

# Conservation Action Plan

## *Acacia dangarensis*

This plan has been prepared in accordance with the requirements of s.78(c) of the National Parks and Wildlife Regulation 2019 in relation to an Asset of Intergenerational Significance (AIS) as declared under s.153G of the *National Parks and Wildlife Act 1974*.

## Site details

AIS site	AIS-ES-100
Site location	An area of 1050 hectares in Goulburn River National Park
NPWS contact	Manager, Mudgee Area, Blue Mountains Branch

## Environmental values

This table sets out the environmental values for which the land was listed as an AIS (Reg. 78C(3)(a)).

Identified value(s)	Value description
Important habitat for <i>Acacia dangarensis</i>	<i>Acacia dangarensis</i> is a critically endangered small tree that grows up to ten metres in height. <i>Acacia dangarensis</i> is endemic to New South Wales and confined to the summit and surrounding slopes of Mount Dangar south of Merriwa, within Goulburn River National Park.

## Key risks to environmental values

This table sets out the key risks to the environmental values of the land (Reg. 78C(3)(b)).

Key risk(s)	Description
Inappropriate fire regimes	Inappropriate fire frequency and intensity that limits growth and reproduction may lead to a decline or extinction of <i>Acacia dangarensis</i> population at the site/s.
Weeds	Habitat degradation and competition through invasion, establishment, intensification and spread of weeds to the extent that recruitment or establishment of plants is impaired.
Feral herbivores	Damage to individual plants and degradation of <i>Acacia dangarensis</i> habitat by introduced herbivores through grazing and trampling.

## Conservation activities

This table sets out the conservation activities required to:

- Control, abate or mitigate the key risks and
- maintain, restore and remediate the environmental values of the land (Reg. 78C(3)(c)).

Key risk(s)	Impacted site(s)	Conservation activities
Inappropriate fire regimes	All sites	<ul style="list-style-type: none"> <li>Develop guidance on the appropriate fire management for the habitat of <i>Acacia dangarensis</i> within 12 months of adoption of this plan and update as required. This guidance must provide for:               <ul style="list-style-type: none"> <li>- maintenance of an appropriate fire regime by developing and implementing a site-specific burn plan for the declared areas</li> <li>- implementation of any required fire protection and response measures in the declared areas</li> <li>- integration of site-specific requirements into NPWS and NSW Government bushfire planning, risk management and operational response arrangements.</li> </ul> </li> <li>Implement fire management consistent with the guidance.</li> </ul>
Weeds	All sites	<ul style="list-style-type: none"> <li>Remove weed species to the extent required to ensure weeds do not have a negative impact on <i>Acacia dangarensis</i>, by targeted application of physical, biological and chemical weed control.</li> </ul>
Feral herbivores	All sites	<ul style="list-style-type: none"> <li>To the extent practicable, reduce feral goat densities to a level that is not having an ecologically significant impact on <i>Acacia dangarensis</i>, and maintain densities at or below that level, by trapping, baiting and shooting.</li> </ul>
All risks	All sites	<ul style="list-style-type: none"> <li>If required, establish ex-situ seedbank or living collection from a genetically representative sample of the population.</li> <li>If required, augment the existing population or establish a new population with ex-situ material.</li> </ul>

## Other land management activities

Within the declared land there are existing assets and infrastructure of NPWS and other external service providers, including public utilities.

Maintenance operations (including inspection, emergency works and routine and standard maintenance) that are exempt development in accordance with the *Environmental Planning and Assessment Act 1979*, and which are performed on and around existing assets and infrastructure, are authorised under this conservation action plan (CAP) provided such operations are taken in a manner that aims to minimise the risk to the declared environmental values of the land and with any other required consents or approvals.

All maintenance operations on the declared land are to be undertaken in accordance with this CAP.

## Measuring and reporting

This table sets out the requirements for measuring and reporting on health and condition (Reg. 78C(3)(d)).

Attribute	Metric	Method
Health and condition of the <i>Acacia dangarensis</i> population	Population estimate	Design, and implement annually, monitoring to generate an estimate of the number of mature plants, senescing individuals and seedlings.

A report on the health and condition of the value for which this AIS was declared will be prepared and published on the Department of Planning and Environment website: [www.environment.nsw.gov.au](http://www.environment.nsw.gov.au). The report will summarise the baseline and current health and condition of the values of the declared land and its overall trajectory.

## Evaluation of conservation action plans

This CAP will be amended or replaced as new information becomes available that helps improve our management of the identified asset (Reg. 78H).

The Secretary must appoint a scientist, or a panel of scientists, to conduct a review, as soon as possible after the period of five years from the first approval of a CAP, to examine whether CAPs have been effectively implemented (Reg. 78J(1)).

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Approved by	Atticus Fleming, Acting Coordinator General, Environment and Heritage
Due for review	July 2027

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