

Condition and integrity assessment of natural heritage places – Annex B – Data parameters

DECEMBER 2011

PRODUCED BY Environmental Resources Management Australia
FOR the Department of Sustainability, Environment, Water, Population and Communities
ON BEHALF OF the State of the Environment 2011 Committee



Citation

Environmental Resources Management Australia. Condition and integrity assessment of natural heritage places – Annex B – Data parameters. Report prepared for the Australian Government Department of Sustainability, Environment, Water, Population and Communities on behalf of the State of the Environment 2011 Committee. Canberra: DSEWPaC, 2011.

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Cover image

Birds nest ferns in rainforest near Cairns, QLD
Photo by Mike Trenerry

Preface

This report was commissioned by the Department of Sustainability, Environment, Water, Population and Communities to help inform the Australia State of the Environment (SoE) 2011 report. As part of ensuring its scientific credibility, this report has been independently peer reviewed.

The Minister for Environment is required, under the *Environment Protection and Biodiversity Conservation Act 1999*, to table a report in Parliament every five years on the State of the Environment.

The Australia State of the Environment (SoE) 2011 report is a substantive, hardcopy report compiled by an independent committee appointed by the Minister for Environment. The report is an assessment of the current condition of the Australian environment, the pressures on it and the drivers of those pressures. It details management initiatives in place to address environmental concerns and the effectiveness of those initiatives.

The main purpose of SoE 2011 is to provide relevant and useful information on environmental issues to the public and decision-makers, in order to raise awareness and support more informed environmental management decisions that lead to more sustainable use and effective conservation of environmental assets.

The 2011 SoE report, commissioned technical reports and other supplementary products are available online at www.environment.gov.au/soe.

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Site ID	
Name of Site	
Key Contact / Authority	
Key Contact / Authority Name	
Key Contact / Authority Name Phone No.	
State	
Location	X
	Y
Elevation	
Area (ha)	
IBRA Region	
Reservation Type (eg National Park, Conservation Covenant, Indigenous Protected Area)	
International Union for Conservation of Nature (IUCN) Management Category	
Gazettal date (the year an area was declared a protected area).	
Dominant Vegetation	
Heritage Register (select multiple if applicable)	World Heritage
	National Heritage
	Commonwealth Heritage
	Register of the National Estate (local)
	Other (Bush Heritage, Australian Wildlife Conservancy, National Trust, Indigenous Protected Areas).
	Private
NATURAL HERITAGE VALUES	
Natural Heritage Criteria	a) Processes
	b) Rarity
	c) Research
	d) Characteristic Values
	e) Aesthetic Characteristics
	f) Technical Achievement
	g) Social Value
	h) Significant People
	i) Tradition
Geological Importance / Geoheritage (yes/no)	
EPBC Act Search (No. of)	Threatened flora
	Threatened fauna

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Site ID	
	Migratory species
	Endangered Ecological Communities
ANHAT Data	Species Richness
	Species Endemism
CONDITION	
Site access (restricted/public)	
Site use (select multiple where applicable)	Camping
	Bushwalking
	Fishing
	Boating
	Rock Climbing
	Picnicking
	4WD
	Other
Length of road networks and walking tracks (km)	
Invasive species	Invasive species present?
	How many species?
Pest species	Pest species present?
	How many species?
Climate change	Impacts from climate change?
	Evidence of sea level rise
	Change in vegetation type / condition
	Estimated extent of change in vegetation type / condition (m2)
Controlled fire history on the site? (Last 5 yrs)	Controlled Burning
	What total area (ha) was affected (High Intensity)?
	What total area (ha) was affected (Medium Intensity)?
	What total area (ha) was affected (Low Intensity)?
Wild fire history on the site? (Last 5 yrs)	Wildfire

Site ID	
	What total area (ha) was affected (High Intensity)?
	What total area (ha) was affected (Medium Intensity)?
	What total area (ha) was affected (Low Intensity)?
Erosion (select multiple if required)	Evidence of erosion?
	Streambank
	Roadside
	Beach
	Tracks
	Gully
	Wind
	Mass Movement
Sheet	
Sedimentation from run-off (select multiple if required)	Evidence of sedimentation from run-off?
	Road Culverts
	Dams
	Streambanks
	Tracks
Extreme weather events occurred within the area over the past 5 years?	Extreme weather events occurred within the area over the past 5 years?
Extreme weather events occurred within the area over the past 5 years?	No. Flood events
	Cyclone
	High Wind
	High Rainfall
	Other
MANAGEMENT	
Weed and Pest Management	Does the site have a Weed and Pest Management Plan?
	Year
	Recommended date of review for Plan (Year)
	Regular maintenance regimes recommended?
	Frequency of recommended maintenance regimes (months).
	Is the success of weed and pest control monitored?

Site ID	
Bushfires	Does the site have a Bushfire Management Plan?
	Year
	Recommended date of review for Plan (Year)
	Regular maintenance regimes recommended?
	Frequency of recommended maintenance regimes.
Erosion and Sedimentation Management	Does the site have an Erosion and Sedimentation Management Plan?
	Year
	Recommended date of review for Plan (Year)
	Regular maintenance regimes recommended?
	Frequency of recommended maintenance regimes.
	Is the success of erosion and sedimentation control monitored?
Threatened Species Management	Does the site have a Threatened Species Management Plan or Recovery Plan?
	Recommended date of review for Plan (Year)
	Regular maintenance regimes recommended?
	Frequency of recommended maintenance regimes.
	Are the Threatened species monitored annually?
Heritage Management	Does the site have a Heritage Management Plan?
	Year
	Recommended date of review for Plan (Year)
	Does the plan include natural heritage values?
	Regular maintenance regimes recommended?
	Frequency of recommended maintenance regimes.
Any other Management Plan relevant to the site?	