

Species attributes

Scientific name:	<i>Melaleuca biconvexa</i>
NSW status:	Vulnerable
Commonwealth status:	Vulnerable
Management stream:	Site-managed



Photographer: Steve Clarke

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:	Ourimbah; Porters Creek; St Georges Basin
Action implementation:	9 of 9 actions were implemented as planned for the financial year (includes species population monitoring actions + other project actions fully or partially implemented)
Total expenditure:	\$88,625 (\$48,325 cash; \$40,300 in-kind)
Project partners:	Central Coast Council; NSW Environmental Trust; Porters Creek Landcare; Office of Environment and Heritage; Shoalhaven City Council

Management site 1: St Georges Basin

LGA: Shoalhaven

Project partners: NSW Environmental Trust; Office of Environment and Heritage; Shoalhaven City Council

Estimated species population size: Unknown

Population status



Species population monitoring was not conducted at this site this financial year (not required annually). The species population is inferred to be not on target based on threat management being not on target.

Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$0	\$400
Shoalhaven City Council	\$0	\$200

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?
Clearing for residential development.	Liaise with landholder(s) about entering into a voluntary management agreement to maintain or enhance the species and its habitat. Target properties based on density of the species and likelihood of creating corridors adjacent to reserve tenures.	Partial implementation (Dependant on other component)

Site summary

Survey of this site was not prioritised this year, with focus on engaging with landholders.

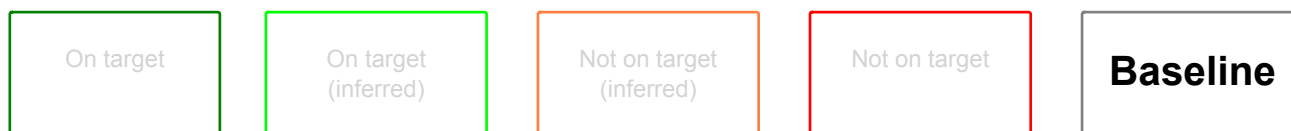
Management site 2: Porters Creek

LGA: Wyong

Project partners: NSW Environmental Trust; Porters Creek Landcare; Office of Environment and Heritage; Central Coast Council

Estimated species population size: Unknown (>10000)

Population status



Index	Monitoring result	Confidence in monitoring	Conducted by
Species extent of occurrence	485ha mapped across whole Central Coast, 95% on private land	Moderate	Office of Environment and Heritage; Central Coast Council

Investment

Project participant	Cash	In-kind
Central Coast Council	\$2,400	\$3,200
NSW Environmental Trust	\$20,675	\$0
Office of Environment and Heritage	\$0	\$600
Porters Creek Landcare	\$0	\$32,500

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?
Competition from noxious aquatic weeds particular <i>Sagittaria platyphylla</i> along with woody weeds such as Privet.	Physical and chemical control of weeds. Spot spray plants only (not in water) or dab leaves with a wand using Glyphosate for aquatic use only (e.g. bi-active) in spring and summer, prior to flowering. Remove by hand In sensitive areas.	Yes

Site summary

Fine scale mapping has been undertaken to help understand the prioritisation of the species across the Central Coast. Weed control has been undertaken in priority sites and census sites to measure recruitment developed.

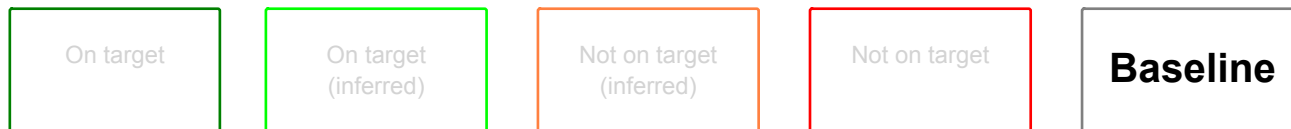
Management site 3: Ourimbah

LGA: Gosford

Project partners: Central Coast Council; NSW Environmental Trust; Office of Environment and Heritage

Estimated species population size: Unknown (>5000)

Population status



Index	Monitoring result	Confidence in monitoring	Conducted by
Species extent of occurrence	Fine scale mapping with approximately 485ha of the species mapped across the Central Coast. Most occurrences on private land and threats include weeds and private land use/development.	Moderate	Central Coast Council; Office of Environment and Heritage

Investment

Project participant	Cash	In-kind
Central Coast Council	\$0	\$2,800
NSW Environmental Trust	\$25,250	\$0
Office of Environment and Heritage	\$0	\$600

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?
Competition from noxious aquatic weeds particular <i>Sagittaria platyphylla</i> along with woody weeds such as Privet.	Physical and chemical control of weeds. Spot spray plants only (not in water) or dab leaves with a wand using Glyphosate for aquatic use only (e.g. bi-active) in spring and summer, prior to flowering. Remove by hand in sensitive areas. Include photo monitoring.	Yes
Increased pollution and nutrients through adjoining developments and rubbish dumping.	Liase with Council to minimise impacts of sporting development on the species and prevent permanent inundation of the site.	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
Increased pollution and nutrients through adjoining developments and rubbish dumping.	Identify if threat present	On target	High
Competition from noxious aquatic weeds particular <i>Sagittaria platyphylla</i> along with woody weeds such as Privet.	Collect baseline data	Baseline	Moderate

Site summary

Mapping of the species across the Central Coast has allowed greater prioritisation of actions to be undertaken. Intensive primary weed control has been undertaken along with establishing survey sites to measure recruitment. Liaison with the Roads and Maritime Services has begun on the road realignment.