



SAVING OUR SPECIES

**Brigalow within the Brigalow Belt South,
Nandewar and Darling Riverine Plains Bioregions**

2018-2019 annual report card

Summary

Management sites	North West NSW - Contestable grant site
Action implementation	No management actions were planned for the financial year.
Total expenditure	\$0 (\$0 cash; \$0 in-kind)
Partners	NSW Environmental Trust; Office of Environment and Heritage; Royal Botanic Gardens and Domain Trust (RBGDT) - Plant Sciences



Name:

Brigalow within the Brigalow Belt South, Nandewar and Darling Riverine Plains Bioregions

NSW status:

Endangered Ecological Community

Commonwealth status:

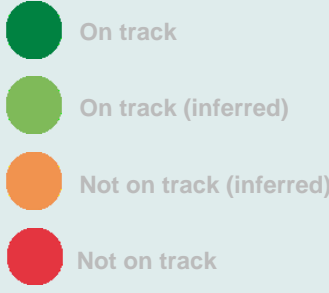
Endangered

Management stream:

Ecological community (widespread)

Photo: Adam Henderson

Priority management site: North West NSW - Contestable grant site

Local government area: Gwydir; Moree Plains; Narrabri; Tamworth Regional; Tenterfield	Ecological community outcome
Partners: NSW Environmental Trust; Royal Botanic Gardens and Domain Trust (RBGDT) - Plant Sciences	 <p>The trend in viability is unknown at this time because the viability of the ecological community was not monitored and a critical threat was not monitored or managed this financial year.</p>

Monitoring

Ecological community viability monitoring by one or more methods indicates response to management over time and provides an outcome measure.

Ecological community monitoring was not conducted at this site this financial year - establishing management plan including monitoring, evaluation and reporting plan.

Site summary

This site is part of a project that is in start-up phase with planning activity underway. The project targets three threatened entities and is funded by a grant of \$343,080 over five years from the Environmental Trust's *Saving our Species* (SoS) Contestable Grants program. The funding agreement was signed late in the 2018-19 financial year by each party (Environmental Trust and Royal Botanic Gardens & Domain Trust), confirming the allocation of resources for both cash and in-kind contributions. For the 2018-19 financial year, the grant instalment was \$5,835 and Royal Botanic Gardens & Domain Trust provided in-kind support valued at \$35,646. Expenditure will be reported on in the next financial year.

Brigalow, Semi-evergreen Vine Thicket, and Ooline (*Cadellia pentastylis*) are three Threatened Ecological Communities (TEC) in the Brigalow Belt South and Nandewar Bioregions that face significant threats from land clearing and habitat fragmentation. With the distinct possibility of needing to restore degraded sites on public and private land in the future, research into seed biology and storage, as well as the propagation techniques of species from these TECs is urgently needed. The ecological aspects of many plant species that occur within these TECs are poorly understood and this project will draw on the scientific research capacity of the Royal Botanic Gardens & Domain Trust (RBG&DT) and the Australian PlantBank through a strong seed conservation program into the seed biology for high priority species. Following on from the research program will be a collaborative training and education program conducted with Northern Slopes Landcare Association to engage local community groups, land councils and private landholders to share knowledge and provide confidence for restoration outcomes. Specifically, these will share knowledge on best practice for seed collecting, propagation and revegetation techniques so that community groups can assist in long-term on-ground management of these TECs. This project will be an established exemplar for both a process and protocol at biological and community level for plant conservation in TECs in NSW and Australia.

Saving our Species 2018-2019 annual report card for Brigalow within the Brigalow Belt South, Nandewar and Darling Riverine Plains Bioregions. For more information refer to the specific strategy in the Saving our Species program.