

Saving our Species project 2013-14 annual report card

Sand-hill Spider Orchid

Species attributes

Scientific name:	<i>Caladenia arenaria</i>
NSW status:	Endangered
Commonwealth status:	Endangered
Management stream:	Site-managed



Photographer: Geoff Carr

Overall project status*



Populations at all key management sites are generally stable or increasing



All management is being implemented as planned; too early to detect response to management at some sites



Management at some sites requires review/amendment to ensure that the project is likely to meet its objectives



Major review of / changes to the project required to ensure long-term objectives are likely to be met

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

Project summary

Key management sites:	Buckingbong; Lonesome Pine; Urana West; Yarranjerry
Action implementation:	7 of 7 actions were implemented as planned for the financial year (includes species population monitoring actions + other project actions fully or partially implemented)
Total expenditure:	\$26,691 (cash and in-kind)
Project partners:	Murray Local Land Services; Office of Environment and Heritage

Management site 1: Buckingbong

LGA: Narrandera; Urana

Project partners: Murray Local Land Services; Office of Environment and Heritage

Species population monitoring action

Reported trends are based on best available information

Estimated population	Population monitoring conducted	Conducted by	Trend
500	Yes	Office of Environment and Heritage	Unknown

Investment

This includes cash and in-kind contributions

Project participant	Investment
Office of Environment and Heritage	\$12,125

Project actions

The project actions below are those identified as being required in 2013-14 to secure the species in the wild

Threat	Management/monitoring action description	Implemented as planned?
Hybridisation occurring at some populations reducing genetic viability of species	Collect seed and fungi from site and propagate. Prepare site for planting.	Yes

Site summary

Ex-situ conservation progressed.

Management site 2: Lonesome Pine

LGA: Corowa

Project partners: Murray Local Land Services; Office of Environment and Heritage

Species population monitoring action

Reported trends are based on best available information

Estimated population	Population monitoring conducted	Conducted by	Trend
1,000	Yes	Office of Environment and Heritage	Unknown

Investment

This includes cash and in-kind contributions

Project participant	Investment
Office of Environment and Heritage	\$9,125

Project actions

The project actions below are those identified as being required in 2013-14 to secure the species in the wild

Threat	Management/monitoring action description	Implemented as planned?
At risk from stochastic events because of the low number of plants.	Collect seed for storage and propagation.	Yes
Sensitive to browsing by feral herbivores.	Maintain existing fence.	Yes

Site summary

Ex-situ conservation progressed.

Management site 3: Urana West

LGA: Urana

Project partners: Murray Local Land Services; Office of Environment and Heritage

Species population monitoring action

Reported trends are based on best available information

Estimated population	Population monitoring conducted	Conducted by	Trend
300	Yes	Office of Environment and Heritage	Unknown

Investment

This includes cash and in-kind contributions

Project participant	Investment
Office of Environment and Heritage	\$5,441

Project actions

The project actions below are those identified as being required in 2013-14 to secure the species in the wild

Threat	Management/monitoring action description	Implemented as planned?
At risk from stochastic events because of the low number of plants.	Collect seed for storage and propagation.	Yes

Site summary

Ex-situ conservation progressed.

Management site 4: Yarranjerry

LGA: Coolamon

Project partners: Murray Local Land Services; Office of Environment and Heritage

Species population monitoring action

Reported trends are based on best available information

Estimated population	Population monitoring conducted
300	No

Investment

This includes cash and in-kind contributions

Project participant	Investment
N/A	\$0

Site summary

Impacts of forestry operations minimised.