Guinea.
- exclamationis** Kieffer, 1918a: 61. Tunisia.
- exigua** Goetghebuer, 1935a: 4. Belgium.
- expedita** Sinha and Dasgupta, *in* Sinha, et al., 2003: 24. India.
- expolita** (Coquillett), 1901a: 600 (*Ceratopogon*). USA (New Jersey).
johnsoni (Coquillett), 1901a: 600 (*Ceratopogon*). USA (New Jersey).
- fairchildi** Wirth, 1983b: 303. USA (Florida).
- fangchengi** Yu and Mai, *in* Yu et al., 2005: 1549. China.
- fascispinosa** Clastrier, 1962a: 91. France.
sexstrigata Remm, 1971: 213. Russia.
longiradia Dow and Turner, 1976: 97. Canada (Ontario).
- fenestrata** Clastrier, 1962a: 86. France.
- filiducta** Spinelli and Wirth, 1991: 3. Colombia.
- flava** Tokunaga, 1939a: 292. Japan.
- flavescens** Kieffer, 1913d: 196 (as variety of *gracilipes*). India.
- flavicornis** (Staeger), 1839: 599 (*Ceratopogon*). Denmark.
flavipalpis (Winnertz), 1852: 80 (*Ceratopogon*). Germany.
flavipluma Kieffer, 1919a: 126. Slovak Republic.
spinifera Goetghebuer, 1920: 106. Belgium.
spinosula Clastrier, 1962a: 100. France.
- flavicorporis** de Meillon, 1939a: 22. South Africa.
- flavipennis** Tokunaga, 1939a: 290. Japan.
spinosa Tokunaga, 1940d: 161. Japan.
- flavitarsis** Malloch, 1914c: 283. USA (Illinois).
- flavitibia** Dow and Turner, 1976: 140. USA (New York).
- flavoscutellaris** Haeselbarth, 1975: 362. Zimbabwe.
- flinti** Spinelli and Wirth, 1989a: 113. Dominica.
- fluminensis** Lane, 1948: 236. Brazil.
- fontana** Liu, Yan and Liu, 1996: 47. China.
- fortigenitalis** Sinha and Dasgupta, *in* Sinha, et al., 2003: 26. India.
- foyi** Ingram and Macfie, 1921: 361. Nigeria.
- fuliginata** Clastrier, 1962a: 116. Serbia-Montenegro.
- fusca** Spinelli and Wirth, 1991: 9. Colombia.
- fuscifemoris** Remm, 1971: 216. Russia.
- gibbera** (Coquillett), 1905: 60 (*Ceratopogon*). Cuba.
- gibberella** Wirth and Grogan, 1983: 508. USA (Maryland).
- glabra** (Coquillett), 1902a: 85 (*Ceratopogon*). USA (Florida).
- glaucivena** Sinha and Dasgupta, *in* Sinha, et al., 2003: 27. India.
- globulosa** Spinelli and Wirth, 1990: 18. Puerto Rico (USA).

goianensis Lane, 1961a: 44. Brazil.
gracilipes (Winnertz), 1852: 72 (*Ceratopogon*). Germany.
gressitti Tokunaga, 1966a: 149. Papua New Guinea.
griseata Remm, 1972: 85. Russia.
griseipes Clastrier, Rioux and Descous. 1961: 85. Chad.
grogani Spinelli and Wirth, 1990: 19. Panama.
hainana Liu, Yan and Liu, 1996: 48. China.
haroldi de Meillon and Wirth, 1987a: 66. South Africa.
hihifo Clastrier and Delécolle, 1996: 296. Wallis and Futuna Islands (France).
hissarica Remm, 1974b: 891. Tajikistan.
hoggarensis Clastrier, 1962a: 81. Algeria.
hondurensis Spinelli and Wirth, 1990: 20. Honduras.
huochengensis Yu and Ma, *in* Yu et al., 2005: 1560. China.
imbifida Dow and Turner, 1976: 38. USA (Maryland).
indecora Kieffer, 1912c: 8. Sri Lanka.
inflatifemora Tokunaga, 1966a: 141. Papua New Guinea.
insolita de Meillon and Wirth, 1983a: 376. South Africa.
insularis Kieffer, 1921g: 571. Taiwan.
jubata Spinelli and Wirth, 1990: 20. Colombia.
jamaicensis Spinelli and Wirth, 1989a: 115. Jamaica.
japonica Tokunaga, 1939a: 280. Japan.
 suffusa Dow and Turner, 1976: 110. Canada (Manitoba).
jaonana Yu and Xue, *in* Yu et al., 2005: 1551. China.
kazlauskasi Remm, 1966: 67. Lithuania.
kelamayi Yu and Ma, *in* Yu et al., 2005: 1561. China.
kempi Kieffer, 1913d: 197. India.
kiefferiana Goetghebuer, 1934a: 80. Germany.
kitaokai Tokunaga, 1963c: 46. Japan.
kuhetiensis Remm, 1967: 33. Azerbaijan.
kurensis Remm, 1967: 34. Azerbaijan.
laciniastyla Dow and Turner, 1976: 42. USA (Florida).
lancanga Yu, *in* Yu et al., 2005: 1553. China.
latipalpis Clastrier, 1962a: 106. Tunisia.
leei Spinelli and Wirth, 1990: 21. Colombia.
lenkoi Lane, 1958: 31. Brazil.
leucogaster (Zetterstedt), 1850: 3659 (*Ceratopogon*). Sweden.
 xanthocephala Goetghebuer, 1911: 95. Belgium.
 parvidens Kieffer, 1914a: 240. Sweden.
 picticornis Kieffer, 1914a: 241. Germany.
 danica Kieffer, 1915c: 291. Denmark.
 grisea Kieffer, 1919a: 119. Hungary.
 brachycera Kieffer, 1919a: 119. Hungary.
 belgica Kieffer, 1919a: 120. Belgium.
 hungarica Zilahi-Sebess, 1930b: 190. Hungary.
lewvanichae Wirth and Ratanaworabhan, 1981b: 422. Thailand.
liangpinensis Yu, *in* Yu et al., 2005: 1527. China.
longiforceps Tokunaga, 1959: 312. Indonesia.
longipennis Statz, 1944: 151. Germany. Oligocene.
longisaeta (Spataru), 1973: 287 (*Probezzia*). Romania.
lophophora Clastrier, 1988a: 58. Guinea.
lucida de Meillon, 1939a: 24. Democratic Republic of the Congo.
lujingi Yu, Chen and Pan, *in* Yu et al., 2007: 488. China.
lutea Wirth and Ratanaworabhan, 1981b: 417. Thailand.
luteiventris Wirth and Grogan, 1983: 510. USA (Virginia).

- maai** Tokunaga, 1966a: 149. Indonesia.
- maculifemorata** Tokunaga and Murachi, 1959: 424. Micronesia.
- magnisetula** Dow and Turner, 1976: 46. Canada (Manitoba).
- mallochi** Wirth, 1951d: 323. USA (Virginia).
- mathisi** Spinelli and Wirth, 1989a: 117. Ecuador.
- mazaruni** Macfie, 1940c: 193. Guyana.
coloradensis Wirth, 1952a: 238. USA (California).
- media** (Coquillett), 1904b: 166 (*Ceratopogon*). USA (New Jersey).
- medusa** Yu, Li and Nie, *in* Nie et al., 2005: 103. Indonesia or China.
- megatheca** Spinelli and Wirth, 1990: 22. Colombia.
- melanesiae** Clastrier, 1985a: 45. New Caledonia (France).
- melanoflava** Clastrier, 1958b: 235. Senegal.
- melanoflavida** Clastrier and Wirth, 1961a: 205. Nigeria.
- mellori** Boorman and Harten, 2002: 456. Oman.
- mesotibialis** Spinelli and Wirth, 1990: 23. Belize.
- mexicana** Spinelli and Wirth, 1991: 6. Mexico.
- meyensis** Vattier and Adam, 1966b: 748. Congo.
- micronyx** Kieffer, 1922b: 162. Taiwan.
crassistyla Tokunaga, 1966a: 143. Indonesia.
- minuta** Remm, 1974b: 895. Kyrgyzstan.
- mohave** Wirth and Grogan, 1983: 511. USA (California).
- mollis** Johannsen, 1932: 442. Indonesia.
- monacantha** Kieffer, 1925a: 427. Russia.
- mongolica** Remm, 1972: 88. Russia.
- monothea** Sinha and Dasgupta, *in* Sinha, et al., 2003: 29. India.
- morvani** Clastrier, 1962a: 95. Algeria.
- multiannulata** (Strobl), 1906: 400 (*Ceratopogon*). Spain.
gandavensis Goetghebuer, 1935a: 4. Belgium.
strigula Clastrier, 1962a: 68. France.
- multispinosa** Clastrier, 1962a: 77. Algeria.
- murina** Kieffer, 1922b: 162. Taiwan.
- murphyi** Clastrier and Wirth, 1961a: 207. Gambia.
- myrmedon** (Kieffer), 1921g: 571 (*Probezzia*). Taiwan.
- narynica** Remm, 1973: 183. Kyrgyzstan.
- naseri** Boorman and Harten, 2002: 457. Yemen.
- neixianga** Yu and Guo, *in* Yu et al., 2005: 1529. China.
- nicator** de Meillon, 1959b: 18. South Africa.
- nigerrima** Haeselbarth, 1965b: 9. South Africa.
- nigrialula** Tokunaga, *in* Tokunaga and Murachi, 1959: 428. Belau (USA).
- nigriclava** Kieffer, 1921g: 572. Taiwan.
- nigripes** Wirth and Grogan, 1983: 513. USA (Utah).
- nigrita** Clastrier, 1962a: 117. Norway.
- nigritibialis** Spinelli and Wirth, 1991: 5. Belize.
- nigritula** (Zetterstedt), 1838: 820 (*Ceratopogon*). Norway.
tenebricosa Goetghebuer, 1912: 208. Belgium.
atripes Zilahi-Sebess, 1940: 100. Hungary.
- nigrofasciata** Tokunaga, *in* Tokunaga and Murachi, 1959: 429. Micronesia.
- nigroflava** Remm, 1974b: 891. Russia.
- niokoloensis** Clastrier, 1958c: 493. Senegal.
- niphatoda** Yu, 2000: 162. China.
- nobilis** (Winnertz), 1852: 79 (*Ceratopogon*). Germany.
setulosa (Loew), 1861: 312 (*Ceratopogon*). USA (District of Columbia).
barberi (Coquillett), 1901a: 601 (*Ceratopogon*). USA (Maryland).
punctata Lundström, 1910: 42 (as variety of *leucogaster*). Finland.

- leucosticta* Kieffer, 1919a: 124. Russia.
cinerella Kieffer, 1919a: 124. Hungary.
armaticrus Kieffer, 1919a: 125. Hungary.
csikiana Kieffer, 1919a: 126. Russia.
chrysocoma Kieffer, 1922d: 355. Poland.
acanthodes Macfie, 1940c: 192. Guyana.
atlantica Wirth and Williams, 1957: 13. Bermuda (Great Britain).
nobiliformis Clastrier, 1962a: 74. France.
- nodosipes** Kieffer, 1924a: 22. Austria.
numidiana Clastrier, 1962a: 72. Algeria.
- nyasae** (Macfie), 1932b: 497 (*Homobezzia*). Malawi.
agathae de Meillon, 1940: 455. South Africa.
- obelisca** Dow and Turner, 1976: 104. USA (New York).
- omanensis** Boorman and Harten, 2002: 458. Oman.
- ornata** (Meigen), 1830: 262 (*Ceratopogon*). Europe.
vittiger (Zetterstedt), 1850: 3642 (*Ceratopogon*). Sweden.
albosignata Kieffer, 1919a: 117. Hungary.
- ornatissima** (Kieffer), 1911c: 349 (*Probezzia*). Seychelles.
bi-punctata (Kieffer), 1911c: 350 (*Probezzia*, as variety of *ornatissima*). Seychelles.
- pachypyga** Remm, 1974a: 441. Tajikistan.
- pallidipes** Clastrier and Wirth, 1961a: 209. Gambia.
- palustris** Clastrier, 1962a: 94. France.
- papillistyla** Sinha and Dasgupta, *in* Sinha, et al., 2003: 31. India.
- papuae** Tokunaga, 1966a: 150. Indonesia.
- pediaureola** Tokunaga and Murachi, 1959: 427. Micronesia.
- perplexa** Dow and Turner, 1976: 57. USA (Florida).
- picipes** Goetghebuer, 1948b: 17. Democratic Republic of the Congo.
- pilipennis** Lundström, 1916b: 674. Sweden.
- pilosella** Remm, 1974b: 896. Kazakhstan.
- platyura** (Macfie), 1947b: 77 (*Palpomyia*). Sudan.
dubia Clastrier, Rioux and Descous, 1961: 81. Chad.
- propriostyla** Sinha and Dasgupta, *in* Sinha, et al., 2003: 33. India.
- prospicula** Remm, 1974a: 435. Kyrgyzstan.
- pruinosa** (Coquillett), 1905: 59 (*Ceratopogon*). Canada (British Columbia).
modocensis Wirth, 1952a: 233. USA (California).
- pseudobscura** Wirth, 1951d: 324. USA (Virginia).
- pseudogibbera** Spinelli and Wirth, 1990: 23. Panama.
- pseudovenustula** Spinelli and Wirth, 1991: 8. Brazil.
- pulchripes** Kieffer, 1917b: 330. Paraguay.
- pulverea** (Coquillett), 1901a: 600 (*Ceratopogon*). USA (New Jersey).
- punctipennis** (Williston), 1896: 278 (*Ceratopogon*). St. Vincent.
- pygmaea** Goetghebuer, 1920: 100. Belgium.
- raoheensis** Yu and Liu, *in* Yu et al., 2005: 1562. China.
- raposoensis** Spinelli and Wirth, 1991: 4. Colombia.
- rhodesiensis** Haeselbarth, 1975: 360. Zimbabwe.
- rhynchostylata** Remm, 1974b: 891. Russia.
- riparia** Clastrier, 1985a: 51. New Caledonia (France).
- roldani** Spinelli and Wirth, 1981: 187. Argentina.
- rossii** Clastrier, 1962a: 55. Algeria.
- rufescens** Remm, 1971: 213. Russia.
- rufifascies** Goetghebuer, 1932a: 126. Germany.
- rufipes** (Kieffer), 1911c: 347 (*Pachyleptus*). Seychelles.
femoralis (Kieffer), 1911c: 348 (*Pachyleptus*, as variety of *rufipes*). Seychelles.
- sahariensis** Clastrier, 1962a: 97. Algeria.

saileri Wirth, 1983a: 770. USA (Alaska).
sajana Remm, 1972: 89. Russia.
quadridens Remm, 1972: 89. Russia.
sandersoni Wirth and Grogan, 1983: 514. USA (Arizona).
schmitzorum Dippolito and Spinelli, *in* Dippolito et al., 1995: 54. Brazil.
segermanae Haeselbarth, 1975: 359. South Africa.
separata Kieffer, 1916a: 96. Taiwan.
serena Johannsen, 1932: 443. Indonesia.
sergenti Kieffer, 1922g: 515. Algeria.
setigera Spinelli and Wirth, 1990: 24. Colombia.
setosa Remm, 1974b: 892. Russia.
setosinotum Wirth and Grogan, 1983: 517. USA (Maryland).
sevanica Remm, 1974a: 438. Armenia.
sexspinosa Edwards, 1928: 57. American Samoa (USA).
shihei Yu and Li, *in* Yu et al., 2005: 1543. China.
signata (Meigen), 1804: 29 (*Ceratopogon*). Europe.
heusdensis Goetghebuer, 1935b: 414. Belgium.
sinica Hao and Yu, 2003: 200. China.
sivashica Remm, *in* Remm and Zhogolev, 1968: 842. Ukraine.
snowi Lane, 1958: 34. Guatemala.
soikai (Harant, Huttel and Huttel), 1952: 12 (*Dicrobezzia*). Italy.
sordida Wirth, 1952a: 232. USA (California).
spathula Wirth and Grogan, 1983: 518. USA (Maryland).
spicata Dow and Turner, 1976: 77. USA (Florida).
spinosella Clastrier, 1983c: 21. Seychelles.
spinositibialis Tokunaga and Murachi, 1959: 421. Micronesia.
suavis Johannsen, 1932: 444. Indonesia.
subfusca Macfie, 1939c: 218. Brazil.
sulfureicruris Tokunaga and Murachi, 1959: 425. Micronesia.
tadsignata Remm, 1974b: 896. Tajikistan.
taeniata (Haliday), *in* Walker, 1856a: 238 (*Ceratopogon*). Great Britain.
brehmii Kieffer, 1925d: 129. France.
tasmaniensis Lee, 1948b: 341. Australia (Tasmania).
ternidenta Yu, 2000: 161. China.
tenuipennis Yu and Zhang, *in* Yu et al., 2005: 1564. China.
texensis Wirth and Grogan, 1983: 519. USA (Texas).
tirawati Wirth and Ratanaworabhan, 1981b: 420. Thailand.
transitiva Remm, 1974a: 434. Russia.
trichia Yu and Liu, *in* Yu et al., 2005: 1565. China.
trispinosa Kieffer, 1911a: 123. India.
tshernovskii Remm, 1993: 180. Armenia.
tuoliensis Yu and Xiang, *in* Yu et al., 2005: 1544. China.
turbipes Sinha and Dasgupta, *in* Sinha, et al., 2003: 35. India.
turkmenica Glukhova, 1979: 163. Turkmenistan.
turmidifemura Yu and Xu, *in* Yu et al., 2005: 1545. China.
turrita de Meillon and Wirth, 1983a: 378. South Africa.
twinni Wirth, 1983a: 774. Canada (Manitoba).
umlalazia de Meillon, 1940: 457. South Africa.
uncistyla Dow and Turner, 1976: 80. USA (New Mexico).
unispina Dow and Turner, 1976: 114. USA (Alaska).
ussurica Glukhova, 1979: 167. Russia.
varia Haeselbarth, 1975: 368. Zimbabwe.
varicolor (Coquillett), 1902b: 84 (*Ceratopogon*). USA (New York).
venustula (Williston), 1896: 278 (*Ceratopogon*). St. Vincent.

- concoloripes* Macfie, 1940d: 31. Guyana.
vilbastei Remm, 1971: 215. Russia.
vitilevuensis Wirth and Giles, 1990: 458. Fiji.
vittata Tokunaga, 1966a: 146. Indonesia.
wanyuanensis Yu, *in* Yu et al., 2005: 1566. China.
winnertziana Kieffer, 1919a: 113. New name for *gracilis*.
gracilis (Winnertz), 1852: 76 (*Ceratopogon*, preoccupied by *Stilobezzia gracilis* (Haliday), 1833). Germany.
wirthi Haeselbarth, 1965b: 10. Zimbabwe.
woodruffi Spinelli and Wirth, 1989a: 120. Jamaica.
xanthogaster (Kieffer), 1919a: 130 (*Probezzia*). Russia.
xinyangensis Yu, *in* Yu et al., 2005: 1547. China.
yaeyama (Tokunaga), 1962a: 216 (*Nilobezzia*). Japan.
yasumatsui Wirth and Ratanaworabhan, 1981b: 424. Thailand.
yigonga Yu and Yan, *in* Yu et al., 2005: 1533. China.
zajantshkauskasi Remm, 1966: 68. Lithuania.
zhangmuensis Yu and Zhang, *in* Yu et al., 2005: 1567. China.
zhangxingwangi Yu and Gao, *in* Yu et al., 2005: 1570. China.
zhongnina Yu and Liu, *in* Yu et al., 2005: 1569. China.
zonatipes Tokunaga, 1966a: 146. Indonesia.

Genus CLASTRIEROMYIA Spinelli and Grogan

CLASTRIEROMYIA Spinelli and Grogan, 1985: 330. Type species: *Clastrieromyia schnacki* Spinelli and Grogan, by original designation.

- dycei** Spinelli and Grogan, 1986: 456. Uruguay.
kremeri Spinelli and Grogan, 1985: 332. Brazil.
schnacki Spinelli and Grogan, 1985: 331. Ecuador.
uruguayensis Spinelli and Grogan, 1986: 458. Uruguay.

Genus PACHYHELEA Wirth

PACHYHELEA Wirth, 1959a: 50. Type species: *Ceratopogon magnus* Coquillett (= *Ceratopogon pachymerus* Williston), by original designation.

- albidiventris** (Kieffer), 1917b: 316 (*Sphaeromyias*). Colombia.
pachymera (Williston), 1900: 224 (*Ceratopogon*). Mexico.
magna (Coquillett), 1905: 61 (*Ceratopogon*). USA (Texas).
latifemoris (Ingram and Macfie), 1931a: 231 (*Johannsenomyia*). Argentina.

Genus PALPOMYIA Meigen

- PALPOMYIA** Meigen, 1818: 82. Type species: *Ceratopogon flavipes* Meigen, by monotypy. Generic name first published *in* synonymy with *Ceratopogon* but available under ICZN Code Article 11(e).
APOGON Rondani, 1856: 175 (preoccupied by *Apogon* Lacepede, 1802). Type species: *Ceratopogon hortulanus* Meigen (= *Ceratopogon flavipes* Meigen), by original designation.
ALASION Rondani, 1857: 14. New name for *Apogon* Rondani. Type species: *Ceratopogon hortulanus* Meigen (= *Ceratopogon flavipes* Meigen), automatic.
MIOPALPOMYIA Pierce, 1966: 95. Type species: *Miopalpomyia shilo* Pierce, by original designation.
NEOPALPOMYIA Pierce, 1966: 95. Type species: *Neopalpomyia freyi* Pierce, by original designation.
PARAPALPOMYIA Pierce, 1966: 97. Type species: *Parapalpomyia ryshkoffi* Pierce, by original designation.
GLUHHOVIA Remm, 1976a: 174 (as subgenus of *Palpomyia*). Type species: *Palpomyia miki* Goetghebuer, by original designation.

- abdominalis** Kieffer, 1922b: 161 (as variety of *tainana*). Taiwan.
- abrupta** Yu, *in* Yu et al., 2005: 1575. China.
- aculeata** Ingram and Macfie, 1931a: 215. Chile.
- afra** Goetghebuer, 1948b: 14. Democratic Republic of the Congo.
- alba** Yu and Liu, *in* Yu et al., 2005: 1576. China.
- albiditarsis** Kieffer, 1910: 203. India.
- albipennis** Kieffer, 1901a: 163. France.
- aldrichi** (Malloch), 1915a: 326 (*Heteromyia*). USA (Idaho).
- algeriana** Clastrier, 1962b: 244. Algeria.
- almeidai** (Lane), 1946b: 219 (*Sphaeromyias*). Brazil.
- altispina** Grogan and Wirth, 1975a: 32. USA (New York).
- amplofemoria** Yu and Zhang, *in* Yu et al., 2005: 1577. China.
- ancorifera** Tokunaga, 1966a: 129. Papua New Guinea.
- angustipennis** Kieffer, 1919a: 105. Hungary.
- aquilotibialis** Borkent, *in* Borkent and Wirth, 1997:130. New name for *nigrotibialis*.
nigrotibialis Remm, 1976a: 183 (preoccupied by *Palpomyia nigrotibialis* Goetghebuer, 1933d). Kyrgyzstan.
- arcutibia** Yu, *in* Yu et al., 2005: 1578. China.
- arenosa** (Remm and Nasarmuchamedov), 1969: 54 (*Bezzia*). Uzbekistan.
- arkitensis** Remm, 1976a: 183. Kyrgyzstan.
- armata** Kieffer, 1921a: 60. France.
- armatipes** Wirth, 1952a: 222. USA (California).
- armigera** de Meillon and Downes, 1986: 177. South Africa.
- armipes** (Meigen), 1838: 20 (*Ceratopogon*). Germany.
erythrocephala (Staeger), 1839: 579 (*Ceratopogon*). Denmark.
rufipecta (Winnertz), 1852: 62 (*Ceratopogon*). Poland.
- ashantii** Ingram and Macfie, 1923: 64. Ghana.
- aspina** Grogan and Wirth, 1979a: 37. USA (Texas).
- aterrima** Goetghebuer, 1921: 183. Belgium.
- atriclava** Kieffer, 1921g: 569. Taiwan.
- atricoxa** Kieffer, 1919a: 110. Romania.
- balozeti** Clastrier, 1962b: 260. Algeria.
- barrettoi** Lane, 1947b: 442. Brazil.
- basalis** (Walker), 1848: 27 (*Ceratopogon*). USA (New York).
trivialis (Loew), 1861: 309 (*Ceratopogon*). USA (District of Columbia).
tenuicornis (Malloch), 1915a: 328 (*Heteromyia*). USA (Wisconsin).
- belkini** Grogan and Wirth, 1979a: 72. USA (California).
- bicolor** Macfie, 1941: 67. Malawi.
- bipicta** Remm, 1976a: 175. Tajikistan.
- bispinosa** Kieffer, 1915c: 286. Denmark.
kiefferi Goetghebuer, 1934a: 69. New name for *bispinosa*.
- boliviensis** Kieffer, 1917b: 324. Bolivia.
- bottimeri** Grogan and Wirth, 1979a: 75. USA (Texas).
- brachialis** (Haliday), 1833: 152 (*Ceratopogon*). Great Britain.
longipennis Kieffer, 1919a: 104. Slovak Republic.
fusciclava Kieffer, 1919a: 109. Slovak Republic.
nemorivaga Goetghebuer, 1920: 84. Belgium.
- brandti** Tokunaga, 1966a: 138. Papua New Guinea.
- brasiliensis** Macfie, 1939c: 213. Brazil.
- brevicornis** Edwards, 1926a: 422. Great Britain.
- brevipes** Goetghebuer, 1948b: 14. Democratic Republic of the Congo.
- buettikeri** Boorman and Harten, 2002: 458. Saudi Arabia.
- burmae** Kieffer, 1910: 196. Myanmar.
- calcarata** Edwards, 1929b: 10. Philippines.
- calderana** Storå, 1936: 37. Canary Islands (Spain).

- callangana** Kieffer, 1917b: 323. Peru.
- canadensis** Grogan and Wirth, 1979a: 109. USA (California).
- cantuaris** Ingram and Macfie, 1931b: 207. New Zealand.
- carioca** Lane, 1960: 384. Brazil.
- carrerai** (Lane), 1948: 235 (*Dicrobezzia*, as *carreirai*). Brazil.
- castanea** Macfie, 1939c: 211. Brazil.
- castellana** (Strobl), 1900: 170 (*Ceratopogon*). Spain.
- catarinensis** Lane, 1960: 385. Brazil.
- chongqingi** Yu, in Yu et al., 2005: 1581. China.
- citrinipes** Kieffer, 1922e: 72. Czech Republic.
- columbiana** Kieffer, 1917b: 323. Colombia.
- concoloripes** Clastrier, 1962b: 258. Norway.
- conifera** Macfie, 1939c: 214. Brazil.
- coroicoensis** Wirth, 1974: 54. New name for *boliviensis*.
boliviensis (Kieffer), 1917b: 331 (*Jenkinsia*, preoccupied by *Palpomyia boliviensis* Kieffer, 1917b). Bolivia.
- craponnei** Clastrier, 1962b: 242. France.
- crassicrus** Kieffer, 1917b: 321. Paraguay.
- crassifemur** Kieffer, 1918a: 98. Sri Lanka.
festiva Kieffer, 1918a: 99 (as variety of *crassifemur*). Sri Lanka.
- crassinervis** (de Meijere), 1907: 213 (*Ceratopogon*). Indonesia.
- crassipalpis** Sinha, Das Gupta, and Chaudhuri, 2003b: 75. India.
flexidigita Sinha, Das Gupta, and Chaudhuri, 2003b: 79. India.
novita Saha and Das Gupta, 2005: 63. India.
- cressoni** (Malloch), 1915a: 327 (*Heteromyia*). USA (Pennsylvania).
- croatica** Kieffer, 1919a: 99 (as variety of *serripes*). Slovak Republic, Romania, Hungary.
- csikii** Remm, 1981: 31. New name for *longicornis*.
longicornis Kieffer, 1919a: 107 (preoccupied by *Palpomyia longicornis* (Williston), 1896). Romania.
- curtata** Yu and Deng, in Yu et al., 2005: 1582. China.
- decima** Lee, 1948d: 58. Australia (Tasmania).
- deminutipalpis** Sinha, Das Gupta, and Chaudhuri, 2003b: 79. India.
barbara Saha and Das Gupta, 2005: 62. India.
- distincta** (Haliday), 1833: 152 (*Ceratopogon*). Great Britain.
ephippium (Zetterstedt), 1855: 4873 (*Ceratopogon*). Sweden.
rubra Kieffer, 1919a: 101. Romania.
flaviscutellum Kieffer, 1919a: 103. Romania.
ruficornis Goetghebuer, 1934c: 289 (as variety of *distincta*). Europe.
- divisa** Kieffer, 1916a: 94. Taiwan.
- downesi** Grogan and Wirth, 1979a: 112. Canada (Manitoba).
- ebejeri** Boorman and Harten, 2002: 458. Oman.
- ectasa** Yu, in Yu et al., 2005: 1588. China.
- edwardsi** Cockerell, 1921: 469. Great Britain. Oligocene.
- elgoni** Macfie, 1939a: 97. Kenya.
- erikae** Szadziewski, 1993: 642. Germany. Eocene.
- exotica** Yu and Nie, in Nie and Yu, 2006:376. China (on ship from Tomita, Japan).
- fergana** Remm, 1976a: 183. Kyrgyzstan.
- flaviceps** (Johannsen), 1908: 268 (*Johannseniella*). USA (New York).
opacithorax (Malloch), 1915a: 329 (*Heteromyia*). USA (Illinois).
hirta (Malloch), 1915a: 330 (*Heteromyia*). USA (Illinois).
- flavipecta** Kieffer, 1918a: 59. Tunisia.
- flavipes** (Meigen), 1804: 28 (*Ceratopogon*). Europe.
hortulana (Meigen), 1818: 81 (*Ceratopogon*). Europe.
mutabilis Clastrier, 1962b: 246. France.
- flavitarsis** (Meigen), 1838: 20 (*Ceratopogon*). Europe.
- flavitibialis** Santos Abreu, 1918: 325 (as variety of *flavipes*). Canary Islands (Spain).

- flaviventris** (Czerny and Strobl), 1909: 130 (*Ceratopogon*, as variety of *flavipes*). Spain.
- floralis** (Meigen), 1804: 27 (*Ceratopogon*). Europe.
- freyi** (Pierce), 1966: 95 (*Neopalpomyia*). USA (California). Miocene.
- fulva** Yu and Qi, *in* Yu et al., 2005: 1585. China.
- fulvastra** Yu, *in* Yu et al., 2005: 1586. China.
- fulvescens** Kieffer, 1919a: 100. Romania.
- fumiptera** Yu and Zhang, *in* Yu et al., 2005: 1587. China.
- fusca** de Meillon, 1938: 266. Mozambique.
- fuscipecta** Kieffer, 1918a: 60. Tunisia.
atrimana Kieffer, 1918a: 60 (as variety of *fuscipectus*). Tunisia.
- fuscipeda** Yu and Liu, *in* Yu et al., 2005: 1590. China.
- fuscitibia** Yu and Deng, *in* Yu et al., 2005: 1591. China.
- gilva** de Meillon and Wirth, 1987a: 67. South Africa.
- globulifera** Remm, 1971: 211. Russia.
- grossipes** Goetghebuer, 1920: 88. Belgium.
- guarani** Lane, 1946b: 221. Brazil.
- guyana** Clastrier, 1992: 117. French Guiana.
- hastata** Grogan and Wirth, 1975a: 34. USA (New York).
- helviscutellata** Borkent, *in* Borkent and Wirth, 1997:132. New name for *flavoscutellata*.
flavoscutellata (Strobl), 1900: 170 (*Ceratopogon*, as variety of *flavipes*, preoccupied by *Dasyhelea flavoscutellata* (Zetterstedt), 1850). Spain.
- himalayae** (Kieffer), 1911b: 328 (*Dibezzia*). India.
- hispidia** Borkent, *in* Borkent and Wirth, 1997:132. New name for *multispinosa*.
multispinosa Spinelli and Grogan, 1989: 6 (preoccupied by *Palpomyia multispinosa* (Pierce), 1966). El Salvador.
- iberaensis** Spinelli and Cazorla, 2006: 1068. Argentina.
- indistincta** Remm, 1976a: 180. Russia.
- indivisa** Kieffer, 1916a: 95. Taiwan.
- inermicollis** Kieffer, 1917b: 323. Paraguay.
- inflatifemoralis** Tokunaga, 1966a: 131. Papua New Guinea.
- infuscata** Kieffer, 1919a: 104. Slovak Republic, Croatia.
- insularis** Spinelli and Grogan, 1989: 3. Puerto Rico (USA).
- jambacki** Grogan and Wirth, 1979a: 88. USA (New York).
- jantari** Szadziewski, 1988: 182. Poland. Eocene.
- jimmensis** Tokunaga, 1966a: 126. Papua New Guinea.
- johannseni** (Lane), 1948: 233 (*Dicrobezzia*). Brazil.
- johnstoni** Macfie, 1939a: 96. Uganda.
- jonesi** Grogan and Wirth, 1975a: 17. USA (Wisconsin).
- kernensis** Wirth, 1952a: 223. USA (California).
- kilembei** Macfie, 1939a: 94. Uganda.
- kirgizica** Glukhova, 1979: 161. Kyrgyzstan.
- korni** Havelka, 1980: 89. Germany.
- kurwana** de Meillon and Wirth, 1987a: 69. South Africa.
- kyotoensis** Tokunaga, 1939a: 312. Japan.
- lacorum** Debenham, 1989: 250. New name for *abdominalis*.
abdominalis (Tokunaga), 1966a: 106 (*Heteromyia*, preoccupied by *Palpomyia abdominalis* Kieffer, 1922b).
Indonesia.
- lacteipennis** Remm, 1976a: 183. Russia.
- lacustris** Lane, Forattini and Rabello, 1955: 83. Brazil.
- laensis** Tokunaga, 1966a: 134. Papua New Guinea.
- lanceolifera** Tokunaga, 1966a: 133. Papua New Guinea.
- langyaensis** Yu, *in* Yu et al., 2005: 1592. China.
- leucopogon** Kieffer, 1911a: 114. India.
- limnochares** (Macfie), 1940a: 76 (*Sphaeromias*). Brazil.
- lineata** (Meigen), 1804: 30 (*Ceratopogon*). Europe.

- cinerea* (Macquart), 1826: 177 (*Ceratopogon*). France.
binotata (Staeger), 1839: 596 (*Ceratopogon*). Denmark.
slossonae (Coquillett), 1905: 61 (*Ceratopogon*). USA (New Hampshire).
algarum Kieffer, in Kieffer and Thienemann, 1908: 1. Germany.
winnertzi Kieffer, 1914a: 238. Germany.
illinoisensis Malloch, 1914a: 219. USA (Illinois).
octasema Kieffer, 1914a: 239. Germany.
spinosissima Kieffer, 1915c: 285. Denmark.
unifasciata Kieffer, 1922e: 72. Czech Republic.
murina Kieffer, 1925a: 426. Germany.
obesa Goetghebuer, 1927b: 94. Belgium.
nigrotibialis Goetghebuer, 1933d: 370 (as variety of *lineata*). Belgium.
pruinescens Thomsen, 1935: 290. USA (New York).
edwardsi de Meijere, 1946: 10 (preoccupied by *Palpomyia edwardsi* Cockerell, 1921). Netherlands.
stagnalis Clastrier, 1962b: 274. France.
- linsleyi** Wirth, 1952a: 224. USA (California).
longa Remm, 1976a: 189. Georgia.
longtana Yu, in Yu et al., 2005: 1593. China.
lundstroemi Remm, 1981: 31. New name for *bispinosa*.
bispinosa Lundström, 1916a: 15 (preoccupied by *Palpomyia bispinosa* Kieffer, 1915c). Finland.
luteifemorata Edwards, 1926a: 419. Great Britain.
luteiventris Santos Abreu, 1918: 326 (as variety of *flavipes*). Canary Islands (Spain).
lutzi Lane, 1947b: 440. Brazil.
maai Tokunaga, 1966a: 132. Papua New Guinea.
macracantha Clastrier, 1962b: 252. France.
magali de Meillon and Wirth, 1981b: 557. South Africa.
magna Tokunaga, 1966a: 130. Papua New Guinea.
magnispinosa Clastrier, 1962b: 250. France.
mahyoubi Boorman and Harten, 2002: 458. Yemen.
manilensis Edwards, 1929b: 10. Philippines.
mapuche Spinelli, Grogan and Ronderos, in Spinelli, et al., 2009:50. Argentina.
marinoi Spinelli, Grogan and Ronderos, in Spinelli, et al., 2009:53. Argentina.
melacheira Remm, 1976a: 186. Russia.
mellichroa Macfie, 1939c: 212. Brazil.
micans Kieffer, 1918a: 61. Tunisia.
microchela Kieffer, 1917b: 321. Colombia.
montana Tokunaga, 1939a: 304. Japan.
monticola Tokunaga, 1939a: 306. Japan.
morenae (Strobl), 1900: 170 (*Ceratopogon*). Spain.
multisaeta Yu and Xu, in Yu et al., 2005: 1594. China.
multispinosa (Pierce), 1966: 97 (*Neopalpomyia*). USA (California). Miocene.
nakali Boorman and Harten, 2002: 459. Oman.
namwambae Macfie, 1939a: 99. Uganda.
nana Zilahi-Sebess, 1934: 157. Bulgaria.
nelsoni Macfie, 1932c: 50. New Zealand.
nigricans Macfie, 1934c: 288. Malaysia.
nigridorsum Kieffer, 1919a: 111. Slovak Republic.
nigrina Clastrier, 1962b: 226. France.
nigripalpis Goetghebuer, 1934a: 91. Spain.
nigripecta Kieffer, 1919a: 108. Slovak Republic.
nigripes (Meigen), 1830: 265 (*Ceratopogon*). Europe.
pratensis (Meigen), 1830: 264 (*Ceratopogon*). Europe.
bryocrypta Kieffer, 1925a: 425. France.
nigritarsalis Remm, 1976a: 185. Kyrgyzstan.

- nigrithorax** de Meillon, 1929: 248. South Africa.
- nigroflava** Lane, 1947b: 446. Brazil.
- nigroscutellata** Lane, 1947b: 444. Brazil.
- nitela** Yu and Ding, *in* Yu et al., 2005: 1596. China.
- nitidissima** Goetghebuer, 1948b: 15. Democratic Republic of the Congo.
- novaeuguineae** Tokunaga, 1966a: 135. Papua New Guinea.
- novaeirelandensis** Tokunaga, 1966a: 135. Papua New Guinea.
- novitibialis** Grogan and Wirth, 1975a: 13. USA (New York).
- obscura** Clastrier, 1962b: 256. France.
- occidentalis** Grogan and Wirth, 1979a: 115. USA (Utah).
- oliffi** de Meillon and Hardy, 1954: 72. South Africa.
- oliveirai** Lane, 1947b: 443. Brazil.
- pacifica** Remm, 1981: 31. New name for *aterrima*.
aterrima Kieffer, 1922b: 159 (preoccupied by *Palpomyia aterrима* Goetghebuer, 1921). Taiwan.
- pallida** (Tokunaga), 1966a: 107 (*Heteromyia*). Papua New Guinea.
- pallidipeda** Yu and Liu, *in* Yu et al., 2005: 1597. China.
- pampana** Lane, 1960: 386. Brazil.
- panacantha** Clastrier, 1962b: 270. France.
- paraensis** Lane, 1960: 387. Brazil.
- patagonica** Ingram and Macfie, 1931a: 222. Argentina.
- paulistensis** Lane, 1947b: 445. Brazil.
- pendleburyi** Edwards, 1933c: 254. Malaysia.
- pilea** Yu, *in* Yu et al., 2005: 1598. China.
- plebeiella** Grogan and Wirth, 1975a: 20. USA (New York).
- plebeja** (Loew), 1861: 313 (*Ceratopogon*). USA (Pennsylvania).
- polyacantha** Clastrier, 1962b: 268. France.
- portali** Macfie, 1939a: 95. Uganda.
- praeusta** (Loew), 1869b: 50 (*Ceratopogon*). Germany.
apicalis (Strobl), 1898: 612 (*Ceratopogon*, as variety of *flavipes*, preoccupied by *Ceratopogon apicalis* Roser, 1840).
 Bosnia-Herzegovina.
terminalis Kieffer, 1919a: 103. Slovak Republic.
schineri Goetghebuer, 1920: 82 (as variety of *flavipes*, preoccupied by *Nilobezzia schineri* (Kieffer), 1919a). Belgium.
- pruinulosa** Remm, 1976a: 178. Georgia.
- pseudolacustris** Dippolito and Spinelli, *in* Dippolito et al., 1995: 55. Brazil.
- pseudorivularis** Das Gupta, *in* Das Gupta, et al. 2009: 47. India.
- pseudorufa** Grogan and Wirth, 1975a: 26. USA (Maryland).
- puberula** Remm, 1976a: 196. Estonia.
- pubescens** Kieffer, 1919a: 105. Slovak Republic.
crassipes Goetghebuer, 1920: 112. Belgium.
turfacea Kieffer, 1925b: 155. Russia.
- quadrispinosa** Goetghebuer, 1920: 83. Belgium.
- quadristriata** (Strobl), 1910: 263 (*Ceratopogon*). Austria.
- raignieri** Goetghebuer, 1931: 211. Belgium.
- rastellifera** Macfie, 1932c: 51. New Zealand.
- remmi** Havelka, 1974: 622. Germany.
- reversa** Remm, 1972: 83. Russia.
- riedeli** Szadziewski, 1988: 183. Poland. Eocene.
- rioux** Huttel and Huttel, 1951: 99. France.
- rivularis** Kieffer, 1911b: 328. India.
- rossica** Remm, 1965: 185. Russia.
- rubiginosa** Grogan and Wirth, 1975a: 22. USA (New York).
- rufa** (Loew), 1861: 314 (*Ceratopogon*). USA (Pennsylvania).
- ruficrus** Goetghebuer, 1948b: 15. Democratic Republic of the Congo.
- rufipes** (Meigen), 1818: 81 (*Ceratopogon*). Europe.

- spinosior* Kieffer, 1919a: 106. Slovak Republic, Hungary, Croatia.
pseudospinipes Goetghebuer, 1933b: 112. Russia.
plurispinosa Clastrier, 1962b: 265. France.
- rutshuruensis** Goetghebuer, 1948b: 15. Democratic Republic of the Congo.
- ruwenzorii** Macfie, 1939a: 98. Uganda.
- ryshkoffi** (Pierce), 1966: 98 (*Parapalpomyia*). USA (California). Miocene.
- scabra** (Coquillett), 1905: 62 (*Ceratopogon*). Mexico.
- scalpellifera** Grogan and Wirth, 1975a: 33. USA (New York).
- schmidti** Goetghebuer, 1934e: 36. Iraq.
miki Goetghebuer, 1934a: 91. Hungary.
- semiermis** Goetghebuer, 1914: 190. Belgium.
goetghebueri Kieffer, 1919a: 98. Belgium.
- seneveti** Clastrier, 1962b: 239. Algeria.
- septentrionalis** Spinelli, Grogan and Ronderos, *in* Spinelli, et al., 2009:58. Argentina.
- serraticauda** Tokunaga, 1966a: 128. Papua New Guinea.
- serripes** (Meigen), 1818: 82 (*Ceratopogon*). Europe.
transfuga (Staeger), 1839: 598 (*Ceratopogon*). Denmark.
tarsata (Zetterstedt), 1855: 4874 (*Ceratopogon*). Sweden.
ruficeps Kieffer, 1918a: 59. Tunisia.
- shilo** (Pierce), 1966: 95 (*Miopalpomyia*). USA (California). Miocene.
- simplitheca** Das Gupta, *in* Das Gupta, et al. 2009: 47. India.
- sinanoensis** Tokunaga, 1939a: 300. Japan.
- singularis** de Meillon, 1937b: 362. South Africa.
- spinifemur** (Lane), 1948: 234 (*Dicrobezzia*). Brazil.
- spinipes** (Meigen) *in* Panzer, 1806: plate 14 (*Ceratopogon*). Germany.
fulva (Macquart), 1826: 181 (*Ceratopogon*). France.
ferruginea (Meigen), 1830: 265 (*Ceratopogon*). Denmark.
parviforceps Kieffer, 1925d: 98. France.
- spinosa** Lutz, 1914: 93. Brazil.
- spinulosa** Goetghebuer, 1935d: 180. Democratic Republic of the Congo.
- stella** Tokunaga, 1966a: 136. Indonesia.
- stonei** Wirth, 1951d: 322. USA (Virginia).
- subalpina** Lee, 1948d: 59. Australia (Capital Territory).
- subaspera** (Coquillett), 1901a: 606 (*Ceratopogon*). USA (New Mexico).
maculicrus Ingram and Macfie, 1931a: 230. Argentina.
essigi Wirth, 1952a: 225. USA (California).
- subfuscula** Ingram and Macfie, 1931a: 216. Chile.
- succincta** (Meigen), 1818: 85 (*Ceratopogon*). Portugal.
- succinea** Szadziewski, 1988: 185. Denmark. Eocene.
- tainana** Kieffer, 1912a: 29. Taiwan.
- tamaricis** Remm, 1976a: 176. Kyrgyzstan.
- tamioi** Lane, 1960: 388. Brazil.
- tanycornis** Borkent, *in* Borkent and Wirth, 1997:134. New name for *longicornis*.
longicornis (Williston), 1896: 280 (*Ceratopogon*, preoccupied by *Ceratopogon longicornis* Waltl, 1837). St. Vincent.
- tasmanica** (Lee), 1948d: 62 (*Heteromyia*). Australia (Tasmania).
- tauffliebi** Vattier and Adam, 1966b: 762. Congo.
- tenuicrus** Kieffer, 1917b: 320. Paraguay.
- terrea** (Meigen), 1818: 85 (*Ceratopogon*). Germany.
oldenbergi Goetghebuer, 1932a: 127. Germany.
- thomsoni** Macfie, 1939a: 96. Uganda.
- tibialis** (Meigen), 1818: 82 (*Ceratopogon*). Austria.
atripecta Kieffer, 1919a: 101. Serbia-Montenegro.
laticollis Goetghebuer, 1922: 55. Belgium.
nipponica Tokunaga, 1939a: 297. Japan.

tinctipennis Kieffer, 1919a: 110. Romania, Slovak Republic.
obscuripennis Kieffer, 1919a: 110. Croatia.
semifumosa Goetghebuer, 1922: 58. Belgium.
adusta Kieffer, 1925a: 426. Germany.
nigritella Clastrier, 1962b: 255. France.
trifasciata Wirth, 1952a: 222. USA (California).
turanica Remm, 1976a: 176. Kazakhstan.
tuvae Remm, 1972: 84. Russia.
umbella Macfie, 1939c: 208. Brazil.
urpicifemoris Macfie, 1932c: 52. New Zealand.
vallouisensis Clastrier, 1962b: 272. France.
variipila Kieffer, 1924b: 407. Germany.
venetiae Harant, Huttel and Huttel, 1952: 14. Italy.
verna de Meillon and Wirth, 1987a: 70. South Africa.
versicolor Macfie, 1939c: 215. Brazil.
vittata Clastrier, Rioux and Descous, 1961: 78. Chad.
walteri Grogan and Wirth, 1979a: 62. USA (West Virginia).
weemsi Grogan and Wirth, 1979a: 35. USA (Florida).
wirthi Lane, Forattini and Rabello, 1955: 82. Brazil.
wirthorum Szadziewski and Grogan, 1997: 257. Dominican Republic. Miocene.
wittei Goetghebuer, 1948b: 14. Democratic Republic of the Congo.
xanthothorax Remm, 1976a: 180. Tajikistan.
xizanga Yu and Liu, *in* Yu et al., 2005: 1605. China.
yamana Spinelli, Grogan and Ronderos, *in* Spinelli, et al., 2009:63. Argentina.
yasumatsui Tokunaga, 1940d: 158. Japan.
yuanqingi Yu, *in* Yu et al., 2005: 1607. China.
zernyi Goetghebuer, 1934a: 92. Spain.
ziliangi Yu, *in* Yu et al., 2005: 1604. China.
zyzza Yu and Zou, *in* Yu et al., 2005: 1608. China.

Genus PHAENOBEZZIA Haeselbarth

PHAENOBEZZIA Haeselbarth, 1965a: 297. Type species: *Probezzia pistiae* Ingram and Macfie, by original designation.

assimilis (Johannsen), 1932: 445 (*Bezzia*). Indonesia.
ateles (Macfie), 1940a: 78 (*Bezzia*). Brazil.
astyla Spinelli and Wirth, 1986: 232. Colombia.
beni de Meillon and Wirth, 1983a: 379. South Africa.
chonganensis Yu and Shen, 1998: 62. China.
cinnae (de Meillon), 1936: 185 (*Palpomyia*). South Africa.
conspersa (Johannsen), 1932: 446 (*Bezzia*). Indonesia.
eucera (Kieffer), 1911a: 123 (*Bezzia*). India.
excisa (Clastrier), 1962a: 110 (*Bezzia*). Algeria.
fulvithorax (Malloch), 1915a: 354 (*Probezzia*). USA (Illinois).
griseipennis (Clastrier), 1958c: 498 (*Nilobezzia*). Senegal.
javana (Kieffer), 1923b: 142 (*Probezzia*). Indonesia.
lineola (Kieffer), 1910: 205 (*Bezzia*, as variety of *gracilipes*). India.
gracilipes (Kieffer), 1910: 205 (*Bezzia*, preoccupied by *Bezzia gracilipes* (Winnertz), 1852). India.
mashonensis (Ingram and Macfie), 1923: 73 (*Bezzia*). Zimbabwe.
maya Spinelli and Wirth, 1986: 234. Belize.
mellipes Wirth and Ratanaworabhan, 1981b: 427. Thailand.
minutistyla (Tokunaga), 1939a: 293 (*Bezzia*). Japan.
nitens Liu, Yan and Liu, 1996: 48. China.
nzuari (Vattier and Adam), 1966b: 750 (*Probezzia*). Congo.

troglophila (Vattier and Adam), 1966b: 754 (*Nilobezzia*). Congo.
opaca (Loew), 1861: 312 (*Ceratopogon*). USA (District of Columbia).
incerta (Malloch), 1915a: 358 (*Probezzia*). USA (Illinois).
pajoti (Vattier and Adam), 1966b: 752 (*Probezzia*). Congo.
congolensis (Vattier and Adam), 1966b: 758 (*Nilobezzia*). Congo.
pistiae (Ingram and Macfie), 1921: 364 (*Probezzia*). Ghana.
probata (de Meillon), 1937b: 349 (*Bezzia*). South Africa.
rara Saha and Das Gupta, 2001: 250. India.
rubiginosa (Winnertz), 1852: 72 (*Ceratopogon*). Germany.
glyceriae (Kieffer), 1913a: 9 (*Bezzia*). Germany.
nitidiventris (Goetghebuer), 1923: 104 (*Probezzia*). Belgium.
radialis (Goetghebuer), 1936: 323 (*Bezzia*). Belgium.
sabroskyi Wirth and Grogan, 1982: 189. USA (Maryland).
seychelleana (Kieffer), 1911c: 350 (*Probezzia*). Seychelles.
spekei (Macfie), 1939a: 101 (*Nilobezzia*). Uganda.
stuckenbergi Haeselbarth, 1965a: 308. South Africa.
suavis Saha and Das Gupta, 2001: 251. India.
tenuiforceps (Clastrier), 1962a: 109 (*Bezzia*). Algeria.
tropica (Clastrier and Wirth), 1961a: 212 (*Nilobezzia*). Gambia.
vacunae (de Meillon), 1936: 180 (*Bezzia*). South Africa.
vulgaris Saha and Das Gupta, 2001: 251. India.
wirthi Szadziewski and Grogan, 1997: 259. Dominican Republic. Miocene.
zuluensis Haeselbarth, 1965a: 306. South Africa.

TRIBE STENOXENINI Coquillett, 1899: 61

Genus PARYPHOCONUS Enderlein

PARYPHOCONUS Enderlein, 1912: 57. Type species: *Paryphoconus angustipennis* Enderlein, by original designation.

aemulus Macfie, 1940b: 180. Guyana.
amapaensis Lane, 1961b: 450. Brazil.
angustipennis Enderlein, 1912: 57. Brazil.
anomalicornis Kieffer, 1917b: 333. Colombia and Paraguay.
apicalis Spinelli and Wirth, 1984b: 889. Ecuador.
barrettoi Lane, 1946a: 203. Brazil.
batesi Lane, 1961c: 455. Brazil.
brunneipennis Spinelli and Wirth, 1984b: 890. Brazil.
ecuadorensis Spinelli and Wirth, 1984b: 892. Ecuador.
enderleini Lane, 1956a: 301. Brazil.
fittkaui Spinelli and Wirth, 1984b: 892. Brazil.
flavidus (Johannsen), 1943: 761 (*Ceratobezzia*). Guyana.
lanei Wirth, 1959b: 236. Brazil.
flinti Spinelli and Wirth, 1984b: 894. Mexico.
fusciradialis Spinelli and Wirth, 1984b: 895. Brazil.
fuscus Lane, 1946a: 206. Brazil.
goianensis Lane, 1961c: 456. Brazil.
grandis Macfie, 1939d: 6. Brazil.
guianae Macfie, 1940b: 180. Guyana.
kiefferi Lane, 1956a: 302. Brazil.
latipennis Spinelli and Wirth, 1984b: 898. Colombia.
leei Spinelli and Wirth, 1984b: 898. Colombia.
macfiei Lane, 1946a: 203. Brazil.
maya Spinelli and Wirth, 1984b: 899. Belize.

mayeri Wirth, 1959b: 236. Brazil.
misionensis Spinelli, 1998: 52. Argentina.
neotropicalis (Lane), 1948: 229 (*Macropeza*). Brazil.
nigripes Macfie, 1939d: 8. Argentina.
nubifer Macfie, 1939d: 5. Brazil.
oliveirai Lane, 1956a: 303. Brazil.
paranaensis Spinelli and Wirth, 1984b: 902. Argentina.
paulistensis Lane, 1961c: 457. Brazil.
peruvianus Mauad and Spinelli, 2011: 487. Peru.
sonorensis Wirth and Ratanaworabhan, 1972c: 1374. Mexico.
steineri Spinelli and Wirth, 1984b: 905. Peru.
subflavus Macfie, 1940d: 23. Guyana.
 travassosi Lane, 1956a: 304. Brazil.
taragui Spinelli, 1998: 53. Argentina.
telmatophilus (Macfie), 1940a: 77 (*Bezzia*). Brazil.
terminalis (Coquillett), 1904a: 90 (*Ceratopogon*). Nicaragua.
unimaculatus Macfie, 1940b: 179. Guyana.
wirthi Lane, 1961c: 458. Brazil.
wygodzinskyi Lane, 1946a: 208. Brazil.

Genus **STENOXENUS** Coquillett

STENOXENUS Coquillett, 1899: 61. Type species: *Stenoxenus johnsoni* Coquillett, by monotypy.

aductus Dippolito and Spinelli, *in* Dippolito et al., 1995: 56. Brazil.
arcuatus Wirth and Ratanaworabhan, 1972c: 1379. Panama.
blantoni Wirth and Ratanaworabhan, 1972c: 1379. Panama.
brasiliensis Macfie, 1939c: 140. Brazil.
carrerai Lane, 1956a: 305 (as *carreirai*). Brazil.
coomani Séguy, 1931a: 210. Viet Nam.
 insigninervis Macfie, 1934c: 290. Malaysia.
dimorphus Kieffer, 1909a: 47. Peru.
excentricus Lane, 1961c: 453. Brazil.
fulvus Johannsen, 1927a: 70. Peru.
johnsoni Coquillett, 1899: 61. USA (New Jersey).
lanei Wirth and Ratanaworabhan, 1972c: 1381. Panama.
limpidus Wirth and Ratanaworabhan, 1972c: 1383. Costa Rica.
marginalis Wirth and Ratanaworabhan, 1972c: 1385. Panama.
niger Lane, 1948: 230. Brazil.
paraensis Lane, 1956a: 306. Brazil.
pastorianus Clastrier, 1982b: 293. Guinea.
pauliani Vattier and Adam, 1966b: 767. Congo.
pseudofulvus Spinelli, 1998: 54. Argentina.
setiger Macfie, 1939c: 138. Brazil.
stenopterus Wirth and Ratanaworabhan, 1972c: 1387. Philippines.
usutae de Meillon, 1959a: 355. South Africa.

Taxa Unplaced in Ceratopogonidae

Genus ALAUTUNMYIA Borkent

ALAUTUNMYIA Borkent, 1996: 11. Type species: *Alautunmyia elongata* Borkent, by original designation.

elongata Borkent, 1996: 13. USA (New Jersey). Upper Cretaceous.

Genus ARCHICULICOIDES Szadziewski

ARCHICULICOIDES Szadziewski, 1996: 29. Type species: *Archiculicoides schleei* Szadziewski, by original designation.

acraorum (Borkent), 2000a: 367 (*Protoculicoides*). Lebanon. Lower Cretaceous.

schleei Szadziewski, 1996: 29. Lebanon. Lower Cretaceous.

unus (Borkent), 2000a: 367 (*Protoculicoides*). Lebanon. Lower Cretaceous.

Genus PROTOCULICOIDES Boesel

PROTOCULICOIDES Boesel, 1937: 50. Type species: *Protoculicoides depressus* Boesel, by original designation.

burmiticus Szadziewski and Poinar, 2005: 352. Myanmar. Lower Cretaceous.

depressus Boesel, 1937: 51. Canada (Manitoba). Upper Cretaceous.

punctus Borkent, 2000a: 368. Lebanon. Lower Cretaceous.

skalskii Szadziewski and Arillo, 1998: 292. Spain. Lower Cretaceous.

succineus Szadziewski, 1996: 31. Lebanon. Lower Cretaceous.

Genus SINOPOGONITES Hong

SINOPOGONITES Hong, 2002a: 167 [2002b: 109]. Type species: *Sinopogonites eocenicus* Hong, by original designation.

eocenicus Hong, 2002a: 168 [2002b: 109]. China. Eocene.

Unplaced Genus of Forcipomyiinae

DIDYMOPHLEPS Weyenbergh, 1883: 108. Type species: *Didymophleps hortorum* Weyenbergh, by monotypy.

Unplaced Genera of Ceratopogoninae

NEOCULICOIDES Pierce, 1966: 93. Type species: *Neoculicoides jeanneae* Pierce, by original designation.

PARACULICOIDES Pierce, 1966: 94. Type species: *Paraculicoides rouseae* Pierce, by original designation.

Unplaced Genus of Heteromyiini + Sphaeromyiini + Palpomyiini + Stenoxenini

EOPALPOMYITIS Hong, Guo, and Ren, 2000: 226 (Hong, 2002: 165). Type species: *Palpomyia unca* Hong, by original designation.

Unplaced Species of Forcipomyiinae

Ceratopogon albipennis Meigen, 1818: 73. Germany.

Ceratopogon anomalus Macquart, 1826: 180. France.

Ceratopogon cantabricus Strobl, 1900: 169. Spain.

Ceratopogon annulatus Meigen, *in* Watl, 1835: 67. Germany.

Ceratopogon cypri Kieffer, 1918a: 86. Cyprus.

Ceratopogon koniae Kieffer, 1918a: 87. Turkey.

Ceratopogon leucopterus Meigen, 1804: 28. Germany.
Ceratopogon mediterraneus Kieffer, 1919a: 16. Greece.
Ceratopogon pallipes Meigen, 1818: 74. Germany.
Ceratopogon tristis Meigen, 1830: 263. Germany.
Didymophleps hortorum Weyenbergh, 1883: 110. Argentina.
Helea erronea Speiser, 1910: 741. France.

Unplaced Species of Ceratopogoninae

Ceratopogon escheri Giebel, 1856: 252. Baltic region. Eocene.
Ceratopogon kamus de Meillon, 1959a: 340. South Africa.
Johannsenomyia hotchkissae Pierce, 1966: 94. USA (California). Miocene.
Monohelea nigrita Goetghebuer, 1941: 288. Germany.
Neoculicoides jeanneae Pierce, 1966: 94. USA (California). Miocene.
Paraculicoides rouseae Pierce, 1966: 94. USA (California). Miocene.

Unplaced species of Heteromyiini + Sphaeromyiini + Palpomyiini + Stenoxenini

Ceratopogon apicalis Roser, 1840: 50. Europe.
Tipula goezii Schrank, 1803: 72. Germany.
Ceratopogon quadrimaculatus Strobl, 1906: 399. Spain.
Ceratopogon ruficornis Macquart, 1826: 178. France.
Ceratopogon succinotus Meigen, 1818: 85. Portugal.
Eopalpomyitis unca (Hong), 1981: 58 (*Palpomyia*). China. Eocene.

Unplaced Species of Ceratopogonidae

Cecidomyia pennicornis Zetterstedt, 1850: 3696. Sweden.
Ceratopogon claripennis Lynch Arribálzaga, 1893: 229. Argentina.
Ceratopogon crassipalpis Meunier, 1912: 365. Madagascar. Holocene?
Ceratopogon longicornis Waltl, 1837: 279. Germany.
Ceratopogon varipes Meigen, 1838: 18. Germany.
Ceratopogon madagascariensis Meunier, 1912: 365. Madagascar. Holocene?
Ceratopogon scutellatus Say, 1829: 150. USA (Indiana).
Ceratopogon tenuipes Meunier, 1912: 366. Madagascar. Holocene?
Ceratopogon barbipes Gimmerthal, 1846: 102. Latvia.
Ceratopogon nemorosus Meigen, 1804: 24. Germany.
Ceratopogon pusillus Holmgren, *in* Holmgren and Aurivillius, 1883: 182. Russia.
Ceratopogon univittatus Zetterstedt, 1838: 820. Sweden.
Ceratopogon viscatus Meunier, 1912: 364. Madagascar. Holocene?
Ceratopogon vittatus Wiedemann, 1817: 66. Germany.
Tipula subsultans Schrank, 1803: 77. Germany.

Species in Other Families Originally Considered to Be Ceratopogonidae

Ceratopogon blanchardi Iches, 1906: 266. Undetermined Chironomidae.
Ceratopogon humeralis Zetterstedt, 1838: 820. Junior synonym of *Cricotopus ephippium* (Zetterstedt). Chironomidae.
Ceratopogon imperfectus Skuse, 1889: 307. A valid species of *Pseudosmittia* Goetghebuer. Chironomidae.
Ceratopogon pusio Zetterstedt, 1850: 3647. Undetermined Chironomidae.
Ceratopogon validinervis Zetterstedt, 1850: 3645. Junior synonym of *Mycetobia pallipes* (Meigen). Anisopodidae.

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TABLE 1

Published sources listing type material of Ceratopogonidae in a museum or geographic area (many other museums have websites listing their type specimens)

Museum or Geographical Area	Author
British Museum (BMNH)	Townsend and Boorman (1990); Townsend unpublished ms
California Academy of Sciences (CASC)	Arnaud (1979)
Canadian National Collection (CNCI)	Cooper (1991)
University of Sao Paulo (DEFS)	Forattini et al. (1971)
Deutsches Entomologisches Institut (DEIC)	Blech and Rohlfien (1987)
Illinois Natural History Survey (INHS)	Webb (1980)
Musée Royal de l'Afrique Centrale, Belgium (MRAC)	Kremer et al. (1975)
Museo de La Palata, Argentina	Marino, et al., 2002
South African Institute for Medical Research (SAMR)	Segerman (1995)
Snow Entomological Museum (Kansas) (SEMC)	Byers et al. (1962)
Zoological Institute, St. Petersburg (ZMAS)	Glukhova and Brodskaya (1995)
Australasian Region	Debenham (1979)
Philippines	Delfinado and Hardy (1971)

TABLE 2

Location of type material described by most ceratopogonid systematists. Museums listed hold most or all of the type specimens designated by a given author although many authors have described scattered species held by museums not listed here. All authors who have coauthored with Wirth or Yu have deposited all or most of their material in the depositories given below under these two authors and they are not listed separately.

Author	Museum
Adams	SEMC
Amossova	ZMAS
Arnaud	CASC; USNM
Atchley	USNM
Austen	BMNH
Barbosa	USNM
Beck	USNM
Becker	ZMHB
Boesel	PMNH; ROME
Boorman	BMNH
Borkent	CNCI, USNM, INBC
Brèthes	MNHN; MACN
Browne	USNM
Bujanova	ZMAS
Callot	IPSF
Carter	BMNH
Causey	USNM
Cavaliere	INMA?
Chan	LEMQ; CNCI; USNM
Chaudhuri	ELBU
Chen	NIPM
Chu	DPSC
Clastrier	MNHN
Cochrane	USNM
Coquillett	USNM
Cornet	IPSF; ORST
Das Gupta	NZSI
Debenham	ANIC ¹
Delécolle	MZSF
Delfinado	USNM; FMNH
de Meijere	ZMAN
de Meillon	SAMR; NMSA; USNM
Dessart	MRAC
Dow	USNM; CNCI
Downes	CNCI
Dzhafarov	ZMAS
Edwards	BMNH
Enderlein	ZMHB
Ewen	CNCI
Fabricius	ZMUC
Felippe-Bauer	FIOC
Floch	IPCG
Foote	USNM
Forattini	MZSP
Fox	EPRL

Garrett	CNCI
Giles	USNM
Gimmerthal	SZRL
Glick	USNM
Glukhova	ZMAS
Goeldi	BMNH
Goetghebuer	ISNB; MRAC
Gornostaeva	ZMAS
Grogan	USNM; CNCI
Gutsevich	ZMAS
Haeselbarth	SAMR; USNM
Hardy	BPBM
Havelka	PEHC
Heyden	BMNH
Hoffman	NYSM; USNM
Hogue	LACM
Howarth	BPBM
Hubert	USNM
Huttel	FMMF
Ingram	BMNH
Jamnback	NYSM
Johannsen	CUIC
Jones	USNM
Kalugina	PIAM
Kettle	BMNH
Khalaf	SMSH; BMNH
Khamala	BMNH
Kieffer	HNHM; DEIC; BMNH; MNHN; ² ; ZMSC (Thienemann material)
Kitaoka	NSMT
Knab	USNM
Knausenberger	USNM
Kremer	MNHN
Krivosheina	IEME
Lane, J.	DEFS; BMNH
Lane, R. P.	BMNH
Lee, D. J.	ANIC; SPUS
Lee, T-S.	IZAS
Lewis	USNM
Lien	NIPM
Linnaeus	contact BMNH; NHRS
Loew	MCZC; IMGP; ZMHB
Lutz	FIOC; BMNH (see discussion by Belkin et al., 1971)
Macfie	BMNH, DEIC
Macquart	MNHN
Malloch	INHS; SEMC
Mayer	DEIC; PEHC
McDonald	NIPM
Meigen	MNHN
Meiswinkel	VRIO
Meunier	IMGP
Mirzaeva	BIAR; ZMAS
Molotova	ZMAS
Navai	IPHT; USNM
Neveu	MNHN; personal collection

Nielsen	ZMUC
Ortiz	EPRL
Pappas	USNM
Petrunkevitch	ZMUC
Philippi	MEUC
Pierce	LACM
Remm	IZBE
Roback	ANSP
Root	USNM
Rondani	MZRF
Ronderos	MLPA
Sahuquillo	CSHC
Santos Abreu	MABC
Saunders	CNCI; USNM
Séguy	MNHN
Sen	NZSI
Shannon	INMA
Shevchenko	ZMAS
Skuse	ANIC
Smatov	ZMAS
Smee	SPUS
Spinelli	MLPA; USNM
Staeger	ZMUC
Statz	LACM
Strobl	ZMHB
Storå	UZMH
Szadziewski	RYSC; MZWP
Thomsen	CUIC
Tokunaga	BPBM; ELKU; USNM; CASC
Tonnoir	NZAC
Townsend	SEMC
Vargas	IDRE
Vimmer	NMPC
Wada	NSMT
Walker	BMNH
Wiedemann	NHMW; ZMUC
Williams	USNM
Williston	SEMC; BMNH
Winnertz	NHMW; SMFD; ZMHB; MZLU; some in Oxford
Wirth (and coauthors)	USNM; CASC; CNCI; BMNH; ^{3,4}
Yu (and coauthors)	IMBC
Zetterstedt	MZLU

1 Specimens originally recorded as deposited in SPHTM now in ANIC

2 Many destroyed or lost

3 Scattered specimens in many other museums.

4 See Arnaud and Arnaud, 1997 for detailed list.