

the removal of dead and fallen timber, and to its replacement by a fresh growth. Comparatively few of the species, probably, attack perfectly vigorous plants, but the injured, dead and fallen individuals are soon thoroughly infested. The eggs laid in crevices of the bark, or in incisions made specially therein, soon produce the grubs which, burrowing first in the juicy outer layer beneath the bark, gradually, as they increase in size, penetrate deeper into the wood, and before they reach maturity many of the species bore long tunnels deep into the trunks even of large trees. These tunnels receive and retain moisture and in them fungi find a foothold, and they thus become centres of disintegration and decay.

In the classification of the Coleoptera of North America, by Leconte and Horn, three subfamilies are recognized and are separated as follows :

Frothorax margined, labrum connate.

PRIONINÆ.

Prothorax not margined, labrum free.

Front tibiæ not grooved.

CERAMBYCINÆ.

Front tibiæ grooved.

LAMIINÆ

Of the PRIONINÆ we have only two representatives, viz. *Orthosoma brunneum* Forst. and *Tragosoma Harrisii* Lec. The former is slightly the largest, attaining a length of 1.5 inches. It is a smooth, brownish beetle with stout antennæ, and the short thorax is armed on each side with three teeth. *T. Harrisii*, while hardly so long, is broader and more robust, darker in colour and with densely hairy thorax and striated elytra. These beetles both infest pine, although the grubs of the former at least are occasionally found in other trees.

The second sub-family, CERAMBYCINÆ, contains the majority of our species, although many of its tribes are not represented in our fauna.

Tribe I, Asemini, is represented by three genera, *Aseum*, *Criocephalus* and *Tetropium*, each represented by one species.

These are rather softish beetles of dull black or brownish colour, infesting pines, and probably other conifers. *Tetropium* can be readily recognized by the divided eyes.

Tribe II, Callidiini, has seven genera represented; the eleven