

Title	NSW Koala Tree Index 5m v1.1
Abstract	<p>This layer reflects the probability of finding a tree species that a koala is known to use for food or shelter.</p> <p>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.</p> <p>It will be an important resource to assist government agencies, local councils and private land holders with koala conservation decisions.</p> <p>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.</p> <p>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.</p> <p>All Koala Habitat Information Base datasets are available for download at the links below under 'Dataset relationship'.</p> <p>For further information on the data layers and their development, please see the <a href="#">Koala Habitat Information Base Technical Guide</a>.</p>

## Resource locator

<a href="#">Show on SEED Web Map</a>	<p>Name: Show on SEED Web Map</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Display dataset on SEED's map</p> <p>Function: download</p>
<a href="#">Data Quality Statement</a>	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for Koala Habitat Information Base: Habitat Suitability Models v1.0</p> <p>Function: download</p>
<a href="#">ArcGIS REST Services Directory - NSW Koala Tree Indices v1.0</a>	<p>Name: ArcGIS REST Services Directory - NSW Koala Tree Indices v1.0</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>ArcGIS REST Services Directory – provides a variety of interfaces for web browsers, GIS users and developers, to view maps.</p> <p>Function: download</p>
<a href="#">WMS - NSW Koala Tree Indices v1.0</a>	<p>Name: WMS - NSW Koala Tree Indices v1.0</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>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.</p> <p>Function: download</p>

[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 3580e2ad-43b1-4ba1-bcdd-3dba2f9dff54

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/3580e2ad-43b1-4ba1-bcdd-3dba2f9dff54>

**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

<b>Keyword set</b>	
keyword value	ECOLOGY-Habitat FAUNA-Native
<b>Originating controlled vocabulary</b>	
Title	ANZLIC Search Words
Reference date	2008-05-16
<b>Geographic location</b>	
West bounding longitude	140.976562
East bounding longitude	153.984375
North bounding latitude	-37.579413
South bounding latitude	-27.916767
NSW Place Name	NSW
<b>Vertical extent information</b>	
Minimum value	-100
Maximum value	2228
<b>Coordinate reference system</b>	
Authority code	urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system	5711
<b>Temporal extent</b>	
Begin position	1979-01-01
End position	N/A
<b>Dataset reference date</b>	
<b>Resource maintenance</b>	
Maintenance and update frequency	Unknown
<b>Contact info</b>	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	<a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>
Web address	<a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>
Responsible party role	pointOfContact
<b>Lineage</b>	Please see the attached technical guide and technical appendix for full lineage description.
<b>Limitations on public access</b>	

Scope	dataset
<b>DQ Completeness Omission</b>	
Effective date	2019-08-31
Explanation	Complete
<b>DQ Conceptual Consistency</b>	
Effective date	2019-08-31
Explanation	Consistent
<b>DQ Topological Consistency</b>	
Effective date	2019-08-31
Explanation	Consistent
<b>DQ Absolute External Positional Accuracy</b>	
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.
<b>DQ Non Quantitative Attribute Correctness</b>	
Effective date	2019-08-31
Explanation	See technical guide for model validation metrics
<b>Responsible party</b>	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	<a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>
Web address	<a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>
Responsible party role	pointOfContact
<b>Metadata point of contact</b>	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	<a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>
Web address	<a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>
Responsible party role	pointOfContact
<b>Metadata date</b>	2024-02-26T15:25:54.675233
<b>Metadata language</b>	