

approximated to the first longitudinal vein. Head prolonged in two lateral apophyses bearing the eyes; front bristly only on the upper part; border of the mouth with no vibrissæ. Anterior femora incrassated.

PIOPHILIDÆ.

The auxiliary vein, on its whole length, is coalescent with the first longitudinal vein; with this exception the neururation of the wings is complete. Front with some small bristles above only; border of the mouth with a vibrissa on each side; clypeus rudimentary; legs rather stout, almost of the structure of those of the *Scionyzidæ*; middle tibiæ with spurs; all the tibiæ without erect bristle on the exterior side before the tip.

EPHYDRIDÆ.

Face convex, with no distinct furrows for the reception of the antennæ and without vibrissæ, though frequently beset with hairs or bristles; clypeus very much developed; opening of the mouth large; proboscis incrassated with a swollen chin. Neururation of the wings incomplete; the auxiliary vein distinct only at its base; the foremost of the two small basal cells reunited with the discal cell. Middle tibiæ with spurs.

GEOMYZIDÆ.

Front with stout bristles above; border of the mouth with vibrissæ. Clypeus rudimentary. Middle tibiæ with spurs; all the tibiæ with a small erect hair on the exterior side before the tip. Wings with bristles on the costa; first longitudinal vein exceedingly abbreviated, and the auxiliary vein so approximated to it that it is distinctly separated from it only towards the base; the two posterior basal cells very small.

DROSOPHILIDÆ.

Front with bristles above; face with distinct sub-antennal furrows; at the border of the mouth there is a feeble, frequently rather indistinct small vibrissa. Middle tibiæ with very feeble spurs; on the exterior side of the tibiæ there is either a very small or no erect bristle before the tip. Wings without bristles on the costa; the first longitudinal vein is exceedingly abbreviated; of the auxiliary vein there is only a rudiment; the discal cell is usually, but not in all genera, united with the foremost of the two small basal cells. Claws and pulvilli very small.

OSCINIDÆ.

Front without bristles, the crown having only a few short ones; border of the mouth without vibrissæ, which, however, are represented sometimes by a small hair on each side. Middle tibiæ with small spurs; all the tibiæ without erect bristle on the exterior side before the tip. Costa of the wings without bristles. The auxiliary vein is completely wanting; the anterior of the two small basal cells is united with the discal cell, the posterior one is totally wanting.