

4. A complete discal cell present; ocelli present; empodia developed pulvilliform, pulvilli rudimentary. RHYTHIDÆ
No discal cell. 5
5. Wings with only a few longitudinal veins, and no cross-veins; coxæ not elongate, tibiæ without terminal spurs, legs not thickened; ocelli present or absent; small or minute, delicate, mostly gall-producing flies. CECIDOMYIDÆ
Not such flies, wings usually many-veined. 6
6. Ocelli present. 7
Ocelli wanting (compare Mycetophilidæ.) 9
7. Wings broad, bare, characteristically marked by numerous folds between the veins, giving a netted, spiderweb-like appearance. BLEPHAROCERIDÆ
Wings not so marked; no entire transverse suture. 8
8. Coxæ much elongated (moderately so in Sciariinæ); antennæ often elongate, the joints constricted; three or two ocelli (in the latter case situated near the eyes, and often hardly perceptible); all the tibiæ with spurs. MYCETOPHILIDÆ
Coxæ short, the thorax rounded, not humped, above; antennæ shorter than the thorax, thickened, the joints closely united without marked constrictions; legs strong, the front femora often thickened; empodia pulvilliform, the pulvilli sometimes absent; eyes of male large. BIBIONIDÆ
9. The costa! or marginal vein does not extend beyond the tip of the wing. 10
The marginal vein encompasses the entire wing. 11
10. Antennæ slender, the joints more or less constricted, and often bushy plumose; legs slender, hind tibiæ and metatarsi never dilated; body and abdomen slender; wings narrow. CHIRONOMIDÆ
Antennæ shorter than the thorax, the joints broadly and closely united, without marked constrictions, and never hairy or pilose; legs strong, hind pair more or less dilated; body thick-set, abdomen ovate; wings broad, bare, the anterior veins stouter, the posterior ones weak. Black-flies, buffalo-gnats. SIMULIDÆ
11. Wings distally, with ten longitudinal veins, without cross-veins, broad, pointed, veins strongly hairy; tibiæ without terminal spurs; small, lepidoptera-like flies, the wings, when at rest, folded roof-shaped. PSYCHODIDÆ