

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 lists for *Vaccinium* and *Vitis* fruit.

Accuminulia buscki (Lepidoptera: Tortricidae)

Fruit pathway: larvae bore into the fruit (unlike most Tortricidae) (Brown, 1999). No specific information was found for *Vaccinium*. The pest is intercepted on fruit, incl. blueberry (12 interceptions in the USA on blueberries - BlueberriesChile, 2011-2012). The larvae *A. buscki* bore into grape berries (DAFF 2013) and are intercepted on grapes (Brown 1999).

Other pathways: uncertain: plants for planting. No information available if any other plant parts or soil may be affected.

Hosts: *Prunus armeniaca*, *Prunus domestica*, *Prunus persica*, *Vitis* (Brown et al., 2008), *Vitis vinifera* (Cepeda, 2014). No host record was found for *Vaccinium*, but the pest is intercepted on *Vaccinium*. Unknown native plants in Chile (*A. buscki* is considered to be a native species of Chile that has expanded its host range to include agricultural crops (Brown 1999)).

Distribution: South America: Chile (native) (Brown 1999).

Damage: Little information on damage was found. *A. buscki* is considered as a 'potential future pest problem' for Chile (Biosecurity Australia, 2005, citing an article from 2000). Cepeda (2014) mentions that it has occasional economic importance and quarantine significance, and it is mentioned as a cause of rejection of consignments in BlueberriesChile (2011-2012).

Other information: Information is lacking on the host status of *Vaccinium* and damage for *Vaccinium* and *Vitis*. However, larvae bore into the fruit, which would present a higher risk of introduction with fruit. In addition, the pest was intercepted on blueberries and grapes. It is not clear if this reflects its growing importance on this crop, but it may be an emerging pest. *A. buscki* is known to have expanded its host range to agricultural plants that are exotic to Chile (*Prunus*, *Vitis*) (Brown 1999).

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

- Biosecurity Australia, 2005. Revised Draft Import Risk Analysis Report for Table Grapes from Chile. Part B. Commonwealth of Australia.
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- 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>.
- Brown JW. 1999. A new genus of tortricid moths (Tortricidae: Euliini) injurious to grapes and stone fruits in Chile. *Journal of the Lepidopterists' Society*, 53 (2), 60-64.
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- DAFF 2013. Final review of policy: importation of grapevine (*Vitis* species) propagative material into Australia. CC BY 3.0. Department of Agriculture, Fisheries and Forestry, Canberra.