

SPECIES MANAGEMENT PROFILE

Boronia gunnii river boronia

Group: Magnoliophyta (flowering plants), Magnoliopsida (dicots), Sapindales, Rutaceae

Status: *Threatened Species Protection Act 1995*: vulnerable
Environment Protection and Biodiversity Conservation Act 1999: Vulnerable

Endemic: Found only in Tasmania

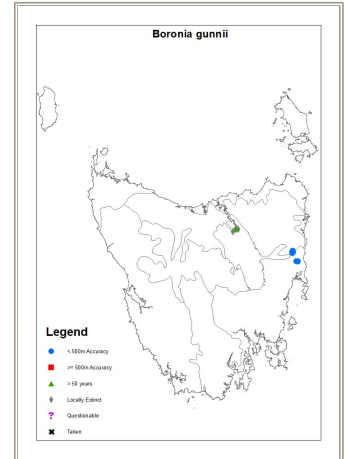
Status:



Boronia gunnii (river boronia) is an aromatic woody shrub that occurs in rocky riparian habitats along limited sections of the St Pauls, Dukes and Apsley rivers in eastern Tasmania, with historic records from near Launceston. The extant distribution of the species is restricted and localised, with a linear range of about 17 km, occupying 3 to 5 ha, and the total number of mature individuals is estimated to be fewer than 1,000. This makes the species susceptible to inadvertent or chance events and changed environmental conditions. Threats include inappropriate hydrological regimes, inappropriate management of the riparian zone, including areas upstream of known sites, and an increase in the frequency of fires

Key Points

- **Important:** Is this species in your area? Do you need a permit? Ensure you've covered all the issues by checking the Planning Ahead page.
- **Important:** Different threatened species may have different requirements. For any activity you are considering, read the Activity Advice pages for background information and important advice about managing around the needs of multiple threatened species.



Surveying

Key	Survey reliability more info
M	Best time to survey
M	Potential time to survey
M	Poor time to survey
M	Non-survey period

To ensure you follow the law - check whether your survey requires a permit. Always report any new records to the Natural Values Atlas, or send the information direct to the Threatened Species Section. Refer to the Activity Advice: Surveying page for background information.

<i>Boronia gunnii</i>	Spring	Summer	Autumn	Winter
river boronia	S S O O N N	D D J J F F	M M A A M M	J J J J A A

- Flowering of this shrub has been observed from October to January. The species can be identified at any time of the year using leaf characteristics.
- The species is strictly riparian in habitat, occurring in the flood zone of the above rivers in rock crevices or in the shelter of boulders. The base substrate is Jurassic dolerite.

Further information

Check also for listing statement or notesheet pdf above (below the species image).

Conservation Advice

Cite as: Threatened Species Section (2024). *river boronia (Boronia gunnii)*: *Species Management Profile for Tasmania's Threatened Species Link*. <https://www.threatenedspecieslink.tas.gov.au/Pages/Boronia-gunnii.aspx> Department of Natural Resources and Environment Tasmania. Accessed on 17/4/2024.

Contact details: Threatened Species Section, Department of Natural Resources and Environment Tasmania, GPO Box 44, Hobart, Tasmania, Australia, 7001. Phone (1300 368 550).

Permit: A permit is required under the Tasmanian *Threatened Species Protection Act 1995* to 'take' (which includes kill, injure, catch, damage, destroy and collect), keep, trade in or process any specimen or products of a listed species. Additional permits may also be required under other Acts or regulations to take, disturb or interfere with any form of wildlife or its products, (e.g. dens, nests, bones). This may also depend on the tenure of the land and other agreements relating to its management.

