
SUPPLEMENTARY NOTE ON THE ANTHOMYIID GENUS
PHYLLOGASTER (DIPTERA).

BY J. R. MALLOCH, URBANA, ILL.

Since sending my paper, on the genus *Phyllogaster*, which appeared in Can. Ent., XLIX, p. 227-228, 1917, I have read C. W. Johnson's paper in the April number of the same volume, in which he describes a new species of this genus under the name *robustus*. An examination of paratypes of *robustus* discloses the fact that in addition to the difference in size between the species and *cordyluroides* the male may readily be separated from the latter and also from *littoralis* by the presence of a large number of strong bristles on the basal dorsal segment of the hypopygium (two in the others) and the much larger pulvilli which exceed in length that of the apical tarsal joint, whereas in the others they are much shorter than it. The female of *robustus* has two thorns on apical abdominal segment, *littoralis* has four, the female of *cordyluroides* is unknown to me. As in *cordyluroides* the third vein of the wing is bare in *robustus*.

THE GENUS HADRONEMA UHL. (MIRIDÆ;
HETEROPTERA.)

BY EDMUND H. GIBSON, U. S. BUREAU OF ENTOMOLOGY.

The flower bugs of the genus *Hadronema* Uhl. constitute an interesting little group closely allied to the genus *Lopedia* Uhl. species of which are known to most collectors of insects, such as the common Phlox bug. Those of *Hadronema* may be distinguished from the species of *Lopedia* by the fact that the base of the vertex is strongly carinate across its whole width.

Most of the species are of western occurrence, though, *militaris* Uhl., the haplotype of the genus, is distributed over the entire United States and Southern Canada. Little is known of the economic importance of the species, and in all probability they are but little restricted in food preferences.

The genus belongs to the division *Lopediaria* Van D. of the tribe *Orthotylini* Van D. and was characterized by Uhler as follows: Aspect of *Lopus*, cranium somewhat convex, face almost vertical, eyes prominent, oval, almost vertical; occiput with a

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