

Conservation Action Plan

Zieria odorifera subsp. copelandii

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-E0-272
Site location	An area of 22 hectares in Mount Kaputar National Park
NPWS contact	Assistant Project Officer Threatened Species, Northern Inland 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>Zieria odorifera subsp. copelandii</i>	The critically endangered <i>Zieria odorifera subsp. copelandii</i> is an erect shrub that grows up to 20 centimetres tall. The species grows in heath on rocky slopes near rock outcrops and is known only from a single population in Mount Kaputar 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
Feral herbivores	Damage to individual plants and degradation of <i>Zieria odorifera subsp. copelandii</i> habitat by introduced herbivores, such as feral goats, through grazing and trampling. This risk is exacerbated by the restricted distribution and small population size of the species.
Disturbance	Unauthorised activities (e.g., illegal collection) that leads to degradation of habitat and damage to individuals by trampling of individual plants.

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
Feral herbivores	All sites	<ul style="list-style-type: none"> • To the extent practicable, reduce the density of feral goats to a level that is not having an ecologically significant impact on the <i>Zieria odorifera subsp. copelandii</i>, and maintain the density at or below that level, by shooting or other approved integrated control measures such as mustering and removal. • Install and maintain protective barriers around plants where practical to prevent impacts from trampling and/or browsing by feral goats.
Disturbance	All sites	<ul style="list-style-type: none"> • Undertake periodic reviews to identify whether visitor use is having an adverse impact on <i>Zieria odorifera subsp. copelandii</i>. If adverse impacts are observed implement actions to mitigate the impacts. This may include: <ul style="list-style-type: none"> - upgrade and realignment of trails to avoid known plants and habitat - installation of barriers or other suitable protective structures around plants to minimise impacts from authorised and unauthorised visitor use. • Develop education material and install interpretive signage to educate and raise awareness of the impacts to <i>Zieria odorifera subsp. copelandii</i> from inappropriate visitor use and how to minimise impacts.

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 undertaken 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>Zieria odorifera subsp. copelandii</i> population	Population count	Design and implement annual monitoring to generate a count of the number of individuals in the population.

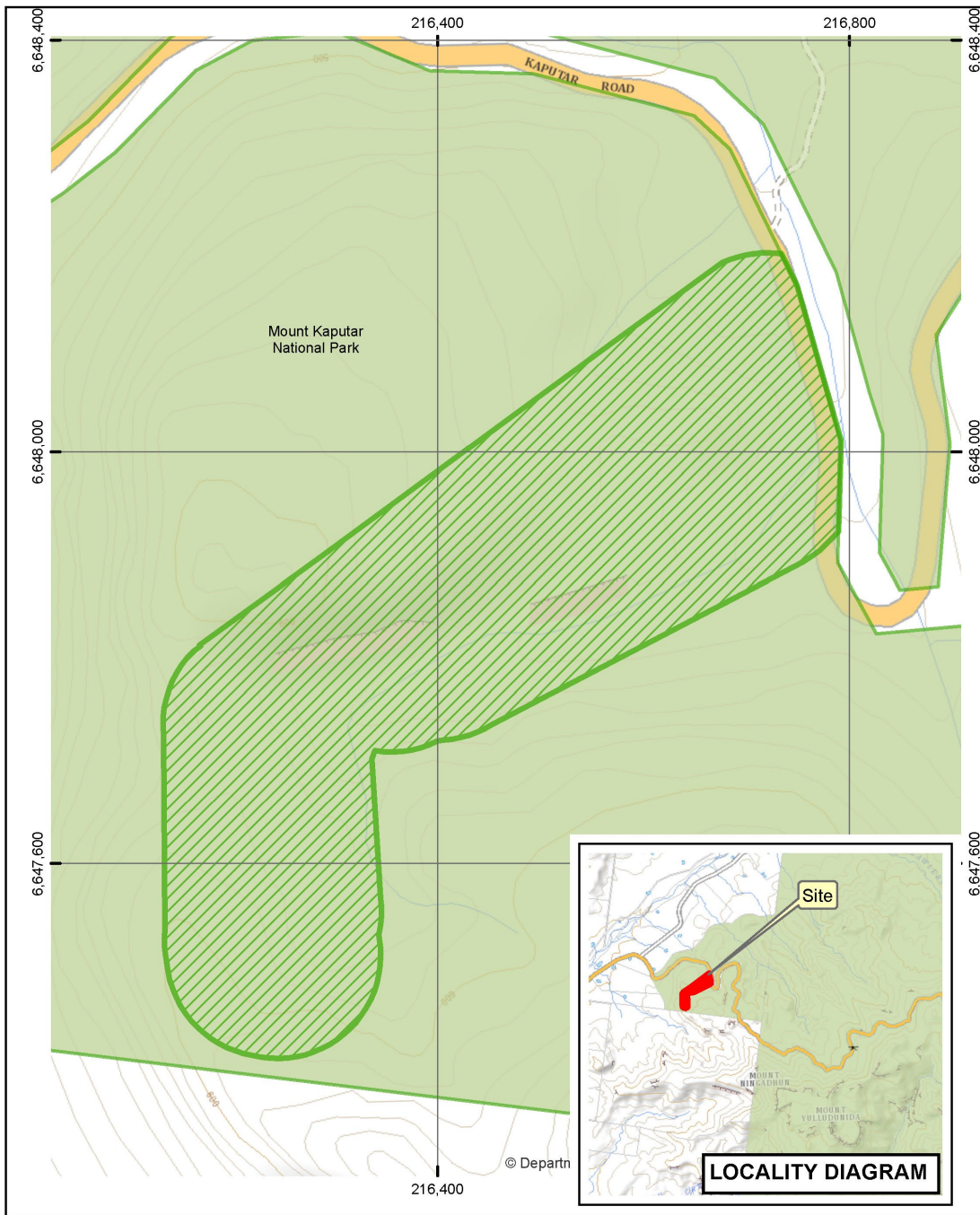
A report on the health and condition of the value for which this AIS was declared will be prepared and published on the Department of Planning and Environment website: www.environment.nsw.gov.au. The report will summarise the baseline and current health and condition of the values of the declared land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

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Legend


-  Declared Land
-  NPWS Estate

AIS-E0-272
Asset of
Intergenerational Significance
Zieria odorifera subsp. copelandii
Mount Kaputar National Park

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Date prepared	March 2023
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Approved by	Atticus Fleming, Acting Coordinator General, Environment and Heritage Group
Due for review	June 2028

Environment and Heritage, Department of Planning and Environment,
Locked Bag 5022, Parramatta NSW 2124
Phone: 1300 361 967; email: info@environment.nsw.gov.au; www.environment.nsw.gov.au
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