



## SAVING OUR SPECIES

# Parris' Bush-pea

2020-2021 annual report card

### Overall status\*



Populations at all sites are known to be on track.



**Threat management is known to be on track at all sites, and population status is unknown at one or more sites.**



Threat management is known to be off track at one or more sites, and population status is unknown at one or more sites.



Populations at one or more sites are known to be off track.

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

### Summary

<b>Management sites</b>	Imlay Road; Wadbilliga National Park
<b>Action implementation</b>	1 (of 1) management action was fully or partially implemented as planned for the financial year.
<b>Total expenditure</b>	\$2,506 (\$866 cash; \$1,640 in-kind)
<b>Partners</b>	Environment, Energy and Science



**Scientific name:**  
*Pultenaea parrisiae*

**NSW status:**  
Vulnerable

**Commonwealth status:**  
Vulnerable

**Management stream:**  
Site-managed species





Photo: Jackie Miles

# Priority management site: Imlay Road

**Local government area:**  
Snowy Monaro Regional

**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>	Population remains detectable subject to fluctuations in flowering plants and suitable climatic conditions.
<b>Long term target</b>	Ensure that the species persists at the site.
<b>Monitoring result</b>	One plant each in 4 out of 6 cages. Eleven plants in adjacent control plots.
<b>Scientific rigour of monitoring method</b>	Low
<b>Conducted by</b>	Environment, Energy and Science

## Investment

Participant	Cash	In-kind
Environment, Energy and Science	\$800	\$350

## Management actions

*No management actions were planned at this site for the financial year.*

## Threat outcome

Assessment on the status of critical threats at this site.

Threat	Annual target	Threat status
Population near Imlay Road is under threat from accidental damage.	No impacts from roadworks within the population.	On track
At least one population is at risk from feral pig damage.	Not required this year.	On track
Potentially threatened by <i>Phytophthora cinnamomi</i>	No new phytophthora incursions.	On track
Known populations are highly localised and small in size. The species is thus highly vulnerable to local adverse stochastic events.	Not required/not possible.	On track

## Site summary





The site is recovering well following the 2019—20 bushfires. One plant was found in each of the 4 of the 6 remaining, permanent cages. In the adjacent control plots, 11 plants were found. Pig damage was observed for the first time in late June, and this will be closely monitored and factored into the 2021—22 pig control program. Survey and monitoring is still challenging due to the small size of the seedlings and dense cover of associated vegetation. Some vegetation within the cages is becoming overgrown, with *Acacia* and *Gahnia* species colonising the burnt ground.

# Priority management site: Wadbilliga National Park

**Local government area:**  
Snowy Monaro Regional

**Partners:**  
Environment, Energy and Science

## Population outcome

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

The species population is inferred to be on track based on threat management being on track. The population trend is unknown at this time.

## 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>	Population remains detectable subject to fluctuations in flowering plants and suitable climatic conditions.
<b>Long term target</b>	Ensure that the species persists at the site.
<b>Monitoring result</b>	Not applicable
<b>Scientific rigour of monitoring method</b>	Not applicable
<b>Conducted by</b>	Environment, Energy and Science

## Investment

Participant	Cash	In-kind
Environment, Energy and Science	\$66	\$1,290

## Management actions

*The following actions are those identified as being required in financial year 2020-2021 to secure the species in the wild.*

Threat	Management action	Implemented as planned?
At least one population is at risk from feral pig damage.	Action not required this year.	Yes

## Threat outcome

Assessment on the status of critical threats at this site.

Threat	Annual target	Threat status
At least one population is at risk from feral pig damage.	No evidence of pig activity or impacts.	On track
Potentially threatened by <i>Phytophthora cinnamomi</i>	<i>Phytophthora</i> infection rate less than 10% of site.	Not assessed
Known populations are highly localised and small in size. The species is thus highly vulnerable to local adverse stochastic events.	Undertake one seed collection.	On track

## Site summary

Population was monitored but it was difficult to detect and confidently identify *Pultenaea parrisiae*. It is highly likely they are still present but this is better determined during monitoring in spring 2021. Pigs are present at the site, but no damage has occurred within the known populations.

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Saving our Species 2020-2021 annual report card for Parris' Bush-pea (*Pultenaea parrisiae*). For more information refer to the specific strategy in the Saving our Species program.