Wings with small cross-veins near the middle, not broad and pointed, the veins hairy and conspicuously fringed along the hind margin; wings when at rest not roof-shaped. Mosquitoes. . . . . CULICIDÆ

12. Third joint of the antennæ complex; basal cells of wings long. 13
Antennæ composed of three simple joints, the third not annulated or segmentated, with or without a dorsal arista, or terminal style or arista. 19

13. Empodia undeveloped or bristle-like; antennæ elongate, composed of four or five joints, without differentiated style or arista; vertex and front hollowed out transversely between the eyes; eyes of male never contiguous. . . . 26
Empodia developed pulvilliform; third antennal joint more or less distinctly segmentated or annulated; body not bristly 14

14. Tegulæ rather large; third longitudinal vein furcate; five posterior cells always present; the costal vein encompasses the whole margin of the wing; proboscis of the female adapted for piercing; third joint of antennæ with from three to eight annuli, never with style or bristle. Horseflies. . TABANIDÆ
Tegulæ small or rudimentary; mostly flower-flies. (See Notacantha.) 15

15. Tibiæ wholly without terminal spurs; longitudinal veins of the wings usually crowded anteriorly, those posteriorly often weak; the costal vein does not reach beyond the tip of the wing; antennæ long or short, with or without a terminal or dorsal arista or terminal style. . . STRATIOMYIDÆ
The middle tibiæ at least, with distinct spurs; the costal vein encompasses the entire wing; third longitudinal vein always furcate, and five posterior cells always present. . . 16

16. All the tibiæ with spurs; third joint of antennæ sometimes divided into separate divisions. . . . XYLOPHAGIDÆ
Front tibiæ without spurs. 17

17. Fourth posterior cell of wings closed (Subula).
STRATIOMYIDÆ, pt.
Fourth posterior cell open (Arthrocerinæ.) 18

18. Face projecting on each side into a rounded conical protuberance. . . . . GLUTOPS
Face with two diverging furrows. . . . ARTHROCERAS