

Title	NSW Koala Sentinel monitoring program - demographic and morphometric data 2023
Abstract	<p>The Koala Sentinel Monitoring Program is a multi-year initiative designed to assess koala populations across six key locations in NSW. The program focuses on monitoring disease prevalence, genetic diversity, and ecological factors influencing koala populations. The data collected aims to identify and understand the complex interactions between environmental threats and koala population health, providing insights into long-term population trends. Since its launch, the program has completed one full monitoring cycle (Nov 2023 – Sept 2024) and is currently in its second round, which will conclude in September 2025.</p> <p>Demographic and Morphological Data</p> <p>This metadata statement describes the demographic and morphological data collected during the first annual sampling period (2023–2024), which are designed to support individual-based assessments, population comparative analysis, and ecological integration with additional spatial resources.</p>
Resource locator	<div data-bbox="145 667 280 734">Data Quality Statement</div> <div data-bbox="384 667 1457 958"> <p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for Koala Sentinel monitoring program - demographic and morphometric data 2023</p> <p>Function: download</p> </div> <div data-bbox="145 974 336 1176">Koala Sentinel monitoring program - demographic and morphometric data 2023</div> <div data-bbox="384 974 1457 1400"> <p>Name: Koala Sentinel monitoring program - demographic and morphometric data 2023</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Detailed individual-level information for koalas captured and assessed across six sentinel populations in NSW. Data for this dataset was collected during the first annual sampling period (2023–2024) and is designed to support individual-based assessments, population comparative analysis, and ecological integration with additional spatial resources. This dataset is in Excel format which includes a tab for the look up table for attribute description.</p> <p>Function: download</p> </div> <div data-bbox="145 1422 336 1624">Koala Sentinel monitoring program - demographic and morphometric data 2023</div> <div data-bbox="384 1422 1457 1825"> <p>Name: Koala Sentinel monitoring program - demographic and morphometric data 2023</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Detailed individual-level information for koalas captured and assessed across six sentinel populations in NSW. Data for this dataset was collected during the first annual sampling period (2023–2024) and is designed to support individual-based assessments, population comparative analysis, and ecological integration with additional spatial resources.</p> <p>Function: download</p> </div>
Unique resource identifier	
Code	79705ab4-279e-478a-a006-9f29533a9249
Presentation form	Table digital
Edition	1
Dataset	English

language	
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/79705ab4-279e-478a-a006-9f29533a9249
Purpose	Scientific analysis to understand koala population ecology
Status	On going
Spatial representation type	None
Spatial reference system	
Code identifying the spatial reference system	4283
Additional information source	<p>The dataset provides detailed individual-level demographic and morphometric information for koalas captured and assessed across six sentinel populations in NSW.</p> <p>Attributes</p> <p>Column name, description * Column Name - Description * ObjectID - Unique object identifier * Location of study - Name of study location (e.g., sentinel site such as Kanangra-Boyd, Narrandera) * Koala_id1 - Primary koala ID assigned in the field * koala_id2_pit_tag - PIT tag number assigned to the koala * sex - Sex of the koala (M = Male, F = Female) * EartagID - Unique numeric or alphanumeric identifier associated with the koala's eartag * capture_date - Date the koala was captured or examined in the field (format: DD/MM/YYYY) * cap_long - Longitude coordinate of the capture location (decimal degrees) * cap_lat - Latitude coordinate of the capture location (decimal degrees) * Adult or dependent joey? - Field-based classification of the koala as an independent adult or a dependent joey * Female-Repro-Status - Reproductive status of female koalas (e.g., lactating, pouch young, non-reproductive) * Ageclass - Age class based on tooth wear rankings using: ** McLean, N. (2003). Ecology and management of overabundant koala (Phascolarctos cinereus), PhD thesis. ** Martin, R.W. (1981). Age-specific fertility in three populations of the koala, Australian Wildlife Research, 8: 275-83. * Pouch appearance - Qualitative description of pouch condition, used as an indicator of reproductive state * Morphometric: Body length (mm) - Crown-to-rump length measured from the occipital crest to the base of the tail (mm) * Morphometric: Head length (mm) - Head length from caudal occipital crest to rostrum-dorsal margin of the nose (mm) * Morphometric: Ear width (mm) - Maximum width across both ears (mm) * Morphometric: Ear length (mm) - Ear length from dorsal tragus to mid margin of the pinna (mm) * Morphometric: Hand length (mm) - Right hand length from wrist base to tip of digit 4 (mm) * Morphometric: Foot length (mm) - Right foot length from heel base to tip of digit 4 (mm) * Body weight in kilograms - Total body weight measured in kilograms</p>
Topic category	

Keyword set	
keyword value	FAUNA-Native ECOLOGY
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	145.17
East bounding longitude	153.87
North bounding latitude	-35.17
South bounding latitude	-28.09
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	2023-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Annually
Contact info	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
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
Limitations on public access	

Responsible party

Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
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
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 2025-05-20T21:11:01.634614

Metadata language