

(Note: Cited references are listed at the end of the classification.)

Subgenus *Anopheles* Meigen

Angusticorn Section (Reid & Knight, 1961)

Anopheles Series (Edwards, 1932a)

algeriensis Theobald

concolor Edwards

marteri Senevet & Prunelle

Claviger Complex (Coluzzi *et al.*, 1965)

claviger (Meigen)

petragnani del Vecchio

Alongensis Group (Phan *et al.*, 1991)

alongensis Venhuis

cucphuongensis Vu, Nguyen, Tran & Nguyen

Aitkenii Group (Reid & Knight, 1961)

aberrans Harrison & Scanlon

acaci Baisas

aitkenii James

bengalensis Puri

borneensis McArthur

fragilis (Theobald)

insulaeflorum (Swellengrebel & Swellengrebel de Graaf)

palmatus (Rodenwaldt)

peytoni Kulasekera, Harrison & Amerasinghe

pililotum Harrison & Scanlon

pinjaurensis Barraud

stricklandi Reid

tigerti Scanlon & Peyton

Atratipes Group (Lee *et al.*, 1987b)

atratiipes Skuse

tasmaniensis Dobrotworsky

Culiciformis Group (Reid & Knight, 1961)

culiciformis Cogill

sintoni Puri

sintonoides Ho

Lindesayi Group (Reid & Knight, 1961)

Gigas Complex (Harrison *et al.*, 1991)

baileyi Edwards

gigas Giles

subspecies *crockeri* Colless

subspecies *danaubento* Mochtar & Walandouw

subspecies *formosus* Ludlow

subspecies *gigas* Giles

subspecies *oedjalikalah* Nainggolan
 subspecies *pantjarbatu* Waktoedi
 subspecies *refutans* Alcock
 subspecies *simlensis* James
 subspecies *sumatrana* Swellengrebel & Rodenwaldt
gigas s.l. (in Thailand)
 Lindesayi Complex (Harrison *et al.*, 1991)
lindesayi Giles
 subspecies *benguetensis* King
 subspecies *cameronensis* Edwards
 subspecies *japonicus* Yamada
 subspecies *lindesayi* Giles
 subspecies *pleccau* Koidzumi
mengalagensis Ma
nilgircus Christophers
wellingtonianus Alcock
 Maculipennis Group (Reid & Knight, 1961)
atropos Dyar & Knab
aztecus Hoffmann
lewisi Ludlow
walkeri Theobald
 Maculipennis Subgroup (Linton, 2004)
artemievi Gordeyev, Zvantsov, Goryacheva, Shaikevich & Yezhov
atroparvus van Thiel
daciae Linton, Nicolescu & Harbach
labranchiae Falleroni
maculipennis Meigen
martinius Shinagarev
melanoon Hackett
messeae Falleroni
persiensis Linton, Sedaghat & Harbach
sacharovi Favre
 Quadrimaculatus Subgroup (Linton, 2004)
beklemishevi Stegnii & Kabanova
diluvialis Reinert
inundatus Reinert
maverlius Reinert
quadrimaculatus Say
smaragdinus Reinert
 Freeborni Subgroup (Linton, 2004)
earlei Vargas
freeborni Aitken
hermsi Barr & Guptavanij
occidentalis Dyar & Knab
 Plumbeus Group (Reid & Knight, 1961)
arboricola Zavortink

barberi Coquillett
barianensis James
fausti Vargas
judithae Zavortink
omorii Sakakibara
plumbeus Stephens
powderi Zavortink
xelajuensis de Leon

Pseudopunctipennis Group (Reid & Knight, 1961)

chiriquiensis Komp
eiseni Coquillett
 subspecies *eiseni* Coquillett
 subspecies *geometricus* Corrêa
franciscanus McCracken
hectoris Giaquinto-Mira
parapunctipennis Martini
 subspecies *guatemalensis* de Leon
 subspecies *parapunctipennis* Martini
pseudopunctipennis Theobald
 subspecies *levicastilloi* Levi-Castillo
 subspecies *neghmei* Mann
 subspecies *noei* Mann
 subspecies *patersoni* Alvarado & Heredia
 subspecies *pseudopunctipennis* Theobald
 subspecies *rivadeneirai* Levi-Castillo
tibiamaculatus (Neiva)

Punctipennis Group (Reid & Knight, 1961)

perplexens Ludlow
punctipennis (Say)

Crucians Complex (Wilkerson *et al.*, 2004)

bradleyi King
crucians Wiedemann (species A, B, C, D and E)
georgianus King

Stigmaticus Group (Reid & Knight, 1961)

colledgei Marks
corethroides Theobald
papuensis Dobrotworsky
powelli Lee
pseudostigmaticus Dobrotworsky
stigmaticus Skuse

Cyclolepteron Series (Edwards, 1932a)

annulipalpis Lynch Arribálzaga
grabhamii Theobald

Lophoscelomyia Series (Edwards, 1932a)

bulkleyi Causey

Asiaticus Group (Reid, 1968)

annandalei Prashad
noniae Reid
Asiaticus Subgroup (Rattanaarithikul *et al.*, 2006b)
asiaticus Leicester
Interruptus Subgroup (Rattanaarithikul *et al.*, 2006b)
interruptus Puri
Laticorn Section (Reid & Knight, 1961)
Arribalzagia Series (Root, 1922a)
anchietai Corrêa & Ramalho
apicimacula Dyar & Knab
bustamentei Galvão
calderoni Wilkerson
costai Fonseca & Ramos
evandroi da Costa Lima
fluminensis Root
forattinii Wilkerson & Sallum
gabaldoni Vargas
guarao Anduze & Capdevielle
intermedius (Peryassú)
maculipes (Theobald)
malefactor Dyar & Knab
mattogrossensis Lutz & Neiva
mediopunctatus (Lutz)
minor da Costa Lima
neomaculipalpus Curry
peryassui Dyar & Knab
pseudomaculipes (Peryassú)
punctimacula Dyar & Knab
rachoui Galvão
shannoni Davis
veruslanei Vargas
vestitipennis Dyar & Knab
Christya Series (Christophers, 1924a)
implexus (Theobald)
okuensis Brunhes, le Goff & Geoffroy
Myzorhynchus Series (Edwards, 1932a)
obscurus (Grünberg)
Albotaeniatus Group (Reid & Knight, 1961)
albotaeniatus (Theobald)
balerensis Mendoza
ejercitoi Mendoza
montanus Stanton & Hacker
saperoi Bohart & Ingram
 subspecies *ohamai* Ohama
 subspecies *saperoi* Bohart & Ingram
Bancroftii Group (Reid & Knight, 1961)

bancroftii Giles
 subspecies *bancroftii* Giles
 subspecies *barbiventris* Brug
pseudobarbistrotris Ludlow
Barbistrotris Group (Reid & Knight, 1961)
 freyi Meng
 koreicus Yamada & Watanabe
Barbistrotris Subgroup (Reid, 1968)
 barbistrotris van der Wulp
 campestris Reid
 donaldi Reid
 franciscoi Reid
 hodgkini Reid
 pollicaris Reid
Vanus Subgroup (Reid, 1968)
 ahomi Chowdhury
 barbumbrosus Strickland & Chowdhury
 manalangi Mendoza
 reidi Harrison
 vanus Walker
Coustani Group (Reid & Knight, 1961)
 caliginosus de Meillon
 coustani Laveran
 crypticus Coetzee
 fuscicolor van Someren
 namibiensis Coetzee
 paludis Theobald
 symesi Edwards
 tenebrosus Dönitz
 ziemanni Grünberg
Hyrcanus Group (Reid, 1953)
 argyropus (Swellengrebel)
 belenrae Rueda
 chodukini Martini
 engarensis Kanda & Oguma
 hailarensis Xu & Luo
 heiheensis Ma
 hyrcanus (Pallas)
 hyrcanus sp_{IR} (Djadid *et al.*, 2009)
 kleini Rueda
 kweiyangensis Yao & Wu
 liangshanensis Kang, Tan, Cao, Cheng Yang & Huang
 nimpe Nguyen, Tran & Harbach
 pseudopictus Grassi
 pullus Yamada
 sinensis Wiedemann

sineroides Yamada
xui Dong, Zhou, Dong & Mao
Lesteri Subgroup (Harrison, 1972)
crawfordi Reid
kiangsuensis Xu & Feng
lesteri Baisas & Hu
paraliae Sandosham
peditaeniatus (Leicester)
vietnamensis Nguyen, Tran & Nguyen
Nigerrimus Subgroup (Harrison, 1972)
nigerrimus Giles
nitidus Harrison, Scanlon & Reid
pseudosinensis Baisas
pursati Laveran
Umbrosus Group (Reid, 1950)
brevipalpis Roper
brevirostris Reid
hunteri (Strickland)
samarensis Rozeboom
similissimus Strickland & Chowdhury
Baezai Subgroup (Rattanaarithikul *et al.*, 2006b)
baezai Gater
Letifer Subgroup (Reid, 1968)
collessi Reid
letifer Sandosham
roperi Reid
whartoni Reid
Separatus Subgroup (Rattanaarithikul *et al.*, 2006b)
separatus (Leicester)
Umbrosus Subgroup (Rattanaarithikul *et al.*, 2006b)
umbrosus (Theobald)

Subgenus *Baimaia* Harbach, Rattanaarithikul & Harrison

kyondawensis Abraham

Subgenus *Cellia* Theobald

Cellia Series (Christophers, 1924a)
argenteolobatus (Gough)
brumpti Hamon & Rickenbach
crisupalpis Service
murphyi Gillies & de Meillon
pharoensis Theobald

swahilicus Gillies
Squamosus Group (Grjebine, 1966)
cydippis de Meillon
squamosus Theobald
Myzomyia Series (Christophers, 1924a)
apoci Marsh
azaniae Bailly-Choumara
barberellus Evans
bervoetsi D'Haenans
brunnipes (Theobald)
domicola Edwards
dthali Patton
erythraeus Corradetti
ethiopicus Gillies & Coetzee
flavicosta Edwards
fontinalis Gillies & de Meillon
majidi Young & Majid
moucheti Evans
schwetzi Evans
tchekedii de Meillon & Leeson
walravensi Edwards
Demeilloni Group (Gillies & de Meillon, 1968)
carteri Evans & de Meillon
demeilloni Evans
freetownensis Evans
garnhami Edwards
keniensis Evans
lloreti Gil Collado
sergentii (Theobald)
 subspecies *macmahoni* Evans
 subspecies *sergentii* (Theobald)
Funestus Group (Garros *et al.*, 2005b)
jeyporiensis James
Aconitus Subgroup (Chen *et al.*, 2003)
aconitus Dönitz
filipinae Manalang
mangyanus (Banks)
pampanai Büttiker & Beales
varuna Iyengar
Culicifacies Subgroup (Garros *et al.*, 2005b)
culicifacies Giles (species A, B, C, D and E) (Kar *et al.*, 1999)
Funestus Subgroup (Garros *et al.*, 2005b)
aruni Sobti
confusus Evans & Leeson
funestus Giles
funestus-like species (Spillings *et al.*, 2009)

longipalpis (Theobald) (Type C) (Koekemoer *et al.*, 2009)
parensis Gillies
vaneedeni Gillies & Coetzee
 Minimus Subgroup (Chen *et al.*, 2003)
flavirostris (Ludlow)
leesoni Evans
longipalpis (Theobald) (Type A) (Koekemoer *et al.*, 2009)
 Fluviatilis Complex (Sarala *et al.*, 1994)
fluviatilis James (species S, T and U)
 Minimus Complex (Green *et al.*, 1990)
harrisoni Harbach & Manguin (species C)
minimus Theobald (species A)
yaeyamaensis Somboon & Harbach
 Rivulorum Subgroup (Garros *et al.*, 2005b)
brucei Service
fuscivenosus Leeson
rivulorum Leeson
rivulorum-like species (Cohuet *et al.*, 2003)
 Marshallii Group (Gillies & de Meillon, 1968)
austenii (Theobald)
berghei Vincke & Leleup
brohieri Edwards
gibbinsi Evans
hancocki Edwards
hargreavesi Evans
harperi Evans
mortiauxi Edwards
mousinhoi de Meillon & Pereira
njombiensis Peters
seydeli Edwards
 Marshallii Complex (Gillies & Coetzee, 1987)
hughi Lambert & Coetzee
kosiensis Coetzee, Segerman & Hunt
letabensis Lambert & Coetzee
marshallii (Theobald))
 Wellcomei Group (Gillies & de Meillon, 1968)
distinctus (Newstead & Carter)
erepens Gillies
theileri Edwards
wellcomei Theobald
 subspecies *ugandae* Evans
 subspecies *ungujae* White
 subspecies *wellcomei* Theobald
 Neocellia Series (Christophers, 1924a)
ainshamsi Gad, Harbach & Harrison
dancalicus Corradetti

hervyi Brunhes, le Goff & Geoffroy
karwari (James)
maculipalpis Giles
moghulensis Christophers
paltrinieri Shidrawi & Gillies
pattoni Christophers
pretoriensis (Theobald)
pulcherrimus Theobald
rufipes (Gough)
 subspecies *broussesi* Edwards
 subspecies *rufipes* (Gough)
salbairi Maffi & Coluzzi
stephensi Liston
superpictus Grassi
theobaldi Giles
Annularis Group (Reid, 1968)
 Annularis Complex (Atrie *et al.*, 1999)
 annularis van der Wulp (species A and B)
 pallidus Theobald
 philippinensis Ludlow
 schueffneri Stanton
 Nivipes Complex (Green *et al.*, 1985b; Harrison *et al.*, 1991)
 nivipes (Theobald) (2 cytogenetic species in Thailand)
Jamesii Group (Rattanaarithikul *et al.*, 2006b)
 jamesii Theobald
 pseudojamesi Strickland & Chowdhury
 splendidus Koidzumi
Maculatus Group (Rattanaarithikul & Green, 1987)
 dispar Rattanaarithikul & Harbach
 greeni Rattanaarithikul & Harbach
 pseudowillmori (Theobald)
 willmori (James)
Maculatus Subgroup (Rattanaarithikul *et al.*, 2006b)
 dravidicus Christophers
 maculatus Theobald
Sawadwongporni Subgroup (Rattanaarithikul *et al.*, 2006b)
 notanandai Rattanaarithikul & Green
 rampae Harbach & Somboon, 2011
 sawadwongporni Rattanaarithikul & Green
Neomyzomyia Series (Christophers, 1924a)
 amictus Edwards
 annulatus de Rook
 annulipes Walker (species A, B, C, D, E, F and G) (Booth & Bryan, 1986)
 aurirostris (Watson)
 dualaensis Brunhes, le Goff & Geoffroy
 hilli Woodhill & Lee

incognitus Brug
kokhani Vythilingam, Jeffery & Harbach
kolambuganensis Baisas
longirostris Brug
meraukensis Venhuis
novaguinensis Venhuis
saungi Colless
stookesi Colless
watsonii (Leicester)
Lungae Complex (Belkin, 1962)
lungae Belkin & Schlosser
nataliae Belkin
solomonis Belkin, Knight & Rozeboom
Ardensis Group (Gillies & de Meillon, 1968)
ardensis (Theobald)
buxtoni Service
cinctus (Newstead & Carter)
deemingi Service
dureni Edwards
eouzani Brunhes, le Goff & Bousses
kingi Christophers
machardy Edwards
maliensis Bailly-Choumara & Adam
millecampsi Lips
multicinctus Edwards
natalensis (Hill & Haydon)
vernus Gillies & de Meillon
vinckei de Meillon
Nili Complex (Gillies & de Meillon, 1968)
carnevalei Brunhes, le Goff & Geoffroy
nili (Theobald)
ovengensis Awono-Ambene, Kengne, Simard, Antonio-Nkondjio & Fontenille
somalicus Rivola & Holstein
Kochi Group (Rattanaarithikul *et al.*, 2006b)
kochi Dönitz
Leucosphyrus Group (Reid, 1949)
Hackeri Subgroup (Sallum *et al.*, 2005a)
hackeri Edwards
mirans Sallum & Peyton
pujutensis Colless
recens Sallum & Peyton
sulawesi Waktoedi
Leucosphyrus Subgroup (Peyton, 1990)
Dirus Complex (Sallum *et al.*, 2005b)
aff. *takasagoensis* (Takano *et al.*, 2010)
baimaii Sallum & Peyton

cracens Sallum & Peyton
dirus Peyton & Harrison
elegans (James)
nemophilous Peyton & Ramalingam
scanloni Sallum & Peyton
takasagoensis Morishita
Leucosphyrus Complex (Sallum *et al.*, 2005a)
baisasi Colless
balabacensis Baisas
introlatus Colless
latens Sallum & Peyton
leucosphyrus Dönitz
Riparis Subgroup (Peyton, 1990)
cristatus King & Baisas
macarthuri Colless
riparis King & Baisas
Mascarensis Group (Harbach, 1994a)
mascarensis de Meillon
Pauliani Group (Grjebine, 1966)
grassei Grjebine
grenieri Grjebine
milloti Grjebine & Lacan
pauliani Grjebine
radama de Meillon
Punctulatus Group (Schmidt *et al.*, 2001)
clowi Rozeboom & Knight
koliensis Owen
punctulatus Dönitz
rennellensis Taylor & Maffi
sp. near *punctulatus* (Foley *et al.*, 1995)
Farauti Complex (Schmidt *et al.*, 2003)
farauti Laveran
farauti 4, 5 and 6 (Foley *et al.*, 1993)
hinesorum Schmidt
irenicus Schmidt
torresiensis Schmidt
Ranci Group (Grjebine, 1966)
griveaudi Grjebine
Ranci Subgroup (Grjebine, 1966)
ranci Grjebine
Roubaudi Subgroup (Grjebine, 1966)
lacani Grjebine
notleyi van Someren
roubaudi Grjebine
Rhodesiensis Group (Gillies & de Meillon, 1968)
cameroni de Meillon & Evans

lounibosi Gillies & Coetzee
rhodesiensis Theobald
 subspecies *rhodesiensis* Theobald
 subspecies *rupicolus* Lewis
rodhaini Leleup & Lips
ruarinus Edwards

Smithii Group (Gillies & de Meillon, 1968)
caroni Adam
faini Leleup
hamoni Adam
jebudensis Froud
lovettae Evans
rageaui Mattingly & Adam
smithii Theobald
vanhoofi Manson & Lebiec
wilsoni Evans

Tessellatus Group (Rattanaarithikul *et al.*, 2006b)
tessellatus Theobald
 subspecies *kalawara* Stoker & Waktoedi
 subspecies *orientalis* (Swellengrebel & Swellengrebel de Graaf)
 subspecies *tessellatus* Theobald

Paramyzomyia Series (Christophers & Barraud, 1931)
Cinereus Group (Gillies & de Meillon, 1968)
azevedoi Ribeiro
cinereus Theobald
 subspecies *cinereus* Theobald
 subspecies *hispaniola* (Theobald)
turkhudi Liston
 subspecies *telamali* Saliternik & Theodor
 subspecies *turkhudi* Liston

Listeri Group (Gillies & de Meillon, 1968)
listeri de Meillon
multicolor Cambouliu
seretsei Abdulla-Khan, Coetzee & Hunt

Pyretophorus Series (Edwards, 1932a)
christyi (Newstead & Carter)
daudi Coluzzi
indefinitus (Ludlow)
limosus King
litoralis King
ludlowae (Theobald)
 subspecies *ludlowae* (Theobald)
 subspecies *torakala* Stoker & Waktoedi
parangensis (Ludlow)
pseudosundaicus Tyagi, Hiriyani, Tewari, Ayanar, Samuel, Arunachalam,
 Paramasivan, Krishnamoorthy, Dhananjeyan, Leo & Rajendran

vagus Dönitz
Gambiae Complex (White, 1985)
arabiensis Patton
bwambae White
comorensis Brunhes, le Goff & Geoffroy
gambiae Giles
melas Theobald
merus Dönitz
quadriannulatus Theobald
quadriannulatus B (Hunt *et al.*, 1998)
Subpictus Complex (Suguna *et al.*, 1994)
subpictus Grassi (species A, B, C and D)
Sundaicus Complex (Sukowati *et al.*, 1999)
epiroticus Linton & Harbach
sundaicus (Rodenwaldt)
sundaicus B and C

Subgenus *Kerteszia* Theobald

auyantepuiensis Harbach & Navarro
bambusicolus Komp
bellator Dyar & Knab
boliviensis (Theobald)
cruzii Dyar & Knab
gonzalezrinconesi Cova García, Pulido F. & Escalante de Ugueto
homunculus Komp
laneanus Corrêa & Cerqueira
lepidotus Zavortink
neivai Howard, Dyar & Knab
pholidotus Zavortink
rollai Cova García, Pulido F. & Escalante de Ugueto

Subgenus *Lophopodomyia* Antunes

gilesi (Peryassú)
gomezdelatorrei Levi-Castillo
oiketorakras Osorno-Mesa
pseudotibiamaculatus Galvão & Barretto
squamifemur Antunes
vargasi Gabaldon, Cova-García & Lopez

Subgenus *Nyssorhynchus* Blanchard

Albimanus Section (Levi Castillo, 1949)
Albimanus Series (Faran, 1980)
albimanus Wiedemann

Oswaldoi Series (Faran, 1980)
Oswaldoi Group (Faran, 1980)
Oswaldoi Subgroup (Faran, 1980)
anomalophyllus Komp
aquasalis Curry
dunhami Causey
evansae (Brethés)
galvaei Causey
inirii Senevet & Abonnenc
konderi Galvão & Damasceno
oswaldoi (Peryassú)
rangeli Gabaldon, Cova-Garcia & Lopez
sanctielii Senevet & Abonnenc
trinkae Faran
Nuneztovari Complex (Conn *et al.*, 1993; Sierra *et al.*, 2004)
goeldii Rozeboom & Gabaldon
nuneztovari Gabaldon (cytotypes B/C)
nuneztovari A
Strodei Subgroup (Faran, 1980)
albertoi Unti
Anopheles CP Form (Sallum *et al.*, 2010)
arthuri Unit
rondoni (Neiva & Pinto)
strodei Root
Benarrochi Complex (Ruiz *et al.*, 2005)
benarrochi Gabaldon, Cova-Garcia & Lopez
benarrochi B (Ruiz *et al.*, 2005)
Triannulatus Group (Faran, 1980)
halophyllus Silva do Nascimento & Lourenço-de-Oliveira
triannulatus (Neiva & Pinto)
Argyritarsis Section (Levi Castillo, 1949)
Albitarsis Series (Linthicum, 1988)
Albitarsis Series (Linthicum, 1988)
Albitarsis Complex (Wilkerson *et al.*, 1995)
albitarsis Lynch Arribálzaga
albitarsis F (Brochero *et al.*, 2007)
deaneorum Rosa-Freitas
janconnae Wilkerson & Sallum
lineage nr *janconnae* (Gutiérrez *et al.*, 2010)
marajoara Galvão & Damasceno
oryzalimnetes Wilkerson & Motoki
Braziliensis Group (Linthicum, 1988)
braziliensis (Chagas)
Argyritarsis Series (Linthicum, 1988)
Argyritarsis Group (Linthicum, 1988)
argyritarsis Robineau-Desvoidy

sawyeri Causey, Deane, Deane & Sampaio
Darlingi Group (Linthicum, 1988)
darlingi Root
Lanei Group (Linthicum, 1988)
lanei Galvão & Lane
Pictipennis Group (Linthicum, 1988)
atacamensis González & Sallum
pictipennis (Philippi)
Myzorhynchella Section (Peyton *et al.*, 1992)
antunesi Galvão & Amaral
guarani Shannon, 1928
lutzii Cruz
nigritarsis (Chagas)
parvus (Chagas)
pristinus Nagaki & Sallum

Subgenus *Stethomyia* Theobald

acanthotorynus Komp
canorii Flock & Abonnenc
kompi Edwards
nimbus (Theobald)
thomasi Shannon

Nomina dubia

africanus Roque
allopha (Peryassú)
arnoulti Grjebine
brachypus Dönitz
costalis Loew
courdurieri Grjebine
jacobi (Hill & Haydon)
minutus Macquart
nero (Doleschall)
pallida (Ludlow)
soalalaensis Grjebine
upemba Lips
vulgaris Hatori

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