Title	Assessment of McKies Stringybark/Blackbutt Open Forest on NSW Crown Forest Estate
Alternative title(s)	McKies Stringybark Blackbutt Open Forest: Survey, Classification and Mapping Completed for the NSW Environment Protection Authority
Abstract	The operational map McKies Stringybark/Blackbutt Open Forest (MSBOF) was constructed to resolve long-standing issues surrounding its identification, location and extent within the NSW State Forest estate covered by the eastern Regional Forest Agreements. The project's Threatened Ecological Community (TEC) Reference Panel (the Panel) reviewed the determination for MSBOF and agreed upon a set of diagnostic parameters for its identification. These parameters included the presence of lateritic soils and the characteristic eucalypt species Eucalyptus mckieana and Eucalyptus andrewsii. Using these diagnostic parameters, we assessed whether MSBOF is present within more than 150 000 hectares of state forests within the Upper and Lower North East IFOA areas of the Nandewar and New England Bioregions. We began the assessment process by examining the distribution of Eucalyptus mckieana records in NSW Bionet and other available systematic plot data characterising regional vegetation patterns. We then used the results of a recently completed vegetation mapping in the region (OEH, 2015) to provide an indicative map of related vegetation communities within State Forests. From this initial investigation, we identified three state forests as candidate areas for MSBOF within the Project Study area - Mount Topper, New Valley and Clive State Forests. We collected systematic plot data from these state forests in mapped communities related to the TEC and from within stands of vegetation dominated by the primary eucalypt species described in the determination. On this basis we identified four plots within Mount Topper State Forest as being MSBOF TEC and went on to construct an operational map at a scale commensurate with the needs of forestry field operations. In total, we mapped a total of 201 hectares of MSBOF, 101 hectares of which were contained in the IFOA area. Operational TEC Mapping have been derived by API at a viewing scale between 1- 4000 using ADS40 50 cm pixel imagery and 1 m derived LIDAR DEM grids for floodplain EECs.
Resource locator	
Resource locator	Name: Data Quality Statement
Resource locator <u>Data Quality</u> <u>Statement</u>	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-httpdownload
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Name: Operational and Indicative Maps for the Assessment of Threatened

Operational and Indicative Maps for the Assessment of Threatened Ecological Communities on NSW Crown Forest Estate	Ecological Communities on NSW Crown Forest Estate		
	Protocol: WWW:DOWNLOAD-1.0-httpdownload		
	Description:		
	ESRI ArcGIS Layer File - Operational and Indicative Maps for the Assessment of Threatened Ecological Communities on NSW Crown Forest Estate		
	Function: download		
Native Forestry Map	Name: Native Forestry Map Viewer		
<u>viewei</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload		
	Description:		
	The EPA Native Forestry Map Viewer enables users to view our Koala and Threatened Ecological Community mapping without the need to access a GIS system. The map viewer allows users to perform searches to locate areas of interest and export resulting map views into various image file formats.		
	Function: download		
Unique resource identifier			
Code	21a71d83-2986-42c0-8eb4-8794c7cd1998		
Presentation form	Map digital		
Edition	Version 1		
Dataset language	English		
Metadata standard			
Name	ISO 19115		
Edition	2016		
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/21a71d83-2986-42c0-8eb4- 8794c7cd1998		
Purpose	Native Forestry Regulation in State Forests		
Status	Completed		
Spatial representation			
Туре	vector		
Geometric Object Type	curve		
Spatial reference system			
Code identifying the spatial reference system	4283		
Equivalent scale	1:None		
Topic category			

Keyword set	
keyword value	Threatened Ecological Community
	Endangered Ecological Community
	Vegetation
	State Forest
	McKies Stringybark Blackbutt Open Forest
	EEC
	TEC
	Environment Protection Authority
	EPA
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	151.24685
East bounding longitude	151.2702
North bounding latitude	-29.92441
South bounding latitude	-29.90851
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	2016-10-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Irregular
Contact info	
Contact position	Data Broker
Organisation name	Environment Protection Authority (EPA)
Responsible party role	pointOfContact

Lineage	Linework has been deriv collected at a 50cm reso 2009-2015. Interpretatio species dominance, unde Lines have been interpre- has been supported by f observation data held by photo patterns, predictive topographic data derived	ed from manual interpretation of stereoscopic 3D ADS-40 imagery olution. Date of photography varies across eastern NSW between n has collected a range of floristic attributes including canopy erstorey attributes and assessment of landscape characteristics. eted using a viewing scale between 1:2000- 1: 5000. Interpretation ield traverse (except bogs and saltmarsh), and existing field based o OEH. Final linework was assembled using combinations of aerial re TEC models, systematic plot data and where relevant fine scale d from 1 metre resolution digital elevation model.	
Limitations on public access			
Scope	dataset		
DQ Conceptual Consistency			
Explanation	Explanation Standard API mapping pathways have been established for mappers to apply consistent interpretation of vegetation features including, size criteria and polygon attribution.		
DQ Topological Consistency			
Explanation Not assessed			
DQ Absolute External Positional Accuracy			
Explanation	Positional accuracy for operational maps has been measured using independent assessment of interpreted lines as a mean of 8.5 metres. Other influence on positional accuracy include the accuracy of field based GPS records currently tested at a mean of 9.2 metres. Some error with interpreted line from 2D to 3D environment can result in a positional shift of up to 10 metres.		
DQ Non Quai	DQ Non Quantitative Attribute Correctness		
Explanatior	Explanation Attribution is consistent		
Responsible party			
Contact position		Data Broker	
Organisatio	on name	Environment Protection Authority (EPA)	
Responsible party role		pointOfContact	
Metadata point of contact			
Contact po	sition	Data Broker	
Organisation name		Environment Protection Authority (EPA)	
Responsible party role		pointOfContact	
Metadata date		2024-02-26T13:01:12.582529	
Metadata language			