



Pacific Pests, Pathogens & Weeds - Mini Fact Sheet Edition

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Canna rust (193)



Photo 1. Canna with rust, *Puccinia thaliae*.



Photo 3. Close-up of the powdery masses of *Puccinia thaliae* spores, released from pustules on the lower surface of the leaf.



Photo 4. Dark brown structures developing which contain the teliospores of *Puccinia thaliae*.

Summary

- Worldwide distribution. On *Canna* and relatives.
- Yellow to tan powdery spots on leaves and stems, often parallel to veins, becoming dark. Leaves die early. Spread in wind, but need water to germinate.
- A disease affecting the quality of ornamentals.
- Cultural control: remove infected leaves when spots first appear; do not compost the diseased leaves.
- Chemical control: copper or mancozeb.

Common Name

Canna rust

Scientific Name

Puccinia thaliae (previously known as *Puccinia cannae*).

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Photos 1,3&4 McKenzie, E. (2013) *Puccinia thaliae* (*Puccinia thaliae*) Updated on 4/17/2014. PaDIL - (<http://www.padil.gov.au>). Photo 2 Kohler F, Pellegrin F, Jackson G, McKenzie E (1997) *Diseases of cultivated crops in Pacific Island countries*. South Pacific Commission. Pirie Printers Pty Limited, Canberra, Australia.

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