Title NSW Koala Tree Index 5m v1.1

## **Abstract**

This layer reflects the probability of finding a tree species that a koala is known to use for food or shelter.

The statewide Koala Habitat Information Base (KHIB) has been developed as part of the NSW Koala Strategy. It delivers the best available state-wide spatial data on koala habitat, likelihood, koala preferred trees and koala sightings for NSW.

It will be an important resource to assist government agencies, local councils and private land holders with koala conservation decisions.

The Koala Tree Index v1.1 is one dataset under the KHIB. Tree indices were developed for each of the nine Koala Modelling Regions and mosaiced together into a statewide raster. Boosted Regression Tree (BRT) individual tree species distribution models were developed for important food and shelter species, with each KMR possessing a characteristic set of species whose combined distributions added to create index. The choice which species to include in each region was determined by a process of expert elicitation.

The statewide product is available for download below as a zipped 5m tif image readable in any spatial software package. An ArcGIS mxd is also supplied for suggested symbology.

All Koala Habitat Information Base datasets are available for download at the links below under 'Dataset relationship'.

For further information on the data layers and their development, please see the Koala Habitat Information Base Technical Guide.

## Resource locator

Data Quality Statement Name: Data Quality Statement

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

Description:

Data quality statement for Koala Habitat Information Base: Habitat Suitability Models

v1.0

Function: download

ArcGIS REST
Services
Directory - NSW
Koala Tree
Indices v1.0

Name: ArcGIS REST Services Directory - NSW Koala Tree Indices v1.0

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

Description:

ArcGIS REST Services Directory – provides a variety of interfaces for web browsers,

GIS users and developers, to view maps.

Function: download

WMS - NSW Koala Tree Indices v1.0 Name: WMS - NSW Koala Tree Indices v1.0

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

Description:

Web Map Service (WMS) is a standard protocol for serving georeferenced map images over the internet that are generated by a map server using data from a GIS Database (NSW Government - Spatial Web Services Register June 2015). WMS allows a user to spatially visualise the dataset, but not query its features. This service is aimed at advanced geographical information users, and will require access to geographical information system (GIS) software such as QGIS and ArcGIS/ArcMap.

Function: download

Koala Tree Species Index

Name: Koala Tree Species Index

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

Description:

NSW Koala Tree Species Index 5m (.tif)

Function: download

Unique resource identifier		
Code	a4217a26-5ee3-4d3d-a4ca-dde749b1e3aa	
Presentation form	Map digital	
Edition	1.1	
Dataset language	English	
Metadata standard		
Name	ISO 19115	
Edition	2016	
Dataset URI	https://www.planningportal.nsw.gov.au/opendata/dataset/a4217a26-5ee3-4d3d-a4cadde749b1e3aa	
Purpose	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.	
Status	Completed	
Spatial representation type	grid	
Spatial reference system		
Code identifying the spatial reference system	4283	
Spatial resolution	30 m	
Topic category	environment	

Keyword set	
keyword value	ECOLOGY-Habitat
	FAUNA-Native
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
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	1979-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Unknown
Contact info	
Contact position	Data Broker
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Responsible party role	pointOfContact

## Constraint set

Use constraints

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Limitations on public access

Scope dataset

**DQ Completeness Omission** 

Effective date

2019-08-31

Explanation Complete

**DQ Conceptual Consistency** 

Effective date

2019-08-31

Explanation Consistent

**DQ Topological Consistency** 

Effective date

2019-08-31

Explanation Consistent

DQ Absolute External Positional Accuracy

Effective

date

2019-08-31

Explanation Although derived at a 30m pixel and delivered at 5m, most of the drivers behind the

model have been generated at a coarser scale.

**DQ Non Quantitative Attribute Correctness** 

Effective

date

2019-08-31

Explanation See technical guide for model validation metrics

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Metadata point of contact Contact position Data Broker NSW Department of Climate Change, Energy, the Environment and Water Organisation name Full postal address NSW Australia data.broker@environment.nsw.gov.auTelephone number 131555 data.broker@environment.nsw.gov.au Email address Web address  $\underline{https://www.nsw.gov.au/departments-and-agencies/dcceew}$ Responsible party role pointOfContactMetadata date 2024-02-26T15:25:57.839019

Metadata language