Title	Draft Vegetation map data, Putty Valley, 2008. VIS_ID 4174
Alternative title(s)	PuttyValley2008_E_4174
Abstract	Vegetation mapping of the Putty Valley. For more information see: DECC (2008) The Native Vegetation of the Putty Valley. Department of Environment and Climate Change NSW, Hurstville. This report describes and maps the native vegetation communities of the Putty Valley, situated on the northern border of the Hawkesbury-Nepean Catchment. It aims to provide the technical information and supporting mapping resources to assist the Hawkesbury-Nepean Catchment Management Authority (HNCMA) to meet biodiversity targets under the Catchment Action Plan. In particular the results of this mapping project will assist both HNCMA and DECC in guiding recovery planning efforts under the NSW Threatened Species Priorities Action Statement for a number of endangered ecological communities and species. The provision of detailed vegetation mapping data in the Putty Valley area contributes to the establishment of a consistent catchment wide vegetation. It is the first time the native vegetation of the study area has been surveyed and described in detail. Classification and mapping work completed for this project extends the extensive survey and mapping efforts DECC has undertaken in the surrounding reserve system. Together with other work, these data will form the basis for a consistent catchment wide vegetation map and resource. The Putty Valley study area comprises almost 40 000 hectares of private, State Forest and crown land tenures. This study has undertaken detailed survey involving over 50 systematic field sites and detailed mapping and traverse using 1:25 000 scale aerial photography. Field survey recorded over 500 native species, of which one, Rutidosis heterogama, is listed under the NSW Threatened Species Act, 1995. Analysis of data identified 20 native vegetation communities in the study area. Three endangered ecological communities listed under the NSW Threatened Species Act, 1995 were also identified. Each are associated with the alluvial valleys of the study area and include River-flat eucalypt forest, Swamp Sclerophyll Forest and Freshwater Wetlands on coastal floodplains of the NSW North Coast, Sydney Basin Forest and South East Corner Bioregions. VIS_ID 4174

Resource locator

Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: DQS - Draft Vegetation map data, Putty Valley, 2008. VIS_ID 4174 Function: download
Draft Vegetation map data, Putty Valley, 2008. VIS_ID 4174	Name: Draft Vegetation map data, Putty Valley, 2008. VIS_ID 4174 Protocol: WWW:DOWNLOAD-1.0-http--download Description: Download Zip Package Function: download

Unique resource identifier

Code	4a19c00f-1a27-493b-83ac-10ff69a8b587

Presentation form	Map digital
Edition	1
Dataset language	English

Metadata standard

Name	ISO 19115

Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/4a19c00f-1a27-493b-83ac-10ff69a8b587
Purpose	To map native vegetation in the Putty Valley.
Status	Completed
Spatial representation	
Type	vector
Spatial reference system	
Code identifying the spatial reference system	4283
Equivalent scale	1:None
Additional information source	DECC (2008) The Native Vegetation of the Putty Valley. Department of Environment and Climate Change NSW, Hurstville.
Topic category	

Keyword set

keyword value	Vegetation
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16

Geographic location

West bounding longitude	150.59983
East bounding longitude	150.90176
North bounding latitude	-33.060948
South bounding latitude	-32.70224

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	2008-01-01
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

Georectified stereo pairs of digital aerial photography were generated for use in digital three dimension stereo-viewing software. The interpreter used on-screen digitising techniques available within the software package to delineate vegetation patterns. Hand drawn polygons were drawn to mark homogenous landscape and vegetation features. Each polygon was then attributed. Two stages were undertaken as part of the data analysis. Firstly, all species abundance raw data from sites available from the study area was analysed using the PATN program (Belbin 1994). The Bray-Curtis coefficient was generated to identify dissimilarity between survey sites. An association matrix displaying dissimilarity scores between all pairs of sites was produced. An unweighted pair group arithmetic averaging (UPGMA) clustering strategy was applied to the matrix to derive a hierarchical classification. The default beta value of -0.1 was used on all analyses.

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	data.broker@environment.nsw.gov.au
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew
Responsible party role	pointOfContact

Metadata point of contact

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

Metadata date

2024-08-28T02:03:30.949399

Metadata language