

# Saving our Species project 2015-2016 annual report card Needle Geebung

### Species attributes

| Scientific name:     | Persoonia acerosa |
|----------------------|-------------------|
| NSW status:          | Vulnerable        |
| Commonwealth status: | Vulnerable        |
| Management stream:   | Site-managed      |



Photographer: M Fagg/courtesy of Australian National Botanic Gardens www.anbg.gov.au/index.html

### 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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Populations at one or more sites are not on target.

### **Project summary**

| Priority management sites: | Great Western Hwy   |
|----------------------------|---|
| 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:         | \$12,700 (\$9,900 cash; \$2,800 in-kind)  |
| Project partners:          | Blue Mountains City Council; Office of Environment and Heritage   |



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

## Management site 1: Great Western Hwy

LGA: Blue Mountains

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

Estimated species population size: Less than 1000

### Population status

On target

On target (inferred)

Not on target (inferred)

Not on target

**Baseline** 

| Index             | Monitoring result | Confidence in monitoring | Conducted by                |
|-------------------|-------------------|--------------------------|-----------------------------|
| Species abundance | Baseline data     | Moderate                 | Blue Mountains City Council |

#### Investment

| Project participant                | Cash    | In-kind |
|------------------------------------|---------|---------|
| Blue Mountains City Council        | \$0     | \$2,800 |
| Office of Environment and Heritage | \$9,900 | \$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? |
|---|--|-------------------------|
| Disturbance by recreational trail bikes,<br>4WDs, rubbish dumping at large population<br>on Council Reserve in Lawson | Erect barriers to prevent trail bikes and 4WDs entering Council Reserve at Lawson.   | Yes                     |
| Habitat disturbance during road maintenance.  | Install signage and guide posts along road and fire trail verges to notify of environmentally sensitive area and prevent harm. | Yes                     |
| Lack of knowledge about distribution of the species.  | Targeted survey of all potential habitat.  | Yes                     |

### Site summary

All remaining potential habitat in Council-managed bushland reserves were surveyed. New records were uploaded to the BioNet Atlas. The majority of records were of single plants and most were located less than 3 metres from roadways, fire trails, mountain bike trails, pedestrian pathways. power easements or private property boundaries.