

Using the ALA spatial portal to map plant and animal distributions across bioregions

Suzanne Clark
Ecolinc Director



Department of Education and
Early Childhood Development



Ecolinc is a Victorian Specialist Science Centre with the following key partners:

- Department of Education and Early Childhood Development (DEECD)
- Bacchus Marsh College
- Federation University, Australia
- Moorabool Shire Council
- Department of Environment and Primary Industries
- University of Melbourne





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Major awards

- 2009 Australian Institute of Landscape Architects Award
- 2009 Savewater Award – Winner Educational Institutions
- 2007 School Design Award
- 2007 Savewater Award – Finalist Regional Business
- 2006 Master Builders Award
- 2005 Savewater Award – Winner Educational Programs
- 2005 Royal Australian Institute of Architects Awards
- 2005 RAIA Victorian Awards





LEGEND

- PLANTED GRAVEL LANDSCAPE
GRASSLAND
DEEP MARSH
MARSH

-  SHALLOW MARSH
 -  EPHEMERAL EDGE PLANTING
 -  BOARDWALK
 -  MAKE GOOD GRASS

-  EXISTING EUCALYPT
 -  EXISTING DECIDUOUS TREE
 -  EXISTING TREE
 -  PROPOSED ALLOCASIA/ARINA

-  RELOCATED REMNANT INDIGENOUS REDGUM SAPLING
 -  PROPOSED MELAEUCA COPSE TO ENTRY DRIVE
 -  PROPOSED EUCALYPT
 -  SMALL INDIGENOUS TREE



Floor Finishes Plan Scale 1:50
Finishes Presentation
19 November 2002

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Floor Plan



Ecolinc Curriculum Programs

- Ecolinc provides a comprehensive range of environmental educational programs for F-10 and VCE including Biology, Chemistry, Environmental Science and Physics.
- Ecolinc's new website maps all F-10 programs to the Australian Curriculum with extensive information on all programs.
- In addition to onsite programs, Ecolinc also offers a range of online and offsite outreach programs.
- A range of teacher professional learning is conducted each term.





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Innovative curriculum programs which focus on sustainable environmental development practices.



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[BWVP Online Outreach](#)

[Flora and Fauna Field Guide App](#)

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Welcome to Ecolinc

Welcome to Ecolinc's new website, designed to provide P-12 students, teachers and community members with an integrated overview of Ecolinc's onsite, offsite and online curriculum programs.

Ecolinc is an established Department of Education and Early Childhood Development (DEECD) Science Specialist Centre focusing on the development and delivery of innovative educational programs addressing environmental sustainability.

Quick Links

[Grasslands: Biodiversity of South-Eastern Australia](#)

Ecolinc is currently collaborating with the University of Melbourne to expand the current BWVP Flora and Fauna Field Guide app to include grasslands across south-eastern Australia.

[READ MORE...](#)

[BWVP approved sightings now exported to the ALA](#)

All approved plant and animal sightings made via the BWVP Flora and Fauna Field Guide app and website will now be exported to the Atlas of Living Australia (ALA) website.

[READ MORE...](#)

[Completed BWVP to be launched during Education Week 2014](#)

The final BWVP web based learning objects are nearing completion.

[READ MORE...](#)

[Ecolinc/ClimateWatch Online Trail](#)

Ecolinc in collaboration with ClimateWatch has produced an online field guide and trail for the Ecolinc wetland/grassland, which can be used in conjunction with the ClimateWatch app.

[READ MORE...](#)


Department of Education and Early Childhood Development

Bacchus Marsh College



Queensland
DEPARTMENT OF
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SCIENCE



Federation
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MOORABOOL
SHIRE COUNCIL



Learning Objects

This site has been developed as an online outreach curriculum program for primary and secondary students and community members focusing on the biodiversity of the Western Volcanic Plains. The site will eventually contain several online learning objects. Each learning object will focus on a specific aspect of biodiversity including plant and animal identification, grassland foodwebs, mapping of species, assessment and mapping of plant quadrats and an investigation of the ongoing threats to species by managing grassland ecosystems, consulting with experts, undertaking real and virtual grassland excursions and completing an interactive quiz. Each learning object will be accompanied by comprehensive student and teacher resources.

The key outcome of this online outreach curriculum program is for students, teachers and community members to be actively involved in an appreciation and understanding of the importance of biodiversity and grassland habitats, which may then encourage the active protection and management of biodiversity and ecosystems.

We hope that you enjoy using this site. We have also developed a Field Guide app, which can be downloaded by clicking the link below.

[Biodiversity of the Western Volcanic Plains Flora and Fauna Field Guide iPhone and iPad app](#)

[Submit a sighting](#)

Quick Links

- [EcoSeeker](#)
- [Folding Frog Card](#)
- [Flora and Fauna Field Guide App](#)

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Ecolinc Biodiversity of the Western
Volcanic Plains Teacher Professional
Learning Program

A range of teacher professional
learning programs will be developed
to accompany the Biodiversity of the
Western Volcanic Plains online
outreach...

[Field Guide](#)

[Quadrats Online](#)

[Grassland Food Webs](#)

[Managing Grasslands](#)

[Talk with the Experts](#)

[Virtual Tour](#)

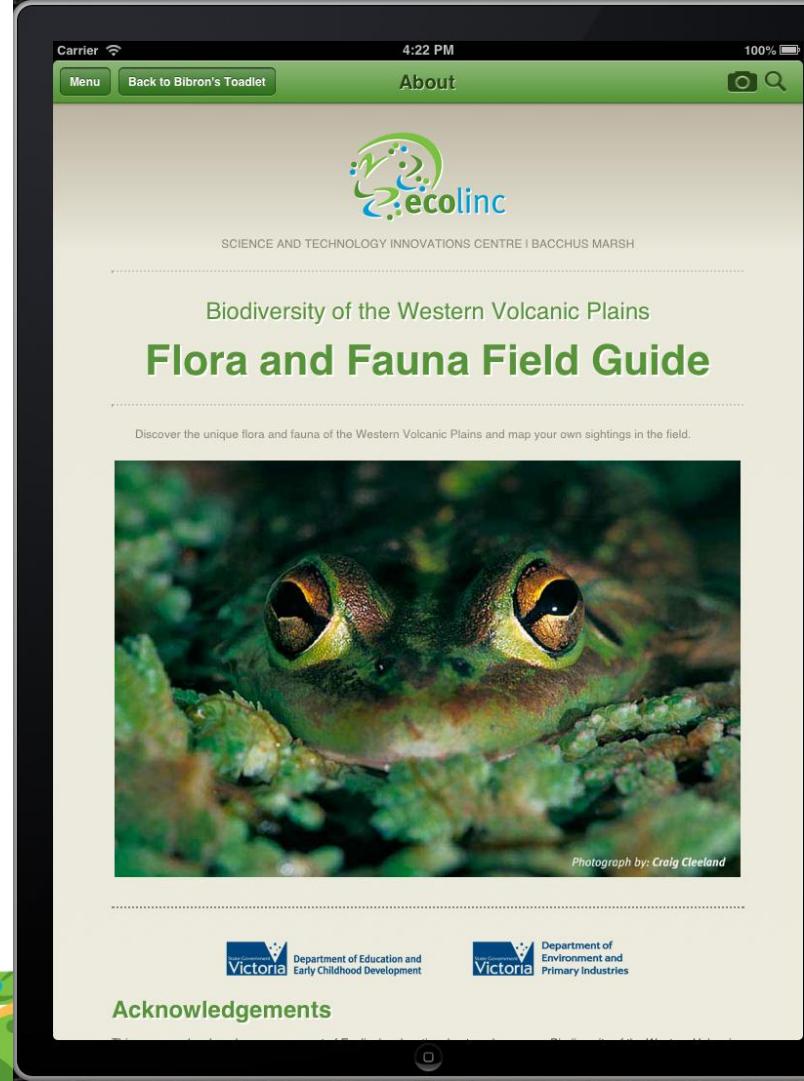
Biodiversity of the Western Volcanic Plains

- A new online outreach program focusing on the flora, fauna and management of grasslands within the Western Volcanic Plains (Southern Volcanic Plain bioregion).
- BWVP consists of seven online learning objects, with accompanying student and teacher resources available for each.
- The BWVP Flora and Fauna Field Guide app and website were launched in June 2013.
- Quadrats Online and Grassland Food Webs were launched in September/November 2013.
- Managing Grassland Ecosystems, Talk with the Experts and the Virtual Excursion to Mt Rothwell will be launched in June 2014.

BWVP Flora and Fauna Field Guide App

- The BWVP Flora and Fauna Field Guide app enables students and community members to identify and map sightings of over 160 animals and over 250 plant species within ten ecological vegetation communities (EVCs).
- Sightings may be made using Apple mobile devices or the Ecolinc BWVP website.
- Approved sightings may be viewed on the BWVP website and are also available via the Atlas of Living Australia (ALA) website.
- The Ecolinc BWVP website provides teaching resources and learning objects relevant to the biodiversity of grassland ecosystems.







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Flora and Fauna Field Guide App

Program Search

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Biodiversity of the Western Volcanic Plains Flora and Fauna Field Guide app

Discover the unique flora and fauna of the Western Volcanic Plains and map your own sightings in the field with Ecolinc's Biodiversity of the Western Volcanic Plains Flora and Fauna Field Guide app.



Transcript

The flora and fauna of the Western Volcanic Plains, Victoria, Australia is unique with many species endemic to ecosystems within this bioregion. Over 160 animals and over 250 plant species are comprehensively described, most with multiple images taken within the natural habitat of the species. Identifying animal calls are provided with distribution maps including both past and current sightings recorded by the Atlas of Living Australia.

Available on the
App Store

iPhone Screenshots





Field Guide



Biodiversity of the Western Volcanic Plains Flora and Fauna Field Guide

Ecolinc Science and Technology Innovations Centre >

Details

Ratings and Reviews

Related

Screenshots

iPhone

iPad



Sunshine Diuris

Diuris fragrans

A decumbent terrestrial orchid with 2-3 thin, upright green grass-like leaves to 15 cm tall. The flower spike develops from the centre of the leaf clump bearing up to six large, upright mauve or white flowers with erect petals and long lateral sepals.



Details

Type

Grassland

Group

Orchid

Identifying Characteristics

Flower stem to 20 cm tall. May have six white or pale mauve flowers, some with purple streaks. Donut septal to 17 mm and lateral sepals to 60 mm. Flowers October-November.

Distinctive Features

Colour and length of lateral sepals.

Native Status

Native to Australia

EVC Types

EVC 132, R1: Heavier soils Plain Grassland

Interesting Fact

One of Victoria's most endangered orchids. A program of artificial cross-pollination followed by aero-lenticel tissue raising of seedlings in laboratories has been established in an attempt to re-introduce cultivated plants into suitable habitat.



Scarlet Robin

Petroica boodang

Breeds from August-January in heathy forest. An untidy cup nest is built in the fork of a tree, tree cavity or horizontal branch up to 18 m in height.

Details	Description
Type	Bird
Group	
Other Common Names	
Identifying Characteristics	Body dark grey-black above, paler below. Red patch on each wing.
Distinctive Markings	Red patch on each wing.
Diet	Herbivore. Eats mainly grasses and herbs but sometimes leaves from trees and shrubs. Needs to drink water regularly.
Habitat	Wide range of habitats including grasslands, grassy woodlands and forests. Also pastures, parklands and golf courses.
Native Status	Native to Australia
Sounds	Loud, coughing alarm call. Clicking sounds between mother and young.



Eastern Grey Kangaroo

Macropus giganteus

Active mostly from dusk to dawn, in small or large groups (mob). Shelters under trees or shrubs. Can breed at any time of the year but mostly in summer. Gestation takes about 36 days. The joey leaves the pouch at about 11 months of age but suckles from the mother until about 18 months old, and by then another young may be in the pouch. Kangaroos can co-exist with sheep and cattle (except for times of drought or overstocking), as they prefer different plant foods.

Details	Description
Type	Mammal
Group	Marsupial
Other Common Names	Great Grey Kangaroo
Identifying Characteristics	Body dark grey-brown with pale grey underneath. Tail often black at the tip. Body up to 1.3 m, tail up to 1.1 m.
Distinctive Markings	Grey-brown fur, pale grey underneath.
Diet	Herbivore. Eats mainly grasses and herbs but sometimes leaves from trees and shrubs. Needs to drink water regularly.
Habitat	Wide range of habitats including grasslands, grassy woodlands and forests. Also pastures, parklands and golf courses.
Native Status	Native to Australia
Sounds	Loud, coughing alarm call. Clicking sounds between mother and young.
Taxonomy	
Phylum	Chordata
Class	Mammalia
Order	Diprotodontia
Family	Macropodidae
Genus	Macropus
Species	Macropus giganteus

Biodiversity of the Western Volcanic Plains Flora and Fauna Field Guide

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Details Ratings and Reviews Related

Screenshots

iPhone iPad

Carrier 7:24 PM

Plants

- Epiphyte
- Fern
- Graminoid
- Herb
- Scrambler or Climber
- Shrub
- Tree

Carrier 7:33 PM

Tall Bluebell

Herb

Distribution Map

Occurs in Victoria, South Australia, New South Wales, Tasmania, Queensland and Western Australia.

Distribution maps indicate current and historic locations where species have been sighted.

Source: [Atlas of Living Australia](#)

Carrier 7:32 PM

Tall Bluebell

Herb

© Russell Best via NatureShare

Carrier 7:31 PM

Plants

Bladderwort

Fairies' Apron
Utricularia dichotoma

Bluebell

Branching Bluebell
Wahlenbergia marginata

Poison Lobelia

Tall Bluebell
Wahlenbergia stricta

Tufted Bluebell

Yellowish Bellflower
Wahlenbergia luteola

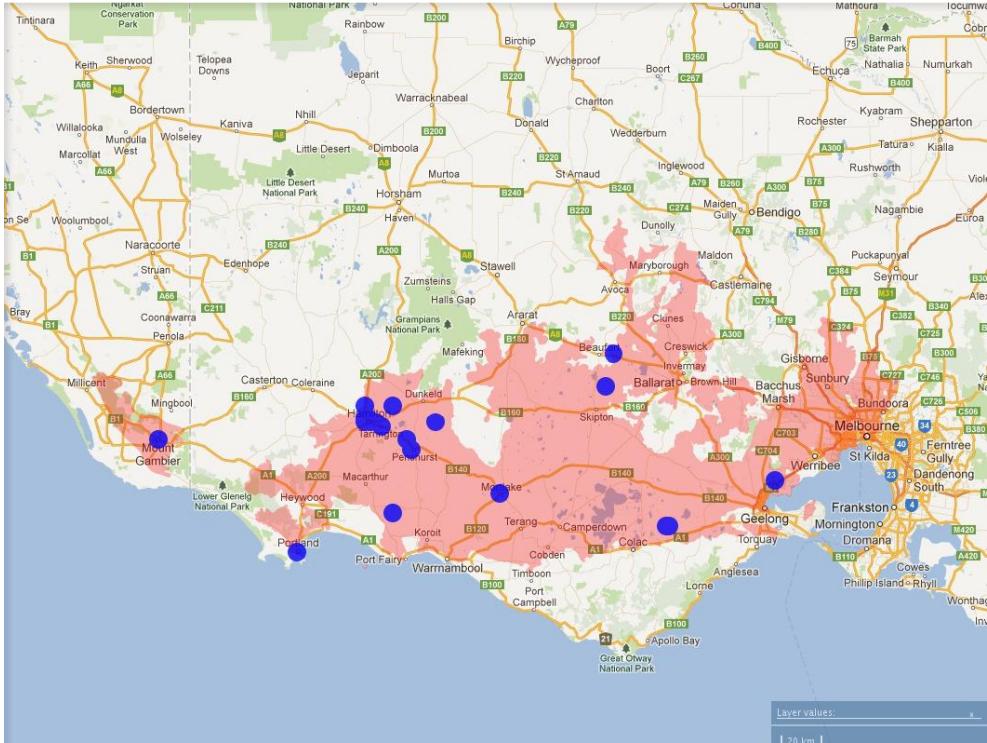
Borage

About Animals Plants Search Submit

Images Details Distribution Status Audio

Biodiversity of the Western Volcanic Plains

Perameles gunnii 16/08/2012



Distribution maps were constructed using the ALA spatial portal. Both historic and recent sightings are indicated, based on museum and herbaria records.



Categories	
Animals	
Amphibian	
Bird	
Invertebrate	
Mammal	
Reptile	
Plants	
Epiphyte	
Fern	
Graminoid	
Herb	
Scrambler or Climber	
Shrub	
Tree	

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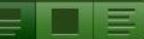
Biodiversity of the Western Volcanic Plains Flora and Fauna Field Guide

Discover the unique flora and fauna of the Western Volcanic Plains and map your own sightings in the field.



Categories

Species



Kangaroo Grass



Grass

Common Tussock Grass

Poa labillardierei

Common Wallaby-grass

Rytidosperma caespitosum

Common Wheat Grass

Elymus scaber var. *scaber*

False Hair-grass

Pentameris airoides ssp. *airoides*

Fine-head Spear-grass

Austrostipa oligostachya

Five-awned Spear-grass

Pentapogon quadrifidus

Great Brome

Bromus diandrus

Grey Tussock Grass

Poa sieberiana

Kangaroo Grass

Themeda triandra

Kneed Spear-grass

Austrostipa bigeniculata

Knotty Spear-grass

Austrostipa nodosa

Large Quaking-grass

Briza maxima

Lesser Quaking-grass

Briza minor

© Reto Zollinger



Kangaroo Grass

Themeda triandra

Perennial. Growth tends to be most vigorous in summer. This grass can become very dense (high biomass) and growth can block out other grasses and forbs. This grass is most healthy when it is occasionally reduced by burning, grazing or mowing, but it declines if overgrazed. Preferentially eaten by sheep. Seeds are eaten by birds and leaves are used as nesting material.

Distribution Map



Categories

Species



2:50 PM

Kangaroo Grass



Grass



Five-awned Spear-grass

Pentapogon quadrifidus

Great Brome

Bromus diandrus

Grey Tussock Grass

Poa sieberiana

Kangaroo Grass

Themeda triandra

Kneed Spear-grass

Austrostipa bigeniculata

Knotty Spear-grass

Austrostipa nodosa

Large Quaking-grass

Briza maxima

Lesser Quaking-grass

Briza minor

Long-hair Plume Grass

Dichelachne crinita

Panic Veldt-grass

Ehrharta erecta var. erecta

Paspalum

Paspalum dilatatum

Perennial Rye-grass

Lolium perenne

Prairie Grass

Bromus catharticus

Kangaroo Grass

Themeda triandra

Perennial. Growth tends to be most vigorous in summer. This grass can become very dense (high biomass) and growth can block out other grasses and forbs. This grass is most healthy when it is occasionally reduced by burning, grazing or mowing, but it declines if overgrazed. Preferentially eaten by sheep. Seeds are eaten by birds and leaves are used as nesting material.

Details	Description
Type	Graminoid
Group	Grass
Identifying Characteristics	Grows as a tussock to 1.5 m tall and up to 1 m wide. Leaves are green to grey, 10-50 cm long and 2-5 mm wide. Dries to an orange-brown colour in summer. Flowers October-March.
Distinctive Features	Large orange to red-brown flower and seed heads (spikelets). Orange-brown leaves in summer.
Native Status	Native to Australia
EVC Types	EVC 55_61: Plains Grassy Woodland, EVC 55_63: Higher Rainfall Plains Grassy Woodland, EVC 132_61: Heavier-soils Plains Grassland, EVC 132_62: Lighter-soils Plains Grassland, EVC 649: Stony Knoll Shrubland
Life Form Group	Graminoid
Life Form Code	Medium to Small Tufted Graminoid (MTG)

Distribution Map



Interesting Fact

A favoured food plant for caterpillars of the Common Brown butterfly *Heteronympha merope*.

Conservation Status

DEPI Advisory List	Not listed
FFG Act	Not listed
EPBC Act	Not listed

Frog - Southern Frog



Bibron's Toadlet

Pseudophryne bibronii



Common Eastern Froglet

Crinia signifera



Eastern Banjo Frog

Limnodynastes dumerillii



Eastern Sign-bearing Froglet

Crinia parinsignifera



Eastern Smooth Frog

Geocrinia victoriana



Smooth Frog

Geocrinia laevis



Southern Toadlet

Pseudophryne semimarmorata



Spotted Marsh Frog

Limnodynastes tasmaniensis (souther...



Striped Marsh Frog

Limnodynastes peronii



Sudell's Frog

Neobatrachus sudellae

Frog - Tree Frog



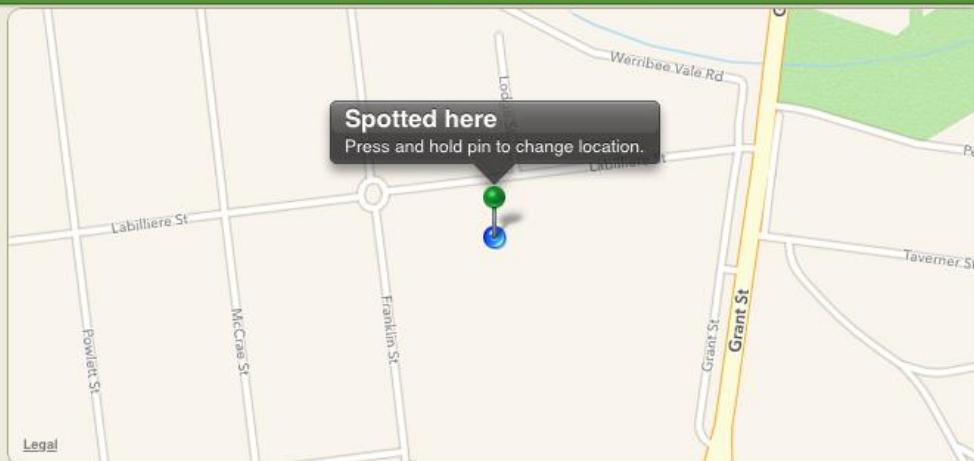
Growling Grass Frog

Litoria raniformis



Lesueur's Frog

Litoria lesueuri



Location Notes

-37.68420016, 144.43134987

Amphibian

Common Eastern Froglet

Suzanne Clark

Teacher

Ecolinc

clark.suzanne.m@edumail.vic.gov.au

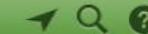


Categories

Species



Submit a sighting



Frog - Southern Frog

**Bibron's Toadlet***Pseudophryne bibronii***Common Eastern Froglet***Crinia signifera***Eastern Banjo Frog***Limnodynastes dumerilii***Eastern Sign-bearing Froglet***Crinia parinsignifera***Eastern Smooth Frog***Geocrinia victoriana***Smooth Frog***Geocrinia laevis***Southern Toadlet***Pseudophryne semimarmorata***Spotted Marsh Frog***Limnodynastes tasmaniensis (souther...***Striped Marsh Frog***Limnodynastes peronii***Sudell's Frog***Neobatrachus sudellae*

Frog - Tree Frog

**Growling Grass Frog***Litoria raniformis***Lesueur's Frog***Litoria lesueuri*

Amphibian

Common Eastern Froglet

Suzanne Clark

Teacher

Ecolinc

clark.suzanne.m@edumail.vic.gov.au

May 29, 2014, 9:41 AM

Calling in the wetland.



Take a photo

Select an image

Submit

By submitting this sighting to Ecolinc, you agree that your name may be displayed with the sighting details on the Ecolinc website and also on the Atlas of Living Australia website

Save to submit later

Select a Saved Sighting



Biodiversity of the Western Volcanic Plains

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Group

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Frog - Southern Frog



Bibron's Toadlet
Pseudophryne bibronii
Frog - Southern Frog



Common Eastern Froglet
Crinia signifera
Frog - Southern Frog



Eastern Banjo Frog
Limnodynastes dumerili
Frog - Southern Frog



Eastern Sign-bearing
Froglet
Crinia parinsignifera
Frog - Southern Frog



Eastern Smooth Frog
Geocrinia victoriana
Frog - Southern Frog



Smooth Frog
Geocrinia laevis
Frog - Southern Frog



Southern Toadlet
Pseudophryne semimarmorata
Frog - Southern Frog



Spotted Marsh Frog
Limnodynastes tasmaniensis (southern race)

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Plants

[Show all plants](#)[Epiphyte](#)[Fern](#)[Graminoid](#)[Herb](#)[Scrambler or Climber](#)[Shrub](#)[Tree](#)

Group

[Show all groups](#)[Apply](#)**Fern**

Austral Bracken
Pteridium esculentum
Fern



Common Maidenhair
Adiantum aethiopicum
Fern



Necklace Fern
Asplenium flabellifolium
Fern



Pacific Azolla
Azolla filiculoides
Fern

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Submit a sighting



23 Labilliere Street, Maddingley VIC 3340, Australia



Click and drag the marker to place it on where you spotted this species or use the search bar to search for your location.

Your sighting will be shown on the user sighting map on the animal page after it has been approved by the administrator.

Type

Animals

Category

Amphibian

Species

Growling Grass Frog

Name *

Suzanne Clark

Email *

clark.suzanne.m@edumail.vic.gov.au

Date

11-06-2013

E.g., 11-06-2013

Click on the field to select a date

Additional Information

Growling Grass Frogs heard in the wetland.



Select your image

P8010001 (Small).JPG

Remove

Submit

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Ecolinc Biodiversity of the Western Volcanic Plains Teacher Professional Learning

A range of teacher professional learning programs will be developed to accompany the Biodiversity of the Western Volcanic Plains online outreach..

Home > Field Guide App > Animals > Growling Grass Frog

[View](#) [Edit](#) [Sightings for species](#) [Revisions](#) [Log](#) [Devel](#)[Details](#) [Distribution](#) [Audio](#) [Public Sightings](#) [Conservation Status](#)

Growling Grass Frog

Map data ©2013 Google Imagery ©2013 DigitalGlobe - [Terms of Use](#) [Report a map error](#)[Submit a sighting](#) >

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Interesting Fact

May be observed during the day. Will feed with their head out of the water.

Latest News

Ecolinc Biodiversity of the Western Volcanic Plains Teacher Professional Learning

A range of teacher professional learning programs will be developed to accompany the Biodiversity of the Western Volcanic Plains online outreach...

ECOLINC: BIODIVERSITY OF THE WESTERN VOLCANIC PLAINS SIGHTINGS

Acronym: Ecolinc BWVP

Description

Ecolinc is a Department of Education and Early Childhood Development (DEECD) Science Specialist Centre, specializing in the development and delivery of environmental science programs for students and teachers.

The Biodiversity of the Western Volcanic Plains (BWVP) online educational program was funded by the DEECD and the Department of Environment and Primary Industries (DEPI). It includes the BWVP Flora and Fauna Field Guide app, which was launched in June 2013. The BWVP Flora and Fauna Field Guide is also available as a web-based learning object on the Ecolinc BWVP website.

As part of the BWVP project, students and community members are encouraged to learn more about native grasslands by identifying and making sightings of plants and animals within the Victorian Volcanic Plain.

Type of content

Includes: point occurrence data, images.

Citation

Ecolinc Biodiversity of the Western Volcanic Plains online outreach program

<http://bwvp.ecolinc.vic.edu.au>

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Usage statistics

Number of occurrence records downloaded from the ECOLINC: BIODIVERSITY OF THE WESTERN VOLCANIC PLAINS SIGHTINGS through the Atlas of Living Australia.

This month	883 from 178 downloads
------------	------------------------

Last 3 months	1,894 from 400 downloads
---------------	--------------------------

Last 12 months	1,929 from 400 downloads
----------------	--------------------------



Data access

81 records

View records

Location

17-23 Labilliere Street
Bacchus Marsh
Victoria 3340
Australia

ecolinc@edumail.vic.gov.au

Web site

[Visit the data resource's website](http://bwvp.ecolinc.vic.edu.au)

Grasslands: Biodiversity of South Eastern Australia

- Expansion of the current app to include grasslands of south eastern Australia, in collaboration with the University of Melbourne.
- Mapping of bioregions and species distributions will again be completed using the ALA spatial portal.
- The new app/website will include grassland species from 20 bioregions.





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- Ben Lomond
 Tasmanian Northern Midlands
 Tasmanian South East
 Southern Volcanic Plain
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Furneaux

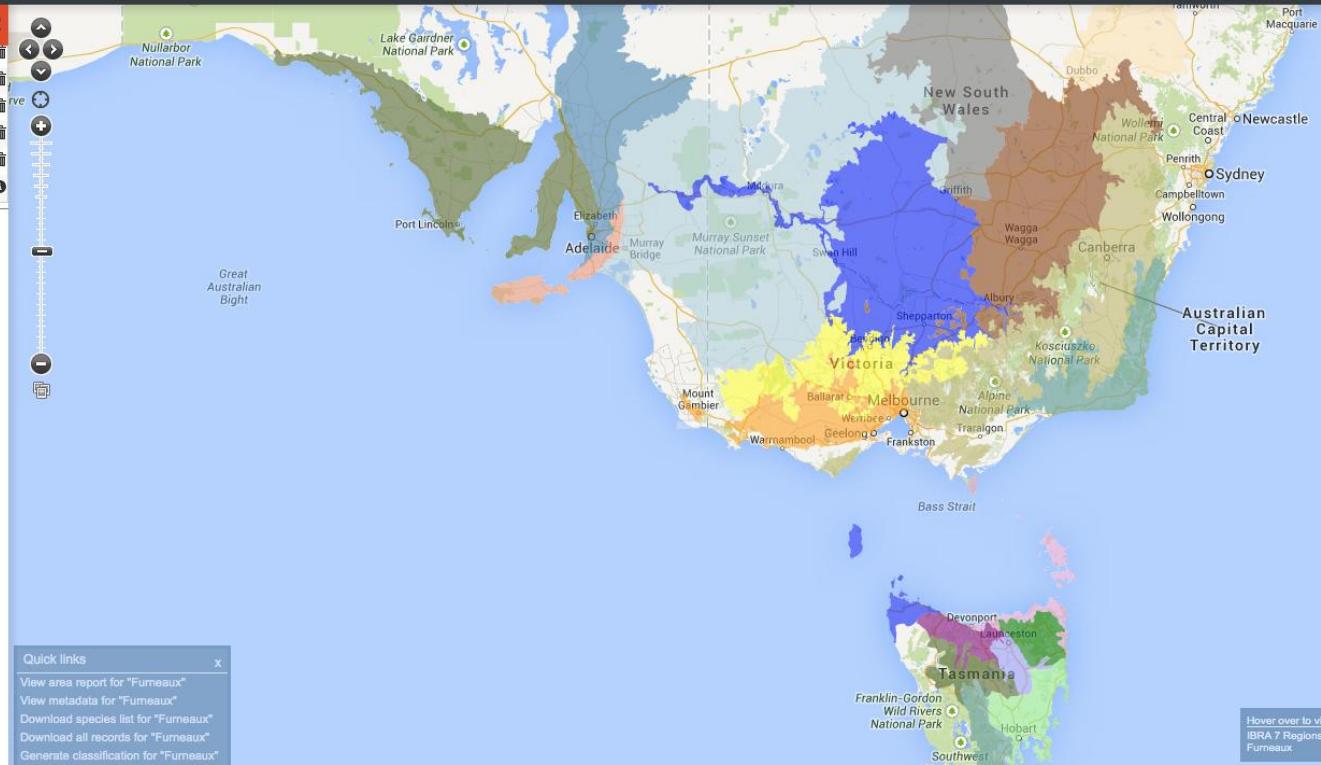
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- [Tasmanian South East](#)

FurneauxLayer name [Furneaux](#) [Rename](#)

Facet



Opacity

60%



Quick links

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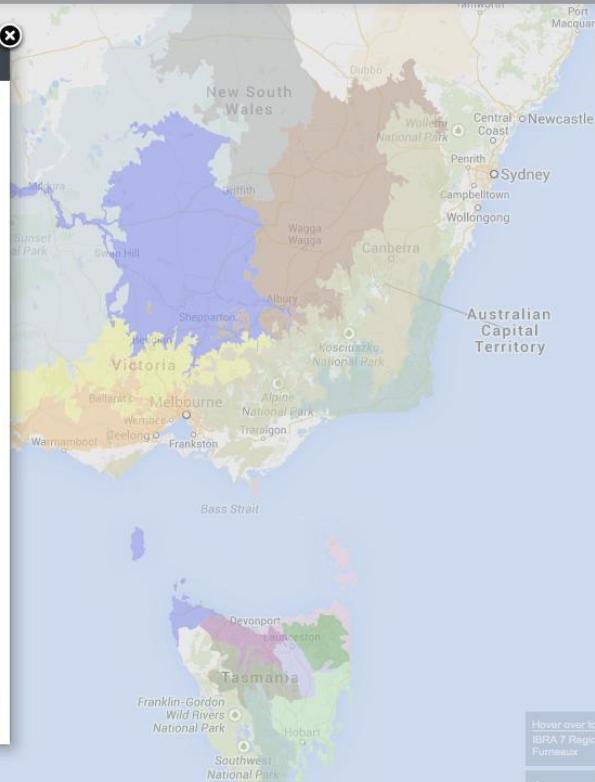
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Add Merged Area

Area name

Select areas to merge

- Current extent
- Australia
- Furneaux
- Flinders Lofty Block
- Kanmantoo
- Eyre Yorke Block
- Brigalow Belt South
- Cobar Peneplain
- South East Corner
- South Eastern Highlands
- Riverina
- NSW South Western Slopes
- Murray Darling Depression
- Victorian Midlands
- King
- Tasmanian Northern Slopes
- Tasmanian Southern Ranges
- Tasmanian Central Highlands
- Ben Lomond
- Tasmanian Northern Midlands
- Tasmanian South East
- Southern Volcanic Plain

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Hover over to view layers

IBRA 7 Regions

Furneaux

100 km

100 mi

Lat: -31.81971



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- Fumeaux
- Flinders Lofty Block
- Kanmantoo
- Eyre Yorke Block
- Brigalow Belt South



My Area 20

Layer name [Rename](#)

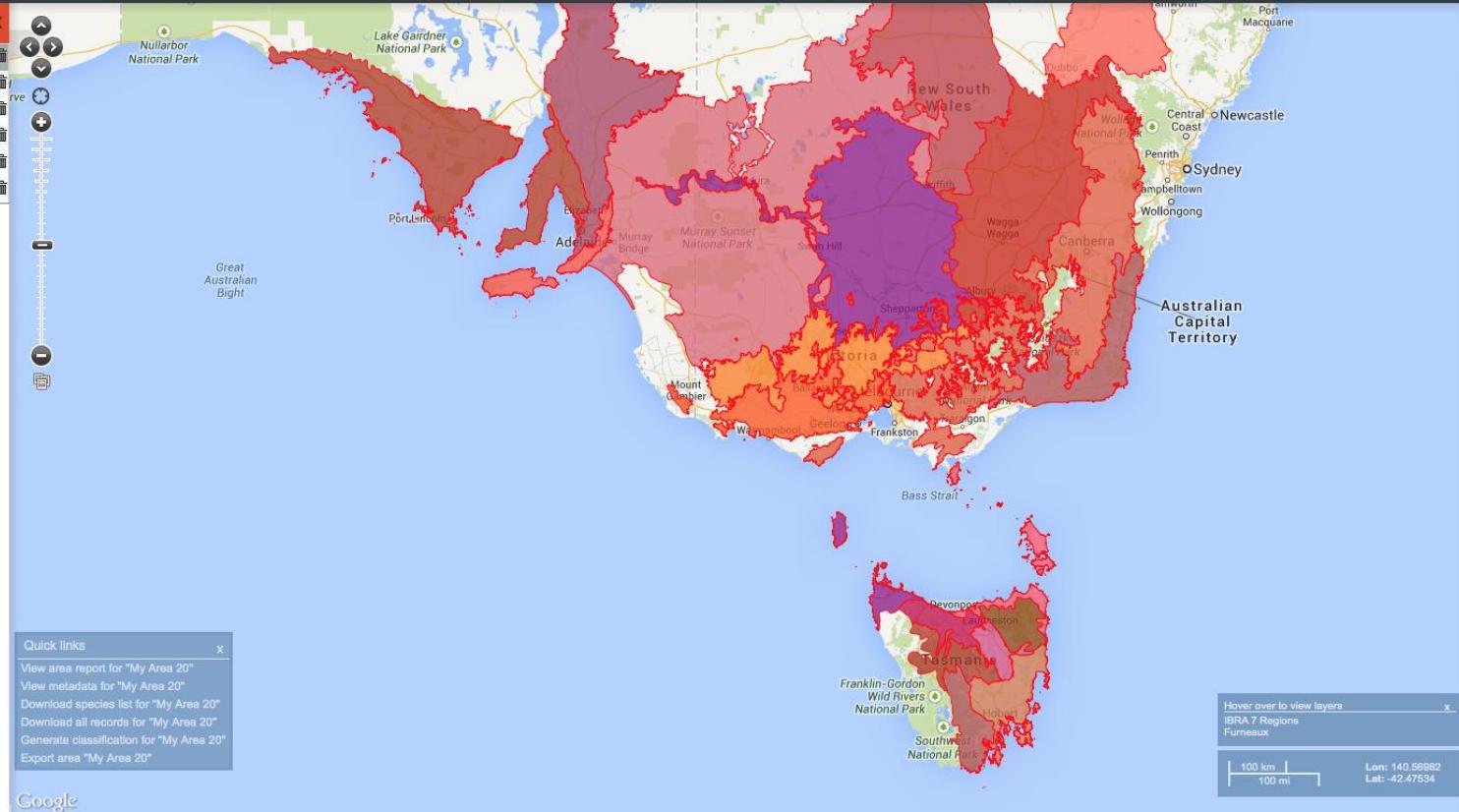
Facet [User defined colour](#)



more

Opacity

Display spatial uncertainty as a circle





Add to Map

Tools

Import

Export

Help

 My Area 20 Fureaux Flinders Lofty Block Kammantoo Eyre Yorke Block Brigalow Belt South

My Area 20

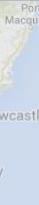
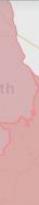
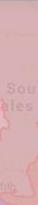
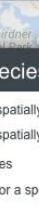
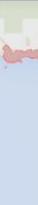
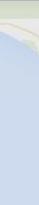
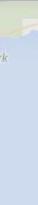
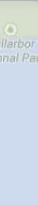
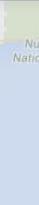
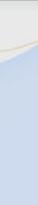
Layer name Rename

Facet

User defined colour



more

Opacity 40% Display spatial uncertainty as a circle

Add species

- Include spatially-valid records
 Include spatially-suspect records
 All species
 Search for a species by scientific or common name
 Use the scientific names supplied with the records

Kookaburra

For Kookaburra

subspecies, *Dacelo (Dacelo) leachii leachii* - found 27394

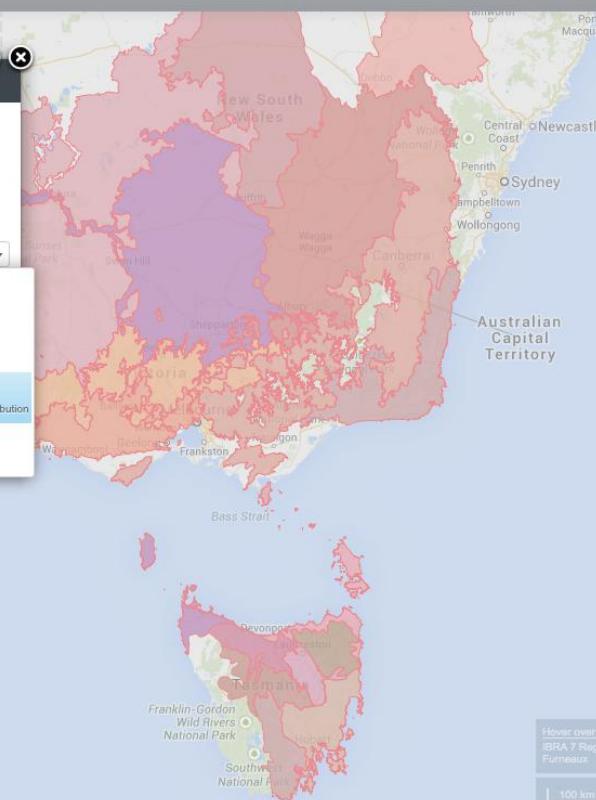
Blue-winged Kookaburra

species, *Dacelo (Dacelo) leachii* - found 27422 +1 expert distribution

Kookaburra

species, *Dacelo (Dacelo) novaeguineae* - found 267657 +1 expert distribution

Kookaburra Shell Or Cockatoo

species, *Biplex pulchella* - found 209

Quick links

- [View area report for "My Area 20"](#)
- [View metadata for "My Area 20"](#)
- [Download species list for "My Area 20"](#)
- [Download all records for "My Area 20"](#)
- [Generate classification for "My Area 20"](#)
- [Export area "My Area 20"](#)

Google

Hover over to view layers

IBRA 7 Regions
Fureaux100 km
100 miLon: 147.88886
Lat: -32.43932



- Add to Map ▾
- Tools ▾
- Import ▾
- Export ▾
- Help ▾
- <
- [Kookaburra](#)
- [My Area 20](#)
- [Furneaux](#)
- [Flinders Lofty Block](#)
- [Kamntoo](#)
- [Eyre Yorke Block](#)



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- Earthlines and Parks Victoria
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