

### Species attributes

|                      |                            |
|----------------------|----------------------------|
| Scientific name:     | <i>Persoonia marginata</i> |
| NSW status:          | Vulnerable                 |
| Commonwealth status: | Vulnerable                 |
| Management stream:   | Site-managed               |



Photographer: J. Plaza

### 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: | Clandulla State Forest                                                                                                                                                    |
| Action implementation:     | 3 of 3 actions were implemented as planned for the financial year (includes species population monitoring actions + other project actions fully or partially implemented) |
| Total expenditure:         | \$4,589 (\$788 cash; \$3,801 in-kind)                                                                                                                                     |
| Project partners:          | Office of Environment and Heritage                                                                                                                                        |

## Management site 1: Clandulla State Forest

LGA: Mid-Western Regional

Project partners: Office of Environment and Heritage

Estimated species population size: >1000

### Population status

**On target**

On target  
(inferred)

Not on target  
(inferred)

Not on target

Baseline

| Long term target                                                                        | Annual target                                                                                                                                                                            | Index | Monitoring result                                                                                                                                                                           | Confidence in monitoring | Conducted by                       |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------|
| Ensure that the species population increases or remains stable +/-20% in the long term. | In the absence of fire, the average decrease in density of <i>Persoonia marginata</i> ramets (as defined in the monitoring plan) across all 50x50m and 20x20m plots does not exceed 20%. | Other | The average change in density across all eight 50x50m and 20x20m plots was 16% and 17% respectively. Taking an average of each of the three paired plots provides a density of 10% and 18%. | Moderate                 | Office of Environment and Heritage |

### Investment

| Project participant                | Cash  | In-kind |
|------------------------------------|-------|---------|
| Office of Environment and Heritage | \$788 | \$3,801 |

### 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? |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------|
| Habitat loss and degradation due to mining, forestry activities, trail construction/maintenance, and recreational activities. | Liaison with Forestry Corporation of NSW to write-in site management for this species. | 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 |
|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------|
| Habitat loss and degradation due to mining, forestry activities, trail construction/maintenance, and recreational activities. | In the absence of fire, the average decrease in density of <i>Persoonia marginata</i> ramets (as defined in the monitoring plan) across all 50x50m and 20x20m plots does not exceed 20%. | On target     | Moderate                 |

## Site summary

Monitoring was undertaken across eight sites in Clandulla State Forest in a sampling design that accommodates assessment of future burn plans by the Forestry Corporation of NSW.