

## Saving our Species project 2013-14 annual report card

### Bossiaea fragrans

#### Species attributes

|                      |                          |
|----------------------|--------------------------|
| Scientific name:     | <i>Bossiaea fragrans</i> |
| NSW status:          | Critically endangered    |
| Commonwealth status: | Not listed               |
| Management stream:   | Site-managed             |



Photographer: Keith McDougall

#### Overall project status\*

- Populations at all key management sites are generally stable or increasing
- All management is being implemented as planned; too early to detect response to management at some sites
- Management at some sites requires review/amendment to ensure that the project is likely to meet its objectives
- Major review of / changes to the project required to ensure long-term objectives are likely to be met

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

#### Project summary

|                        |   |
|------------------------|---|
| Key management sites:  | Abercrombie   |
| 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:     | \$32,171 (cash and in-kind)   |
| Project partners:      | Office of Environment and Heritage  |

## Management site 1: Abercrombie

LGA: Bathurst Regional

Project partners: Office of Environment and Heritage

### Species population monitoring action

*Reported trends are based on best available information*

| Estimated population | Population monitoring conducted | Conducted by                       | Trend   |
|----------------------|---------------------------------|------------------------------------|---------|
| Approximately 400    | Yes                             | Office of Environment and Heritage | Unknown |

### Investment

*This includes cash and in-kind contributions*

| Project participant                | Investment |
|------------------------------------|------------|
| Office of Environment and Heritage | \$32,171   |

### Project actions

*The project actions below are those identified as being required in 2013-14 to secure the species in the wild*

| Threat  | Management/monitoring action description   | Implemented as planned? |
|---|--|-------------------------|
| Competition from introduced grass, Serrated Tussock.  | Physical and chemical control of weeds. Care should be taken using herbicides near the <i>Bossiaea</i> as residual herbicide in the soil may affect recruitment. Best to pull plants out when near <i>Bossiaea</i> plants. | Yes                     |
| Grazing by goats.   | 1 day aerial shoot per year. Significant numbers of goats can be removed in a several-hour hunt. Nominate site for inclusion in feral goat baiting trial (coordinated by OEH Pest and Ecological Management Unit).         | Yes                     |
| The highly restricted distribution and small population size, with extremely low numbers of mature individuals renders the species vulnerable to extinction to stochastic events. | Conduct surveys across the site and in adjacent gullies.   | Yes                     |

### Site summary

Targeted surveys and monitoring actions were implemented in full.