

Abstract

This dataset comprises of native vegetation communities within the boundaries of native vegetation extant in the Lake Macquarie City Council (LMCC) Local Government Area (LGA). These communities were originally mapped by Stephen Bell and Collin Driscoll using the methodology outlined in Bell, S.A.J. & Driscoll, C. (2016) and are as amended by LMCC by bi-annual review.

The methodology is a composite of field survey (rapid data points) and vegetation mapping from various reports. Additional edits have been made by LMCC where attribution and/or lineage has found to be in error, or more intensive field site survey has been undertaken. Native vegetation extant is derived from the LMCC Native Vegetation and Corridor mapping (updated using 2022 nearmap imagery).

The internal Map Unit (MU) delineation accuracy varies according to the source data at each point. The intention is to improve accuracy over time. The accuracy of the vegetation extant is <10m. All data requires careful interpretation with consideration of the accuracy field at any location. Full floristic plot survey and multivariate analysis has not been undertaken for many of the map units, hence their position in the classification hierarchy requires further confirmation. This dataset should not be used as a substitute for full site-specific floristic survey using standard techniques (quadrats & transects etc) and should be used in conjunction with the supporting reports.

The vegetation community classification system used is LHCCREMS (NPWS) 2000, with subgroups and additional communities where no equivalent exists to form LMCC Map Units (MU). Equivalent NSW State Government Plant Community Types (PCTs) were assigned to LMCC vegetation community map units by S. Bell with varying degrees of confidence:

- High matches are generally those where sufficient similarities are evident;
- Medium, where some uncertainties are present; and
- Low where there is considerable doubt over the match, but due to the absence of better matches these have been selected.
- “No clear match” is for map units that occur in a very small area of the City and given they are local variations cannot be assigned to broader based PCT classification.

Nationally listed Threatened Endangered Ecological Communities (TECs) are indicative only, and require onsite investigation. For Nationally listed species composition, condition, connectivity and patch size need to be verified in accordance with the relevant conservation advice. TECs are based in the first instance on the LMCC Map Unit. Where the LMCC Map Unit has not been assigned to a TEC but the equivalent eastern NSW PCT lists an associated Threatened Ecological Community, the TEC is listed in this dataset with the suffix “(possible, from PCT)”.

Version 2 changes: In 2023 amendments were made to the mapping, with the updated version titled “Lake Macquarie LGA Vegetation Community Map 2022 – Version 2”. These amendments include:

- Inclusion of data fields relating to the eastern NSW PCTs, including E. NSW PCT ID, E. NSW PCT Name and Confidence in the E. NSW PCT assigned to each LMCC map unit.
- Incorporation of Saltmarsh and Mangrove polygons identified by NSW Department of Primary Industries (NSW DPI) as part of their estuary habitat mapping in 2022.
- Field checking and adjustment of some vegetation communities in the vicinity of South Creek, Eleebana, in response to a request by Lake Macquarie Landcare.

For more information including conversion tables between LMCC map units and Plant Communities and supporting reports see:

<https://www.lakemac.com.au/Development/Planning-controls/Local-Planning-Controls/Development-Guidelines> or contact Lake Macquarie Council council@lakemac.nsw.gov.au

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

[Show on SEED Web Map](#)

Name: Show on SEED Web Map

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

Description:

Display dataset on SEED map viewer

Function: download

[Data Quality Statement](#)

Name: Data Quality Statement

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

Description:

Data quality statement for Lake Macquarie LGA Vegetation Community Map 2022 VIS_ID 5117

Function: download

[Data download for LakeMacquarieVeg2022_VIS5117 - superseded](#)

Name: Data download for LakeMacquarieVeg2022_VIS5117 - superseded

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

Description:

Contains shapefile and layer file for symbology

Function: download

[Data download for LakeMacquarieVeg2022_VIS5117 - Version 2](#)

Name: Data download for LakeMacquarieVeg2022_VIS5117 - Version 2

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

Description:

Contains shapefile and layer file for symbology

Function: download

[ArcGIS REST Service](#)

Name: ArcGIS REST Service

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

Description:

An ArcGIS Server web service represents a GIS resource such as a map, locator, or image that is located on an ArcGIS Server site and is made available to client applications. Depending on the layers enabled, this web service allows a user to query its features and/or visualise the dataset. This service is aimed at advanced geographical information users, and will require access to geographical information system (GIS) software such as ArcGIS/ArcMap.

Function: download

Unique resource identifier

Code

1229da4c-3500-4f36-bae1-b6ab9f15ef13

Presentation form

Map digital

Edition

2

Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/1229da4c-3500-4f36-bae1-b6ab9f15ef13
Purpose	Vegetation mapping to provide native vegetation community information to support biodiversity conservation, planning decisions and research.
Status	On going
Spatial representation	
Type	vector
Spatial reference system	
Code identifying the spatial reference system	4283
Equivalent scale	1:None
Topic category	

Keyword set	
keyword value	FLORA-Native VEGETATION VEGETATION-Floristic
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	151.33
East bounding longitude	151.73
North bounding latitude	-33.2
South bounding latitude	-32.87
NSW Place Name	Lake Macquarie LGA
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	2016-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Biannually
Contact info	
Contact position	Data Broker
Organisation name	Lake Macquarie City Council
Telephone number	02 4921 0333
Email address	council@lakemac.nsw.gov.au
Responsible party role	pointOfContact
Lineage	These communities were originally mapped by Stephen Bell and Collin Driscoll using the methodology outlined in Bell, S.A.J. & Driscoll, C. (2016) and are as amended by LMCC by bi-annual review. Please see description and/or report for more information.

Limitations on public access

Responsible party

Contact position	Data Broker
Organisation name	Lake Macquarie City Council
Telephone number	02 4921 0333
Email address	council@lakemac.nsw.gov.au
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Metadata date	2024-03-24T20:55:31.989679
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Metadata language	
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