



## SAVING OUR SPECIES

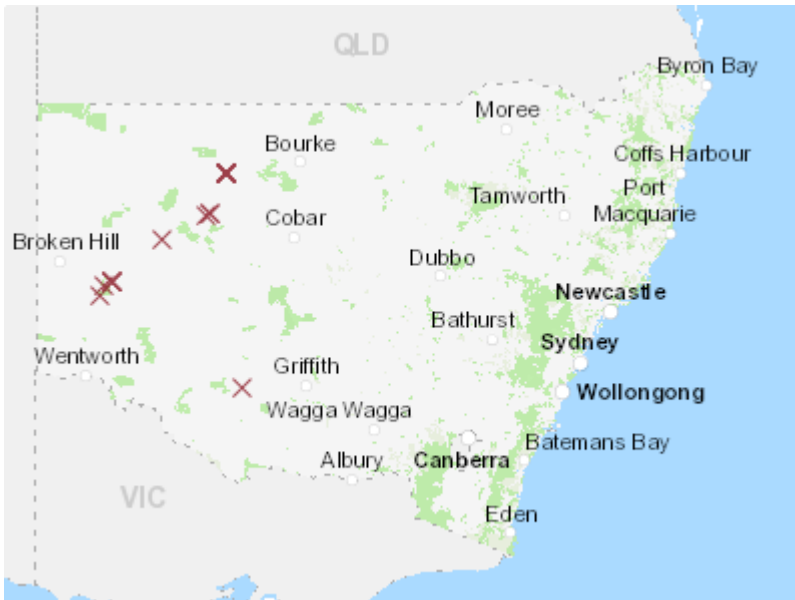
### Help save A burr-daisy

*Calotis moorei*

*Saving our Species* aims to improve knowledge of threatened species and increase understanding of how to manage threats critical to their survival. This data-deficient species strategy was developed by experts and identifies the priority research and/or survey actions required to address critical knowledge gaps currently inhibiting effective management of the species. The objective of this strategy is to fill those knowledge gaps to inform the development of a targeted management strategy.

*Saving our Species* is based on a cost-effective approach that maximises the number of threatened species and ecological communities conserved through on-ground management action. If you want to contact us please email [savingourspecies@environment.nsw.gov.au](mailto:savingourspecies@environment.nsw.gov.au)

#### Map of A burr-daisy occurrence



✗ Species occurrence(\*)



#### Conservation status in NSW:

Endangered

#### Commonwealth status:

Endangered

#### Saving our Species management stream:

Data-deficient species

#### Species profile:

<http://www.environment.nsw.gov.au/threatenedspeciesapp/profile.aspx?id=10136>

*Saving our Species* delivers on the NSW Government's legislative requirements under the *Biodiversity Conservation Act 2016*.

Photo: Garry Germon

\*Recorded species sightings (BioNet).

## Priority research and survey actions for A burr-daisy

Knowledge gap	Priority action
Insufficient understanding of distribution and/or abundance	Undertake targeted surveys across the entire predicted range to locate new populations and re-confirm the status of known populations. Collect data on area of occupancy, population status, habitat and undertake a threat assessment at sites where populations are located.
Insufficient understanding of threatening process	Conduct experimental research into the relative impacts of grazing and fire on the species survival and recruitment.
Insufficient understanding of species' phylogeny	Conduct genetic analysis on plants of <i>C. moorei</i> from across its known distribution as well as from plants of the same genus growing in the same locations (eg. <i>Calotis cymbacantha</i> , <i>C. erinacea</i> ) to determine if <i>C. moorei</i> is a hybrid of the others.
Insufficient understanding of species/community ecology	Investigate life history dynamics; including seed set, seed viability, germination and seedling survival.

### Find out more about our program

Visit <http://www.environment.nsw.gov.au/savingourspecies>