Title Alpine Sphagnum Bogs and Associated Fens Endangered Ecological Community, Kosciuszko Resorts VIS_ID 4836

Alternative title(s)

Alpine Bog

Abstract

The Alpine Sphagnum Bogs and Associated Fens Ecological Community is derived from Kosciuszko Resorts Vegetation mapped as part of the Kosciuszko Resorts Vegetation Assessment prepared by Ecology Australia in association with N.G.H. Environmental for NSW Planning in 2003 [VIS IDs from 4837 to 4841].

In April 2017 as a preliminary exercise, communities which matched the Alpine Bog EEC status were extracted from the vegetation mapping. These communities included Upland Bog, Valley Bog Complex, certain Tall Tussock Grassland polygons, Sod Tussock Grassland, Subalpine Bog, Subalpine Stream Complex, Alpine Riparian Scrub (Baeckea), and Fen.

PLEASE NOTE that the extraction from the veg mapping was undertaken as a rapid preliminary exercise, the veg mapping from which the habitat layers were derived is now over 15 years old and the habitat areas haven't been further ground truthed.

This Sphagnum Bogs and Associated Fens Endangered Ecological Community is vulnerable to disturbance, soil erosion, weed invasion, sedimentation, climate change and alteration of hydrology. Other significant threats identified are land clearing, fire, grazing and trampling by non-native animals, tourism and increased human infrastructure. This community can also be host to a range of other threatened flora and fauna and has been identified as having a small geographic distribution, has had a reduction in community integrity and a loss or decline of functionally important species.

Many of the threats to this community are addressed by reservation under the National Parks and Wildlife Act 1974. However, private development within ski resort areas is assessed under the Environmental Planning and Assessment Act 1979 – State Environmental Planning Policy {SEPP} (Kosciuszko National Park – Alpine Resorts) – with the Department of Planning and Environment as the consent authority and National Parks and Wildlife Service as a referral agency. Clause 17 of the Alpine Resorts SEPP relates to development applications that are to be referred to the Environmental Agency Head.

A national recover plan has been developed for the Alpine Sphagnum Bogs and Associated Fens Ecological Community and came in to effect on 16 January 2016. http://www.environment.gov.au/biodiversity/threatened/publications/recovery/alpine-sphagnum-bogs-associated-fens

State Level Name: Montane Peatlands and Swamps of the New England Tableland, NSW North Coast, Sydney Basin, South East Corner, South Eastern Highlands and Australian Alps bioregions Listing status: Endangered Ecological Community

Commonwealth Name: Alpine Sphagnum Bogs and Associated Fens. Listing Status: Endangered under the Environment Protection Biodiversity Conservation Act 1999.

VIS ID 4836

Resource locator

Data Quality Statement

Name: Data Quality Statement

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Data quality statement for Alpine Sphagnum Bogs and Associated Fens Ecological Community

Function: download

<u>Download</u> <u>package</u> Name: Download package

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Data & documents
Function: download

Unique resource identifier		
Code	4e5ab129-9e30-448c-9c7e-ba9e6149768f	
Presentation form	Map digital	
Edition	01/04/2017 with topology check 28/06/2018	
Dataset language	English	
Metadata standard		
Name	ISO 19115	
Edition	2016	
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/4e5ab129-9e30-448c-9c7e-ba9e6149768f	
Purpose	Conservation Planning	
Status	Completed	
Spatial representation		
Туре	vector	
Geometric Object Type	complex	
Spatial reference system		
Code identifying the spatial reference system	4283	
Spatial resolution	20 m	
Topic category	у	

Keyword set			
keyword value	ECOLOGY-Habitat		
	HUMAN-ENVIRONMENT-Planning		
Originating controlled vocabulary			
Title	ANZLIC Search Words		
Reference date	2008-05-16		
Geographic location			
West bounding longitude	148.05357		
East bounding longitude	148.4198		
North bounding latitude	-36.414386		
South bounding latitude	-35.741073		
NSW Place Name	Alpine Resorts, Kosciuszko National Park		
Vertical extent information			
Minimum value	-100		
Maximum value	2228		
Coordinate reference system			
Authority code	urn:ogc:def:cs:EPSG::		
Code identifying the coordinate reference system	5711		
Temporal extent			
Begin position	2017-04-01		
End position	N/A		
Dataset reference date			
Resource maintenance			
Maintenance and update frequency	Unknown		
Contact info			
Contact position	Data Broker		
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water		
Telephone number	131555		
Email address	data.broker@environment.nsw.gov.au		
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew		
Responsible party role	pointOfContact		

Lineage

Mel Schroder, while working as Senior Project Officer, Threatened Species, Southern Ranges NPWS Branch, undertook the initial habitat selecting of veg polygons, exporting and classifying in April 2017. Mel is the Species Project Co-ordinator for both the Guthega and Alpine-she oak skink species. Mark Feeney, Environmental Management Officer from Resorts Environmental Services Team, Southern Ranges NPWS Branch, excised road easements and other existing infrastructure in January 2018. Accidental shifting of some selected polygons occurred creating slivers and overlaps for the two skink layers. These had to be manually fixed when achieving 100% error free topology for publishing in June 2018 by Senior Park Systems Officer Anni Blaxland Fuad. The new layers are therefore not completely coincident with the original vegetation mapping.

Limitations on public access

Responsible party

Contact position Data Broker

Organisation name NSW Department of Climate Change, Energy, the Environment and Water

Telephone number 131555

Email address <u>data.broker@environment.nsw.gov.au</u>

Web address https://www.nsw.gov.au/departments-and-agencies/dcceew

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Metadata date 2024-02-26T14:19:38.897494

Metadata language