

Saving our Species project 2013-14 annual report card

Myriophyllum implicatum

Species attributes

Scientific name:	<i>Myriophyllum implicatum</i>
NSW status:	Critically endangered
Commonwealth status:	Not listed
Management stream:	Site-managed



Photographer: Marc Irvin

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:	Pilliga Nature Reserve; Translocation site
Action implementation:	1 of 3 actions were implemented as planned for the financial year (includes species population monitoring actions + other project actions fully or partially implemented)
Total expenditure:	\$9,440 (cash and in-kind)
Project partners:	Office of Environment and Heritage

Management site 1: Pilliga Nature Reserve

LGA: Narrabri

Project partners: Office of Environment and Heritage

Species population monitoring action

Reported trends are based on best available information

Estimated population	Population monitoring conducted
NA	No

Investment

This includes cash and in-kind contributions

Project participant	Investment
Office of Environment and Heritage	\$9,440

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?
Habitat destruction by feral pigs.	Implement reactive baiting and/or trapping as necessary to control local pig densities. Target current pig control program to include this site. Timing of the program is increasingly important as the landscape dries out, therefore baiting should be targeted at the drying phase of the wetland areas.	Partial
Very little known about about species' distribution, especially on private lands to the north.	Survey drainage lines/wetlands on private land areas immediately to the north of the site in spring/summer, or following rain event. Ensure appropriate expertise is employed; the species is often difficult to identify (can be confused with <i>Myriophyllum simulans</i> or <i>Myriophyllum striatum</i>). Ensure approval for access is sought from relevant landholders prior to survey.	No

Site summary

The species requires water inundation to be present at the site. Insufficient rainfall during the spring to autumn periods occurred. Population monitoring was unable to be implemented.

Management site 2: Translocation site

LGA: site to be selected

No actions were implemented at this site during 2013/14.