

SPECIES MANAGEMENT PROFILE

Barbarea australis riverbed wintercress

Group: Magnoliophyta (flowering plants), Magnoliopsida (dicots), Capparales, Brassicaceae

Status: *Threatened Species Protection Act 1995:* **endangered**
Environment Protection and Biodiversity Conservation Act 1999: **Endangered**

Endemic: Found only in Tasmania

Status:



A complete species management profile is not currently available for this species. Check for further information on this page and any relevant Activity Advice.

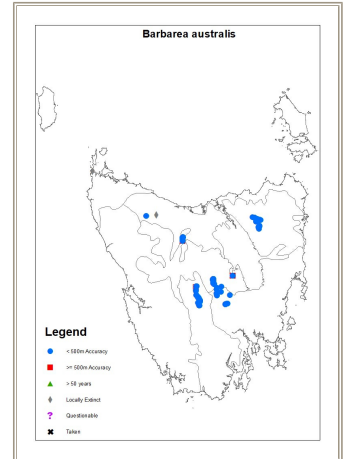
Key Points

- 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>Barbarea australis</i>	Spring				Summer				Autumn				Winter											
riverbed wintercress	S	S	O	O	N	N	D	D	J	J	F	F	M	M	A	A	M	M	J	J	J	J	A	A

- Surveys of this generally annual or short-lived perennial should be conducted during the species' peak flowering period, which is November to February. The species can be identified from inflorescence and seed characteristics. Any survey effort should be focused on potential habitat (i.e. flood-prone riparian habitats). Due to the wide variation in numbers in any one year, it is advisable that a relatively extensive survey is undertaken at any site because the species can be spread over several kilometres of river system, and may shift from site to site between years, dependent on disturbance conditions.
- Barbarea australis* is a riparian plant species found near river margins, creek beds and along flood channels adjacent to the river. It has not been found on steeper sections of rivers, and tends to favour slower reaches. It occurs in shallow alluvial silt deposited on rock slabs or rocky ledges, or between large cobbles on sites frequently disturbed by fluvial processes. Some of the sites are a considerable distance from the river in flood channels scoured by previous flood action, exposing river pebbles.

Further information

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

Recovery Plan

Cite as: Threatened Species Section (2023). *riverbed wintercress (Barbarea australis): Species Management Profile for Tasmania's Threatened Species Link*. <https://www.threatenedspecieslink.tas.gov.au/Pages/Barbarea-australis.aspx> Department of Natural Resources and Environment Tasmania. Accessed on 30/3/2023.

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.

