



**SAVING OUR SPECIES**

**Genowlan Point Allocasuarina nana Heathland**

**2022-2023 annual report card**

**Summary**

<b>Management sites</b>	Mugii Murum-ban State Conservation Area
<b>Action implementation</b>	1 (of 2) management actions were fully or partially implemented as planned for the financial year.
<b>Total expenditure</b>	\$8,755 (\$7,630 cash; \$1,125 in-kind)
<b>Partners</b>	Environment and Heritage Group



**Name:**  
*Genowlan Point  
Allocasuarina nana  
Heathland*

**NSW status:**  
Endangered Ecological  
Community

**Commonwealth  
status:**  
Not listed

**Management stream:**  
Ecological community  
(range-restricted)

Photo: Ian Brown

# Priority management site: Mugii Murum-ban State Conservation Area

<p><b>Local government area:</b> Lithgow City</p> <p><b>Partners:</b> Environment and Heritage Group</p>	<p><b>Ecological community outcome</b></p> <ul style="list-style-type: none"> <li><span style="color: green;">●</span> On track</li> <li><span style="color: lightgreen;">●</span> On track (inferred)</li> <li><span style="color: orange;">●</span> <b>Not on track (inferred)</b></li> <li><span style="color: red;">●</span> Not on track</li> </ul> <p>The viability of the ecological community is inferred to be off track based on threat management being off track. The trend in viability is unknown at this time.</p>
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## Monitoring

*Ecological community viability monitoring by one or more methods indicates response to management over time and provides an outcome measure.*

Ecological community monitoring was not conducted at this site this financial year - dependent on other component.

## Investment

Participant	Cash	In-kind
Environment and Heritage Group	\$7,630	\$1,125

## Management actions

*The following actions are those identified as being required in financial year 2022-2023 to maximise the viability of the ecological community.*

Threat	Management action	Implemented as planned?
Disturbance and browsing by goats, particularly during drought.	Undertake aerial control.	Yes
Lack of fire may be causing reduction in species diversity. Site has not been burned since the 1970s.	Implement trial burn.	No - logistical delays

## Threat outcome

*Assessment on the status of critical threats at this site.*

Threat	Annual target	Threat status
Disturbance and browsing by goats, particularly during drought.	Goat activity does not increase in vicinity of the Threatened Ecological Community.	Not assessed
The limited extent of the TEC, combined with recreational disturbance, makes it susceptible to soil-borne pathogens such as <i>Phytophthora cinnamomi</i> .	Symptoms of <i>Phytophthora</i> die-back are not observed in vicinity of the Threatened Ecological Community.	On track
Potential for impacts from underground mining activity.	No subsidence impacts are observed in vicinity of the Threatened Ecological Community.	On track

Natural cliff-fall diminishes size of TEC.	Extent of occurrence remains stable.	On track
Lack of fire may be causing reduction in species diversity. Site has not been burned since the 1970s.	Fire is introduced experimentally to test this threat.	Not assessed
Habitat degradation due to 4WD vehicles and trail bikes.	Threat is not observed in vicinity of the Threatened Ecological Community.	On track

## Site summary

An experimental burn in the Genowlan Point *Allocasuarina nana* Heathland Threatened Ecological Community was not undertaken given unsuitable weather conditions in the narrow window available. National Parks and Wildlife Service have however continued to manage disturbance threats to the community by managing access to the site by 4WD and trail bikes, and by undertaking an aerial control operation of goats, which also benefits the co-occurring Genowlan Pea.