

Common quaker - *Orthosia stabilis* Den. et Schiff.

The moth has a wingspan of 31-33 mm. The color of the forewings is brownish-yellowish.

The contoured reniform and orbicular spots, and a crossline along the edge are well visible.



The moth, which is captured in the trap

The host plants of the caterpillar include many broad-leave forest trees, as oak, beech, linden, poplar. The larvae feed on the leaves. Occasional damages have been reported on plums (Spain), on cherry and apples (France), and on several other orchard trees.

The pheromone trap should be placed at the height of 0.5 - 1 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): in Hungary occasionally some catches of the noctuid *Polyphoca ridens* can be observed, which can be told apart easily from the common quaker on the basis of its differing wing pattern and colour.

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 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 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 common quaker: *Tóth et al. Z. angew. Entomol. 115:342-349, 1993.*



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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/>>.

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

10 mm

Orthosia stabilis