

This short description was prepared in the framework of the EU FP7 project DROPSA - Strategies to develop effective, innovative and practical approaches to protect major European fruit crops from pests and pathogens (grant agreement no. 613678). This pest was listed in the DROPSA alert list for *Vaccinium* fruit.

Acleris minuta (Lepidoptera: Tortricidae)

Fruit pathway: larvae feed superficially on berries (Averill and Sylvia, 1998, for cranberry).

Other pathways: plants for planting, cut branches; larvae feed on leaves, web leaves together or fold single leaves; eggs on bark or leaves (Gilligan and Epstein, 2014; Averill and Sylvia, 1998; OSU, no date).

Hosts: Polyphagous, incl. *Vaccinium macrocarpon*, *Malus domestica* (CABI CPC), *Calluna*, *Kalmia angustifolia*, *Kalmia*, *Vaccinium*, *Myrica gale*, *Malus pumila*, *Malus*, *Prunus* (as peach, plum), *Pyrus*, *Salix* (Brown et al., 2008).

Distribution: North America: USA, Canada (Brown, 2008; OSU, no date). Brown et al. (2008) also mentions Europe, based on Benander (1934), which probably relates to Sweden. No record was found for Sweden or any European countries; in particular, the pest is not in de Jong et al. (2014 – Fauna Europaea).

Damage: Total defoliation is mentioned in Brown (2008). Several publications tend to point to damage only in the past (on apple, plum, cranberry in Gilligan and Epstein, 2014; on huckleberry, blueberry in Averill and Sylvia, 1998).

Recorded impact: Moderate (in the past)	Intercepted: Not known	Spreading/invasive: Not known
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References:

- Averill AL, Sylvia MM. 1998. Cranberry Insects of the Northeast: A Guide to Identification, Biology, and Management. UMass Extension. 112 pp.
- Brown JW, Robinson G, Powell JA. 2008. Food plant database of the leafrollers of the world (Lepidoptera: Tortricidae) (Version 1.0). <http://www.tortricid.net/foodplants.asp>.
- CABI CPC. Crop Protection Compendium. CAB International, UK. <http://www.cabi.org/cpc>
- de Jong Y et al. 2014. Fauna Europaea - all European animal species on the web. Biodiversity Data Journal 2: e4034. doi: 10.3897/BDJ.2.e4034.
- Gilligan TM, Epstein M. 2014. Tortricids of Agricultural Importance. Interactive Keys developed in Lucid 3.5. Last updated August 2014. <http://idtools.org/id/leps/tortai/index.html>
- OSU. No date. Codling Moth Information Support System (CMISS). Natural Enemies of Codling Moth and Leafrollers of Pome and Stone Fruits. Integrated Plant Protection Center, Oregon State University. <http://www.ipmnet.org/codlingmoth/biocontrol/natural/> (accessed August 2015).