

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.

Cingilia catenaria (Lepidoptera: Geometridae)

Fruit pathway: larvae feed on fruit (IPM Centers, 1999; Blatt et al, 1989).

Other pathways: plants for planting; larvae also feed on leaves, eggs are on leaves and overwinter on dead leaves (IPM Centers, 1999; Blatt et al, 1989).

Uncertain pathways: cut branches.

Hosts: Hosts incl. *Ericaceae*, such as *Vaccinium angustifolium*, *V. myrtilloides* (IPMCenters, 1999), *Vaccinium* (as blueberry, cranberry, huckleberry) (Averill and Sylvia, 1998), *Gaylussacia*, *Myrica* (Wagner et al., 2003), as well as various shrubs and trees, such as: *Alnus*, *Betula*, *Abies*, *Acer*, *Quercus*, *Pinus*, *Populus*, *Salix* (BugGuide, 2015), *Fraxinus*, *Rubus* (as raspberry, blackberry), *Corylus*, *Juniperus*, *Malus*, *Pyrus* (Averill and Sylvia, 1998).

Distribution: North America: Canada, USA (University of Alberta, 2015).

Damage: *C. catenaria* is currently an occasional pest in Eastern North America (University of Alberta, 2015; IPM Centers, 1999). In the past, it caused severe outbreaks on cranberry and was reported as important on blueberries (1920s/30s) (Averill and Sylvia, 1998). It could reappear as a problem if pest management practices changed drastically (IPMCenters, 1999).

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

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- University of Alberta. 2015. Data sheets on insects. Entomology collection, University of Alberta, Canada. <http://www.entomology.museums.ualberta.ca/> (accessed August 2015)
- Wagner DL, Nelson MW, Schweitzer DF. 2003. Shrubland Lepidoptera of southern New England and southeastern New York: ecology, conservation, and management. *Forest Ecology and Management* 185 (2003) 95–112