

Saving our Species project 2015-2016 annual report card

Dwarf Mountain Pine

Species attributes

| | |
|----------------------|----------------------------------|
| Scientific name: | <i>Pherosphaera fitzgeraldii</i> |
| NSW status: | Endangered |
| Commonwealth status: | Endangered |
| Management stream: | Site-managed |



Photographer: Ian Brown

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: | Elphinstone; Katoomba Falls; Narrow Neck; Wentworth Falls |
| Action implementation: | 2 of 2 actions were implemented as planned for the financial year (includes species population monitoring actions + other project actions fully or partially implemented) |
| Total expenditure: | \$12,000 (\$2,900 cash; \$9,100 in-kind) |
| Project partners: | Blue Mountains City Council; Charles Darwin Walk Bushcare Group; Jamison Street Landcare Group; Office of Environment and Heritage; Valley of the Waters Bushcare Group |

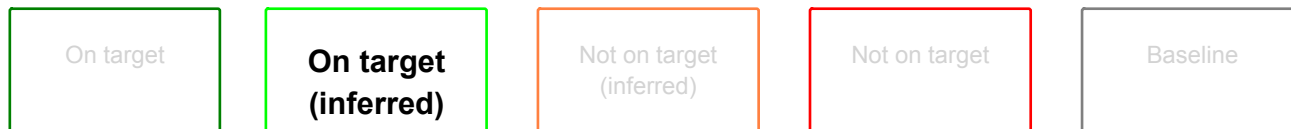
Management site 1: Katoomba Falls

LGA: Blue Mountains

Project partners: Blue Mountains City Council; Office of Environment and Heritage

Estimated species population size: Less than 100 individuals

Population status



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 |
|------------------------------------|---------|---------|
| Blue Mountains City Council | \$0 | \$700 |
| Office of Environment and Heritage | \$2,900 | \$0 |

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? |
|---|---|-------------------------|
| Weed encroachment onto plants, weed invasion into or expansion within the catchments, and insensitive control measures. | Carry out weed density assessment. Physical removal of weeds at site, and upstream of site. | Yes |

Site summary

Integrated weed control works in the Katoomba Falls catchment, both directly on weeds impacting on habitat areas and on propagule sources within the catchment, are progressively reducing the risks from weed invasion. Some plants show partial dieback, possibly a result of the weeds and/or the heavy water flows. High community engagement has been achieved.

Management site 2: Narrow Neck

LGA: Blue Mountains

Project partners: None.

Estimated species population size: 25

No actions were implemented at this site for this financial year.

Site summary

Plants all looking healthy. No weed work carried out in 2015/16 as weeds are not a major issue.

Management site 3: Elphinstone

LGA: Blue Mountains

Project partners: None.

Estimated species population size: Unknown

No actions were implemented at this site for this financial year.

Site summary

Plants are all healthy and in good condition with few threats.

Management site 4: Wentworth Falls

LGA: Blue Mountains

Project partners: Blue Mountains City Council; Charles Darwin Walk Bushcare Group; Jamison Street Landcare Group;
Office of Environment and Heritage; Valley of the Waters Bushcare Group

Estimated species population size: Approximately 300

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 |
|-------------------------------------|------|---------|
| Blue Mountains City Council | \$0 | \$700 |
| Charles Darwin Walk Bushcare Group | \$0 | \$2,450 |
| Jamison Street Landcare Group | \$0 | \$2,450 |
| Office of Environment and Heritage | \$0 | \$350 |
| Valley of the Waters Bushcare Group | \$0 | \$2,450 |

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? |
|---|----------------------------|---|
| Weed encroachment onto plants, weed invasion into or expansion within the catchments, and insensitive control measures. | Physical control of weeds. | Partial implementation (activities were spread across this and other populations of this species) |

Site summary

Impacts from weeds are gradually reducing due to ongoing weed control efforts. Plants are showing signs of stress, possibly as a result of pollution.