

## Pine shoot moth - *Evetria buoliana* Den & Schiff.

The body of the moth is 8 mm long, the wingspan is 18-23 mm. The basic colour of its forewings is brick-red, with transversal silvery lines. The hindwings are brownish-gray.

The host plants of the larva include firs, like *Pinus silvestris* and *P. nigra*.  
Damage: the central shoot of young trees dies off, later one of the lateral shoots takes its place, resulting in a permanent "S"-shape in the tree trunk. The pheromone trap should be suspended from branches at a height of 2 - 2.5 m in the tree canopy. Usual beginning of trapping in Hungary is middle of May.

Selectivity of the CSALOMON® trap (based on tests performed in Hungary): depending on the locality the trap can catch sizeable numbers of *Cnephasia* spp., which are smaller, and the pyralid *Pyrausta verticalis*, which is much larger and has a triangular wings of yellow colour. None of these will have similar wing patterns as those of



The moth, which is captured in the trap



www.forestpests.org

www.pflanzengallen.de



The damage of the larva, which should be averted

cfs.nrcan.gc.ca



*E. buoliana*.

Longevity of the CSALOMON® trap in field conditions: depending on the warmth of the weather at least 4-6 weeks. After this period we suggest to set up a new trap for most effective detection and monitoring. Renewal of sticky inserts in intervals of 7-10 days. In case of high catches this may become necessary more often. Pheromone traps can be used for detecting the occurrence and for monitoring the flight pattern of the pest.

In case of favourable weather several flight maxima can develop within the season.

Some selected references connected with the application of pheromone traps against *E. buoliana*. [1]

[1] Daterman, *Environ. Entomol.*, 4:944-946, 1975, Cankov G. Gorskostop. *Nauka*, 14:71-78, 1977, Preiss, *Z. Angew. Entomol.*, 83:311-317, 1977, Gál, *Erdo.*, 26:325-327, 1977, Burzynski, *Sylwan.*, 124:41-46, 1980, Burzynski, *Pr. Inst. Badaw. Lesn.*, 3-17, 1980, Maksimovic, *Zast. Bilja. Plant. Prot.*, 33:5-14, 1982.



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*The larva and its damage, which should be averted*



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Photo: Nagy Z. L.

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