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A SYNOPTIC CATALOG OF THE MOSQUITOES OF THE WORLD,
SUPPLEMENT III
(DIPTERA: CULICIDAE)¹

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This paper is the third supplement to the *Synoptic Catalog of the Mosquitoes of the World* by Stone, Knight, and Starcke (1959), the second supplement having appeared in Vol. 65 (1963), No. 2, pp. 117-140 of the *Proceedings*. The introductory remarks as to format and coverage in Supplement II apply to this supplement also. One new name of the genus-group and 104 new names of the species group are listed. I am particularly indebted to T. H. G. Aitken, M. Delfinado, B. de Meillon, J. C. Hitchcock, Jr., C. L. Hogue, Z. Liepa, J. P. Macnamara, P. F. Mattingly, J. A. Reid, J. E. Scanlon, H. Sollers-Riedel, and T. J. Zavortink for pertinent information.

Introduction

Page

1. With the additions in this supplement and taxonomic changes, the number of valid genera and subgenera stands at 119, the number of valid species becomes 2,680, and the total number of names of the species-group 4,319.

Systematic Arrangement

6. The genus *Mansonia* (see p. 101) has been restricted to the two subgenera *Mansonia* and *Mansonioides*, and *Coquillettidia* raised to generic rank with *Rhynchoetaenia* as a subgenus of it. *Kompia* has been restored to subgeneric status in the genus *Aedes*.

Catalog of the Family Culicidae

9. **Taxonomic Anatomy.**—1963b, Reid, 32-38 (pupal trumpet).
General Taxonomy.—1966, Dodge, 337-393 (1st stage larvae).
Australasian Region.—1966, Steffan, 179-237 (checklist, Papuan subregion).
Nearctic Region.—1963, Dodge, 796-813 (larvae; eastern North America).
Neotropical Region.—1961, Fauran, 2-60 (catalog, French Guiana); 1962, García and Ronderos, 105-212 (Anophelini, Argentina).
Oriental Region.—1966, Delfinado, 1-252 (Culicini, Philippines).

¹ Reprints are for sale by the Thomas Say Foundation, Entomological Society of America, 4603 Calvert Road, College Park, Maryland 20740.

Genus BIRONELLA Theobald
Subgenus BIRONELLA Theobald

10. **bironelli** (Christophers).—Transfer to p. 11 as synonym of *gracilis* Theobald.
gracilis Theobald.—Transfer to p. 11 as valid name.
11. **confusa** Bonne-Wepster.—Slooff, 1963, 138 (♂*, ♀, P*, L*);
gracilis (Theobald).—I.C.Z.N., 1965, 164 (Validation under Plenary Powers).
bironelli (Christophers), *ibid.* (Placed on list of rejected and invalid specific names).

Genus ANOPHELES Meigen

Important references: 1962, Service, 120-158 (W. Africa, keys); 1963, Quy, 26-34 (keys, Vietnam); 1963, various authors *in* Russell, West, Manwell, and MacDonald, 641-701 (keys).

Subgenus ANOPHELES Meigen

13. *Important reference:* 1965, Reid, 106-125 (key, *aitkenii* group).
acaci Baisas.—Philippines, Borneo. Reid, 1965, 115 (L*; syn.).
borneensis McArthur.
aitkenii James.—Philippines. Reid, 1965, 107 (♂*, ♀, P, L*, E; syn.).
pallida Ludlow.
fragilis Theobald.—Transfer to p. 18 as valid species.
ssp. **treacherii** Leicester.—Transfer to p. 18 as synonym of *fragilis* Theobald.
ssp. **bengalensis** Puri.—Change volume number from 18 to 17; transfer to p. 16 as valid species.
14. *pallida* Ludlow.—Transfer to p. 13 as synonym of *aitkenii* s. str.
var. **borneensis** MacArthur.—Transfer to p. 13 as synonym of *acaci* Baisas.
ssp. **stantoni** Puri.—Transfer to p. 18 as synonym of *fragilis* Theobald; change BM to NE.
var. **djajasanensis** (Brug).—Change to *djajasanensis* (Brug). See Reid reference under ssp. *interruptus* (syn.).
ssp. **interruptus** Puri.—Malaya. Reid, 1963a, 111 (taxonomy); change ssp. to var.
annulipalpis Lynch Arribálzaga.—García and Casal, 1964 (1965). *Rev. Soc. ent. Argentina* 27: 5 (P*).
15. **asiaticus** (Leicester).—Delete parentheses; insert as original citation "1903, J. trop. Med. 6: 291 (A); delete *Lophoscelomyia*.
16. **bengalensis** Puri.—Pakistan (Bengal), India (Assam), Burma, Thailand, Indo China, Philippines, S. China, Taiwan. Reid, 1965, 113 (♂*, ♀, P*, L*; to sp. status).
brevipalpus Roper.—Change "Moluccas" to "Bangka Island."
petragnani Del Vecchio.—Transfer to p. 25 as valid species; insert "; as var." after "E*,"
missiroli Del Vecchio.—Insert "; as var." after "E*".
17. **collessi** Reid.—Malaya, Borneo.
1963a. *Ann. trop. Med. Parasit.* 57: 103 (♂*, ♀*, P, L*, E*).
Type-loc: Ulu Gombak near Kuala Lumpur, Selangor, Malaya (BM).
var. **ziemanni** Grünberg.—Insert "; as sp." after "♀."

18. **fragilis** Theobald.—Malaya, Indonesia e. to Celebes and Borneo, Philippines. Reid, 1965, 109 (♂*, ♀, P*, L*; syn.).
treacherii Leicester.
stantoni Puri.
19. var. **formosus** Ludlow.—Insert “; as sp.” after “♀.”
var. **simlensis** (James).—Insert “; as sp.” after “*Patagiamyia*.”
var. **oedjalikalahensis** Nainggolan.—Change to **oedjalikalah**; insert in Bonne-Wepster and Swellengrebel after “L*,” “; as *oedjalikalahensis*.”
var. **udjalikalah** Waktoedi.—Delete, merely a variant spelling of above.
20. **insulaeforum** (Swellengrebel and Swellengrebel de Graaf).—Burma, Thailand, Taiwan. Delete “? Japan, ? New Guinea, ? Australia.” Reid, 1965, 119 (♂*, ♀, P*, L*).
21. **lesteri** Baisas and Hu.—Japan, China.
letifer Sandosham.—Thailand.
22. ssp. **japonicus** Yamada.—Insert “; as sp.” after “♀*” in first line.
24. **noniae** Reid.—Malaya.
1963a. Ann. trop. Med. Parasit. 57: 108 (♂, ♀*, P*, L*). Type-loc: Ulu Langat, Selangor, Malaya (BM).
pursati Laveran.—Transfer to p. 27 as valid sp.
palmaris Rodenwaldt.—Delete “?” before Malaya. Reid, 1965, 117 (L*).
25. **petragnani** Del Vecchio.—Mediterranean Region. Coluzzi, 1962, 1025 (resurrected from synonymy).
26. ssp. **franciscanus** McCracken.—Change “SU” to “LACM”.
willardi Vargas.—Delete “Ciudad Juárez.”
27. *stonei* Vargas.—Insert “and USNM” after “ISET.”
annulimanus Van der Wulp.—Change “North America” to “Wisconsin.”
pursati Laveran.—Indochina, Thailand, Malaya. Reid, 1963a, 98 (♂*, ♀*, P*, L*; resurrected from synonymy).
28. **roperi** Reid.—Assam.
29. **sintonoides** Ho.—Malaya, Thailand.
stricklandi Reid.—Malaya.
1965. Ann. trop. Med. Parasit. 59: 121 (♂*, ♀, P*, L*). Type-loc: Johore, Malaya (BM).
tasmaniensis Dobrotworsky.—Tasmania, Australia.
1966. Proc. Linn. Soc. N.S.W. 91: 130 (♂*, ♀*, P*, L*, E*). Type-loc: Birrallee, Tasmania (CSIR).
tibiamaculatus (Neiva).—Argentina.
tigerti Scanlon and Peyton.—Thailand.
1967. Proc. ent. Soc. Wash. 69: 19 (♂*, ♀, P*, L*). Type-loc: Ban Bu Phram, Prachinburi Province, Thailand (USNM).
30. **whartoni** Reid.—Malaya.
1963a. Ann. trop. Med. Parasit. 57: 106 (♂, ♀*, P, L, E). Type-loc: Singgora, Maran, Pahang, Malaya (BM).

Subgenus NYSSORHYNCHUS Blanchard

- albitarsis** Lynch Arribálzaga.—García and Casal, 1964 (1965). Rev. Soc. ent. Argentina 27: 6 (P*).

Subgenus **KERTESZIA** Theobald

35. **bambusicolus** Komp.—Change to **bambusicola**.
 36. *hylephilus* Dyar and Knab.—Delete “Manoa, Orinoco River, Venezuela; Guayaquil, Ecuador and.” Belkin, Schick and Heine-
 mann, 1965, 44 (lectotype).

Subgenus **CELLIA** Theobald

38. **apoci** Marsh.—Arab, 1963, 73 (P*).
 39. **brohier** Edwards.—Transfer, with synonym, to p. 44 as variety of
hancocki Edwards.
 40. **cavernicolus** Abonnenc.—Change to **cavernicola**.
 41. **cydippis** De Meillon.—Lips, 1962, 108 (to sp. status).
punjabensis James.—Insert “; as var.” after “*Myzomyia*.”
melanocosta Newstead and Carter.—Insert “; as var.” after *Pyreto-*
phorus.
domicolus Edwards.—Change to **domicola**; transfer to p. 46 as
 variety of *longipalpis* (Theobald).
wardi Leeson and Theodor.—Insert “; as var.” after “L*.”
 42. **errabundus** (Swellengrebel).—Transfer to p. 32 as synonym of
darlingi Root. Reid and Bonne-Wepster, 1966, 190 (sup-
 pression proposed).
 43. *subumbrosa* Theobald.—Change to *subumbrosus*, delete *Myzomyia*,
 and change reference to Mem. Lpool Sch. trop. Med. 10
 (App.): 4.
gambiae Giles.—Coluzzi, 1964, 197-232 (taxonomy).
merus Dönitz.—Transfer to p. 48 as valid species.
litoralis Halcrow.—Transfer to p. 48 as synonym of *merus* Dönitz.
 44. var. **melas** (Theobald).—Delete *Pyretophorus* and parentheses around
 Theobald. Change reference to Mem. Lpool Sch. trop.
 Med. 10(App.): 2. Place Bathurst in []. Transfer to p.
 48 as valid species.
grenieri Grjebine.—Madagascar.
 1964. Bull. Soc. Path. exot. 57: 38 (L*). Type-loc: Ampandro-
 atraka, Anosibé Distr., Madagascar (IRSM).
hancocki Edwards.
 var. **brohier** Edwards.—Adam, Hamon, Rickenbach and Lips,
 1956, 756 (to var. status).
 45. **indefinitus** (Ludlow).—Malaya, Philippines, Indochina, China, Tai-
 wan, Mariana Islands. Reid, 1966, 327 (to sp. status;
 syn.).
malayensis Hacker.
jamesii Theobald.—Malaya.
 46. **longipalpis** (Theobald).
 var. **domicola** Edwards.—Adam, Bruce-Chwatt, and Hamon,
 1956, 107 (to var. status).
 47. ssp. **willmori** (James).—Change to **willmorei**, here emended.
 48. var. **pitchfordi** (Giles).—Insert “; as ssp.” after “*Pyretophorus*.”
melas (Theobald).—Coluzzi, 1964, 275 (to sp. status).
merus Dönitz.—Coluzzi, 1964, 225 (to sp. status; syn.).
litoralis Halcrow.
tangensis Kuhlman, 1962, Ztschr. f. Tropenmed. u. Parasit. 13: 448
 (♂, ♀). Type-loc: Tanga, Tanganyika (BNI).
 49. ssp. **flavirostris** (Ludlow).—Delete “f.” after “*Myzomyia*” and insert
 “; as sp.”

52. ssp. **rupicolus** Lewis.—Change to **rupicola**.
 55. var. **indefinitus** (Ludlow).—Transfer to p. 45 as valid species with
 var. *malayensis* Hacker as synonym.
 var. **cydippis** De Meillon.—Transfer with synonym to p. 41 as valid
 species.
 subpictus Grassi.
 var. **vadakadiensis** Doraisamy.—India.
 1963. Bull. Ent. (Madras) 4: 42 (L*). Type-loc: Near
 Vadakadu, Rameswaram Island, Madras, India (MSI).
 56. **swahilius** Gillies.—Kenya, Tanzania.
 1964. Proc. R. ent. Soc. Lond. (B) 33: 67 (♂*, ♀*, P, L*).
 Type-loc: Goshi, Molindi Distr., Kenya (BM).
 var. **orientalis** Swellengrebel and Swellengrebel de Graaf.—Insert
 “*Neomyzomyia*” before “*punctulata*.”
 57. **theobaldi** Giles.—Change original reference to “1901. Ent. mon. Mag.
 37: 198.”
 58. **varuna** Iyengar.—Change IM to LU.

Genus TOXORHYNCHITES Theobald

59. *Important reference*: 1962, Lima, Guitton, and Ferreira, 225-252
 (*Ankylorhynchus* and *Lynchiella*, revision, key).

Subgenus ANKYLORHYNCHUS Lutz

- catharinensis** (Lima, Guitton, and Ferreira).—Brazil.
 1962. Mem. Inst. Osw. Cruz 60: 230 (♂*, ♀, P*, L*; *Ankylo-*
rhynchus). Type-loc: Not given, but probably Santa Catarina,
 Brazil (IOC).

Subgenus LYNCHIELLA Lahille

- bambusicolus** (Lutz and Neiva).—Change to **bambusicola**.
 mara Anduze.—Lima, Guitton, and Ferreira 1962, 243 (syn. sug-
 gested).
 guianensis Bonne-Wepster and Bonne.—Insert “; as ssp.” after “*Mega-*
 rhinus.”
 60. ssp. **septentrionalis** (Dyar and Knab).—Dodge, 1964, 46-53 (L*).
 61. *mara* Anduze.—Transfer to p. 59 as synonym of *bambusicola*.

Subgenus TOXORHYNCHITES Theobald

62. **aurifluus** (Edwards).—Lien, 1965, 9 (♂*, ♀*, P*, L*).
 ssp. **conradti** Grünberg.—Corbet, 1963, 9 (L*, P*, E).
 63. **kaimosi** (Somerén).—Corbet, 1963, 11 (P*).
 64. **manicatus** (Edwards).—Lien, 1965, 2 (♂*, ♀*, P*, L*).

Genus TRIPTEROIDES Giles

65. *Important reference*: 1963b, Peters, 89-100 (New Guinea, key P).

Subgenus TRIPTEROIDES Giles

68. **elegans** Brug.—Peters, 1963b, 89 (P*, L*).
 lorengau Peters.—New Guinea.
 1963. Proc. R. ent. Soc. Lond. (B) 32: 67 (♂*, ♀, P*, L*).
 Type-loc: Lorengau River, Manus Island, New Guinea (CSIR).

69. **nissanensis** Lee.—Peters, 1963a, 70 (P*).
novohanoverae Peters.—New Guinea.
 1963. Proc. R. ent. Soc. Lond. (B) 32: 63 (♂*, ♀, P*, L*).
 Type-loc: Noipuas, New Hanover, New Guinea (CSIR).
 71. **szechwanensis** Hsu.—China.
 1964. Acta ent. Sinica 13: 298 (♂*, L*). Type-loc: Chengtu, Szechwan, China (SMC).

Subgenus RACHIONOTOMYIA Theobald

72. **marksae** Dobrotworsky.—Australia.
 1965. Mosq. of Victoria :58 (♂*, ♀, L*). Type-loc: Cabbage Tree Creek, Victoria, Australia (NMM).
perplexus Peters.—New Guinea.
 1963. Proc. R. ent. Soc. Lond. (B) 32: 91 (♀, P*). Type-loc: Maprik, Sepik District, New Guinea (CSIR).

Genus TRICHOPROSOPON Theobald Subgenus TRICHOPROSOPON Theobald

73. var. **mogilasium** (Dyar and Knab).—Insert “; as sp.” after “*Joblotia*.”
 74-77. Running Heads. Change “TRICHOPOSOPON” to “TRICHO-PROSOPON.”

Subgenus SHANNONIANA Lane and Cerqueira

74. **fluviatilis** (Theobald).—Change to **fluviatile**.

Subgenus RUNCHOMYIA Theobald

76. **cotopaxensis** Levi Castillo.—Change to **cotopaxense**.
edwardsianum Lane and Cerqueira.—Cerqueira, 1961, 460 (♂*, ♀, P*, L*).
 77. **lunatum** (Theobald).—Delete “Argentina.”
paranensis Brèthes.—Argentina. García and Casal, 1965, 14 (♂*, resurrected from syn.); place after *pallidiventer*.

Genus WYEOMYIA Theobald Subgenus WYEOMYIA Theobald

79. **culebrae** Dyar.—Change “1926” to “1923.”
 80. **labesba** Howard, Dyar and Knab.—Change “Ancon” to “Tabernilla.”

Subgenus DENDROMYIA Theobald

84. **belkini** Casal and García.—Argentina.
 1966. Physis 26: 155 (♂*, ♀*, L*, P*). Type-loc: Igu, Misiones, Argentina (INM).

Genus PHONIOMYIA Theobald

89. **lassalli** (Bonne-Wepster and Bonne).—Change “LU” to “USNM.”
 Lectotype here selected bears labels: Trinidad, W.I./F.W. Urich Collector/ B12-6/ See slide No. 364/ ♂ of *trinidadensis* D. K. ident. 1906; terminalia on slide 364.

Genus LIMATUS Theobald

90. *Simondella*.—Change “Lavaran” to “Laveran.”

Genus SABETHES Robineau-Desvoidy
Subgenus SABETHES Robineau-Desvoidy

91. *kappleri* Bonne.—Change “LU” to “NE.”

Subgenus SABETHOIDES Theobald

93. *rangeli* Surcouf and Gonzales-Rincones.—Change “Sabethoides” to “*Sabethoides*.”

Genus TOPOMYIA Leicester

95. *aureoventer* Theobald.—Change “BM” to “IM”; only slide of wing and leg in BM.

Genus FICALBIA Theobald

Subgenus RAVENALITES Doucet

100. *deguzmanae* Mattingly.—Delfinado, 1966, 20 (♂*, ♀, P*, L*).

Genus MANSONIA Blanchard

101. **Genus MANSONIA Blanchard**.—Transfer with following line to p. 104 preceding **Subgenus MANSONIOIDES**.

Genus COQUILLETIDIA Dyar

Insert **Genus COQUILLETIDIA** before **Subgenus COQUILLETIDIA**.

Important references: 1962, Wharton, 1-114 (Malaya); 1962 (1963), Ronderos and Bachmann, 48-51 (to generic status).

Subgenus COQUILLETIDIA Dyar

102. *crassipes* (Van der Wulp).—Wharton, 1962, 6 (♂*, ♀, P*, L*, E).
giblini (Taylor).—Delete “Australia, Philippines, Formosa, Malaya, Thailand, Burma.”
nigrosignatus Edwards.—Transfer to p. 103 as valid sp.
hodgkini (Wharton).—Malaya, Indonesia.
 1962. Inst. med. Res. Malaya, Bull. 11: 12 (♂*, ♀*; *Mansonia*).
 Type-loc: Lamir (Pekan), Pahang, Malaya (BM).
 103. *nigrosignata* (Edwards).—Malaya, Indonesia, Philippines. Wharton, 1962, 7 (♂*, ♀*, L*, E; resurrected from synonymy).
testaceus Van der Wulp.—Delete “[?] United States.”
 104. *samoensis* Stone.—Samoa.
 1966. Proc. ent. Soc. Wash. 68: 331 (♂*, ♀). Type-loc: Tabalogi Ridge, Tau Island, Manua Group, Eastern Samoa (USNM).

Subgenus RHYNCHOTAENIA Brèthes

Insert **Subgenus RHYNCHOTAENIA**, its synonym, and all its species to follow species of **Subgenus COQUILLETIDIA**.

Genus MANSONIA Blanchard

Insert **Genus MANSONIA Blanchard**. *Important references:* 1962, Wharton, 1-114 (Malaya); 1962 (1963), Ronderos and Bachmann, 46-48.

Subgenus MANSONIOIDES Theobald

105. **annulata** Leicester.—Celebes. Wharton, 1962, 15 (♂*, ♀*, P*, L*, E).
annulifera (Theobald).—Delfinado, 1966, 23 (♂*, ♀*).
bonneae Edwards.—Wharton, 1962, 17 (♂*, ♀*, P*, L*, E).
dives (Schiner).—Wharton, 1962, 20 (♂*, ♀*, P*, L*, E).
papuensis (Taylor).—Change "201" to "200" and "*Melanoconion*" to "*Taeniorhynchus*."

Subgenus MANSONIA Blanchard

106. *Important reference:* 1963, Ronderos and Bachmann, 57-65 (keys).
pseudotitillans (Theobald).—Ronderos and Bachmann, 1963, 61 (♂*, ♀*, P*, L*).
titillans (Walker).—Ronderos and Bachmann, 1963, 61 (♂*, P*, L*, E*).
 107. Transfer **Subgenus RHYNCHOTAENIA**, its synonyms, and all its species to p. 104 as subgenus of **COQUILLETIDIA**.

Subgenus Uncertain

108. **aurata** Dobrotworsky.—Australia.
 1962. Proc. Linn. Soc. N.S.W. 87: 295 (♀*). Type-loc: Cabbage Tree Creek, Victoria, Australia (NMM).
variegata Dobrotworsky.—Australia.
 1962. Proc. Linn. Soc. N.S.W. 87: 293 (♂*, ♀*). Type-loc: Cann River, Victoria, Australia (NMM).

Genus URANOTAENIA Lynch Arribálzaga

- albescens** Taylor.—Peters, 1964, 27 (A, P*, L). Delete Penn 1949b reference.
 109. **albosternopleura** Peters.—New Guinea.
 1963. Proc. R. ent. Soc. Lond. (B) 32: 203 (♂, ♀*). Type-loc: Maprik, Sepik Distr., New Guinea (CSIR).
amiensis Peters.—New Guinea, Papua.
 1963. Proc. R. ent. Soc. Lond. (B) 32: 207 (♂*, ♀*). Type-loc: Ami, 10 miles nw. of Maprik, Sepik Distr., New Guinea (CSIR).
annandalei Barraud.—Philippines. Delfinado, 1966, 39 (♂*, ♀, P*, L*).
arguellesi Baisas.—Delfinado, 1966, 40 (♂*, ♀, P*, L*).
argyrotarsis Leicester.—Peters, 1964, 25 (♂*, ♀, P, L).
 110. **benoiti** Wolfs.—Congo.
 1964, in Benoit, Mus. Roy. Afr. Centr. Ann., Sci. Zool. 132: 309 (L*). Type-loc: Mwendua River, Kasongo, Congo (CMT).
bertii Cova García and Rausseo.—Venezuela.
 1964. Rev. Sanid. Asist. soc. 29: 221 (♂*, ♀, P*, L*). Type-loc: Cumbre de Choroni, Aragua, Venezuela (DERM).
bimaculata Leicester.—Delete Philippines.
 111. **cavernicola** Mattingly.—Vattier and Adam, 1962 (1963), 911 (♂*, P*, L*).
 112. **clara** Dyar and Shannon.—Delfinado, 1966, 42 (♂*, P*, L*).
 113. **hirsutifemora** Peters.—Papua.
 1964. Proc. Roy. ent. Soc. Lond. (B) 33: 21 (♂*, ♀*). Type-loc: Port Moresby, Central District, Papua (CSIR).

115. **ludlowae** Dyar and Shannon.—Delfinado, 1966, 47 (♂, ♀, L; syn.).
reyi Baisas.
maculipleura Leicester.—Wattal and Kalra, 1965, 312 (♂*).
- mendiolai** Baisas.—Delfinado, 1966, 48 (♂*, ♀, P*, L*).
116. **moresbyensis** Peters.—Papua.
 1963. Proc. R. ent. Soc. Lond. (B) 32: 204 (♂*). Type-loc:
 Port Moresby, Central Distr., Papua (CSIR).
nivea Leicester.—Delfinado, 1966, 50 (♂*, ♀, L*).
117. **novaguinensis** Peters.—New Guinea.
 1963. Proc. R. ent. Soc. Lond. (B) 32: 141 (♂*, ♀, P*, L). Type-
 loc: Ami, 10 miles nw. of Maprik, Sepik District, New Guinea
 (CSIR).
 ssp. **alticola** Peters.—New Guinea.
 1963. Proc. R. ent. Soc. Lond. (B) 32: 142 (♂, ♀). Type-
 loc: Goroka, Eastern Highlands District, New Guinea
 (CSIR).
obscura Edwards.—Third line, change “Edwards, 1928” to “Edwards
 and Given, 1928.”
118. **paralateralis** Peters.—New Guinea.
 1964. Proc. R. ent. Soc. Lond. (B) 33: 19 (♂*, ♀). Type-loc:
 Kavieng, New Ireland District, New Guinea (CSIR).
paranovaguinensis Peters.—New Guinea.
 1963. Proc. R. ent. Soc. Lond. (B) 32: 135 (♂*, P*, L*). Type-
 loc: Maprik, Sepik District, New Guinea (CSIR).
philippinensis Delfinado.—Philippines.
 1966. J. med. Ent. 3: 36 (♂*, ♀, P*, L*). Type-loc: San Jose,
 Mindoro, Philippines (USNM).
reyi Baisas.—Transfer to p. 115 as synonym of *ludlowae* Dyar and
 Shannon.
rossi Delfinado.—Philippines.
 1966. J. med. Ent. 3: 36 (♂*, ♀). Type-loc: San Jose, Mindoro,
 Philippines (USNM).
119. **testacea** Theobald.—Delfinado, 1966, 53 (♂*, ♀, P*, L*).
120. **tubanguii** Baisas.—Delfinado, 1966, 55 (♂*, ♀, P*, L*).

Genus HODGESIA Theobald

121. **malayi** Leicester.—Delfinado, 1966, 58 (♂*, P*, L*).

Genus ORTHOPODOMYIA Theobald

122. *Thomasina* Newstead and Carter.—Change “Newstead and Carter” to
 “Newstead and Thomas” after *Mansonia longipalpis*.
nigritarsis Leicester.—Change “(NE)” to “(BM).”
123. *albipes* Giles.—Delete entirely. Giles was not treating a Philippine
 species.
nkolbissonensis Rickenbach and Hamon.—Cameroon.
 1966 (1965). Bull. Soc. Path. exot. 58: 1112 (♂*, ♀*). Type-
 loc: Nkolbisson, 8 km from Yaounde, S. Cameroon (IERT).

Genus AEDEOMYIA Theobald

124. **catastieta** Knab.—Delfinado, 1966, 72 (♂, ♀, P*, L*).

Genus PSOROPHORA Robineau-Desvoidy
Subgenus PSOROPHORA Robineau-Desvoidy

125. **ciliata** (Fabricius).—Delete West Indies. Guedes et al., 1965, 15 (δ^* , φ^*).
cilipes (Fabricius).—Guedes et al., 1965, 15, 16 (δ^* , φ^*).
 126. **holmbergii** (Lynch Arribáizaga).—Guedes et al., 1965, 16 (φ^*).
lineata (Humboldt).—Delete Argentina, French Guiana, Brazil, Bolivia.
saeva Dyar and Knab.—Transfer below as valid species with *genu-maculata* as synonym.
pallescent Edwards.—Guedes et al., 1965, 18 (φ^*).
saeva Dyar and Knab.—Argentina, Brazil, Surinam, Trinidad, Venezuela, ?Bolivia, ?French Guiana. Stone, 1967 (in press) (resurrected from synonymy).

Subgenus JANTHINOSOMA Lynch Arribáizaga

Important reference: 1964, Guedes and Souza, 471-486 (key).

- albigena** Peryassú.—Argentina, Bolivia, Brazil, Paraguay, Peru, Venezuela (northern limits of distribution uncertain). Guedes and Souza, 1964, 474 (δ^* , φ^* , P*, L*; resurrected from synonymy).
paraguayensis Strickland.
bruchii Petrocchi.
albipes (Theobald).—Guedes and Souza, 1964, 476 (δ^* , P*, L*).
 127. **circumflava** Cerqueira.—Peru. Guedes et al., 1965, 18 (P*).
cyanescens (Coquillett).—Guedes et al., 1965, 18 (δ^* , φ^*).
discrucians (Walker).—Guedes et al., 1965, 19 (δ^* , φ^*).
ferox (Humboldt).—Guedes et al., 1965, 19 (δ^* , φ^*).
pazosi Pazos.—Insert before "Cuba," "Vuelta Abajo (Las Villas)."
 128. **fiebrigi** Edwards.—Paraguay, Bolivia. Souza and Guedes, 1962, 249 (δ^* , φ^* ; resurrected from synonymy).
forceps Cerqueira.—Guedes et al., 1965, 20 (δ^* , φ^*).
lanei Shannon and Cerqueira.—Guedes et al., 1965, 18 (φ^*).
lutzii (Theobald).—Change "*Janthinosoma*" to "*Janhtinosoma*." Guedes et al., 1965, 21 (δ^* , φ^*).
varipes (Coquillett).—Distribution and identity uncertain. Possibly Central American *varipes* is different from that in United States; most South American "*varipes*" is *albigena*.
 129. *albigena* Peryassú.—Transfer to p. 128 as valid species with *paraguayensis* and *bruchii* as synonyms.

Subgenus GRABHAMIA Theobald

- cingulata** (Fabricius).—Guedes et al., 1965, 21, 22 (δ^* , φ^*).
neoapicalis Theobald.—Insert "; *Culex*" at end of second line, within parenthesis.
confinnis (Lynch Arribáizaga).—Guedes et al., 1965, 23 (δ^* , φ^*).
 130. **dimidiata** Cerqueira.—Guedes et al., 1965, 23 (δ^* , φ^*).
discolor (Coquillett).—Change date from "1930" to "1903."
paulli Paterson and Shannon.—Guedes et al., 1965, 18 (φ^*).
 131. **varinervis** Edwards.—Guedes et al., 1965, 24 (δ^* , φ^*).

Genus ERETMAPODITES Theobald

135. **tonsus** Edwards.—Somerén and Hamon, 1964, 82-84 (P*, L*)

Genus Aedes Meigen
Subgenus OCHLEROTATUS Lynch Arribálzaga

137. *Aedes*, subgenus *Kompia* Aitken.—Transfer to p. 157 before **Subgenus FINLAYA** as valid subgenus.
138. **albifasciatus** (Macquart).—Ronderos and García 1962 (1963)a, 35 (P*).
- angustivittatus** Dyar and Knab.—Ronderos and García, 1962 (1963)a, 37 (P*).
- meprai* Martínez and Prosen.—Ronderos and García, 1962 (1963)b, 38 (syn.).
- antipodeus** (Edwards).—Marks and Nye, 1963, 50 (♂*, ♀, P*, L*).
139. *praeteritus* Segúy.—Transfer to p. 150 as synonym of *pulchritarsis*.
141. *africanus* Neveu-Lemaire.—Change "*taeniorhynchus*" to "*Taeniorhynchus*."
142. *borealis* Ludlow.—Change "*Culex*" to "*Culex*."
- communis** (De Geer).
143. ssp. **nevadensis** Chapman and Barr.—Nevada.
1964. Mosq. News 24: 444 (♂*, ♀, P*, L). Type loc: Lamoille Canyon, Elko Co., Utah, United States (USNM).
- patersoni* Shannon and Del Ponte.—Transfer to p. 150 as valid sp.
145. **explorator** Marks.—Australia.
1964. Pap. Dep. Ent. Univ. Qd. 2: 60 (♀*, L*). Type-loc: Mt Olga, 300 mi. sw. of Alice Springs, Northern Territory, Australia (UQ).
146. **fryeri** (Theobald).—Mattingly, 1963, 165 (L*).
147. **imperfectus** Dobrotworsky.—Australia.
1962. Proc. Linn. Soc. N.S.W. 87: 296 (♂*, ♀, P*, L*). Type-loc: Woori Yallock, Victoria, Australia (USNM).
148. **lasaensis** Meng.—China.
1962. Acta ent. Sinica 11: 159 (♂*, L*). Type-loc: Lasa [Tibet, China] (LU).
- linesi** Marks.—Australia.
1964. Pap. Dep. Ent. Univ. Qd. 2: 63 (♀). Type-loc: Robe, South Australia, Australia (CSIR).
- meprai** Martínez and Prosen.—Transfer to p. 138 as synonym of *angustivittatus*.
149. **mombasaensis** Mattingly.—Kenya.
1963. Proc. R. ent. Soc. Lond. (B) 32: 165 (♂, ♀, L*). Type-loc: Mombasa, Kenya (BM).
- nigrithorax** (Macquart).—Dobrotworsky, 1966, 135 (♀*, L).
150. **patersoni** Shannon and Del Ponte.—Ronderos and García, 1962 (1963)a, 35 (P); (resurrected from syn.).
- phaecasiatus** Marks.—Australia.
1964. Pap. Dep. Ent. Univ. Qd. 2: 64 (♀). Type-loc: 5 miles from Maningrida, Arnhem Land, Northern Territory, Australia (UQ).
- pulchritarsis** (Rondani).
praeteritus Segúy.—Coluzzi, in litt. (syn.).
151. **purpureipes** Aitken.—Transfer to p. 157 under **Subgenus KOMPIA**.
153. *luteovittata* Theobald.—Insert after "*Culex*" "*nemorosus* var."
- sapiens** Marks.—Australia.
1964. Pap. Dep. Ent. Univ. Qd. 2: 66 (♂*, ♀*). Type-loc: North Bourke, New South Wales, Australia (CSIR).
- mathisi* Neveu-Lemaire.—Change "French Guiana" to "Brazil."

154. **simanini** Gutsevich.—U.S.S.R. (Uzbekistan).
1966. Zool. Zhur. 45: 457 (♂*, ♀). Type-loc: Kokand, Fergana Valley, Uzbekistan (ZIL).
dorso-vittatus Villeneuve.—Insert after "*Culex*", "*nemorosus* var."
155. **subalbirostris** Klein and Marks.—Marks and Nye, 1963, 56 (♂*, ♀*, P*, L*).
157. Insert **Subgenus KOMPIA** Aitken. Mattingly, 1961, 16 (returned to subgeneric status).
purpureipes Aitken.—Insert from p. 151 under **Subgenus KOMPIA**.

Subgenus FINLAYA Theobald

165. **kompi** Vargas and Downs.—Arizona.
167. **mjoebergi** (Edwards).—Change to "*mjöbergi*."
168. **occidentalis** (Skuse).
ssp. **milsoni** (Taylor).—Dobrotworsky, 1962, 301 (as sp.; P*, L*).
170. **shintiensis**.—Change "Lein" to "Lien."
171. **sorsogonensis** Bañez and Jueco.—Philippines.
1966. Acta med. Philippina 2(4): 195 (♂*, ♀*, L*). Type-loc: Sorsogon Province, [Luzon] (IHP).
stanleyi Peters.—New Guinea.
1963. Proc. R. ent. Soc. Lond. (B) 32: 1 (♂, ♀, P*, L*). Type-loc: Minj, Western Highlands District, New Guinea (CSIR).
subbasalis Dobrotworsky.—Australia.
1962. Proc. Linn. Soc. N.S.W. 87: 298 (♂*, ♀, P*, L*). Type-loc: Ginninderra Falls, New South Wales, Australia (CSIR).
172. **tutuila** Ramalingam and Belkin.—Samoa.
1965. Contr. Amer. ent. Inst. 1(4): 3 (♂*, ♀, P*, L*). Type-loc: Aoloau, Tutuila, American Samoa (USNM).

Subgenus HOWARDINA Theobald

173. **allotecn** Kumm, Komp and Ruiz.—Add to type-locality, "Poás Volcano."
- arborealis** Bonne-Wepster and Bonne.—Change "USNM" to "ITH."
- aurivittatus** Cerqueira.—Martínez, Prosen and Carcavallo, 1964, 54 (♂*).
- cozumelensis** Díaz Nájera.—Mexico.
1966. Rev. Invest. Salud. publ. (Mex.) 26: 334 (♂*, ♀*, P*, L*).
Type-loc: San Miguel de Cozumel, Quintana Roo, Mexico (ISET).

Subgenus CHAETOCRUIOMYIA Theobald

175. **calabyi** Marks.—Marks, 1964, 132 (♀).
- elchoensis** Taylor.—Marks, 1964, 134 (♂*, ♀, P*, L*).
- macmillani** Marks.—Australia.
1964. Proc. Linn. Soc. N.S.W. 89: 138 (♂*, ♀*). Type-loc: N.W. Dungog, Gummi Plain, Barrington Area, New South Wales (US).
- spinosipes** Edwards.—Marks, 1964, 142 (♀, E*).

Subgenus HALAEDES Belkin

176. **australis** (Erichson).—New Zealand.

Subgenus GEOSKUSEA Edwards

177. **tonsus** Edwards.—Mattingly, 1965, 23 (♂*). Delete “? Celebes.”

Subgenus STEGOMYIA Theobald

180. **albopictus** (Skuse).—Restore New Guinea, deleted in Suppl. I.
 181. **arboricolus** Knight and Rozeboom.—Change to **arboricola**.
 182. **bambusicolus** Knight and Rozeboom.—Change to **bambusicola**.
 183. Supplement II. *montana* Koidzumi. Change reference given to:
 “1918. Trans. nat. Hist. Soc. Formosa 38: 141 (♂;
 Stegomyia). Type-loc: Chikutoki, Kagi District, Formosa
 (LU).”
gardnerii (Ludlow).
 ssp. **imitator** (Leicester).—Malaya, Nepal, S. China. Mattingly,
 1965, 36 (resurrected from synonymy; syn.).
 christianus Dyar.
 184. **hensilli** Farner.—Transfer to p. 187 as ssp. of *scutellaris*.
lafoonii Knight and Rozeboom.—Knight and Hull, 1951, 221 (L).
 186. **paullusi** Stone and Farner.—North Borneo.
 187. **scutellaris** (Walker).—Delete Philippines. Colless, 1962, 313 (♂*,
 taxon).
 ssp. **hensilli** Farner.—Delete Singapore of Suppl. I. Colless, 1962,
 314 (to ssp. status).
 ssp. **malayensis** Colless.—Singapore, Malaya, Philippines.
 1962. Proc. Linn. Soc. N.S.W. 87: 314 (♂*, ♀). Type-
 loc: Pulau Hantu, Keppel Harbor, Singapore (CSIR).
 188. **tabu** Ramalingam and Belkin.—Tonga Islands.
 1965. Contr. Amer. ent. Inst. 1(4): 1 (♂*, ♀, P*, L). Type-loc:
 Eua Island, Tonga (USNM).
usambara Mattingly.—Somerén and Hamon, 1964, 80 (P*).
vinsoni Mattingly.—Mattingly, 1963, 168 (♀).
 189. *imitator* Leicester.—Transfer to p. 183 as ssp. of *gardnerii*.
christianus Dyar.—Transfer to p. 183 as synonym of *gardnerii imitator*.

Subgenus AEDIMORPHUS Theobald

190. **albocephalus** Theobald.—Change reference to “Mem. Lpool Sch.
 trop. Med. 10(App.): 4.
arabiensis (Patton).—Transfer with synonym to p. 198 as synonym
 of *vexans* (Meigen).
 192. **dialloi** Hamon and Brengues.—Dahomey.
 1965. Bull. Soc. Path. exot. 58: 103 (♂*). Type-loc: Tchakarkou,
 Natitingou Prefecture, Dahomey (IERT).
ebogoensis Rickenbach and Ferrara.—Cameroon.
 1966. Bull. Soc. Path. exot. 58: 26 (♂*). Type-loc: Ebogo,
 Cameroon (IERT).
hamoni Mattingly.—Nigeria.
 1963. Proc. R. ent. Soc. Lond. (B) 32: 166 (♂*, ♀*). Type-
 loc: Akute Village, Ogun River, near Iju waterworks, S. Nigeria
 (BM).
 194. **lottei** Hamon and Brengues.—Ivory Coast.
 1965. Bull. Soc. Path. exot. 58: 101 (♂*). Type-loc: Tiassalé,
 Ivory Coast (IERT).

195. **niveoscutellum** (Theobald).—Delete asterisk after "♂."
nocturnus Theobald.—Hawaii. Correction to Suppl. II. Change "125" to "195."
nyounae Hamon and Adam.—Bregues and Hamon, 1965, 92 (P*, L*).
196. **rickenbachii** Hamon and Adam.—Rickenbach and Ferrara, 1964, 972, (L*, P*).
198. **tauffliebi** Rickenbach and Ferrara.—Cameroon.
 1965. Bull. Soc. Path. exot. 58: 24 (♂*). Type-loc: Mbéga, Dept. Dyong and Sanaga, Cameroon (IERT).
vexans (Meigen).—Hamon et al., 1966, 373 (syn.).
arabiensis Patton.—Insert in synonymy after *montcalmi*.
sudanensis Theobald.—Insert in synonymy after *eruthrosops*.

Subgenus NEOMELANOCONION Newstead

200. Supplement II. Le Berre and Hamon reference inadvertently left out of "Literature Cited." See that section in this Supplement.
aurovenatus Worth.—Supplement I. Change type locality from "Nduma" to "Ndumu."
201. **palpalis** (Newstead).—Gambia.
taeniarostris (Theobald).—Bailly-Choumara, 1965 (1966), 671 (P*, L*).

Subgenus DICEROMYIA Theobald

202. **periskelatus** (Giles).—Qutubuddin, 1945, 34 (♀).
203. **whartoni** Mattingly.—Malaya.
 1965. Culic. Mosq. Indomalayan Area VI: 65 (♂*, P*, L*).
 Type-loc: Ulu Gombak, Malaya (BM).

Subgenus AEDES Meigen

207. **nubicolus** Laffoon.—Change to **nubicola**.
209. **uncus** (Theobald).—Knight and Hull, 1951, 222 (L).

Subgenus CANCRAEDES Edwards

210. *miachaetessa* Dyar and Shannon.—Change "1935" to "1925."
lateralis Theobald.—Change "1919" to "1818."

Genus ARMIGERES Theobald

Subgenus ARMIGERES Theobald

212. **baisasi** Stone and Thurman.—Baisas 1935, 488 (♂*, ♀; as *kuchingensis*); Delfinado, 1966, 80 (♂*, ♀, P*, L*).
213. **kuchingensis** Edwards.—Transfer Baisas's 1935b reference to *baisasi* Stone and Thurman.
malayi (Theobald).—Philippines.
manalangi Baisas.—Delfinado, 1966, 86 (♂*, ♀, P*, L*);
papuensis Peters.—New Guinea.
 1963. Proc. R. ent. Soc. Lond. (B) 32: 4 (♂*, ♀*, P*, L*).
 Type-loc: Maprik, Sepik District, New Guinea (BM).
setifer Delfinado.—Philippines.
 1966. Mem. Amer. ent. Inst. 7: 87 (♂*, ♀*). Type-loc: Pinigisan, Mantalingajan, Palawan, Philippines (ZMC).

Subgenus LEICESTERIA Theobald

214. **digitatus** Edwards.—Delfinado, 1966, 88 (♂*, ♀, P*, L*).
flavus Leicester.—Delfinado, 1966, 89 (♂*, ♀, P*, L*).
magnus (Theobald).—Delfinado, 1966, 91 (♂*, ♀, P*, L*).
 215. **omissus** (Edwards).—Delfinado, 1966, 92 (♂*, ♀, P*, L*).

Genus CULISETA Felt

218. *Important references:* 1963, Barr, 324-330 (key pupae, Nearctic); 1964, Maslov, Ent. Obozr. 43: 193-217 (Ent. Rev. : 97-107) (taxonomy).

Subgenus CULISETA Felt

- alaskaensis** (Ludlow).—Barr, 1963, 328 (P*).
 ssp. **indica** (Edwards).—India, Pakistan. Maslov, 1964, 203 (100) (to ssp. status).
annulata (Schrank).
 ssp. **subochrea** (Edwards).—Maslov, 1964, 204 (100) (to ssp. status).
atlantica (Edwards).—Insert from p. 222.
 219. **zottae** (Ungureanu).—Change from ssp. to syn.
impatiens (Walker).—Barr, 1963, 329 (P).
incidens (Thomson).—Barr, 1963, 328 (P*).
particeps (Adams).—Barr, 1963, 328 (P*).
sinensis (Meng and Wu).—China.
 1962. Acta ent. Sinica 11: 382 (♂*, ♀, P, L*; *Theobaldia*).
 Type-loc: China (LU).
 220. **subochrea** (Edwards).—Transfer with its synonym to p. 218 as ssp. of *annulata* (Schrank).

Subgenus CULICELLA Felt

- atra** Lee.—Insert from p. 222.
minnesotae Barr.—Transfer to p. 221 as ssp. of *silvestris* (Shingarev).
morsitans (Theobald).—Delete northern North America.
 ssp. **dyari** (Coquillett).—Northern North America. Maslov, 1964, 209 (103) (to ssp. status).
brittoni Felt.
 221. **ochroptera** (Peus).—Place as ssp. of *silvestris* (Shingarev).
silvestris (Shingarev).
 ssp. **ochroptera** (Peus).—Maslov, 1964, 209 (103) (to ssp. status).
 ssp. **minnesotae** Barr.—Maslov, 1964, 209 (103) (to ssp. status).
 ssp. **amurensis** Maslov.—China.
 1964. Ent. Obozr. 43: 210 (♂*, ♀, L). Type-loc: Central Amur Region, Ussuri Basin, Southern Maritime Province, Northeast China (LU).

Subgenus CLIMACURA Howard, Dyar and Knab

- antipodea** Dobrotworsky.—Australia.
 1962. Proc. Linn. Soc. N.S.W. 87: 291 (♂*, ♀, P*, L*). Type-loc: Cann River, Victoria (NMM).
melanura (Coquillett).—Barr, 1963, 327 (P*).
weindorferi (Edwards).—Dobrotworsky, 1966, 143 (♂*, ♀, P*, L*).

Subgenus ALLOTHEOBALDIA Brolemann

indica (Edwards).—Transfer to p. 218 as ssp. of *alaskaensis* (Ludlow).

Subgenus Uncertain

222. **atlantica** (Edwards).—Transfer to p. 218 in subgenus *Culiseta*.
atra Lee.—Transfer to p. 220 in subgenus *Culicella*.

Genus CULEX Linnaeus**Subgenus LUTZIA Theobald**

223. **fuscus** Wiedemann.—Delfinado, 1966, 97 (♂*, ♀, P*, L*).
setulosus Doleschall.—Change "1875" to "1857."
 224. **bimaculata** Theobald.—Insert after "♀"; as var."
fusca Theobald.—Insert after "A"; as var."

Subgenus NEOCULEX Dyar

225. **amaniensis** Someren and Hamon.—Tanzania.
 1964. J. ent. Soc. S. Afr. 27: 78 (♂*, ♀*). Type-loc: Amani, Tanganyika (BM).
 226. **brevipalpis** (Giles).—Delfinado, 1966, 125 (♂*, ♀, P*, L*).
 227. **garioui** Bailly-Choumara and Rickenbach.—Cameroon.
 1966. Bull. Soc. Path. exot. 59: 144 (♂*). Type-loc: Mbol, Yokadouma, E. Cameroon (IERT).
 228. **laplantei** (Hamon, Adam and Mouchet).—Change "Eboga" to "Ebogo."
nematoides Dyar and Shannon.—Insert "♀."
pseudoandreas Bailly-Choumara.—Cameroon.
 1965 (1966). Bull. Soc. Path. exot. 58: 660 (♂*). Type-loc: Ebogo, Arrondissement de Mbalmayo, 100 km. s. of Yacundé, Cameroon (IERT); Bailly-Choumara and Pajot, 1965 (1966): 665 (P*, L*).
 229. **capensis** De Meillon.—Insert after "♀" "as var."

Subgenus MOCHTHOGENES Edwards

231. **chiyutoi** Baisas.—Delfinado, 1966, 129 (♂*, P, L).
culionicus Delfinado.—Philippines.
 1966. Mem. Amer. ent. Inst. 7: 130 (♂*, ♀). Type-loc: San Pedro, Culion I., Palawan, Philippines (USNM).
latifolius Delfinado.—Philippines.
 1966. Mem. Amer. ent. Inst. 7: 131 (♂*, ♀). Type-loc: Molawin Creek, College, Laguna, Philippines (USNM).
laureli Baisas.—Philippines. Delfinado, 1966, 132 (♂*, ♀, P*, L*; resurrected from synonymy).
malayi (Leicester).—Delete Philippines and remove *laureli* from synonymy.
shrivastavii Wattal, Kalra and Krishnan.—Andaman Islands.
 1966. Bul. Ind. Soc. Mal. Com. Dis. 3: 159 (♂*). Type-loc: Ferrar Ganj, S. Andaman Islands (NCID).
 232. **tricontus** Delfinado.—Philippines.
 1966. Mem. Amer. ent. Inst. 7: 133 (♂*). Type-loc: Molawin Creek, College, Laguna, Philippines (USNM).

uncinatus Delfinado.—Philippines.

1966. Mem. Amer. ent. Inst. 7: 134 (♂*, ♀). Type-loc: Osmena, Samar (USNM).

Subgenus LOPHOCERAOMYIA Theobald

Important reference: 1965, Colless, 216-307 (Malaya, keys).

aculeatus Colless.—Malaya.

1965. J. med. Ent. 2: 286 (♂*, ♀, L*). Type-loc: Bukin Tunggal, Kg. Gajan Forest Reserve, Perak, Malaya (ANIC).

acutipalpus Colless.—Malaya.

1965. J. med. Ent. 2: 299 (♂*, ♀, L). Type-loc: Kg. Chantek Bahru, Singapore (ANIC).

alphus Colless.—Malaya, Borneo.

1965. J. med. Ent. 2: 283 (♂*, ♀, L*). Type-loc: Kg-Sijangkang, Selangor, Malaya (ANIC).

atracus Colless.—Change "BM" to "CSIR."

christiani Colless.—Change "BM" to "CSIR."

bandoengensis Brug.—Java, Malaya. Colless, 1965: 292 (♂*, ♀, L; to sp. status).

bengalensis Barraud.—India, Malaya, Hainan I. Colless, 1965, 293 (♂*, ♀, L*; to sp. status).

bicornutus (Theobald).—Burma, Malaya, Botel Tobagu (nr. Formosa). Colless, 1965, 291 (♂*, L*; resurrected from syn.).

brevipalpus (Theobald).—Stone, 1957, 172 (resurrected from syn.); Colless, 1965, 301 (♂*, ♀, L).

cinctellus Edwards.—Philippines.

crassicornis Colless.—Malaya.

1965. J. med. Ent. 2: 296 (♂*). Type-loc: Ulu Gombak, Selangor Malaya (ANIC).

cubitatus Colless.—Malaya.

1965. J. med. Ent. 2: 273 (♂*, ♀, L). Type-loc: Mandai Road, Singapore (ANIC).

curtipalpis (Edwards).—Edwards, 1928, 279 (♂*); Colless, 1965, 301 (♂*, ♀, L).

demissus Colless.—Malaya.

1965. J. med. Ent. 2: 296 (♂*). Type-loc: Ulu Gombak, Selangor, Malaya (ANIC).

233. **eminentia** (Leicester).—Colless, 1965, 298 (♂*, L).

brevipalpus Theobald.—Transfer to p. 232 as valid species.

eukrines Bram and Rattanakul.—Thailand.

1967. Proc. ent. Soc. Wash. 69: 11 (♂*, ♀, L*). Type-loc: Huai Bong Ti, Kanchanaburi Province, Thailand (USNM).

variata Leicester.—Change "NE" to "BM." Transfer to p. 235 as valid species.

fuscosphonis Bram and Rattanakul.—Thailand.

1967. Proc. ent. Soc. Washington 69: 11 (♂*, ♀, L*). Type-loc: Muang, Phattalung Province, Thailand (USNM).

ganapathi Colless.—Malaya.

1965. J. med. Ent. 2: 294 (♂*, ♀, L*). Type-loc: Ulu Langat, Selangor, Malaya (ANIC).

gibbulus Delfinado.—Philippines.

1966. Mem. Amer. ent. Inst. 7: 105 (♂*). Type-loc: San Jose, Mindoro, Philippines (USNM).

- hewitti** (Edwards).—Colless, 1965, 303 (δ^* , φ , L).
incomptus Bram and Rattanakul.—Thailand.
 1967. Proc. ent. Soc. Wash. 69: 16 (δ^* , φ). Type-loc: Doi Suteh, Chiang Mai Province, Thailand (USNM).
inculus Colless.—Malaya.
 1965. J. med. Ent. 2: 280 (δ^* , φ , L*). Type-loc: Kampong Sireh, Selangor, Malaya (ANIC).
josephinae Baisas.—Change to *josephineae* and transfer to p. 234 as valid species.
 234. **josephineae** Baisas.—Philippines. Delfinado, 1966, 106 (δ^* ; resurrected from synonymy).
lucaris Colless.—Malaya.
 1965. J. med. Ent. 2: 299 (δ^*). Type-loc: Ulu Pandan, Singapore (ANIC).
bicornuta Theobald.—Transfer to p. 232 as valid species.
macdonaldi Colless.—Malaya, Philippines.
 1965. J. med. Ent. 2: 276 (δ^* , L*). Type-loc: Singapore (ANIC); Delfinado, 1966, 108 (δ^* , P*, L*).
mammilifer (Leicester).—Hainan I. Colless, 1965, 287 (δ^* , φ , L*; syn.); Delfinado, 1966, 109 (δ^* , P*, L*).
chiungchungensis Hsü.—1963. Acta ent. Sinica 12: 229 (δ^* , φ , L*). Type-loc: Chiungchungsang, Hainan Island, Kwangtung Province, China (LU).
minor (Leicester).—Colless, 1965, 289 (δ^* , φ , L*; syn.).
nolledoi Baisas.
 var. **bengalensis** Barraud.—Transfer to p. 232 as full species.
 var. **bandoengensis** Brug.—Transfer to p. 232 as full species.
 235. **navalis** Edwards.—Malaya. Colless, 1965, 304 (δ^* , φ , L).
niger (Leicester).—Colless, 1965, 282 (δ^* , φ , L).
nolledoi Baisas.—Transfer to p. 234 as synonym of *minor* (Leicester).
petersi Colless.—Change "BM" to "CSIR."
pseudornatus Colless.—Change "BM" to "CSIR."
peytoni Bram and Rattanakul.—Thailand.
 1967. Proc. ent. Soc. Wash. 69: 7 (δ^* , φ , L*). Type-loc: Phatthalung-Trang Road, Phatthalung Province, Thailand (USNM).
pholeter Bram and Rattanakul.—Thailand.
 1967. Proc. ent. Soc. Wash. 69: 13 (δ^* , φ , L*). Type-loc: Khao Mai Ha Wa, Chon Buri Province, Thailand (USNM).
reidi Colless.—Malaya, Philippines.
 1965. J. med. Ent. 2: 279 (δ^* , φ , L*). Type-loc: West Coast Road, Singapore (ANIC).
spiculosus Bram and Rattanakul.—Thailand.
 1967. Proc. ent. Soc. Wash. 69: 3 (δ^* , φ , L*). Type-loc: Doi Sam Sao, Tak Province, Thailand (USNM).
traubi Colless.—Malaya.
 1965. J. med. Ent. 2: 295 (δ^* , φ , L*). Type-loc: Ulu Gombak, 16th mile, Selangor, Malaya (ANIC).
uniformis (Theobald).—Philippines.
variatus (Leicester).—Colless, 1965, 270 (δ^* , φ , L*; resurrected from synonymy).
whartoni Colless.—Malaya.
 1965. J. med. Ent. 2: 275 (δ^* , φ , L*). Type-loc: Singapore (ANIC).

wilfredi Colless.—Malaya.

1965. J. med. Ent. 2: 297 (♂*). Type-loc: Malaya (ANIC).

Subgenus CULICIOMYIA Theobald

238. **pallidothorax** Theobald.—Philippines.

papuensis (Taylor).—Philippines.

ramakrishnii Wattal and Kalra.²—India.

1965. Bull. Ind. Soc. Mal. Com. Dis. 2: 309 (♂*, ♀). Type-loc: Lachhiwala Reserve Forest, Dehra Dun, India (NICD).

spathifurca (Edwards).—Delfinado, 1966, 123 (♂*, ♀, P, L*).

Subgenus THAIOMYIA Bram

239. **Culex**, subgenus **Thaiomyia** Bram, 1966, Proc. ent. Soc. Wash. 68: 73. Orthotype: *Culex dispectus* Bram.

dispectus Bram.—Thailand.

1966. Proc. ent. Soc. Wash. 68: 75 (♂*, ♀, P*, L*). Type-loc: Doi Sam Sao, Tak Province, Thailand (USNM).

Subgenus CULEX Linnaeus

Important reference: 1967, Bram, 1-222 (keys, New World).

Lasioconops Theobald.—Change reference to Mem. Lpool Sch. trop. Med. 10 (App.): 8.

240. **abnormalis** Lane.—Colombia. Bram, 1967, 20 (♂*, ♀, L; syn.).
scutatus Rozeboom and Komp.

acharistus Root.—Argentina, Chile. Bram, 1967, 23 (♂*, L*).

alani Forattini.—Colombia.

1965. Entomologica Médica 2: 143 (♂*). Type-loc: Cateria a Gachancipa, Colombia (USNM); Bram, 1967, 23 (♂*).

alticola Martini.—Transfer to p. 242 as synonym of *apicinus* Philippi.

annulirostris Skuse.—Delfinado, 1966, 139 (♂*, ♀, L*; syn.).

palmi Baisas.

241. **gambiensis** Theobald.—Insert “; as var.” after “(♀).”

242. **apicinus** Philippi.—Bolivia. Bram, 1967, 26 (♂*, ♀, L; syn.).

alticola Martini.

archegus Dyar.—Peru, Colombia, Ecuador. Bram, 1967, 28 (♂*, L; resurrected from syn.). Place before *argenteopunctatus*.

articularis Philippi.—Type-loc: Casa Pangué, Llanquihue, Chile (USNM). Bram, 1967, 30 (♂*; neotype).

243. **azuayus** Levi Castillo.—Transfer to p. 252 as synonym of *nigripalpus* Theobald.

beauperthuyi Anduze.—Transfer to p. 259 as synonym of *saltanensis* Dyar.

bickleyi Forattini.—Colombia.

1965. Entomologica Médica 2: 146 (♂*). Type-loc: Bosque Calderon, Bogota, Colombia (USNM); Bram, 1967, 33 (♂*).

bidens Dyar.—Argentina, Bolivia, Mexico, Venezuela. Bram, 1967, 35 (♂*; resurrected from syn., syn.).

interfor Dyar.

² Under Article 31 of the International Code of Zoological Nomenclature this name is presumably not emendable; under the old Code it would have to be changed to *ramakrishnani*, as the species is named after Dr. Ramakrishnan.

244. **brethesi** Dyar.—Bachmann and Casal, 1962, 78 (♂*, P*, L*).
camposi Dyar.—Colombia, Ecuador, Peru. Bram, 1967, 49 (♂*; raised to sp. status).
cheni Ho.—China.
 1963. Acta ent. Sinica 12: 368 (♂*, ♀, L*). Type-loc: Canton, China (CMC).
chidesteri Dyar.—Argentina. Bram, 1967, 42 (♂*, L; syn.).
deanei Correa and Ramalho.
confusus Baisas.—Transfer to p. 251 as synonym of *mimulus* Edwards.
 245. **coronator** Dyar and Knab.—Bram, 1967, 46 (♂*, L; syn.).
coronator mooseri Vargas and Martinez Palacios.
ousqua Dyar.—Transfer to p. 253 as valid species.
usquatus Dyar.—Transfer to p. 264 as valid species.
usquatissimus Dyar.—Transfer to p. 264 as valid species.
albertoi Anduze.—Transfer to p. 253 as synonym of *ousqua* Dyar.
 ssp. **camposi** Dyar.—Transfer to p. 244 as valid species.
 ssp. **mooseri** Vargas and Martinez Palacios.—Change to synonym.
covagarciai Forattini.—Venezuela.
 1965. Entomologia Médica 2: 128 (♂). Type-loc: San Antonio de Caparo, Municipal Capitol, Venezuela (USNM); Bram, 1967, 53 (♂*, L).
deanei Correa and Ramalho.—Transfer to p. 244 as synonym of *chidesteri* Dyar.
declarator Dyar and Knab.—Bram, 1967, 56 (♂*, L; syn.).
forattinii Correa and Ramalho.
 246. *bidens* Dyar.—Transfer to p. 243 as valid species.
 247. **fasyi** Baisas.—Change “[Davao], Mindanao” to “[Mountain], Luzon.”
fernandezi Casal, García and Cavalieri.—Argentina.
 1966. Physis 26: 185 (♂*, ♀, P*, L*). Type-loc: Quebrada de Piquirenda, Salta, Argentina (INM).
forattinii Correa and Ramalho.—Transfer to p. 245 as synonym of *declarator* Dyar and Knab.
 248. **gameti** Bailly-Choumara.—Cameroon.
 1966. Bull. Soc. Path. exot. 59: 148 (♂*). Type-loc: Mbol, Yokadouma, E. Cameroon (IERT).
 249. **habilitator** Dyar and Knab.—Peru.
incognitus Baisas.—Delfinado, 1966, 145 (♂*, ♀, P, L*).
interfor Dyar.—Transfer to p. 243 as synonym of *bidens* Dyar.
 250. **kesseli** Belkin.—Belkin, 1964, 236 (♂*, ♀, P*).
lahillei.—Correction to Suppl. II. Change “Casals” to “Casal”; also index, p. 140.
levicastilloi Lane.—Venezuela. Bram, 1967, 74 (♂*, L; syn.).
tejerai Cova Garcia.—1962. Rev. Sanid. Asist. Soc. 27: 312 (♂*, ♀, P*, L*). Type-loc: Near La Cumbre de Choroní, Aragua, Venezuela (DERM).
 251. **mimulus** Edwards.—Delfinado, 1966, 150 (♂*, ♀; syn.).
confusus Baisas.
mollis Dyar and Knab.—Bram, 1967, 80 (♂*, L; syn.).
tisseuili Senevet.
 252. **nigripalpus** Theobald.—Bram, 1967, 84 (♂*, L; syn.).
azuayus Levi-Castillo.

- oswaldoi** Forattini.—Brazil.
1965. Entomologia Médica 2: 167 (♂*). Type-loc: Macaphyba, Natal, Brazil (USNM); Bram, 1967, 86 (♂*).
253. **ousqua** Dyar.—Mexico to Colombia. Bram, 1967, 50 (♂*; resurrected from syn.; syn.).
albertoi Anduze.
- palmi** Baisas.—Transfer to p. 241 as synonym of *annulirostris* Skuse.
254. ssp. **quinquefasciatus** Say.—Restore to this status.
trifurcatus Fabricius.—Delete "*fatigans* ssp."
258. **pseudovishnui** Colless.—Delfinado, 1966, 147 (P, L*).
- quinquefasciatus** Say.—Return to p. 254 as ssp. (see Suppl. II).
259. **salinus** Baisas.—Transfer to p. 260 as synonym of *sitiens* Wiedemann.
- saltanensis** Dyar.—Brazil, Panama, Venezuela. Bram, 1967, 97 (♂*, L; syn.).
beauperthuyi Anduze.
- scutatus** Rozeboom and Komp.—Transfer to p. 242 as synonym of *abnormalis* Lane.
- sitiens** Wiedemann.—Delfinado, 1966, 151 (♂*, ♀, L*; syn.).
salinus Baisas.
260. **spinosus** Lutz.—Colombia, Venezuela.
261. **suborientalis** Baisas.—Change "[Davao], Mindanao" to "[Mountain], Luzon."
262. **thriambus** Dyar.—Dominican Republic, Costa Rica, Colombia.
- tisseuilli** Senevet.—Emended by Belkin, 1965, 24 to *tisseuili*. Transfer to p. 251 as synonym of *mollis* Dyar and Knab.
263. *siamensis* Barraud and Christophers.—Insert "; as var." after "♂."
264. **usquatissimus** Dyar.—Costa Rica to Ecuador and British Guiana. Bram, 1967, 51 (♂*; resurrected from synonymy).
- usquatus** Dyar.—Mexico to Argentina. Bram, 1967, 49 (♂*).

Subgenus MELANOCONION Theobald

266. *ocossa* Dyar and Knab.—Change "Surinam" to "British Guiana."
268. **clarki** Evans.—Argentina. Casal, 1963, 317 (♂*; resurrected from syn.).
269. **eastor** Dyar.—Trinidad.
271. **implicatus** Senevet and Abonnenc.—Transfer to p. 273 as synonym of *nigrescens*.
273. **nigrescens** (Theobald).—Casal, 1963, 317 (♂*).
- implicatus* Senevet and Abonnenc.
- clarki* Evans.—Transfer to p. 268 as valid species.
- oedipus** Root.—García and Casal, 1965, 9 (P*).
274. **portesi** Senevet and Abonnenc.—French Guiana, Trinidad, Brazil. Aitken and Galindo, 1966, 202 (♂*, ♀; resurrected).
- cayennensis* Floch and Abonnenc.
275. **rabanicolus** Floch and Abonnenc.—Change to **rabanicola**.
276. *portesi* Senevet and Abonnenc.—Transfer to p. 274 as valid species.
- cayennensis** Floch and Abonnenc.—Change "PIG" to "NE"; transfer to p. 274 as synonym of *portesi*.
- ybarmis** Dyar.—Trinidad.
- zeteki** Dyar.—Trinidad.

Subgenus MICROCULEX Theobald

278. Important reference: 1962, Coutinho and Forattini, 209-234.

279. **intermedius** Lane and Whitman.—Coutinho and Forattini, 1962, 217 (♂*, ♀, P*, L*).
280. **lanei** Coutinho and Forattini.—Brazil.
1962. *Studia ent.* 5: 210 (♂*, ♀, P*, L*). Type-loc: Bertioga (Itaguapé), Santos, São Paulo, Brazil (FH).
- pleuristriatus** Theobald.—Coutinho and Forattini, 1962, 223 (♂*, P*, L*).
- shopei** Forattini and Toda.—Brazil.
1966. *Studia ent.* 9: 507 (♂*, ♀*, P*, L*). Type-loc: Utinga, Belem, Para, Brazil (FH).
- xenophobus** Ronderos.—Venezuela.
1965. *Physis* 25: 249 (♂*, ♀*, P*, L*). Type-loc: San Bonifacio, Sucre, Venezuela (INM).

Subgenus AEDINUS Bourroul

281. **americanus** (Neveu-Lemaire).—Transfer to p. 283 as a *nomen dubium*. Change French Guiana to Brazil.
- bisculatus** Coquillett.—Trinidad, Antilles. Transfer to follow *belemensis* as a valid species with *antillum-magnorum* of authors as a synonym.
- canaanensis** Lane and Whitman.—Change “1934” to “1943.”
- cauchensis** Floch and Abonnenc.—Change “Moyenne-Mana” to “Caux.”

Subgenus CARROLLIA Lutz

282. **bihaicolus** Dyar and Nuñez Tovar.—Change to **bihaicola**.

Nomina Dubia

283. **americanus** (Neveu-Lemaire).—French Guiana. Fauran, 1961, 45 (taxon.).

Genus DEINOCERITES Theobald

285. **pseudes** Dyar and Knab.—Texas.

Fossil Species

286. **loewi** Giebel.—Place “Giebel” in parentheses; change “**Culex**” to “**Toxorhynchites**”; insert “*Culex*” after “A”; change “LU” to “NMC.”

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- Aken** (Supplement II.) Change “onderzbek” to “onderzoek.”
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Wharton, R. H. 1962. The biology of *Mansonia* species in relation to the transmission of filariasis in Malaya. Inst. med. Res. Fed. Malaya Bull. 11: 1-114, illus.

Type Depositories

327. ANIC. Australian National Insect Collection, Canberra, Australia.
 BNI. Barnhard-Nocht-Institut für Schiffs- und Tropenkrankheiten, Hamburg, Germany.
 CMC. Department of Parasitology, Chungshan Medical College, Canton.
 DERM. Laboratorio de Entomología de la División de Endemias Rurales, Maracay, Venezuela.
329. NCID. National Institute of Communicable Diseases, Delhi, India.
 NMC. Naturwissenschaftlichen Museum der Coburger Landestiftung, Coburg, Germany.
 Australia (ANIC).
330. China (CMC, SMC), Germany (BNC, NMC), India (NICD), Venezuela (DERM).

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336. *cephasi*.—Change to *cephasi*.
 338. *decannus*.—Change to *deccanus*.
 344. *josephinae*.—Change to *josephineae*.
karwari (Barraud).—Change to *karwari*.
 347. *miachaetessus*.—Change to *miachaetessa*.
 351. *pennai*.—Change 151 to 150.
 353. *reptans* Linnaeus. Change "Mon-mosquito" to "Non-mosquito."
 354. *scutipunctatus*.—Change "Neivan" to "Neiva."
shintiensis.—Change "Lein" to "Lien."
 355. *stokesi*.—Change 196 to 197.

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REPLACEMENT NAMES FOR PREOCCUPIED SPECIFIC NAMES IN DOLICHOPODIDAE

(DIPTERA)

Medetera postminima nomen novum for *Medetera minima* Van Duzee, 1925, *Psyche* 32: 180 (California, U.S.A.), not *Medetera minima* (as *Medeterus minimus*) De Meijere, 1916, *Tijd. Ent.* 59: 259 (Java); also recorded from Sumatra by Hollis, 1964, *Beaufortia* 10: 260.

Sympycnus pessimplex nomen novum for *Sympycnus simplicipes* De Meijere, 1916, *Tijd. v. Ent.* 59: 252 (Java), not *Sympycnus simplicipes* Becker, 1908, *Mitteil. Zool. Mus. Berlin* 4: 46 (Canary Islands, Europe). This species has recently been recorded from Sumatra by Hollis, 1964, *Beaufortia* 10: 269, under the De Meijere name.—GEORGE C. STEYSKAL, *Entomology Research Division, ARS, U.S. Department of Agriculture, Washington, D.C. 20560.*



Stone, Alan. 1967. "A synoptic catalog of the mosquitoes of the World, supplement III (Diptera: Culicidae)." *Proceedings of the Entomological Society of Washington* 69, 197–224.

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