

THE SUPERFAMILY IPOIDEA (SCOLYTOIDEA).

This subfamily is distinguished from the rest of the Rhynchophora, and from all other Coleoptera, by the following characters:—

The submentum not strongly produced behind; the beak very short or indistinct; the antennæ geniculate and clavate; the tarsi five-segmented; the maxillary palpi rigid; the tibiæ usually serrate.

FAMILIES IN THE IPOIDEA.

Tarsi with segment 1 as long as the others united (Pl. 21, fig. 4).

PLATYPODIDÆ. Page 38.

Tarsi with segment 1 much shorter than the others united (Pl. 9, fig. 34).

IPIDÆ. Page 38.

The family *Platypodidæ* is represented in our area by one genus, *Platypus*, and one species, *wilsoni* Sw.

Platypus wilsoni Sw.; Can. Ent., 48: 97, 1916.

Length, 5.5 mm.; width, 1.3 mm.; the male elytra are individually produced at the apex (Pl. 21, fig. 3).

This is the most destructive Ambrosia beetle of the Pacific coast of British Columbia; its black tunnels penetrate the wood often for more than a foot. It attacks unhealthy and dying trees and felled logs of British Columbia Coast conifers except pine,¹ cedar, and yellow cedar.

THE FAMILY IPIDÆ.

SUBFAMILIES OF THE IPIDÆ.

- A The anterior tibiæ produced into a prominent process at the outer apical angle (Pl. 9, figs. 16, 17). **ECCOPTOGASTERINÆ.** Page 39.
- AA The anterior tibiæ not strongly produced at the outer apical angle (Pl. 9, figs. 23, 24).
 - B The head visible from above; the pronotum rarely more strongly roughened in front (Pl. 12, figs. 1, 2). **HYLESININÆ.** Page 39.
 - BB The head subglobose, concealed from above by the pronotum; the pronotum usually distinctly more strongly roughened in front (Pl. 13, fig. 4).
 - C The anterior tibiæ with the sides nearly parallel, not widened distally; the antennal funicle usually 6-segmented; the first two visible ventral segments of the abdomen subequal and each as long as the last three united, (Pl. 10, fig. 19). **MICRACINÆ.** Page 44.
 - CC The anterior tibiæ widened distally and serrate on the outer margin (Pl. 13, fig. 3); the antennal funicle with less than six segments. **IPINÆ.** Page 44.

¹ One doubtful record from Western White Pine.