

Title	Fauna Corridors for North East NSW
Alternative title(s)	Upper North East and Lower North East Fauna Corridors
Abstract	<p>Layer of regional and subregional linking corridors for fauna of the Upper North East (UNE) and Lower North East (LNE) NSW RFA regions. A new GIS program, NPWS CORRIDORS, was used to derive potential landscape linkages (habitat corridors) based on the predicted distributions of priority fauna species assemblages (see metadata for fauna key habitats). These ESRI grid outputs were refined, under a series of decision rules, to derive final corridor ESRI shapefile polygons. The final corridors map layer is a regional representation displaying the most likely occurrence of linking corridors for fauna consolidated at the regional scale. The mapping and derivation has been based on state-of-the-art data and GIS tools combined with qualitative interpretation based on ecological principles and expertise. As of April 2001, the mapping has not been formally field tested and the methods have not been peer-reviewed outside several conference and workshop presentations, all well received. A journal paper and project report are in preparation.</p>
Resource locator	
NENSW_KeyHabitats_ClimateChangeCorridors.zip	<p>Name: NENSW_KeyHabitats_ClimateChangeCorridors.zip</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>File for download</p> <p>Function: download</p>
Lineage_fauna_coridors_NE.pdf	<p>Name: Lineage_fauna_coridors_NE.pdf</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Download lineage information.</p> <p>Function: download</p>
PDF Data Quality Statement - Fauna Corridors for North East NSW	<p>Name: PDF Data Quality Statement - Fauna Corridors for North East NSW</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>The Data Quality Statement is for users to understand how a particular dataset could be used and whether it can be compared with other, similar datasets. It provides a description of the characteristics of the data to help the user decide whether the data will be fit for their specific purpose (ICT Strategy, NSW Government accessed 23rd May 2016)</p> <p>Function: download</p>
Unique resource identifier	
Code	c37e39ce-826c-4da5-9127-7f29723ce597
Presentation form	Map digital
Edition	Not known
	English

Dataset language	
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/c37e39ce-826c-4da5-9127-7f29723ce597
Purpose	Mapping of fauna corridors in upper/lower north east of NSW.
Status	Under development
Spatial representation	
Type	vector
Geometric Object Type	curve
Spatial reference system	
Code identifying the spatial reference system	4283
Spatial resolution	0 m
Topic category	

Keyword set	
keyword value	ECOLOGY-Ecosystem ECOLOGY-Landscape FAUNA
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	150.151463
East bounding longitude	153.569311
North bounding latitude	-31.920088
South bounding latitude	-28.137878
NSW Place Name	North east 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	1999-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	As needed
Contact info	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
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Responsible party role	pointOfContact

Lineage

Lineage is attached to this information asset as a resource and can be downloaded.

Limitations on public access

Scope dataset

DQ Completeness Commission

Explanation The derived fauna key habitat grid is restricted to the extent of native forest defined by the Forest Ecosystems map layer derived for UNE and LNE RFA studies. For the purposes of this project these layers have been further restricted to delete areas mapped as forestry plantation, agricultural plantation, pasture and cropland, introduced scrub, cleared / partially cleared, camphor laurel. These were mapped categories that were not assigned a conservation target in the RFA process.

DQ Absolute External Positional Accuracy

Explanation Species assemblage distributions, key habitats and corridors have been derived from interpolated species distributions generated by modelling point locality species records (with a spatial accuracy of approximately 100m) in relation to mapped environmental layers (with a map scale of 1:100 000 to 1:250 000) (see additional metadata). The CORRIDORS analysis was undertaken at the 500m grid cell size in order to reduce computational burden. The outputs were re-sampled to 100m grid cell for display and storage. In applying and interpreting the key habitats map layer it should always be remembered that they are based on modelled data and have been developed at the regional scale, to inform regional land, water and vegetation reform programs. The mapped products represent a state-of-the-art consolidation of fauna information for UNE and LNE areas but should be interpreted in terms of a likelihood of occurrence of fauna key habitats; they are indicative representations (see mapping caveat). It should also be noted that the process of development of the key habitats layer has necessarily included qualitative judgements relating to interpretations and setting of thresholds; these have been made based on ecological expertise and explicit decision rules.

Responsible party

Contact position Data Broker

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Metadata date 2024-02-26T13:52:22.294492

Metadata language