

Title	Mount Mackenzie Nature Reserve Vegetation 2002 VIS_ID 4747
Alternative title(s)	MountMackenzieNR_2002_E_4747
Abstract	Mount Mackenzie Nature Reserve vegetation mapping was undertaken by Dr John T. Hunter in 2002 by contract for the NPWS Northern Tableland Region. It is described in the Vegetation and Floristics of the Tenterfield Nature Reserves report which includes Bluff River, Bolivia Hill, Curry's Gap, Gibraltar & Mt McKenzie. All reserves lie north of Glen Innes and south of Tenterfield in the New England Tablelands Bioregion. The local government area for all reserves is the Tenterfield Shire and the County of Clive. Mt McKenzie NR is approximately 5 km south west of Tenterfield. It encloses 141 ha. The vegetation of five reserves within the Tenterfield area is described and mapped (scale 1:50 000). Fifteen communities are defined based on PATN analysis and an additional community is mapped based on information derived from previous investigations. These fifteen communities were mapped based on ground truthing, air photo interpretation and landform. Seven communities are considered of conservation importance with two of which were considered endangered and one should be considered vulnerable. Most communities are of woodland structure, although sedgeland, heaths, grasslands, open forests and tall open forests also occur. Many of the communities show considerable variation and intergrade along common boundaries and in particular on intermediate soil types. Physiography was the majorcorrelative influence on community distribution, however protection from the north west and east, time since fire, grazing and geographic locality were also strongly correlated. VIS_ID 4747
Resource locator	
Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for Mount Mackenzie Nature Reserve Vegetation 2002 VIS_ID 4747 Function: download
Download package	Name: Download package Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data & documents Function: download
Unique resource identifier	
Code	861f73ac-74ab-4595-a776-d5756ce7e105
Presentation form	Map digital
Edition	01/01/2002
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016

Dataset URI	https://datasets.seed.nsw.gov.au/dataset/861f73ac-74ab-4595-a776-d5756ce7e105
Purpose	Park and fire management
Status	Completed
Spatial representation	
Type	vector
Geometric Object Type	composite
Spatial reference system	
Code identifying the spatial reference system	4283
Spatial resolution	10 m
Topic category	

Keyword set	
keyword value	VEGETATION-Floristic
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	151.945106
East bounding longitude	151.975868
North bounding latitude	-29.098375
South bounding latitude	-29.081334
NSW Place Name	South west of Tenterfield, NSW
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	2002-02-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Unknown
Contact info	
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Lineage	This survey of the vegetation of the Tenterfield Nature Reserves (Bluff River, Bolivia Hill, Curry's Gap, Gibraltar & Mt McKenzie) was prepared by Dr John T. Hunter at the request of the Glen Innes Area of the Northern Tablelands Region. The requirement was that existing information from previous floristic surveys are collated and that up to 135 stratified sites be surveyed in order to complete a comprehensive survey of the vegetation and flora of Bluff River, Bolivia Hill, Curry's Gap, Gibraltar and Mt McKenzie Nature Reserves. The report represents the findings of this survey. The collated information is to be used as a guide for management purposes. The requirements of the investigation were: 1. Collate existing information from previous vegetation surveys conducted within the Nature Reserves. Data sources recovered included full floristic sites from: • Checklist of species found within the Bolivia Hill Rail Easement (Hunter 2000). • 22 sites conducted for the floristic inventory of the granitic outcrop vegetation of the New England Batholith (Hunter 1999) • Backwater & Bolivia Multispecies Recovery Plan (Hunter unpublished report) • Targeted survey for Pimelea venosa at Bluff River and Bolivia Hill (Hunter & Earl 1999). • Checklist of species at Bolivia Hill (Williams 1968) • Survey results from the targeted survey for Boronia boliviensis (Moresley & Falconer 1999) 2. Site placement to be based on selected environmental variables and be distributed based on the area they occupy. 3. Identify weed species and their occurrence. 4. Identify ROTAP and TSC Act species and their occurrence. 5. Identify regionally significant species. 6. Provide known fire ecology information on species and communities. 7. Construction of a vegetation map based on communities as defined by PATN analysis. 8. Provide management recommendations. 9. Collection of voucher specimens for reference.		
Limitations on public access			
Responsible party			
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Metadata date	2024-02-26T12:46:37.652911		
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