

general, are longitudinal in direction, but behind the middle slope somewhat towards the suture. The front of the head and the legs are red.

COPELATUS, Er.

Here belongs *C. glypticus*, Say, which is peculiar on account of the distinct elytral striae. Colour rufo-piceous, legs paler. Length. .19 to .24 in.

MATUS, Aubé.

Elongate, brownish-red, thorax rounded at the sides, anterior angles acute. Length, .32 in. Easily recognized by the elongate form and peculiar colour. Our species is *M. bicarinatus*, Say.

AGABETES, Crotch.

Oblong-oval, black, beneath reddish. Thorax very short, sides rounded, lateral margin reddish; elytra with reddish humeri, the surface covered with minute short scratches. Length, .27 in. *A. acuductus*, Harr.

AGABUS, Leach.

The species of *Agabus* are very numerous, and, from their extreme similarity in some parts of the series, difficult to separate. While none of them are very large, most of them are above a quarter of an inch in length; the colour is usually blackish, often more or less metallic, rarely variegate. They may often be found under stones in wet grassy places, or around the roots of plants in marshes and shallow pools; the swimming legs are usually rather feebly developed.

It has been deemed unwise to attempt a synoptic table, several of the Canadian species not being at hand for study. We have, therefore, been content to follow in the main the arrangement of Mr. Crotch, with the addition of such species as have been described since the publication of his paper, and such changes of nomenclature as seem necessary to bring it into correspondence with recent researches. The groups are based on the form of the male claws, the females offering too few characters of value to enable them to be identified in many cases without the corresponding males. This latter sex has the anterior tarsi more or less swollen, the joints beneath being clothed with hairs usually tipped with minute disks.

Group I. Anterior external claw in the ♂ very elongate, broadly dilated, internal one elongate and sinuate.

*A. erythropterus*, Say. Oval, convex, black, opaque; legs, margins of ventral segments and elytra yellowish brown, the sides and humeral angles paler. Surface of elytra closely reticulate, dorsal punctures obsolete. .37 in.