

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.

***Hylamorpha elegans* (Coleoptera: Scarabaeidae)**

Fruit pathway: There is an uncertainty on whether adults feed on fruit. However, there are records of interceptions (4 on *Vaccinium* fruit, 30 on fruit, leaves and stems of various species) and the pest may become associated with fruit at harvest and packing (USDA, 2007, 2008).

Other pathways: soil (on its own and associated with plants for planting; eggs, larvae and pupae are in soil; larvae are reported to feed on roots of gramineas or on decomposing material (UDEC, no date) and roots of blueberry (Larrain et al., 2007). Adults feed on leaves (UDEC, nd). Uncertain pathway: plants for planting.

Hosts: Polyphagous, incl. *Vaccinium* (Larrain et al., 2007), cereals, grasses (larvae), *Prunus* (as 'cerezo' [cherry]), *Nothofagus*, *Quercus* (as 'robles' [oak]) and other trees (adults) (Gonzalez, 1989). The main hosts are native South American species (such as *Nothofagus*), and this pest has probably moved to *Vaccinium*.

Distribution: South America: Argentina, Chile (UDEC, no date; Gonzalez, 1989).

Damage: On *Vaccinium*, the pest may cause death of plants by feeding on roots (Larrain et al., 2007). It is a primary pest for the hosts mentioned in Gonzalez (1989) (see Hosts).

Recorded impact: Moderate	Intercepted: Yes	Spreading/invasive: Not known
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References:

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- UDEC. No date. *Hylamorpha elegans*. [online data sheet]. Universidad de Concepción, Chile. <http://www2.udec.cl/entomologia/H-elegans.html> (accessed August 2015)
- USDA. 2007. Importation of fresh highbush and rabbit-eye blueberry (*Vaccinium corymbosum* L & *V. virgatum* Aiton) fruit into the Continental United States from Uruguay. A Pathway-Initiated Risk Assessment April 2007. USDA-APHIS.
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