

Saving our Species project 2015-2016 annual report card

Gould's Petrel

Species attributes

Scientific name:	<i>Pterodroma leucoptera leucoptera</i>
NSW status:	Vulnerable
Commonwealth status:	Endangered
Management stream:	Site-managed



Photographer: Nicholas Carlisle

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.



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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:	Montague Island; Port Stephens
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:	\$45,192 (\$21,000 cash; \$24,192 in-kind)
Project partners:	Birdlife Australia; Office of Environment and Heritage

Management site 1: Port Stephens

LGA:

Project partners: Office of Environment and Heritage

Estimated species population size: 582 breeding pairs

Population status

On target	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
Maintain above 750 breeding pairs.	Maintain above 750 breeding pairs.	Species abundance	582 breeding pairs.	High	Office of Environment and Heritage; Science Implementation - Conservation

Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$4,000	\$14,400
Science Implementation - Conservation	\$0	\$2,292

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?
Predation by avian predators.	Shooting program every October on Cabbage Tree Island. Currawong populations maintained at 4-6 individuals. Opportunistic monitoring of mortality of petrels on other islands.	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
Predation by avian predators.	Six or less breeding Pied Currawongs.	Not on target	Moderate

Site summary

Species appears to be in decline due to on-island predators, but more significantly, suspected climate change impacts off-shore.

Management site 2: Montague Island

LGA:

Project partners: Birdlife Australia; Office of Environment and Heritage

Estimated species population size: 17 breeding pairs.

Population status

On target	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
30 breeding pairs or more by 2025.	17 breeding pairs or more.	Species abundance	17 breeding pairs	High	Birdlife Australia; Science Implementation - Conservation

Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$17,000	\$0
Science Implementation - Conservation	\$0	\$5,000
Birdlife Australia	\$0	\$2,500

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?
Entanglement in invasive grass (<i>Pennisetum clandestinum</i>).	Site-based chemical control.	Yes

Site summary

Increased number of breeding pairs, but suspected poor breeding success possibly due to climate change impacts away from the island.