



## Lowan phebalium *Phebalium lowanense*

Vulnerable



Flowers of lowan phebalium Photo: M.Jusaitis

### Have You Seen This Plant?

#### Location

Lowan phebalium is found around Ngarkat Conservation Park in South Australia and also occurs in Western Victoria.

#### Conservation rating

Lowan phebalium is rated as vulnerable under Commonwealth legislation.

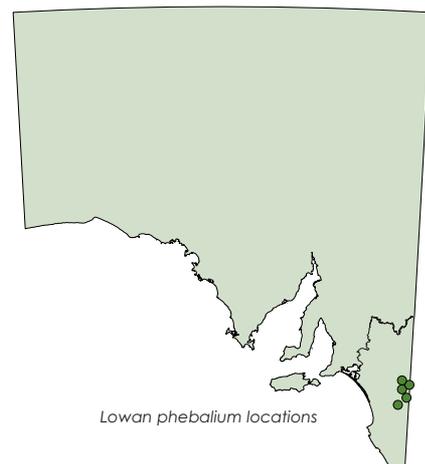
#### Recovery

To ensure that this plant does not become extinct a recovery program is being implemented by the Department for Environment and Heritage and the Threatened Plant Action Group.

Information on new locations of this plant would greatly help the recovery project.

#### What does it look like?

- low shrub up to 60 cm high
- branches silvery
- leaves with almost smooth top surface
- flowers yellow on thick stems
- flowers from August to September
- difficult to distinguish from other species
- member of the Rutaceae family



Lowan phebalium locations



Lowan phebalium plant Photo: D.J.Barrie



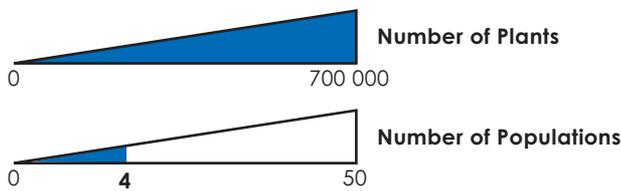
Habitat of lowan phebalium in Ngarkat Conservation Park Photo: D.J.Barrie

### Where does it occur?

Lowan phebalium is found in the Ngarkat Conservation Park in South Australia and also occurs across the border in western Victoria. It grows in deep, well drained sands with low open woodland or open shrubland vegetation.

### Conservation rating

Extinct	Endangered	Vulnerable	Rare
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### Threats

Species that are 'vulnerable' are often living in less than ideal situations, where various processes threaten their ability to survive and reproduce.

Serious threats to these plants include:



rabbit grazing



disturbance



fire

### Recovery

**Key to actions:** ■ completed ■ ongoing

**Short-term aim:** to assess size, extent and condition of populations

- Survey population
- Study effects of fire on regeneration

**Long-term aim:** maintain populations and habitat

Actions:

- Ensure fire needs of this species are incorporated into fire management planning
- Monitor growth and survival
- Maintain seed in long term storage

### How you can help

Helping to save threatened species is something that everyone can become involved in.

- Report any new sightings of lowan phebalium to the contacts listed on this page.
- Protect any native plants and habitat on your property from grazing, clearance and weeds.
- Join the Threatened Plant Action Group or your local Landcare, Bushcare or Friends of Parks group.
- Control weeds and feral animals using minimum disturbance methods.

### Further reading

M Jusaitis. (2000) The Ecology, Biology and Conservation of Threatened Phebalium species in South Australia. Final Report for Wildlife Conservation Fund. Plant Biodiversity Center, Botanic Gardens of Adelaide.

### Contact

Threatened Plant Action Group  
(Threatened Species Network)  
120 Wakefield Street Adelaide SA 5000

Biodiversity Conservation Program,  
Department for Environment and Heritage  
Adelaide Ph (08) 8222 9422

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