

tubercles elevated on the inner side, forehead flat, moderately wide. Wings long and slender, with cubitus twice forked. Nectaries one-fourth the length of the body and very robust, being enlarged at the middle and base. Cauda one-fourth the length of the nectaries, oblong and globular at the tip; base broad, tapering to a constriction at the connection with the base. Anal plate broad and slightly emarginated.

Drepanaphis Del Guercio, 1909.*

type, *D. acerifolia* Thomas.

Syn.: *Phymatosiphum* Davis,¹ 1909.

Characters: Antennæ at least twice as long as the body and situated on distinct antennal tubercles; spur of sixth segment eight times as long as the segment; third segment shorter than spur of sixth. Antennæ very slender and tapering. Forehead convex, body robust, and bearing finger-like projections on the dorsal portion of the abdomen. Nectaries about one-fifth the length of the body, swollen at the base and tapering outwardly. Cauda one-half the length of the nectaries and globular at the tip, base broad and tapering towards the constriction between the base and the tip. Anal plate seemingly divided longitudinally and slightly emarginated in the middle.

Calaphis Walsh, 1863.†

type, *C. betulella* Walsh.

Characters: Antennæ much longer than the body, with segments 3, 4 and 5 more or less hairy, and sixth about one-half the length of the spur. Antennal tubercles large and broad, with bases almost together, giving the forehead a narrow appearance and forming with it a U. Thorax long and slender, nectaries spindle-shaped and short, being equal in length to the cauda. Cauda, thick, short and globular at the tip; base broad and about two-thirds as wide as long. Anal plates slightly emarginated, lobes rounded. Sides of abdomen with prominent tubercles, each one bearing a single hair. Wings long and slender, veins thick and dark, deflexed when at rest.

Euceraphis Walker, 1870.‡

type, *A. betulae* Linnæus.

Characters: Antennæ about one and one-half times as long as the body, and placed on large tubercles; spur of sixth segment slender and

*Rivista di Patologia Vegetale, Vol. p. 2.

1. Annals of the Entomological Society of America, Vol. 2, p. 196.

†Proceedings of the Entomological Society of Philadelphia, Vol. 1, p. 301.

‡The Zoologist, p. 2001, 1870, London.