Saving our Species project 2015-2016 annual report card
Asterolasia buxifolia

Species attributes

Scientific name:	*Asterolasia buxifolia*
NSW status:	Endangered
Commonwealth status:	N/A
Management stream:	Site-managed

Photographer: R.O. Makinson

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

Project summary

Priority management sites:	Hyde Park, Lithgow
Action implementation:	4 of 4 actions were implemented as planned for the financial year (includes species population monitoring actions + other project actions fully or partially implemented)
Total expenditure:	$48,897 ($40,039 cash; $8,858 in-kind)
Project partners:	Australian Botanic Garden Mount Annan; Lithgow City Council; Lithgow Oberon Landcare Association; Office of Environment and Heritage; University of Wollongong

Management site 1: Hyde Park, Lithgow

LGA: Lithgow

Project partners: Australian Botanic Garden Mount Annan; Lithgow City Council; Lithgow Oberon Landcare Association; Office of Environment and Heritage; University of Wollongong

Estimated species population size: >535

Population status

On target	**On target (inferred)**	Not on target (inferred)	Not on target	Baseline

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

Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	$40,039	$8,858

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?
Susceptible to extinction from human-induced or random natural events, because of the small size and limited genetic base of its single population.	Collect seed for storage at Mount Annan Botanic Gardens, in sufficient quantities to resource research and future translocation and augmentation trials. Undertake a trial population augmentation at Hyde Park.	Yes
Susceptible to extinction from human-induced or random natural events, because of the small size and limited genetic base of its single population.	Investigate options for and undertake an experimental translocation to a novel location, with a view to the future establishment of a self-sustaining and secure second population.	Yes
Weeds including Japanese Honeysuckle (Lonicera japonica), Blackberry (Rubus sp.), Scotch Broom (Cytisus scoparius) and introduced grass species.	Blackberry and Japanese Honeysuckle control: spot-spraying (brush-off), or cut and paint. Encourage native shrubs and grasses to suppress grasses in the species area (gorge/riparian zone).	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
Weeds including Japanese Honeysuckle (Lonicera japonica), Blackberry (Rubus sp.), Scotch Broom (Cytisus scoparius) and introduced grass species.	Percentage cover of woody weed species in the riparian zone of the River Lett within Hyde Park Reserve is 50% of that recorded in 2015.	On target	Low

Site summary

Seed collection, collation and storage at Mount Annan Botanic Gardens undertaken. University of Wollongong Honours thesis on seed biology completed. Targeted surveys undertaken for new populations and potential translocation sites. Two field days at Hyde Park in September and May. Weed control undertaken at Hyde Park and new memorandum of understanding established to continue weed control.