Title	Port Macquarie Hastings LGA Vegetation and EEC Maps 2014 VIS IDs 4205 and 4206
Alternative title(s)	PortMacquarieLGA_2014_E_4205; PortMacquarieLGA_EEC_2014_E_4206

Abstract

Port Macquarie Hastings Shire Council Vegetation Mapping undertaken by Biolink Ecological Consultants from Nov 2012 to March 2013. The Port Macquarie Hastings Local Government Area encompasses an area of approximately 368,610ha between Taree and Kempsey on the mid-north coast of NSW.

Field survey commenced in May 2010 and was completed in November 2012, the latter period also allowing for ground-truthing and further refinement of mapped communities. Collectively, a total of 457 field sites were sampled, comprising 219 sites conforming to requirements of Modules 1 & 2 of the NVTS and 238 Rapid Assessment sites; converted data from a further 138 field sites associated with earlier studies was also utilized. A total of 611 plant species from 131 Families were recorded from the field sites.

The mapping project captured approximately 115,922ha of vegetation in 12,967 discrete polygons. Vegetation mapping was undertaken in two stages and involved polygon capture down to a minimum patch size of 0.25ha (0.1ha for littoral rainforest) using task-specific software and a combination of satellite, aerial and digital imagery. Excluding National Park and State Forest estate approximately 115,922ha of remnant vegetation was captured for purposes of the mapping project. Once captured, polygons were internally partitioned by hand. Field survey involved a combination of formal 0.04ha floristic plots sampled in accord with Modules 1 and 2 of the NSW Government's Native Vegetation Type Standard. Less detailed but similarly quantitative "rapid" assessments were also undertaken in other areas, supported by foot-, vehicle- and air-based traverses for ground truthing purposes. Available data from other studies was also employed to assist the mapping process.

The vegetation dataset also includes field attribute classifications for the PMHC Koala Habitat Management Plan.

Data were reviewed by Darkheart Eco-Consultancy in 2014. These data supersede VIS_ID 3925.

Two updated datasets:

PortMacquarieLGA_2014_E_4205: vegetation communities

PortMacquarieLGA_EEC_2014_E_4206: EEC data

VIS_ID 4205

VIS_ID 4206

Resource locator

Show on SEED Web Map	Name: Show on SEED Web Map Protocol: WWW:DOWNLOAD-1.0-http--download Description: Display dataset on SEED's map Function: download
Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: DQS for Port Macquarie LGA Vegetation map data Function: download
Download Package	Name: Download Package Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data and Documents

	Function: download
WMS	Name: WMS Protocol: WWW:DOWNLOAD-1.0-http--download Description: Web Map Service Function: download
REST Service	Name: REST Service Protocol: WWW:DOWNLOAD-1.0-http--download Description: ESRI REST Services directory Function: download

Unique resource identifier

Code	8a9fcc75-5f50-4ef1-ae28-6923353b9d44

Presentation form	Map digital
Edition	Not known
Dataset language	English

Metadata standard

Name	ISO 19115
Edition	2016

Dataset URI	https://datasets.seed.nsw.gov.au/dataset/8a9fcc75-5f50-4ef1-ae28-6923353b9d44
Purpose	To map the distribution, extent and structure of vegetation within the LGA to provide baseline natural resource data on areas of native vegetation, that will assist future planning and management decisions.
Status	Completed

Spatial representation

Type	vector
Geometric Object Type	curve
Geometric Object Count	1

Spatial reference system

Code identifying the spatial reference system	4283

Equivalent scale	1:None

Additional information source	Phillips, S., Chang, M., and Kordas, G. (2013). Vegetation of the Port Macquarie Hastings Local Government Area Version 1.08. Report to Port Macquarie Hastings Council. Biolink Ecological Consultants, Uki. NSW. These data replace PortMacquarieLGA_2013_E_3925.
Topic category	

Keyword set

keyword value	VEGETATION BOUNDARIES-Biophysical FLORA-Native ECOLOGY-Landscape
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16

Geographic location

West bounding longitude	152.520886
East bounding longitude	153.070202
North bounding latitude	-31.528261
South bounding latitude	-31.053922
NSW Place Name	Port Macquarie

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	2010-05-01
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

Field survey

Selection of potential field sites was initially driven by the preliminary classification process. Initially, series of potential field sites were located in spatially independent replicates of polygons arising from the preliminary classification process, with additional sites generated as required so as to (i) better understand and quantify the extent of variance around key structural, Vegetation of Port Macquarie Hastings LGA 14 growth form and floristics, and (ii) initiate further data collection and polygon partitioning as variation within each category became more apparent. Field sites were sampled using the Native Vegetation Type Standard (NVTS) Version 0.8

(Sivertsen, 2009). Vegetation plots generally comprised a 20m x 20m (0.04ha) quadrat or similar structurally and floristically uniform area equivalent within which the species composition of the tallest, mid- and lowest strata were recorded along with data required to accord with

Modules 1 (Minimum Requirements) and 2 (Floristics) of the NVTS. Other field sites were the subject of a rapid assessment process which involved point-based sampling of growth form, height and species abundance for each stratum, but most commonly the tallest and midstratum.

For these sites numerical data was gathered by way of identifying the closest standing live stem from each sampled strata over a maximum distance of 10m along cardinal and intermediate compass points from the central sampling point, or in the absence of a direct intersection, the closest live stem to the 10m point. This process was used to assist imagery interpretation, to gather additional empirical data for ordination purposes (see below) and for

sampling habitat associated with species of interest (e.g. threatened plants). Vehicle and footbased traverses were also used to classify small patches and clarify vegetation community boundaries.

Polygon Mapping

For the majority of the study area polygon captures down to a minimum patch size of approximately 0.25ha (0.1ha for Littoral Rainforest) was undertaken using 2009 digital imagery and the software application R2V (Abel Software Corp.) prior to being internally partitioned by eye on a tile by tile (25km2) basis. During this latter process polygons were tentatively assigned to one of the following preliminary classifications:

(i) Rainforests

(ii) Eucalypt Woodlands and Forests

(iii) Heathlands

(iv) Freshwater Wetlands

(v) Mangroves/Saltmarshes, and

(vi) Other/Unknown.

Data reviewed by Darkheart Eco-Consultancy in 2014.

Limitations on public access

Scope	dataset
DQ Completeness Commission	
Effective date	1901-01-01
DQ Completeness Omission	
Effective date	1901-01-01
DQ Conceptual Consistency	
Effective date	1901-01-01
DQ Topological Consistency	
Effective date	1901-01-01
DQ Absolute External Positional Accuracy	
Effective date	1901-01-01
DQ Non Quantitative Attribute Correctness	
Effective date	1901-01-01

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

2024-02-26T13:41:12.948990

Metadata language