

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

## **Genus *Anopheles* Meigen**

### **Subgenus *Anopheles* Meigen**

Angusticorn Section (Reid & Knight, 1961)

*annulipalpis* Lynch Arribálzaga (see Harbach & Kitching, 2015)

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)

*atratispes* 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  
*menglangensis* Ma  
*nilgiricus* 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  
Quadrifasciatus Subgroup (Linton, 2004)  
*beklemishevi* Stegnii & Kabanova  
*diluvialis* Reinert  
*inundatus* Reinert  
*maverlius* Reinert  
*quadrifasciatus* 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)  
*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  
*perysassui* Dyar & Knab  
*pseudomaculipes* (Chagas)  
*punctimacula* Dyar & Knab  
*rachoui* Galvão  
*shannoni* Davis  
*veruslanei* Vargas  
*vestitipennis* Dyar & Knab  
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)  
    *donaldi* Reid  
    *franciscoi* Reid  
    *hodgkini* Reid  
    *pollicaris* Reid  
Barbistrotris Complex (Satoto, 2001)  
    *barbistrotris* van der Wulp  
    *campestris* Reid  
    *dissidens* Taai & Harbach (species III of Paredes-Esquivel *et al.*, 2009)  
    *saeungae* Taai & Harbach (species IV of Paredes-Esquivel *et al.*, 2009)  
    *vanderwulpi* Townson & Harbach  
    *wejchoochotei* Taai & Harbach  
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  
Hyrceanus Group (Reid, 1953)  
    *argyropus* (Swellengrebel)  
    *belenrae* Rueda  
    *chодукini* Martini  
    *engarensis* Kanda & Oguma  
    *hailarensis* Xu & Luo  
    *heiheensis* Ma  
    *hyrcanus* (Pallas)  
    *hyrcanus*<sub>sp1R</sub> (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  
*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**

Celia 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  
*gabonensis* Rahola, Makanga & Paupy, 2014  
*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)  
*leasoni* 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  
*paltrinierii* Shidrawi & Gillies  
*pattoni* Christophers  
*pretoriensis* (Theobald)  
*pulcherrimus* Theobald  
*rufipes* (Gough)  
    subspecies *broussesi* Edwards  
    subspecies *rufipes* (Gough)  
*salbaii* Maffi & Coluzzi  
*stephensi* Liston  
*superpictus* Grassi (species A and B) (Oshaghi *et al.*, 2007; Oshaghi *et al.*, 2008)  
*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  
*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)  
Annulipes Complex (Green, 1972)  
*annulipes* Walker (species A–Q) (Foley *et al.*, 2007b)  
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  
*machardyi* 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 (Rattarithikul *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 Koesoemawinangoen  
Leucosphyrus Subgroup (Peyton, 1990; Sallum *et al.*, 2005b)  
*baisasi* Colless

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)  
  *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 and 5 (Foley *et al.*, 1993)  
  *farauti* 8 (Bower *et al.*, 2008)  
  *hinesorum* Schmidt  
  *irenicus* Schmidt  
  *oreios* Bangs & Harbach, 2014  
  *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 & Lebied  
*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)  
*comorensis* Brunhes, le Goff & Geoffroy  
*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, Dhananjayan, Leo & Rajendran  
*vagus* Dönitz  
Gambiae Complex (White, 1985)  
*amharicus* Hunt, Wilkerson & Coetzee  
*arabiensis* Patton  
*bwambae* White  
*coluzzii* Coetzee & Wilkerson  
*gambiae* Giles  
*melas* Theobald  
*merus* Dönitz  
*quadriannulatus* (Theobald)  
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* (species B, C, D and E) (Dusfour *et al.*, 2007)

### **Subgenus *Christya* Theobald**

*implexus* (Theobald)  
*okuensis* Brunhes, Le Goff & Geoffroy

### **Subgenus *Kerteszia* Theobald**

*auyantepuiensis* Harbach & Navarro  
*bambusicolus* Komp  
*bellator* Dyar & Knab  
*boliviensis* (Theobald)  
*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  
Cruzii Complex (Ramirez & Dessen, 2000a)  
*cruzii* Dyar & Knab (species A, B and C) (Ramirez & Dessen, 2000b)\*

\*More recent studies by de Carvalho-Pinto & Lourenço-de-Oliveira (2004) and Rona *et al.* (2009, 2010a, 2010b, 2013) suggest the complex consists of 4 or 5 species, but how these relate to the three chromosomal species of Ramirez & Dessen (2000b) is not clear.

## Subgenus *Lophopodomyia* Antunes

*gilesi* (Peryassú)  
*gomezdelatorrei* Levi-Castillo  
*oiketorakras* Osorno-Mesa  
*pseudotibiamaculatus* Galvão & Barretto  
*quamifemur* 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

*evansae* (Brèthes)

*galvaei* Causey

*ininii* Senevet & Abonnenc

Konderi Complex (Ruiz-Lopez *et al.*, 2013)

*konderi* Galvão & Damasceno

*An. sp. nr. konderi* (Ruiz-Lopez *et al.*, 2013)

Oswaldoi Complex (Ruiz-Lopez *et al.*, 2013)

*oswaldoi* (Peryassú)

*oswaldoi* A (Ruiz-Lopez *et al.*, 2013)

*oswaldoi* B (Ruiz *et al.*, 2005; Ruiz *et al.*, 2010)

*rangeli* Gabaldon, Cova-Garcia & Lopez

*sanctielii* Senevet & Abonnenc

*trinkae* Faran

Nuneztovari Complex (Mirabello & Conn, 2008; Foster *et al.*, 2013; Scarpassa *et al.*, 2016)

*dunhami* Causey

*goeldii* Rozeboom & Gabaldón

*nuneztovari* Gabaldón

*nuneztovari* lineages 1–5

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)  
     *halophylus* Silva do Nascimento & Lourenço-de-Oliveira  
     *triannulatus* (Neiva & Pinto)  
     *triannulatus* (species C) (Silva-do-Nascimento & Lourenço-de-Oliveira, 2007)  
 Argyratarsis Section (Levi Castillo, 1949)  
 Albitarsis Series (Linthicum, 1988)  
     Albitarsis Group (Linthicum, 1988)  
         Albitarsis Complex (Wilkerson *et al.*, 1995)  
             *albitarsis* Lynch Arribálzaga  
             *albitarsis* (species F, G, H and I) (Brochero *et al.*, 2007; Ruiz-Lopez *et al.*, 2012)  
             *deaneorum* Rosa-Freitas  
             *janconnae* Wilkerson & Sallum  
             lineage nr *janconnae* (Gutiérrez *et al.*, 2010)  
             *marajoara* Galvão & Damasceno (lineages 1 and 2) (McKeon *et al.*, 2010)  
             *oryzalimnetes* Wilkerson & Motoki  
         Braziliensis Group (Linthicum, 1988)  
             *braziliensis* (Chagas)  
     Argyratarsis Series (Linthicum, 1988)  
         Argyratarsis Group (Linthicum, 1988)  
             *argyratarsis* Robineau-Desvoidy  
             *sawyeri* Causey, Deane, Deane & Sampaio  
     Darlingi Group (Linthicum, 1988)  
         *darlingi* Root  
     Lanei Group (Linthicum, 1988)  
         *lanei* Galvão & Franco do Amaral  
     Pictipennis Group (Linthicum, 1988)  
         *atacamensis* González & Sallum  
         *pictipennis* (Philippi)  
 Myzorhynchella Section (Peyton *et al.*, 1992)  
     *antunesi* Galvão & Franco do Amaral  
     *guarani* Shannon, 1928  
     *lutzii* Cruz  
     *nigritarsis* (Chagas)  
     *parvus* (Chagas)  
     *pristinus* Nagaki & Sallum

### **Subgenus *Stethomyia* Theobald**

*acanthotorynus* Komp  
*canorii* Flock & Abonnenc  
*komp* 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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