

1. PaDIL Species Factsheet



Scientific Name:

Otiorhynchus ovatus (Linnaeus)

(Coleoptera: Curculionidae: Entiminae)

Common Name

Strawberry root weevil

Live link: <http://www.padil.gov.au/pests-and-diseases/Pest/Main/135866>

Image Library

Australian Biosecurity

Live link: <http://www.padil.gov.au/pests-and-diseases/>

Partners for Australian Biosecurity image library



Australian Government
Department of Agriculture,
Water and the Environment

Department of Agriculture, Water and the Environment

<https://www.awe.gov.au/>



Department of
Primary Industries and
Regional Development

Department of Primary Industries and Regional Development,

Western Australia

<https://dpird.wa.gov.au/>



Plant Health Australia

<https://www.planthealthaustralia.com.au/>



Museums Victoria

<https://museumsvictoria.com.au/>

2. Species Information

2.1. Details

Specimen Contact: Museum Victoria - discoverycentre@museum.vic.gov.au

Author: Walker, K.

Citation: Walker, K. (2006) Strawberry root weevil (*Otiorhynchus ovatus*) Updated on 10/13/2021 Available online: PaDIL - <http://www.padil.gov.au>

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2.2. URL

Live link: <http://www.padil.gov.au/pests-and-diseases/Pest/Main/135866>

2.3. Facets

Status: Exotic Species Establishment in Australia

Group: Beetles

Commodity Overview: Horticulture, Forestry

Commodity Type: Timber, Fresh Roots, Berries

Distribution: Europe and Northern Asia, Mediterranean Basin, Australasian - Oceanian, Central and South America, USA and Canada

2.4. Diagnostic Notes

There are two valid subspecies to *O. ovatus*:

Otiorhynchus ovatus glacialis Apfelbeck, 1898 found only in Bosnia and Herzegovina

Otiorhynchus ovatus ovatus (Linnaeus, 1758) found throughout Europe and the Mediterranean basin.

Adults are snout-nosed beetles and, depending on species, about 5-15mm long, black to brown in colour.

Otiorhynchus armadillo, *O. cribricollis*, *O. rugifrons*, *O. rugosostriatus*, *O. ovatus* and *O. sulcatus* can be separated by:

Possess a sharp tooth on the fore femora: *O. rugifrons*, *O. sulcatus* and *O. ovatus*
Do not possess a sharp tooth on the fore femora: *O. armadillo*, *O. cribricollis* and *O. rugosostriatus*

O. armadillo, *O. cribricollis* and *O. rugosostriatus* can be separated by:

Size: *O. armadillo* c. 15mm and *O. cribricollis* and *O. rugosostriatus* c. 11-12mm

Elytral setae: *O. armadillo* has distinct patches of white setae; *O. cribricollis* has an even cover of white setae; *O. rugosostriatus* has an even cover of light brown setae.

Posterior end of elytra: On *O. armadillo* is distinctly elongated and tapered; whereas on *O. cribricollis* and *O. rugosostriatus* it is truncate and rounded.

Elytral sculpture: *O. cribricollis* is distinctly punctate whereas *O. rugosostriatus* is coarsely sculptured but not punctate.

O. rugifrons, *O. sulcatus* and *O. ovatus* can be separated by:

O. rugifrons has a mottled pattern on the elytra and the spine on the fore femora is minute and simple.

O. sulcatus has distinctly separated yellow patches of hair on the elytra and the spine on the fore femora is distinct but simple.

O. ovatus has not yellow patches and significantly smaller than *O. sulcatus* (14mm to 8mm) and the spine on the fore femora is large and toothed.

2.5. Web Links

Biology and damage: http://cnfi.cfs.nrcan.gc.ca/diseases/nursery/pests/rootweev_e.html

See EUNIS Taxonomy and Distribution: <http://eunis.eea.europa.eu/species-factsheet.jsp?idSpecies=271788&idSpeciesLink=271788>

3. Diagnostic Images



Belgium
Dorsal view: Simon Hinkley & Ken Walker
Museums Victoria



Belgium
Elytra: Simon Hinkley & Ken Walker
Museums Victoria



Belgium
Fore leg showing spine: Simon Hinkley &
Ken Walker Museums Victoria



Belgium
Head front: Simon Hinkley & Ken Walker
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Belgium
Head side: Simon Hinkley & Ken Walker
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Belgium
Lateral view: Simon Hinkley & Ken Walker
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Posterior view: Simon Hinkley & Ken Walker
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Pronotum: Simon Hinkley & Ken Walker
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