

Viridans FIS-VFD Tutorial 4 - Web

Task:

Use the FIS to identify a climber in a rainforest area of East Gippsland.

- You are in East Gippsland and see a vigorous rainforest climber with dark, grape-like fruit. Your GPS reading is zone 55, easting 640159, northing 5854691.
- Use the GPS reading to find the locality on a map.
- Draw a circle of 3 km radius around this locality.
- Search the FIS database for all records within that area.
- Create a list of all species within the search area.
- Generate a subset of that list containing only species categorised as climbers with fleshy fruits.
- Browse the list along with the accompany photographs and descriptions to determine which offers the best match.

The products of this task should be:

- The identity of the climber as well as a written description, a photograph and a map showing its distribution in Victoria.

[Find a Species](#)

[Search an Area](#)

[Access Site Data](#)

[General Information](#)

[FAQ](#)

[Logout](#)

Victorian
Flora Information
System



2013

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 *Victorian Flora Information System*

? **Search from Base Map**
Use regional map with point-and-click to search

? **Search using Place Name**
Enter Place Name (minimum 3 characters)

? **Search using Geocode**

Longitude (DMS)	Latitude (DMS)
<input type="text"/>	<input type="text"/>
7 digits	6 digits

Zone	Easting	Northing
<input type="text"/>	<input type="text"/>	<input type="text"/>
2 digits	6 digits	7 digits

? **Define a Circular Search Area**

No pre-defined search area

- No pre-defined search area
- Circle Radius 3 km
- Circle Radius 4 km
- Circle Radius 5 km
- Circle Radius 6 km
- Circle Radius 7 km
- Circle Radius 8 km
- Circle Radius 9 km
- Circle Radius 10 km
- Circle Radius 11 km
- Circle Radius 12 km

Click to activate search

Enter MGA coordinates then select a radius for circular search are

Back

148°48'15" : 37°28'50" LonLat

55 659519 5850273 UTM

Zoom

x40

x35

x30

x25

x20

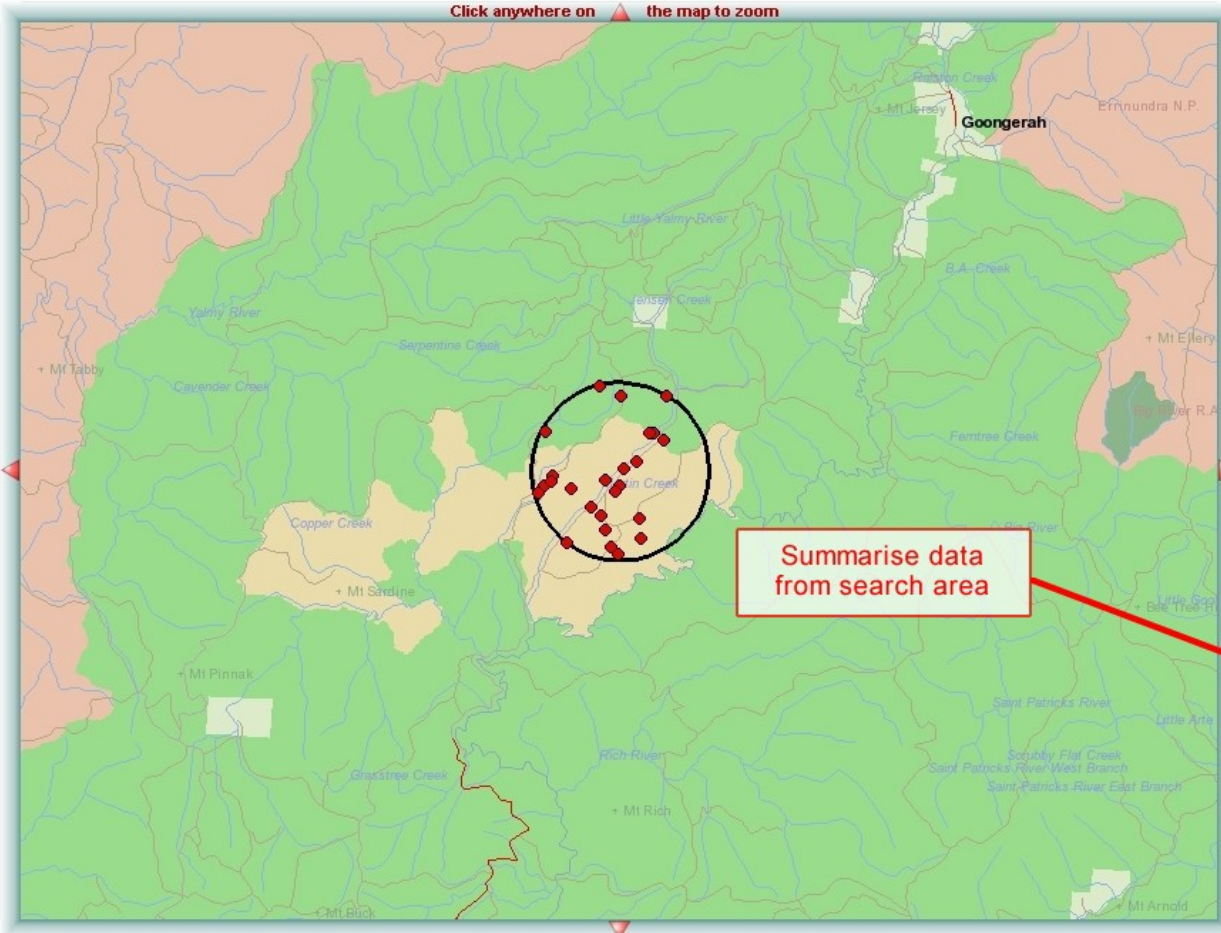
x10

x5

full

Print-Save PDF

Click anywhere on the map to zoom



5 km

- Main Roads
- Sealed Roads
- Unsealed Roads
- Tracks
- Built Up Areas
- Urban Parks
- Sea
- Rivers
- Lakes
- Reservoirs
- Swamps
- Private Land
- Public Land
- National Parks
- State Parks
- Regional Parks
- Wildlife Reserves
- Wilderness Areas
- Reference Areas

- Map Options*
- Sketch a Search Area
 - Search Sketched Area
 - Get all data from sites
 - Identify sites on map

Data modified from Viridans Flora Information System

www.viridans.com/fisdesk/specplistgrid1.php?enc=zxchrqovnqtlieaeq&mdhms=1362519746

Close

Show Filter Options

List Title: VicFIS - Regional List

Print-Save PDF Save CSV

Acacia dealbata

Photo: © Paul Gullan/Viridans Images

General Appearance: Erect or spreading tree to 30 m tall, but usually 10-20 m, with feathery grey-green foliage and bright yellow, globular, flower clusters, in racemes arising from leaf axils. Bark smooth, dark brown and usually blotched with grey lichens.

Leaves: Oblong, bipinnate, alternate along angled, hairy stems, 6-15 x 5-10 cm. Pinnae oblong, in 8-20 almost opposite pairs, to 8 x 10 mm, each pair with a single gland at the base. Pinnules 20-40 opposite pairs, linear, blunt, to 6 x 1 mm, with short appressed hairs.

Flowers: Clustered in globular, pale yellow, heads, to 1 cm wide, in loose axillary panicles. Sepals and petals 5, inconspicuous. (Jul Aug Sep Oct)

Fruit: An oblong pod to 5-10 cm x 8-12 mm often with one or two deep constrictions but otherwise straight-side. Seeds 5-12, ovoid, 4-6 mm long, black and shining; funicle pale brown about half length of seed.

Aboriginal Use: Wood was fashioned into stone axe handles. Sticky gum mixed with ash made a waterproof paste to seal holes in bark water vessels. Gum was eaten or dissolved and mixed with flower nectar for sweet drinks. Other similar species of Acacia may have been used in the same way.

Click here



Plot Distribution Map

Show Larger Pictures

Display Picture Text and Map

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

F A V O	Species Names	Family	Last Record
	<i>Acacia dealbata</i> - Silver Wattle	Mimosaceae	3 : 5.26%
	<i>Acacia falciformis</i> - Large-leaf Hickory-wattle	Mimosaceae	3 : 5.26%
k	<i>Acacia leprosa</i> var. <i>graveolens</i> - Common Cinnamon-wattle	Mimosaceae	1 : 1.75%
	<i>Acacia mearnsii</i> - Black Wattle	Mimosaceae	3 : 5.26%
	<i>Acacia melanoxylon</i> - Blackwood	Mimosaceae	8 : 14.03%
	<i>Acacia mucronata</i> subsp. <i>longifolia</i> - Narrow-leaf Wattle	Mimosaceae	3 : 5.26%
	<i>Acacia obliquinervia</i> - Mountain Hickory Wattle	Mimosaceae	2 : 3.5%
	<i>Acacia pycnantha</i> - Golden Wattle	Mimosaceae	5 : 8.77%
	<i>Acacia silvestris</i> - Red Wattle	Mimosaceae	2 : 3.5%
	<i>Acacia terminalis</i> - Sunshine Wattle	Mimosaceae	2 : 3.5%
	<i>Acacia verniciflua</i> s.l. - Varnish Wattle	Mimosaceae	4 : 7.01%
	<i>Acaena echinata</i> - Sheep's Burr	Rosaceae	1 : 1.75%
	<i>Acaena novae-zelandiae</i> - Bidgee-widgee	Rosaceae	2 : 3.5%
f r	<i>Acronychia oblongifolia</i> - Yellow-wood	Rutaceae	3 : 5.26%
	<i>Acrotriche serrulata</i> - Honey-pots	Ericaceae	1 : 1.75%
	<i>Allocasuarina littoralis</i> - Black Sheoak	Casuarinaceae	1 : 1.75%
	<i>Amyema pendula</i> - Drooping Mistletoe	Loranthaceae	1 : 1.75%
*	<i>Anthoxanthum odoratum</i> - Sweet Vernal-grass	Poaceae	1 : 1.75%
	<i>Asperula scoparia</i> subsp. <i>scoparia</i> - Prickly Woodruff	Rubiaceae	1 : 1.75%
	<i>Asplenium bulbiferum</i> subsp. <i>gracillimum</i> - Mother Spleenwort	Aspleniaceae	3 : 5.26%

315 Species

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Refine this List Reset all Filters

Display Order: Scientific Name Order

Flowering Time: All Flowering Times

Conservation: All Categories

Leaf Shape and Size: All Leaf Types

General Appearance: All Life Forms

Flower Type: All Flower Types

Flower Colour: All Flower Colors

Select climber filter

Acacia dealbata

General Appearance: Erect or spreading tree to 30 m tall, but usually smaller. Bark grey, smooth, becoming dark brown and fissured with age. Grey-green foliage with bright yellow, globular, flower clusters, in racemes, arising from leaf axils. Usually blotched with grey lichens.

Leaves: Oblong, bipinnate, alternate along angled, hairy stems, 8-15 x 5-10 cm. Pinnae oblong, in 8-20 almost opposite pairs, to 8 x 10 mm, each pair with a single gland at the base. Pinnules 20-40 opposite pairs, linear, blunt, to 6 x 1 mm, with short appressed hairs.

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f r	<i>Acronychia oblongifolia</i> - Yellow-wood	Rutaceae	3 : 5.26%

Refine this List Reset all Filters

Display Order Conservation General Appearance Flower Type Flower Colour

Scientific Name Order All Categories Climber or Scrambler All Flower Types All Flower Colors

Flowering Time Leaf Shape and Size Classification Miscellaneous

All Flowering Times All Leaf Types All Groups

Select fleshy fruit filter

Acacia dealbata

General Appearance: Erect or spreading tree to 30 m tall, but usually 10-20 m, with feathery grey-green and bright yellow, globular, flower clusters, in racemes, arising from leaf axils. Bark smooth, dark brown and usually blotched with grey lichens.

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- All Types
- All Types
- Aquatic Plants
- Epiphytes
- Parasites
- Succulents
- Insectivorous Plants
- Fleshy Fruits



Plot Distribution Map Show Larger Pictures Display Picture Text and Map

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	<i>Acaena novae-zelandiae</i> - Bidgee-widgee	Rosaceae	2 : 3.5%
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Close Hide Filter Options List Title: VicFIS - Regional List

Print-Save PDF Save CSV

Refine this List Reset all Filters

Display Order Conservation General Appearance Flower Type Flower Colour

Scientific Name Order All Categories Climber or Scrambler All Flower Types All Flower Colors

Flowering Time Leaf Shape and Size Classification Miscellaneous

All Flowering Times All Leaf Types All Groups Fleshy Fruits

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Photo: © Paul Gullan/Viridans Images



Plot Distribution Map

Show Larger Pictures

Display Picture Text and Map

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Family

Last Record

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Show Filter Options

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Cissus hypoglauca

Photo: © Paul Gullan/Viridans Images

General Appearance: A robust, woody climber, with broad, glossy leaves, in groups of five, racemes of small, yellow-green flowers, and dark purple, grape-like fruit.

Leaves: Divided into leaflets which are ovate or elliptic, to 15 x 4 cm, hairless; dark green, glossy above; pale green below; margins more or less smooth.

Flowers: Dull yellow or yellow-green, to 5 mm wide. Petals 4, ovate. (Jan Feb Sep Oct Nov Dec)

Fruit: A dark purple, globular, fleshy berry, to 12 mm wide.

Environment: Shaded rainforest gullies.

Authority: A. Gray

Other States: NSW QLD

Commonly Associated Trees: *Acmena smithii*, *Eucalyptus cynellocarpa*, *Eucalyptus obliqua*, *Eucalyptus sieberi*, *Eucalyptus globoidea*, *Eucalyptus muelleriana*

Annual Rainfall: 841 to 1029 mm

Warmest Temperatures: 24 to 26 °C



Highlight the best match and check the image and description.

Plot Distribution Map

Show Larger Pictures

Display Picture Text and Map

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

F A V O Species Names Family Last Record

<i>Billardiera mutabilis</i> - Common Apple-berry	Pittosporaceae	2 : 3.5%
<i>Billardiera scandens s.l.</i> - Common Apple-berry	Pittosporaceae	7 : 12.28%
<i>Celastrus australis</i> - Staff Climber	Celastraceae	4 : 7.01%
<i>Cissus hypoglauca</i> - Jungle Grape	Vitaceae	9 : 15.78%
<i>Eustrephus latifolius</i> - Wombat Berry	Smilacaceae	12 : 21.05%
<i>Morinda jasminoides</i> - Jasmine Morinda	Rubiaceae	8 : 14.03%
# <i>Passiflora cinnabarina</i> - Red Passion-flower	Passifloraceae	1 : 1.75%
* <i>Rubus fruticosus</i> spp. agg. - Blackberry	Rosaceae	5 : 8.77%
<i>Rubus moluccanus</i> var. <i>trilobus</i> - Queensland Bramble	Rosaceae	6 : 10.52%
<i>Rubus parvifolius</i> - Small-leaf Bramble	Rosaceae	1 : 1.75%
<i>Rubus rosifolius</i> var. <i>rosifolius</i> - Rose-leaf Bramble	Rosaceae	6 : 10.52%
<i>Sarcopetalum harveyanum</i> - Pearl Vine	Menispermaceae	5 : 8.77%
<i>Smilax australis</i> - Austral Sarsaparilla	Smilacaceae	10 : 17.54%

13 Species

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Close

Show Filter Options

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Cissus hypoglauca

Photo: © Paul Gullan/Viridans Images

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Plot Distribution Map **Show Larger Pictures** Display Picture Text and Map

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13 Species

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Cissus hypoglauca - Jungle Grape



© Paul Gullan/Viridans Images

Close

Show Filter Options

List Title: VicFIS - Regional List

Print-Save PDF Save CSV

Cissus hypoglauca

Photo: © Paul Gullan/Viridans Images

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Plot Distribution Map Show Larger Pictures **Display Picture Text and Map**

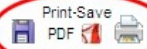
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13 Species

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Cissus hypoglauca - Jungle Grape



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Warmest Temperatures: 24 to 26 °C

Coollest Temperatures: 1 to 5 °C

Altitude: 22 to 506 m ASL


Other Scientific Names: *Vitis hypoglauca*

Other Common Names: Giant Water Vine, Water Vine

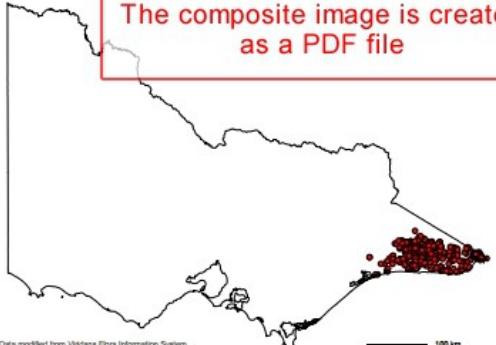
www.viridans.com/fisdesk/ptmgrid01pdf.php?specnum=0783&enc=zlchrqovntlieaq&mdhms=1362519746 - Google Chro...

www.viridans.com/fisdesk/ptmgrid01pdf.php?specnum=0783&enc=zlchrqovntlieaq&mdhms=1362519746

***Cissus hypoglauca* - Jungle Grape**



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The composite image is created as a PDF file

Data modified from Viridans Flora Information System

100 km

General Appearance: A robust, woody climber, with broad, glossy leaves, in groups of five, racemes of small, yellow-green flowers, and dark purple, grape-like fruit.

Leaves: Divided into leaflets which are ovate or elliptic, to 15 x 4 cm, hairless; dark green, glossy above; pale green below; margins more or less smooth.

Flowers: Dull yellow or yellow-green, to 5 mm wide. Petals 4, ovate. (Jan Feb Sep Oct Nov Dec)

Fruit: A dark purple, globular, fleshy berry, to 12 mm wide.

Environment: Shaded rainforest gullies.

Authority: A. Gray

Other States: NSW QLD

Commonly Associated Trees: *Acmena smithii*, *Eucalyptus cytellocarpa*, *Eucalyptus obliqua*, *Eucalyptus sieberi*, *Eucalyptus globoidea*, *Eucalyptus muelleriana*

Annual Rainfall: 841 to 1029 mm

Warmest Temperatures: 24 to 26 °C

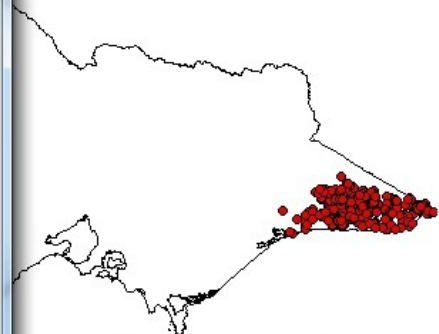
Coollest Temperatures: 1 to 5 °C

Altitude: 22 to 506 m ASL

Other Scientific Names: *Vitis hypoglauca*

Other Common Names: Giant Water Vine, Water Vine

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...s of small, yellow-green flowers, and dark purple,
 ...ove; pale green below; margins more or less
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