

Determination of *Hylotrupes bajulus* (Coleoptera: Cerambycidae) in log and factory depots in Western Black Sea Region of Turkey

- *Mesut Yalçın, Çağlar Akçay, Süleyman Akbulut*

Hylotrupes bajulus

The old-house borer is a wood boring beetle of the Cerambycidae family and Coleoptera order.

It is a serious pest of seasoned coniferous timbers such as pine, fir and spruce (particularly *Pinus* spp.) and cause major structural damage to buildings.

Originating in Europe, the old-house borer now has a worldwide distribution, including the Mediterranean, South Africa, Asia, USA and Canada, and Australia.

Hylotrupes bajulus shows a wide spread in Turkey.



Purpose of the study

The aim of this study was to determination of *Hylotrupes bajulus*, which damages on woods in some log depots and wood factory areas in the Western Black Sea region, Turkey.

When the examined based on wood species, *Hylotrupes bajulus* larvae and pupae were found on pine species. It was also detected that the insect showed rapid spreading in depots where especially Scotch pine woods were found and hold in there.

According to results, *Hylotrupes bajulus* which is an important wood destroying insect has spread widely in Turkey's Western Black Sea Region.

The study was carried out in 2015 and 2016 years.

Pheromone trap system and trap woods were used to catch the insects

Woods should not hold in wood depots for more years. On the other hand pheromone trap systems should set up in the areas of using pine species in factories and by this way spreading of insects has to prevent.