

# Saving our Species project 2015-2016 annual report card

## Delicate Pomaderris

### Species attributes

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



Photographer: Shawn Capararo

### 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:	Cullula Road; Pomaderris Nature Reserve
Action implementation:	5 of 5 actions were implemented as planned for the financial year (includes species population monitoring actions + other project actions fully or partially implemented)
Total expenditure:	\$7,876 (\$2,000 cash; \$5,876 in-kind)
Project partners:	Office of Environment and Heritage

## Management site 1: Pomaderris Nature Reserve

LGA: Goulburn Mulwaree

Project partners: Office of Environment and Heritage

Estimated species population size: 19

### Population status

<b>On target</b>	On target (inferred)	Not on target (inferred)	Not on target	Baseline
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Long term target	Annual target	Index	Monitoring result	Confidence in monitoring	Conducted by
Establish stable population in excess of 500 individuals 10 years after first enhancement planting.	Maintain or increase species abundance of 19 individuals.	Species abundance	19 plants observed.	Moderate	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$2,000	\$5,176

### 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?
As the area occupied by Delicate Pomaderris is so small, it is potentially threatened by any disturbance.	Re-introduce ex-situ material (e.g. seed) or material collected from other extant populations into existing site/s. Continue maintenance of the population until it is viable and able to persist for long periods without intensive management.	Yes
The response of Delicate Pomaderris to fire is unknown.	Set up experiment using burning and thinning; monitor regeneration.	Yes

### Site summary

About 40 plants were planted into the reserve, where the natural population had declined dramatically for unknown reasons in recent years. The survival rate was low. An experimental burn at the site has provided better habitat for enhancement planting. Following this, 28 plants were planted in early July 2016. More cuttings have been taken by the Australian National Botanic Gardens and it is hoped that more than 100 plants will be ready for planting in autumn 2017.

## Management site 2: Cullula Road

LGA: Goulburn Mulwaree

Project partners: Office of Environment and Heritage

Estimated species population size: 68

### 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
Establish stable population in excess of 500 individuals 10 years after first enhancement planting.	Maintain or increase species abundance of 68 individuals.	Species abundance	Population is reasonably stable or increasing - 38 additional plants were found (5 in different localities within the site).	Moderate	Office of Environment and Heritage

### Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$0	\$700

### 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?
As the area occupied by Delicate Pomaderris is so small, it is potentially threatened by any disturbance.	Re-introduce ex-situ material (e.g. seed) or material collected from other extant populations into existing site/s. Continue maintenance of the population until it is viable and able to persist for long periods without intensive management.	Yes

### Site summary

More than 500 *Pomaderris delicata* plants propagated by the Australian National Botanic Gardens were planted into this site in May 2015, supplementing a natural population of less than 100. Despite a very dry summer and autumn 2015-16, the survival rate was high. The enhanced population will contribute source material for further plantings here and in a translocation site in a nearby nature reserve in future years.