Title	Koala Modelling Regions
Alternative title(s)	KMRs

Abstract

The Koala Habitat Suitability Models were developed across nine koala modelling regions. This was important because the environmental drivers that dictate habitat suitability vary across NSW. For example, koala's prefer different tree species on the North Coast compared to the Southern Tablelands. By developing regional KHSMs that are independent of one another, users can consistently compare habitat suitability scores at any given location within a region.

This dataset defines the region boundaries or study areas for the models. The regions were defined by an agglomerative hierarchical cluster analysis of the turnover patterns of koala food and shelter species, where aggregation units were represented by local government areas (LGAs) on the coast and tablelands, and Interim Biogeographic Regionalisation of Australia (IBRA) subregions in western NSW. The nine regions fall into two divisions and so eastern and western division values have been added to the attribute table.

Tree species patterns are likely to best capture changes in habitat choice and food selection at a regional scale, where it is expected that the key drivers of habitat suitability are much the same within a region (where food choices are similar) but may differ between regions (different food choices).

The Koala Habitat Information Base can help prioritise the establishment of new koala reserves and private land conservation agreements, ensure local actions are based on the best available information, and improve the management of threats and disease. It will be an important resource to assist government agencies, local councils and private land holders with koala conservation decisions. The Koala Habitat Information Base is not a regulatory instrument, meaning the data layers do not categorise land for regulatory purposes. It does provide the best available scientific information to support decision makers, rehabilitators, land managers and community members involved in koala conservation.

Resource locator

Data Quality Statement	Name: Data Quality Statement
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Data quality statement for Koala Modelling Regions
	Function: download
Download Package	Name: Download Package
	Protocol: WWW:DOWNLOAD-1.0-http--download
	Description:
	Data (Shapefile)
	Function: download

Unique resource identifier

Code	695d5c07-3929-454d-a06d-e9e72fcfa0d5
Presentation form	Map digital
Edition	1.1
Dataset language	English

Metadata standard

Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/695d5c07-3929-454d-a06d-e9e72fcfa0d5
Purpose	To delineate the actual boundaries for the Koala Habitat Suitability Models.
Status	Completed

Spatial representation

Type	vector
Geometric Object Type	complex
Geometric Object Count	9

Spatial reference system

Code identifying the spatial reference system	4283

Spatial resolution	10 m

Topic category

Keyword set

keyword value	FAUNA-Native
	ECOLOGY-Habitat

Originating controlled vocabulary

Title	ANZLIC Search Words
Reference date	2008-05-16

Geographic location

West bounding longitude	139.781249
East bounding longitude	154.722656
North bounding latitude	-36.329994
South bounding latitude	-27.730994
NSW Place Name	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	2019-08-31
End position	N/A

Dataset reference date

Resource maintenance

Maintenance and update frequency	Not planned

Contact info

Contact position	Data Broker
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Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew
Responsible party role	pointOfContact

Lineage

This dataset defines the region boundaries or study areas for the models. The regions were defined by an agglomerative hierarchical cluster analysis of the turnover patterns of koala food and shelter species, where aggregation units were represented by local government areas (LGAs) on the coast and tablelands, and Interim Biogeographic Regionalisation of Australia (IBRA) subregions in western NSW. The nine regions fall into two divisions and so eastern and western division values have been added to the attribute table.

v1.1: This version is now aligned (boundary lines) precisely to the 5m Native Vegetation Extent Raster v1.4 and other v1.1 updates to the KHIB layers

Limitations on public access

Responsible party

Contact position	Data Broker
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Email address	data.broker@environment.nsw.gov.au
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Responsible party role	pointOfContact

Metadata point of contact

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Responsible party role	pointOfContact

Metadata date

2024-02-26T13:31:32.187978

Metadata language