

# Saving our Species project 2015-2016 annual report card

## Bossiaea fragrans

### Species attributes

Scientific name:	<i>Bossiaea fragrans</i>
NSW status:	Critically endangered
Commonwealth status:	N/A
Management stream:	Site-managed



Photographer: Keith McDougall

### Overall project status\*



Populations at all sites are on target.



Populations at one or more sites were not monitored this year, but threat management is on target.  
Populations at remaining sites are on target.



Populations at one or more sites were not monitored this year, but threat management is not on target.  
Populations at remaining sites are on target.



Populations at one or more sites are not on target.

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

### Project summary

Priority management sites:	Abercrombie
Action implementation:	4 of 6 actions were implemented as planned for the financial year (includes species population monitoring actions + other project actions fully or partially implemented)
Total expenditure:	\$6,862 (\$1,220 cash; \$5,643 in-kind)
Project partners:	Office of Environment and Heritage

## Management site 1: Abercrombie

LGA: Bathurst Regional

Project partners: Office of Environment and Heritage

Estimated species population size: 400

### Population status

**On target**

On target  
(inferred)

Not on target  
(inferred)

Not on target

Baseline

Long term target	Annual target	Index	Monitoring result	Confidence in monitoring	Conducted by
A 10% recruitment of mature plants in the population, of 400 plants, over 25 years.	A recruitment of 5 new seedlings over 7 sites being monitored, for the financial year.	Reproductive success/recruitment	Seeding recruitment was observed at 3 of the 7 monitoring sites, while 5 seedlings / young resprouters were found dead at 2 of the sites. There was a high production of seed pods / flowers among tagged individuals at all of the sites, except one, which had fewer to no seed pods on the majority of tagged plants. The debris from fallen timber made it difficult to relocate some of the young resprouter / seedlings tagged in spring 2014.	High	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$1,220	\$5,643

## Management actions

The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.

Threat	Management action	Implemented as planned?
Competition from introduced grass, Serrated Tussock.	Physical control of Serrated Tussock Grass only.	No (Funding issues)
Grazing by goats.	1 day aerial shoot per year. Aerial cull needs including surrounding neighbouring properties (with authorisation from land holders & Local Land Services Biosecurity Officers assistance).	No (Funding issues)
The highly restricted distribution and small population size, with extremely low numbers of mature individuals renders the species vulnerable to extinction to stochastic events.	Conduct surveys across the site and in adjacent gullies.	Yes

## Threat status

This table includes critical threats that were monitored at this site, this financial year.

Threat	Annual target	Threat status	Confidence in monitoring
Competition from introduced grass, Serrated Tussock.	Density of Serrated Tussock in close proximity to <i>Bossiaea fragrans</i> is being maintained at low levels.	On target	Low

## Site summary

Targeted surveys and monitoring actions implemented. Goat and weed control actions will be implemented in 2016-17 financial year.