

Small quaker - *Orthosia cruda* Den. et Schiff.

The moth has a wingspan of 29-30 mm. The color of the forewings is variable, mostly “peppered” grayish-yellowish. The contoured reniform spot is well visible. The host plants of the caterpillar include many broad-leave forest trees, as oak, maple linden, elm. The larvae feed on the leaves.

The pheromone trap should be placed at the height of 0.5 - 1m 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): in Hungary no other moth species is attracted during the usual flight period of the small quaker.

A CSALOMON® pheromone trap starts slowly to decrease its attractive activity after 4-6 weeks of field exposure (depending on actual weather conditions).

The larva and its damage, which should be averted

After this period it is advisable to set up a new trap for reliable detection and monitoring.

The moth, which is captured in the trap

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 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.

For catching large numbers of moths and/or for quantitative monitoring the funnel (VARL+) design can be recommended.

In case of the funnel design it is advisable to kill the moths



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captured by placing a killing agent (not provided with the trap) into the catch container.

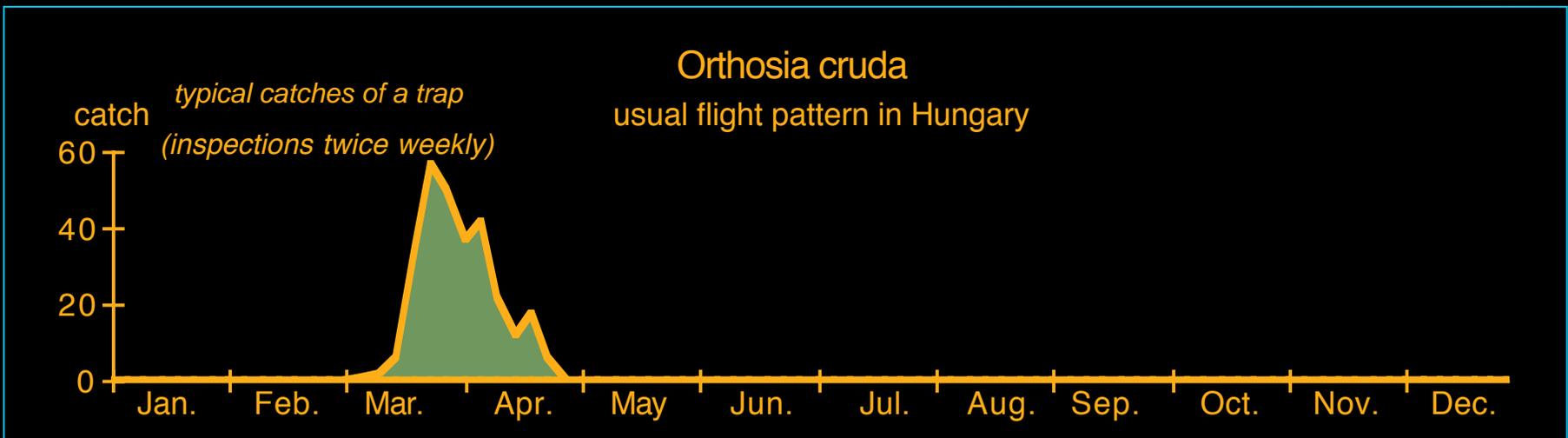
There are few references in the literature dealing with the identification, synthesis and application of the sex attractant of the small quaker:

Booij C.J.H. and Voerman S. Ent. exp. & appl. 36:15-16, 1984; Tóth et al. Z. angew. Entomol. 115:342-349, 1993.

The larva, which should be averted



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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/>>.



The funnel VARL+ traps can capture very large numbers without saturating.

So it looks when caught in the CSALOMON® RAG trap, which, although can be used for detection, can get saturated with the catch relatively fast.