

It is believed, however, that these difficulties have been surmounted and that other students will now have no trouble in recognizing these subfamilies by the use of the following table:

Table of Subfamilies.

Cubitus originating from the subcostal vein beyond the apex of the basal nervure.....2.

Cubitus originating from the apex of the basal nervure or only a little away from it.

Costal vein slender towards base, but very much thickened or broadened at apical one-third; marginal cell not appendiculated and with no space between its apex and the costal margin; antennæ short, filiform in both sexes, from 6-10-jointed.....Subfamily I., Lobocerinae.

Costal vein not very much thickened and almost of a uniform thickness throughout; marginal cell at apex a little away from the costal margin, and appendiculated; first dorsal abdominal segment emarginate, or with a median slit; ♀ antennæ short clavate, 5-8-jointed, or filiform subdentate, 14-20-jointed; antennæ usually ramose or flabellate.....Subfamily II., Pterygophorinae.

2. Submedian cell always shorter than the median, the transverse median nervure joining the median vein very much *before* the origin of the basal nervure; ♀ antennæ filiform, the flagellar joints subdentate beneath, or clavate; ♂ antennæ flabellate or ramose; first dorsal abdominal segment with a median slit.....Subfamily II., Pterygophorinae.

Submedian and median cells equal or nearly so, the transverse median nervure being interstitial with the basal nervure; antennæ short clavate in both sexes, 6- or 7-jointed; first dorsal abdominal segment entire.....Subfamily III., Perginae.

Subfamily I.—LOBOCERINÆ.

This group, but without proper characterization, was first recognized as a subfamily by Mr. W. F. Kirby, of the British Museum, who placed in it only three genera, viz.: *Perantherix*, Westw. (= *Acordulecera*, Say); *Loboceras*, Kirby. and *Aulacomeres*, Spinola. The other genera, recorded below, he placed with the Cimbicidæ.

The subfamily is very sharply separated from the other two subfamilies, here defined for the first time, by the characters made use of in my table.