

Saving our Species 2017-2018 annual report card

Acacia meiantha

Species attributes

Scientific name	<i>Acacia meiantha</i>
NSW status	Endangered
Commonwealth status	Endangered
Management stream	Site-managed species



Photographer: Helen Drewe

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	Aarons Pass; Clarence; Mullions Range
Action implementation	3 of 3 management actions were fully or partially implemented as planned for the financial year.
Total expenditure	\$13,506 (\$11,685 cash; \$1,821 in-kind)
Partners	Office of Environment and Heritage

Management site 1: Aarons Pass

Local Government Area	Mid-Western Regional
Estimated species population size	2,100 stems / stem clusters
Partners	Office of Environment and Heritage

Population status

On track	On track (inferred)	Not on track (inferred)	Not on track	Not determined
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Monitoring

Long term target	An increase in abundance of greater than 20% of the baseline abundance at the Aarons Pass site from spring 2018 over a period of 25 years.
Annual target	Development of monitoring plan with view to implement monitoring in 2018-19.
Monitoring metric	Species abundance
Monitoring result	Monitoring plan developed, implementation to occur in 2018-19.
Confidence in monitoring	Moderate
Conducted by	Office of Environment and Heritage

Investment

Participant	Cash	In-kind
Office of Environment and Heritage	\$925	\$407

Site summary

Survey of previously known sites and new records along Aarons Pass and Perke Roads was implemented. Approximately 2,100 stems were recorded. A monitoring plan was developed to monitor population trends, which will commence in spring 2018.

Management site 2: Clarence

Local Government Area	Lithgow
Estimated species population size	390 stems / stem clusters
Partners	Office of Environment and Heritage

Population status

On track	On track (inferred)	Not on track (inferred)	Not on track	Not determined
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Monitoring

Long term target	Increasing abundance by greater than 50% of the baseline abundance and increasing genetic diversity at the Clarence site from spring 2018 over a period of 25 years.
Annual target	Development of monitoring plan with view to implement monitoring in 2018-19.
Monitoring metric	Species abundance
Monitoring result	Monitoring plan developed, implementation to occur in 2018-19.
Confidence in monitoring	Moderate
Conducted by	Office of Environment and Heritage

Investment

Participant	Cash	In-kind
Office of Environment and Heritage	\$9,835	\$857

Management actions

The following action is identified as being required in financial year 2017-2018 to secure the species in the wild.

Threat	Management action	Implemented as planned?
Poor knowledge of the species population size and distribution	Conduct survey at previously known sites to determine population size and assess threats.	Yes

Site summary

Survey of previously known sites was implemented, only one population was found, in which approximately 390 stems / stem clusters were recorded. A monitoring plan was also developed to monitor population trends in spring 2018.

Management site 3: Mullions Range

Local Government Area	Cabonne
Estimated species population size	15,000-20,000 stems / stem clusters.
Partners	Office of Environment and Heritage

Population status

On track	On track (inferred)	Not on track (inferred)	Not on track	Not determined
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Monitoring

Long term target	Abundance is within 30% of the baseline abundance at Mullions Range from spring 2018 over a period of 25 years.
Annual target	Development of a monitoring plan with view to implement monitoring in 2018-19.
Monitoring metric	Species abundance
Monitoring result	Monitoring plan developed, implementation to occur in 2018-19.
Confidence in monitoring	Moderate
Conducted by	Office of Environment and Heritage

Investment

Participant	Cash	In-kind
Office of Environment and Heritage	\$925	\$557

Management actions

The following actions (including research and survey actions) are those identified as being required in financial year 2017-2018 to secure the species in the wild.

Threat	Management action	Implemented as planned?
Clearing for expansion of pine forestry plantation and road widening / maintenance activities.	Liaison with Forestry Corporation to minimise impacts of forestry activities on the species.	Yes
Potential for too-frequent fire to degrade or remove populations.	Liaise with Forestry Corporation to ensure minimal impact of fire prescriptions on species.	Yes

Site summary

Survey of previously known sites was implemented. An estimated 15,000-20,000 stems / stem clusters were recorded. Monitoring plan developed to monitor trends.