

## Common Hebrew character - *Orthosia gothica* L.

The wingspan of the moth is 30-35 mm. The forewings are reddish brown, with a characteristic, elongated U-shaped dot. The hindwings are brownish grey.

The host plants of the caterpillar include linden, oaks, alder, *Carpinus*, and many other broad-leave forest trees. Occasional damages have been reported on plums, cherries and apple, especially in orchards near to forests.

There is a single damaging period in each year in May-June. The caterpillars feed on the leaves, later they can damage also the forming fruits. They are carnivorous; can feed on other, smaller caterpillars.

The pheromone trap should be placed at the height of 1 - 1.5 m near the trunks of trees, on branches of trees and bushes. Usual starting date for trapping is beginning of March (Hungary).

Selectivity of the CSALOMON® trap (based on tests performed in Hungary): no other noctuids with similar shape and size are attracted to the trap during the usual flight period of the common Hebrew character. Occasionally some

catches of the much smaller noctuid *Heliothis cardui* can be observed, especially later in the spring.

A CSALOMON® pheromone trap starts slowly to decrease its attractive activity after 4-6 weeks

of field exposure (depending on actual weather conditions). After this period it is advisable to set up a new trap for reliable detection and monitoring.

Trap design recommended: for detection our sticky trap design (RAG) is most suitable. It proved to be excellent and very sensitive for detection of occurrence and monitoring of flight dynamics of the species.

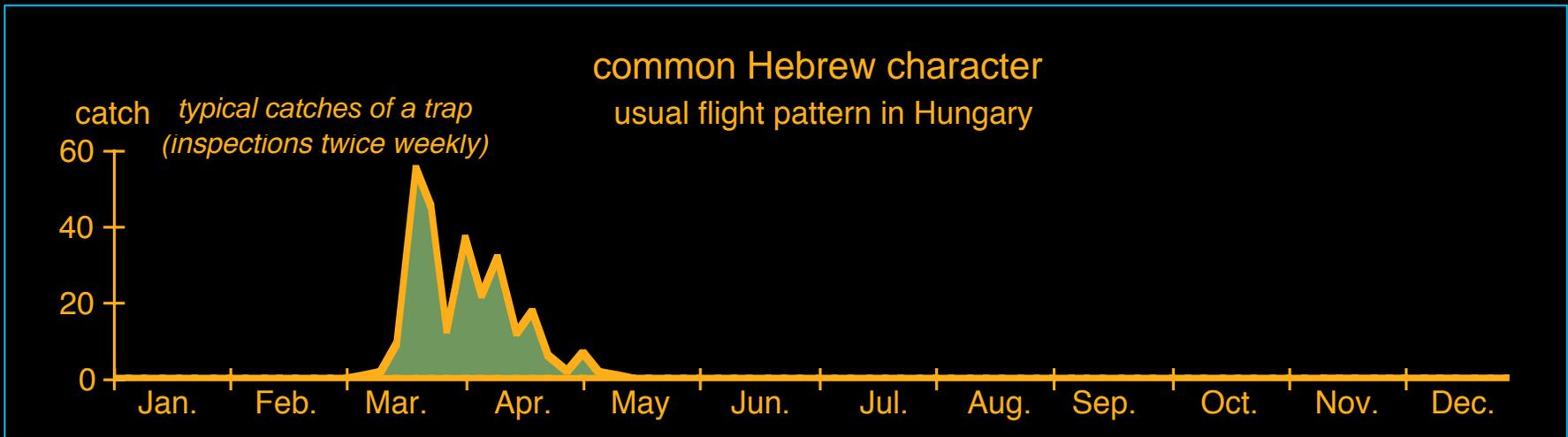


**The damage of the larva, which should be averted**

The sticky insert can become saturated with captured specimens within a relatively short period (1-2 days even) at high population densities, so frequent renewal of sticky inserts may become necessary!

There are few references in the literature dealing with the identification, synthesis and application of the sex attractant of the common Hebrew character:

*Tóth et al., Z. Naturforsch., 47c:613-617, 1992.*



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**To order / to inquire:** MTA ATK Növényvédelmi Intézet (Plant Prot. Inst. MTA ATK) Budapest, Pf 102, H-1525, Hungary; phone. +(36-1)-391-8637, +(36)-30-9824999; fax +(36-1)-3918655; e-mail: <csalomon.orders@julia-nki.hu> or <h2371tot@ella.hu>; internet: <<http://www.julia-nki.hu/traps/>>.



Photo: Nagy Z. L.

So it looks when caught in the CSALOMON® RAG trap!