

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 apple fruits.

Aegorhinus superciliosus (Coleoptera: Curculionidae)

Fruit pathway: adults feed on fruit (Parra et al., 2009).

Other pathways: plants for planting, soil; adults also feed on shoots, buds and leaves, larvae feed on plant collars and roots, and pupate in plant collars, eggs are laid at the plant collar or in the soil (Parra et al., 2009; Biosecurity Australia, 2011).

Hosts: Polyphagous on a wide range of hosts, incl. *Vaccinium corymbosum*, *Rubus idaeus*, *Fragaria x ananassa*, *Ribes uva-crispa*, *Rubus*, *Ribes*, *Malus domestica*, *Corylus avellana*, *Nothofagus* (Koch and Waterhouse, 2000), *Cydonia oblonga*, *Salix viminalis*, *Prunus salicina* (Parra et al., 2009).

Distribution: South America: Argentina, Chile (Koch and Waterhouse 2000, Ellena et al. 2014, Parra et al. 2009).

Damage: The primary cause of damage to crops is through larvae feeding on roots, which can result in plant death; adults cause damage to shoots, buds, leaves and fruit (in severe cases, plants are defoliated, sometimes leading to plant death) (Parra et al. 2009; Biosecurity Australia, 2011). *A. superciliosus* is mentioned as the most important pest of raspberry and blueberry in the South of Chile (Mutis et al., 2010). It is also a pest on currant, strawberry (Aguilera, no date; Parra et al., 2009), hazelnut (Ellena et al., 2014), fruit crops, berries, gooseberries (Biosecurity Australia, 2011, citing others). In apples control is occasionally required (Parra et al. 2009). *A. superciliosus* has passed from its native hosts to exotic crops (Parra et al., 2009).

Other information: The pest is listed in EU Commission Decision 2003/249/EC of 9 April 2003 authorising Member States to provide for temporary derogations from certain provisions of Council Directive 2000/29/EC in respect of plants of strawberry (*Fragaria* L.), intended for planting, other than seeds, originating in Chile (EUR-Lex 2015). *A. superciliosus* is regulated in Australia for dormant rooted cuttings of hazelnut (Biosecurity Australia 2011).

Recorded impact: High (on <i>Vaccinium</i>)	Intercepted: Not known	Spreading/invasive: Not known
---	-------------------------------	--------------------------------------

References:

- Aguilera R. no date. Control selectivo de plagas en frutales de la zona sur. [Source unknown]. Available at <http://www2.inia.cl/medios/biblioteca/seriesinia/NR19592.pdf> (accessed August 2015)
- Biosecurity Australia. 2011. Final review of policy: importation of hazelnut (*Corylus* species) propagative material from Chile. Department of Agriculture, Fisheries and Forestry, Canberra, Australia. 93 p.
- Ellena M, Sandoval P, Gonzalez A, Jequier J, Contreras M, Grau Beretta P. 2014. Chilean hazelnut situation and perspectives. VIII International Congress on Hazelnut. ISHS Acta Horticulturae 1052.
- EUR-Lex. 2015. Access to European Union Law. <http://eur-lex.europa.eu/homepage.html?locale=en>
- Koch KC, Waterhouse DF. 2000. The distribution and importance of arthropods associated with agriculture and forestry in Chile (Distribucion e importancia de los artropodos asociados a la agricultura y silvicultura en Chile). ACIAR Monograph No. 68, 234 pp.
- Mutis A, Parra L, Manosalva L, Palma R, Candia O, Lizama M, Pardo F, Perich F, Quiroz A. 2010. Electroantennographic and behavioral responses of adults of raspberry weevil *Aegorhinus superciliosus* (Coleoptera: Curculionidae) to odors released from conspecific females. Environmental Entomology; 2010. 39(4):1276-1282. 39 ref.

Parra LB, Mutis AT, Aguilera AP, Rebolledo RR, Quiroz AC. 2009. Estado del conocimiento sobre el cabrito del frambueso (CF), *Aegorhinus superciliosus* (Guérin) (Coleoptera: Curculionidae) knowledge of the “cabrito del frambueso ” weevil (cf) *Aegorhinus superciliosus* (guerin) (Coleoptera: Curculionidae). IDESIA (Chile) Enero-Abril 2009; 27:1, 57-65.