Title	Forest Ecosystems, South Coast Sub-region VIS_ID 3786
Alternative title(s)	fe_coast_1750_VISmap_3786
Abstract	This is the original extant Forest Ecosystem map for the South Coast sub-region, comprising a number of different models and API data. Expert botanists developed the map within extant vegetation, by assigning API polygons to vegetation groups, determined by an ecological classification process using PATN software. The processes used were approved and signed off by a review team of expert botanists including two independents, one NPWS representative and one SFNSW representative. On cleared land, a combination of soils, GAMs modelling, and classified site data was used to assign vegetation groups to distinct topographic and soil patterns. The extant map was derived from masking the pre-1750 map to the extant vegetation. 101 distinct ecosystems have been mapped in the extant map for this sub-region.; ; VIS_ID 3786; ; ANZLIC: ANZNS0208000141 Note that this map was superseded by VIS_IDs 3858 & 3859

Resource locator

Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for Forest Ecosystems, South Coast Sub-region VIS_ID 3786 Function: download
Download Package	Name: Download Package Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data (shapefile & GDB feature class) & Documents Function: download

Unique resource identifier

Code	3765de21-7d26-4b79-881b-d38f36c456b9

Presentation form	mapDigital
Edition	unknown
Dataset language	eng

Metadata standard

Name	ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information - Metadata
Version	1.1

Dataset URI	https://datasets.seed.nsw.gov.au/dataset/3765de21-7d26-4b79-881b-d38f36c456b9
Purpose	Vegetation Mapping
Status	completed

Spatial representation

Type	vector

Spatial reference system

Authority code	GDA94 Geographic (Lat\Long)
Code identifying the spatial reference system	4283

Equivalent scale

1:None

Additional information source

Replaced by FE_CRA_Sthn_Revised05_P_3859. The updated (2005) data covers the whole of the southern CRA area.

Topic category

Keyword set

keyword value	VEGETATION
	FLORA

Originating controlled vocabulary

Title	ANZLIC Search Words
Reference date	2008-05-16

Geographic location

West bounding longitude	149.133456
East bounding longitude	150.849613
North bounding latitude	-36.382339
South bounding latitude	-34.342111

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	1990-06-01
End position	N/A

Dataset reference date

Date type	publication

Effective date	2010-07-23
Date type	revision
Effective date	2011-04-08

Resource maintenance

Maintenance and update frequency	None

Contact info

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Responsible party role	pointOfContact

Lineage

Extant vegetation was mapped for the South Coast sub-region of the Southern CRA area, using a multi-stepped approach. The pre-1750 vegetation map was compiled using the procedure described below, and then cut with a mask of extant vegetation derived from the Aerial Photograph Interpretation layer (see CRAFTI API project report, DUAP in prep) and the Eastern Bushland Database for two small sections not covered by API mapping. The coverage of existing vegetation was derived by gridding all API codes other than plantations (P and PP), excluded areas (EX), bare ground (A) and exotic forest (CV).Firstly 3740 full floristic vegetation survey sites were classified into vegetation communities using PATN software. Then Aerial Photograph Interpretation polygons were assigned to the PATN classes (note: air photos were flown between 1990 and 1997). Modelling of pre-1750 vegetation on cleared land used the following approach. Twenty Generalised Additive Models (GAMs) identified the environmental envelopes, and mapped areas with high probabilities of occurrence, for all ecosystems with ten sites or more. The soil landscape data layer (Lithology and Soils Project report, DLWC 1999) was used to identify likely pre-1750 vegetation. Expert models were used in a few instances where botanical experts were able to identify the suite of conditions associated with a particular ecosystem, but GAMs were not possible. Order of precedence for the 33 layers incorporated in the map, was based on the opinion of expert botanists and confidence in each model (those with lowest confidence were placed under those of higher confidence).

Limitations on public access

Scope	dataset

Responsible party

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Metadata point of contact

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Responsible party role	distributor

Metadata date

1999-06-01

Metadata language

eng