



## SAVING OUR SPECIES

# Small-leaved Little Dry Shrub

2019-2020 annual report card

### Summary

**Management sites** Mt. Poole

**Action implementation** 1 (of 1) management action was fully or partially implemented as planned for the financial year.

**Total expenditure** \$1,738 (\$1,738 cash; \$0 in-kind)

**Partners** Environment, Energy and Science

**Scientific name:**  
*Xerothamnella parvifolia*

**NSW status:**  
Endangered

**Commonwealth status:**  
Vulnerable





**Management stream:**  
Partnership (range-restricted)

# Priority management site: Mt. Poole

**Local government area:**  
Unincorporated

**Partners:**  
Environment, Energy and  
Science

## Population outcome

-  **On track**
-  On track (inferred)
-  Not on track (inferred)
-  Not on track

## Monitoring

*Species population monitoring by one or more methods indicates response to management over time and provides an outcome measure.*

<b>Monitoring metric</b>	Species abundance
<b>Annual target</b>	Maintain abundance of protected plants at 2016 levels (60 plants).
<b>Long term target</b>	10% increase in plant abundance from 2016 levels over 20 years.
<b>Monitoring result</b>	There are 68 individuals alive of which 64 are within goat exclosures.
<b>Scientific rigour of monitoring method</b>	High
<b>Conducted by</b>	Environment, Energy and Science

## Investment

Participant	Cash	In-kind
Environment, Energy and Science	\$1,738	\$0

## Management actions

*The following actions are those identified as being required in financial year 2019-2020 to secure the species in the wild.*

Threat	Management action	Implemented as planned?
Intense grazing threatens successful seed set and seedling survival.	Conduct a visual assessment and remedy immediate threats with respect to presence of pest animal, domestic stock, and weeds.	Yes

## Threat outcome

Assessment on the status of critical threats at this site.

Threat	Annual target	Threat status
Major grazing disturbance (Euros, rabbits, goats and sheep) in Mt Poole populations.	Nil disturbance observed due to browsing.	On track
Intense grazing threatens successful seed set and seedling survival.	Increased seed set and seedling survival from yet to be determined baseline level.	Not assessed
The very restricted size and distribution of the population makes it susceptible to stochastic extinction.	Increased knowledge of the restricted size and distribution of the species.	Not assessed

## Site summary

The living plants have responded to rainfall and have new growth and some have flowered. Protection of the remaining plants needs to continue as any recruitment outside protective fencing is likely to fail due to browsing by goats. Ongoing drought conditions are a concern for this species at this site even though the recent rainfall event has alleviated the situation somewhat.

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Saving our Species 2019-2020 annual report card for Small-leaved Little Dry Shrub (*Xerothamnella parvifolia*). For more information refer to the specific strategy in the Saving our Species program.