

Simple Key to Some Common Georgia Mosquitoes

This key is for female mosquitoes only. Male mosquitoes can be distinguished from females by their extremely bushy antenna (see pictures). The genitalia at the end of the male abdomen look like ice tongs.

- 1A. Palpi long & broad; proboscis stout & curved downward_____ *Toxorhynchites* spp
1B. Tuft of hairs on postnotum; top of abdomen dark, bottom white_____ *Wyeomyia* spp
1C. Small mosquito with bluish iridescent scales_____ *Uranotaenia* spp
1D. Palpi as long as proboscis_____ 2
1E. Palpi short_____ 3
- 2A. Wings with yellow and dark patches_____ *Anopheles punctipennis*
2B. Wings with yellow and dark patches, palpi white at tips_____ *Anopheles crucians*
2C. Wings with dark patches only; palpi dark at tips_____ *Anopheles quadrimaculatis*
2D. Wings with dark patches only; palpi white at tips_____ *Anopheles walkeri*
2E. None of the above_____ *Anopheles* spp
- 3A. Abdomen bluntly rounded at tip (see pictures)_____ 4
3B. Abdomen pointed at tip (see pictures)_____ 5
- 4A. Delicate lines on scutum; hind tarsi banded across the joints_____ *Orthopodomyia* spp
4B. Hind tarsi banded across joints; scutum without lines_____ *Culex tarsalis*
4C. Proboscis with white band; banding on hind tibia (see pictures)___ *Coquillettidia perturbans*
4D. Scales on dorsal surface of wing very broad_____ *Mansonia* spp
4E. Antennae much longer than proboscis_____ *Deinocerites* spp
4F. Proboscis & legs without bands; generally dark to light brown in color_____ 6
- 5A. Dorsal segments of abdomen with pale scales apically, or if absent, hind tibia with long, erect scales..... *Psorophora* spp
5B. Dorsal segments with pale scales basally, hind tibia never with long, erect scales..... *Aedes* or *Ochlerotatus* spp
- 6A. Row of bristles on underside of wing near body; wing with cross-vein nearly in a line, prespiracular bristles present; proboscis long and thin..... *Culiseta* spp
6B. No bristles on underside of wing; no spiracular bristles; wings with cross-vein separated by their own length..... *Culex* spp

Psorophora spp

- 1A. Salt & pepper wing pattern; narrow, pale subapical band on hindleg.....2
- 1B. Wings mostly dark; no subapical band on hindleg.....3

- 2A. Hindlegs with pale bands..... *Ps columbiae*
- 2B. Hindlegs mostly pale; wings with definite pattern..... *Ps discolor*

- 3A. Long, erect scales on hindleg; last segment of leg is not entirely white.....4
- 3B. No long, erect scales on hindleg, or if scales are long, end of leg is entirely white.....5

- 4A. Very long leg scales; stripe of narrow golden scales down middle of the scutum; proboscis yellow-scaled..... *Ps ciliata*
- 4B. Proboscis dark-scaled; middle of scutum dark scaled..... *Ps howardii*

- 5A. Hindlegs dark; dorsal patches of golden scales on abdomen..... *Ps cyanescens*
- 5B. Hindlegs with some pale scales.....6

- 6A. Only the 2nd-last hindleg segment (hindtarsomere 4) is white; other segments are dark..... *Ps mathesoni*
- 6B. Two or three segments at end of hindleg are white.....7

- 7A. No pattern on scutum..... *Ps ferox*
- 7B. Sides of scutum pale scaled..... *Ps horrida*

Aedes or *Ochlerotatus* spp

- 1A. Hindlegs with pale bands.....2
- 1B. Hindlegs with no bands.....3

- 2A. Bands on hindlegs at top of segment.....4
- 2B. Bands on hindlegs cross joint.....5

- 3A. Silvery-white scales on sides of thorax; end of abdomen compressed laterally (like a flea)..... *Oc. triseriatus* (LAC vector)
- 3B. End of abdomen not flattened..... *Ochlerotatus* spp

- 4A. Proboscis with white band.....saltmarsh *Ochlerotatus* spp
- 4B. Proboscis with no white band.....6

- 5A. Hindlegs with broad bands across the joints; last leg segment pale; thorax golden brown..... *Oc canadensis*
- 5B. Hindlegs with narrow bands across joints, last leg segment dark..... *Ochlerotatus* spp

- 6A. Scutum with single narrow strip of white scale; white stripe down back of head, ends of palps white; broad bands on hind legs..... *Ae albopictus*
- 6B. Narrow stripe on hind legs; B-shaped pale bands on abdomen..... *Ae vexans*

Culex erraticus:

1. Several rows of broad flat scales on head behind eyes
2. Sides of thorax very dark brown
3. End of abdomen generally squared
4. Small mosquito

Culex nigripalpus:

1. Abdomen and legs very dark
2. Narrow bands on sides of the last few segments of the abdomen

Culex quinquefasciatus:

1. Light-brown color
2. Coarse scales on thorax
3. Pale bands on abdomen are half-moon shape

Culex restuans:

1. Somewhat reddish-brown in color
2. Smaller, smoother scales on thorax
3. Pale bands on abdomen narrow and straight
4. Two small pale dots on scutum

Culex salinarius:

1. Somewhat yellowish in color
2. Very narrow pale bands on abdomen
3. Last one or two segments of abdomen yellowish-white