

1. PaDIL Species Factsheet



Scientific Name:

Sitona lineatus Linnaeus

(Coleoptera: Curculionidae: Entiminae)

Common Name

Pea Leaf Weevil

Live link: <http://www.padil.gov.au/pests-and-diseases/Pest/Main/135599>

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: ANIC - CSIRO Canberra - <http://www.csiro.au/places/ANIC.html>

Author: Graham, R.

Citation: Graham, R. (2005) Pea Leaf Weevil (*Sitona lineatus*) Updated on 10/8/2021 Available online: PaDIL - <http://www.padil.gov.au>

Image Use: Free for use under the Creative Commons Attribution-NonCommercial 4.0 International (CC BY-NC 4.0)

2.2. URL

Live link: <http://www.padil.gov.au/pests-and-diseases/Pest/Main/135599>

2.3. Facets

Status: Exotic species - absent from Australia

Group: Beetles

Commodity Overview: Field Crops and Pastures, Horticulture

Commodity Type: Fresh Roots, Fresh Stems, Pastures, Beans & Peas

Distribution: USA and Canada, Europe and Northern Asia, Africa, Australasian - Oceanian

2.4. Other Names

Curculio lineatus Linnaeus

Pea and Bean Weevil

Sitona cupreosquamosus Goeze

Sitona griseus Marsham

Sitona intersectus Fourcroy

Sitona lineata Linneata

Sitona neophytis Herbst

Sitona pisivora Stephens

Sitona squamosus Gmelin

Sitones lineatus Linnaeus

2.5. Diagnostic Notes

Length 3.4-5.3 mm. Pronotum less smoothly and evenly rounded at sides than *S. cylindricollis*, slightly more contracted at base than anteriorly and broadest behind middle. Elytra with clear, complete stripes, not tessellated or mottled. Patch of pale scales at shoulders less conspicuous. Sides of elytra behind and at apex with lines of minute, whitish, semi-recumbent setae. Head broader, width across eyes greater than maximum width of a single elytron, by 15-25%. Median lobe rounded at apex, without angular incisions. (Morris 1997)

2.6. References

Bright D.E. 1994. Revision of the genus *Sitona* (Coleoptera: Curculionidae) of North America. *Annals of the Entomological Society of America*, 87(3):277-306. Botha, J.H. and Hardie, D.C. 2001. GrainGuard Threat Data Sheet for the Lupin Industry in WA "Pea Leaf Weevil (*Sitona lineatus*)". Dept of Agriculture Western Australia, unpublished report. Campbell White & Associates, Pty. Ltd. Grain Guard Threat Data Sheet. Risk and Impact Assessment for Pea Leaf Weevil (*Sitona Lineatus*) on the Lupin Industry of Western

Australia, 1998. Hoebeke E.R., Wheeler AG Jr, 1985. *Sitona lineatus* (L.), the pea leaf weevil: first records in eastern North America (Coleoptera: Curculionidae). *Proceedings of the Entomological Society of Washington*, 87(1):216-220. Jaworska M, 1992. On the incidence of the pea weevil, *Sitona lineatus* L. (Col., Curculionidae) on annual legumes. *Anzeiger für Schädlingskunde, Pflanzenschutz, Umweltschutz*, 65(4):70-72. Landon F, Levieux J, Huignard J, Rougon D, Taupin P, 1995. Feeding activity of *Sitona lineatus* L. (Col., Curculionidae) on *Pisum sativum* L. (Leguminosae) during its imaginal life. *Journal of Applied Entomology*, 119(8):515-522. Morris, M.G. Broad-nosed Weevils, Coleoptera: Curculionidae (Entiminae). 1997. *Handbooks for the Identification of British Insects*. Vol 5, Part 17a. Royal Entomological Society of London 106 pp. O'Keeffe L.E., Homan HW, Schotzko, D.J., 1984. The pea leaf weevil. University of Idaho. College of Agriculture. Cooperative Extension System, Agricultural Experiment Station. Current Information Series No's 227 & 883.

2.7. Web Links

Biology and Life Cycle: <http://www.inra.fr/Internet/Produits/HYPPZ/RAVAGEUR/6sitlin.htm>

Description and Image: <http://info.ag.uidaho.edu/keys/plates/plate41.htm>

Live Image: <http://users.skynet.be/fa213618/Sitona%20lineatus.htm>

3. Diagnostic Images



San Juan Island, Wash., 23 April 1941, T. A. Brindley & L. G. Smith, on peas and vetch
Antenna Image: Sarah McCaffrey Museums Victoria



San Juan Island, Wash., 23 April 1941, T. A. Brindley & L. G. Smith, on peas and vetch
Dorsal Image: Sarah McCaffrey Museums Victoria



San Juan Island, Wash., 23 April 1941, T. A. Brindley & L. G. Smith, on peas and vetch
Elytra Image: Sarah McCaffrey Museums Victoria



San Juan Island, Wash., 23 April 1941, T. A. Brindley & L. G. Smith, on peas and vetch
Head Front Image: Sarah McCaffrey Museums Victoria



San Juan Island, Wash., 23 April 1941, T. A. Brindley & L. G. Smith, on peas and vetch
Head Side Image: Sarah McCaffrey Museums Victoria



San Juan Island, Wash., 23 April 1941, T. A. Brindley & L. G. Smith, on peas and vetch
Lateral Image: Sarah McCaffrey Museums Victoria



San Juan Island, Wash., 23 April 1941, T. A. Brindley & L. G. Smith, on peas and vetch
Posterior Image: Sarah McCaffrey Museums Victoria



San Juan Island, Wash., 23 April 1941, T. A. Brindley & L. G. Smith, on peas and vetch
Pronotum Image: Sarah McCaffrey Museums Victoria



San Juan Island, Wash., 23 April 1941, T. A. Brindley & L. G. Smith, on peas and vetch
Thorax Side Image: Sarah McCaffrey Museums Victoria



San Juan Island, Wash., 23 April 1941, T. A. Brindley & L. G. Smith, on peas and vetch
Ventral Image: Sarah McCaffrey Museums Victoria

4. Other Images



Set specimen
Dorsal view: Rolf Oberprieler CSIRO



Set specimen
Lateral view: Rolf Oberprieler CSIRO

Results Generated:

Tuesday, October 19, 2021
