

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-a4ca-dde749b1e3aa
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
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Full postal address	NSW Australia data.broker@environment.nsw.gov.au
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	Please see the attached technical guide and technical appendix for full lineage description.

Constraint set	
Use constraints	This data is provided under a Creative Commons Attribution 4.0 licence http://creativecommons.org/licenses/by/4.0 . Attribute 'NSW Department of Climate Change, Energy, the Environment and Water' in publications using this data.
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
Responsible party	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Full postal address	NSW Australia data.broker@environment.nsw.gov.au
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
Full postal address	NSW Australia data.broker@environment.nsw.gov.au
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	2024-02-26T15:25:57.839019
---------------	----------------------------

Metadata language
