



SAVING OUR SPECIES

Carrington Falls Pomaderris

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	Carrington Falls
Action implementation	4 (of 4) management actions were fully or partially implemented as planned for the financial year.
Total expenditure	\$17,577 (\$9,810 cash; \$7,767 in-kind)
Partners	Environment, Energy and Science



Scientific name:
Pomaderris walshii

NSW status:
Critically Endangered

Commonwealth status:
Not listed

Management stream:
Site-managed species





Photo: Stuart Cohen

Priority management site: Carrington Falls

Local government area:
Kiama; Wingecarribee

Partners:
Environment, Energy and
Science

Population outcome

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

Monitoring

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

Monitoring metric	Species abundance
Annual target	Minimum of 100 wild mature plants within population and 100 augmented plants.
Long term target	Increase the population to >200 individuals by 2030.
Monitoring result	Full survey and analysis has not yet been completed. Wild population and translocated populations appear to be stable.
Scientific rigour of monitoring method	High
Conducted by	Environment, Energy and Science

Investment

Participant	Cash	In-kind
Environment, Energy and Science	\$9,810	\$7,767

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?
Changed fire regimes may represent a threat, as may genetic consequences of small population size.	Ensure species requirements are considered in burn plans.	Yes
Only one recorded site with a small population size makes the species vulnerable to genetic problems and stochastic events.	Undertake any maintenance to help ensure translocation success.	Yes
Population decline would likely result from land-use change.	Continue landholder liaison.	Yes
Only one recorded site with a small population size makes the species vulnerable to genetic problems and stochastic events.	Undertake ecological burn.	Partial implementation - Endorsement of the Review of Environmental Factors is still ongoing as a result of fire management activities being focused on hazard reduction and property protection over the last 12 months.

Threat outcome

Assessment on the status of critical threats at this site.

Threat	Annual target	Threat status
Changed fire regimes may represent a threat, as may genetic consequences of small population size.	Maintain or reduce level of threat.	Not assessed
Only one recorded site with a small population size makes the species vulnerable to genetic problems and stochastic events.	60% of the translocated plants are surviving; 50% of plants have a health score of two or above; and some translocated plants are flowering.	On track
Grazing from sheep or cattle on private property.	Fences are intact with no ingress of stock. No grazing impacts occur.	On track
Population decline would likely result from land-use change.	Landuse and practices remain consistent with the conservation of <i>Pomaderris walshii</i> . No adverse impacts related to change of land use.	On track

Site summary

Although population surveys have not been completed, both the original population and translocated population appear to be stable. There have been some major flood disturbances, although the species has encountered these numerous times in the past and major population impacts are not expected. Planning for an ecological burn is in place, following delays due to the 2019–20 bushfire season and other hazard reduction priorities this season. Planning for another translocation is also well underway following the first two successful translocations.

Saving our Species 2020-2021 annual report card for Carrington Falls *Pomaderris (Pomaderris walshii)*. For more information refer to the specific strategy in the Saving our Species program.