

Conservation Action Plan

Gingidia rupicola

This plan has been prepared in accordance with the requirements of s.78C of the National Parks and Wildlife Regulation 2019 (Reg.) 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-121, AIS-ES-122
Site location	An area of 327 hectares in New England National Park
NPWS contact	Team Leader Conservation, North Coast 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>Gingidia rupicola</i>	<p><i>Gingidia rupicola</i> is a small, endangered herb that occurs in New England National Park, the only known location of this species. The total population size of the two locations on park is estimated to be 50 individuals. Its leaves are strongly aromatic, and it has clusters of 10-14 small white flowers.</p> <p>The population occurs in snow gum woodland and at the edge of Antarctic beech forest, growing in humic soil of basalt/trachyte rocks, in pockets or cracks on cliff faces at altitudes of 1400-1750 metres above sea level.</p>

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
Anthropogenic climate change	Changes to weather patterns and climatic conditions as a result of anthropogenic climate change that increases the frequency and severity of drought conditions and frequency, intensity or extent of fire may exceed the adaptive capacity and reduce survivorship of <i>Gingidia rupicola</i> at the site. This risk is exacerbated by the restricted distribution and small population size of <i>Gingidia rupicola</i> .
Disturbance	Authorised visitor use that leads to degradation of habitat and damage to individuals. This risk is exacerbated by the very restricted distribution and small population size of <i>Gingidia rupicola</i> .

Conservation activities

This table sets out the conservation activities required to:

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

Key risk(s)	Impacted site(s)	Conservation activities
Anthropogenic climate change	AIS-ES-122	<ul style="list-style-type: none"> • Install a sprinkler system at the Point Lookout population to prevent harm from fires and prolonged drought.
Disturbance	All sites	<ul style="list-style-type: none"> • Undertake periodic reviews to identify whether visitor use is having an adverse impact on <i>Gingidia rupicola</i>. If adverse impacts are observed implement actions to mitigate the impacts. This may include: <ul style="list-style-type: none"> - Installation of signs, threatened species marker posts or barriers to delineate sites - Installation of protective structures around juvenile plants to reduce the likelihood of disturbance from visitors.
All risks	All sites	<ul style="list-style-type: none"> • Establish ex-situ living collection and/or seedbank from a genetically representative sample of the population. • If required, augment the existing population and/or establish a new population with ex-situ material.

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>Gingidia rupicola</i> population	Population count	Design, and implement annually, monitoring to count the number of individuals in the <i>Gingidia rupicola</i> population.

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. 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 assets (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)).

Date prepared	July 2022
Date approved	25 July 2022
Approved by	Atticus Fleming, Acting Coordinator General, Environment and Heritage
Due for review	July 2027