



SAVING OUR SPECIES

Claypan Daisy

2020-2021 annual report card

Overall status*



Populations at all sites are known to be on track.



Threat management is known to be on track at all sites, and population status is unknown at one or more sites.



Threat management is known to be off track at one or more sites, and population status is unknown at one or more sites.



Populations at one or more sites are known to be off track.

* For SoS priority management sites (may not include all locations where the species occurs in NSW)

Summary

Management sites	Urana area
Action implementation	3 (of 3) management actions were fully or partially implemented as planned for the financial year.
Total expenditure	\$6,246 (\$3,500 cash; \$2,746 in-kind)
Partners	Environment, Energy and Science



Scientific name:

Brachyscome muelleroides

NSW status:

Vulnerable

Commonwealth status:

Vulnerable

Management stream:

Site-managed species





Photo: Geoff Robertson

Priority management site: Urana area

Local government area:
Federation

Partners:
Environment, Energy and
Science

Population outcome

-  On track
-  **On track (inferred)**
-  Not on track (inferred)
-  Not on track

The species population is inferred to be on track based on threat management being on track. The population trend is unknown at this time.

Monitoring

Species population monitoring by one or more methods indicates response to management over time and provides an outcome measure.

Baseline monitoring conducted.

Monitoring metric	Species abundance
Monitoring result	Two hundred and eleven 30 cm x 30 cm quadrats were sampled across 3 sites, with counts of plants ranging from zero to 175. The plant estimate is 93,845,708 (+/- 21,158,885) across the survey area.
Scientific rigour of monitoring method	High
Conducted by	Environment, Energy and Science

Investment

Participant	Cash	In-kind
Environment, Energy and Science	\$3,500	\$2,746

Management actions

The following actions are those identified as being required in financial year 2020-2021 to secure the species in the wild.

Threat	Management action	Implemented as planned?
Clearing of roadside vegetation.	Liaise with property lease holder where required.	Yes
Physical disturbances due to direct grazing and/or pugging; likely to degrade habitat and remove individuals.	Liaise with property lease holder where required.	Yes
The species has a restricted distribution, though additional populations are likely to exist in suitable habitat in surrounding areas.	Survey historically known sites and other potential sites when conditions are suitable.	Yes

Threat outcome

Assessment on the status of critical threats at this site.

Threat	Annual target	Threat status
Physical disturbances due to direct grazing and/or pugging; likely to degrade habitat and remove individuals.	No overgrazing and/or disturbance due to stock access in favourable years.	On track
Clearing of roadside vegetation.	No direct disturbance on the species due to farming activities.	On track
Changes in land use on agricultural land (to a more intensive use).	No loss of wetland area due to a change in land use.	On track
Direct competition for space and resources by species such as rye grass and others.	To be determined once adequate data have been collected.	Baseline data collection
The species has a restricted distribution, though additional populations are likely to exist in suitable habitat in surrounding areas.	Undertake targeted survey in suitable areas if conditions are favourable.	On track

Site summary

Site visit detected emergence of plants. Surveys were conducted across the site to determine the population estimate. Many more plants had emerged than observed during the 2019 monitoring. Suitable conditions allowed the survey of historic and new sites to determine the presence of the species. No plants were observed at any of the historic sites surveyed. Additional surveys were undertaken at locations where potential habitat was present. The species was found present at one new location.

Saving our Species 2020-2021 annual report card for Claypan Daisy (*Brachyscome muelleroides*). For more information refer to the specific strategy in the Saving our Species program.