

# Mid Mitta Mitta Native Plant Lists

Including Eskdale, Mitta Mitta, Dartmouth, Granite Flat, Little Snowy Creek

## About this brochure



This brochure provides lists of plant species that are locally native (indigenous) to the **Mid Mitta Mitta** area (see inside the back page for map). These species are grouped into lists for different profiles of the landscape/topography, representing the different vegetation types (Ecological Vegetation Classes, EVCs) that occur there. The species in **bold** are those which are more common, and underlined species are those that are more likely to be available from nurseries that sell indigenous plants. The lists are cross-referenced with **EVC benchmarks** (see references).

## Why restore and revegetate?



These activities provide for: shelter for stock, pasture or crops; creating/ enhancing the habitat for native species; improving water quality; land protection; farm forestry (including firewood, sawlogs); meeting legislative requirements (eg. offsets), and aesthetics.

## What do you want to achieve?



The purpose of your works helps dictate the following; *where*, eg. extend existing native vegetation, link between patches, corner of paddock, along drainage line, in gully etc; *how*, eg. planting, direct seeding or natural regeneration; the *on going management* required; *what species* you revegetate with; the *density* (how many plants); and the *arrangement*, eg. rows versus random, shrubs around existing trees.

## Make the most of your efforts!



The long term survival, effective regeneration and other benefits can easily be optimised, whatever the purpose of your efforts.

Expanding the range of plant types to include shrubs, grasses and wildflowers helps keep your native trees healthy and provides the building materials, furniture and food needed by local native animals. These improve the chance of restoring plant-animal interactions such as pollination and insect control, assisting your restoration site and surrounding areas to be self-sustaining.

## How do I go about it?



Preparing the ground, undertaking pest and weed control, selection of plants, spacing and arrangement of plants, method of planting, watering in, mulching, guarding, fencing and monitoring are all factors which will vary according to your site and purpose. The book *Revegetation Techniques A guide to establishing native vegetation in Victoria* (Greening Australia 2003) is available from the website: [www.greeningaustralia.com.au](http://www.greeningaustralia.com.au)

## Order in advance



To maximise your range of species, order at least 12 months in advance. Nurseries can grow many species if they know you want them. They can also ensure that the seed is local to your site (plants genetically adapted to your conditions survive the best). So plan and order. If you collect your own seed, this can be given to nurseries to grow. Then you can be sure of how local your local plants are! A list of nurseries supplying indigenous plants in the NE Region can be found in *Revegetation Resources Directory*, DSE (2005) on the NECMA website: [www.necma.vic.gov.au](http://www.necma.vic.gov.au)

## Choosing the best list for a site



Selecting the appropriate list will ensure that the species are suited to the conditions. Consider: *where* you are in the landscape/ topography (eg. floodplain, flats, rises); the soil type and remnant vegetation near by. Based on this and current site conditions, select the best suited profile/s, using species descriptions as a guide.

## More Information



The following references are available on the DPI & DSE websites ([www.dpi.vic.gov.au](http://www.dpi.vic.gov.au); [www.dse.vic.gov.au](http://www.dse.vic.gov.au)) and at their offices

**Wodonga** McKoy St (02) 60437900

**Wangaratta** Cnr Ovens and Ford St (03) 57238600

**General:** DSE (2006) *Native Vegetation Revegetation planting standards - Guidelines for establishing native vegetation for net gain accounting*, DSE, East Melbourne. Perry, D and Butler, M. (2004) *Tree planting and aftercare*, LC0104, DPI, Melbourne.

**Biodiversity:** Platt, S. (2002) *How to Plan Wildlife Landscapes*, DNRE, Melbourne.

**Riparian Revegetation:** Price, P. & Lovett, S. (2002) 'Managing riparian land', 1, Land & Water Australia Canberra.

**Farm Forestry:** Hajek, C. (2002) *Farm forestry / agroforestry: What is it?*, AG0790, DPI, Horsham.

**Shelter Belts:** Johnson H. and Brandle, James (2003) *Shelterbelt design*, LC 0136, DPI, Stawell.

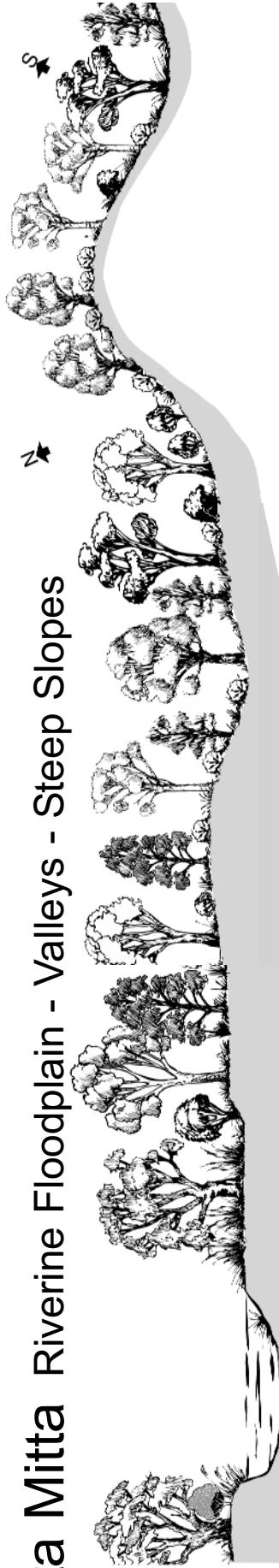
**Salinity:** DPI (2005) *Frequently Asked Question About Salinity Tree Planting Incentive Projects NESSI*

**EVC Descriptions and Benchmarks:** [www.dse.vic.gov.au](http://www.dse.vic.gov.au) under 'Conservation and Environment' go to 'Native Vegetation Information for Victoria'.

DNRE (2002), *Managing Your Patch of Bush*, Wodonga.

**Species Descriptions:** [www.csu.edu.au/herbarium/riverina](http://www.csu.edu.au/herbarium/riverina)

# Mid Mitta Mitta Riverine Floodplain - Valleys - Steep Slopes



| Landform   | Floodplain, terraces  | Valleys, Hills   | Foothills, Mountains   |
|--|---|--|--|
| Landform Description   | Active riverine floodplain with frequent, short duration flooding                   | Broad valley bottoms, footslopes and moderate hill slopes  | Moderate to steep dry slopes generally south and east facing, or north west at higher alts |
| Geology & Soils  | Alluvial sediments: red-brown loams to sandy clay loams; grey                       | Colluvium derived from various geologies: well-drained red-brown gradational soils to loam soils | Sedimentary or granitic: typically shallow soils   |
| EVC  | Floodplain Riparian Woodland  | Valley Grassy Forest   | Grassy Dry Forest  |
| Location Example   | Mitta Mitta River, downstream of Mitta Mitta township                               | Holloways Log Road   | Horsefall Road   |
| <b>Legend</b>  | <b>Trees &gt; 5m</b>  | <b>Trees &gt; 5m</b>   | <b>Trees &gt; 5m</b>   |
| Underline text = likely to be available from nurseries           | Acacia dealbata (UT)<br>Acacia melanoxylon (UT)<br><b>Eucalyptus camaldulensis</b>  | Acacia dealbata (UT)<br>Acacia melanoxylon (UT)<br><b>Eucalyptus dives</b>                       | Acacia dealbata (UT)<br><b>Eucalyptus dives</b>  |
| <b>Bold text = more common in EVC</b>                            | <b>River Red-gum</b>  | <b>Eucalyptus goniocalyx</b>   | <b>Eucalyptus goniocalyx</b>   |
| <b>Trees</b>   | <b>Bursaria spinosa sbsp. <i>lastophylla</i></b><br><b>Callistemon sieberi</b> (MS) | (MS) Hairy Bursaria<br><b>River Bottlebrush</b>  | Bundy / Long-leaf box  |
| Woody plants (include large shrubs) > 5m                         | Cassinia aculeata <sup>1</sup> (MS)   | Eucalyptus mannifera   | Brittle Gum  |
| (UT) Understorey Trees   | Kunzea ericoides <sup>1</sup> (MS)  | Eucalyptus <i>polyanthemos</i>   | Red Box  |
| = trees or large shrubs > 5m that do not form part of the canopy | Lentospermum brevipes   | Eucalyptus <i>radiata</i>  | Narrow-leaf Peppermint   |
| <b>Shrubs</b>  | <b>Melicytus dentatus</b> (MS)  | Exocarpos cupressiformis (UT)  | Cherry Ballart (UT)  |
| (MS) Medium 1-5m   | <b>Amphibromus fluitans</b> (M)   | <b>Acacia rubida</b> (MS)  | <b>Red-stem Wattie</b>   |
| (SS) Small 20cm-1m   | <b>Carex appressa</b> (L)   | Acrotriche serrulata (PS)  | Honey-pots   |
| (PS) Prostrate <50cm   | Carex gaudichaudiana (M)  | Boronia <i>nana</i> var. <i>hirsutifolia</i>   | (PS) Dwarf Boronia   |
| <b>Groundcovers</b>  | Carex inversa (M)   | Bursaria <i>spinosa</i> sbsp. <i>lastophylla</i>   | (MS) Hairy Bursaria  |
| (L) Large grass-like plant >1m                                   | <b>Cyperus lucidus</b> (L)  | <b>Cassinia aculeata</b> <sup>1</sup> (MS)   | <b>Common Cassinia</b> <sup>1</sup>  |
| (M) Medium grass-like plant 10cm-1m                              | Centipeda minima (SH)   | Hibbertia <i>obtusifolia</i> (SS)  | Grey Guinea-flower   |
| (T) Tiny grass-like plant <10cm                                  | Eleocharis gracilis (M)   | Mirbelia <i>oxyloboides</i> (MS)   | Mountain Mirbelia  |
| (LH) Large herb>50cm   | Elymus scaber (M)   | <b>Groundcovers</b>  | Pulterea <i>spinosa</i> (MS)   |
| (MH) Medium herb 5-20cm  | Eragrostis parviflora (L)   | Acaena <i>novaeseelandiae</i> (MH)   | <b>Groundcovers</b>  |
| (SH) Small or prostrate herb < 5cm                               | Juncus australis (L)  | Austrodanthonia <i>penicillata</i> (M)   | Billardiera <i>scandens</i> (SC)   |
| (GF) Ground Fern   | <b>Juncus flavidus</b> (L)  | Carex breviculmis (M)  | Bothriochloa <i>macra</i> (M)  |
| (SC) Scrambler/ climber  | Juncus homalocaulis (M)   | Cymbonotus <i>preissianus</i> (SH)   | Cheilanthes <i>austrotenuifolia</i> (GF)   |
|  | Lachnagrostis <i>filiformis</i> (M)   | Desmodium <i>gunnii</i> (SH)   | <b>Chryscephalum semipapposum</b> (LH)   |
|  | <b>Microseris stipoides</b> (M)   | Deyeuxia <i>quadriseta</i> (L)   | <b>Clustered Everlasting</b>   |
|  | <b>Persicaria prostrata</b> (MH)  | Dichelachne <i>cristata</i> (M)  | Black-anther Flax-lily   |
|  | Rubus parvifolius (SC)  | Elymus <i>scaber</i> (M)   | Common Plume-grass   |
|  | Rumex brownii (MH)  | Geranium <i>retrosum</i> (MH)  | Common Wheat-grass   |
|  | <b>Poa labillardierei</b> (M)   | Glycine <i>clandestina</i> (SC)  | Grassland Cranesbill   |
|  |   | Lomandra <i>longifolia</i> sbsp. <i>exilis</i>   | Twining Glycine  |
|  |   | <b>Common Tussock-grass</b>  | (L) Spiny-headed Mat-rush  |
|  |   | <b>Microseris stipoides</b> (M)  | <b>Weeping Grass</b>   |
|  |   | Poa <i>sieberiana</i> (M)  | Grey Tussock-grass   |
|  |   | <b>Senecio quadridentatus</b> (LH)   | Fireweed Groundsel   |
|  |   | Themedia <i>triandra</i> (M)   | Kangaroo Grass   |
|  |   | <b>Wahlenbergia gracilis</b> (LH)  | Sprawling Bluebell   |
|  |   | Xerochrysum <i>viscosum</i> (LH)   | Shiny Everlasting  |

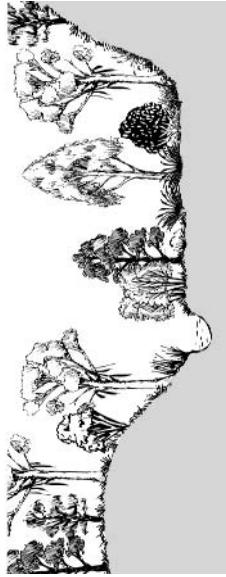
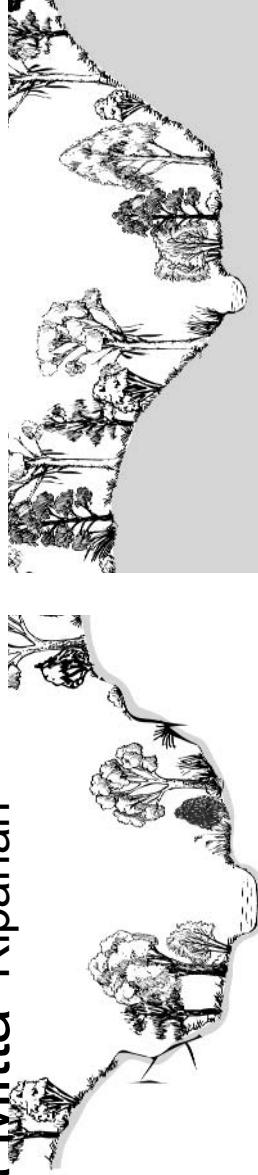
<sup>1</sup> Potential to spread rapidly

## Mid Mitta Mitta Protected Gullies - Steep Dry Slopes



## 11 Potential to spread rapidly

# Mid Mitta Mitta Riparian



| Landform  | Foothill and Mountain Streams  | Streams of Hills to Mountains                         | Swampy flats in Hills to Mountains  |
|---|--|---|---|
| Landform Description  | Rocky stream-beds and banks, and adjacent terrace and slopes                       | Upper catchment streams, swift-flowing                | Broad drainage lines above ~300m altitude, including prior stream depressions |
| Geology & Soils   | Various geologies, rock bars in-stream: soils are generally infertile coarse sands | Quaternary alluvial sediments: clays, silts and sands | Alluvial: silty sands and gravels, sometimes clays                            |
| EVC   | Riverine Escarpment Scrub  | Riparian Forest                                       | Swampy Riparian Woodland  |
| Location Example  | Mitta North Road, south of intersection with Dartmouth Road                        | Upper sections of Little Snowy Creek                  | Diggers Creek   |
| <b>Legend</b>   | <b>Trees &gt; 5m</b>   | <b>Trees &gt; 5m</b>                                  | <b>Trees &gt; 5m</b>  |
| Underline text = likely to be available from nurseries                                  | <i>Acacia dealbata</i> (UT)  | <i>Silver Wattle</i> (UT)                             | <i>Acacia dealbata</i> (UT)   |
| <b>Bold text = more common in EVC</b>   | <i>Acacia melanoxylon</i> (UT)   | <b>Blackwood</b> (UT)                                 | <b>Blackwood</b> (UT)   |
|   | <i>Acacia pravissima</i> (UT)  | <i>Acacia melanoxylon</i> (UT)                        | Mountain Swamp-gum  |
|   | <i>Leptospermum grandifolium</i> (UT)  | <i>Eucalyptus camphora</i>                            | Broad-leaved Peppermint   |
|   | <i>Pomaderris aspera</i> (UT)  | <i>Eucalyptus dives</i>                               | <i>Eurabbie</i>   |
| <b>Shrubs</b>   |  | <b>Eucalyptus globulus</b> sbsp. <i>bicoastata</i>    | <b>Eurabbie</b>   |
|   |  | <i>Eucalyptus radiata</i>                             | Narrow-leaf Peppermint  |
|   |  | <i>Eucalyptus rubida</i>                              | Candlebark  |
|   |  | <i>Eucalyptus viminalis</i>                           | <i>Eucalyptus viminalis</i>   |
| <b>Trees</b>  | <i>Acacia dawsonii</i> (MS)  | <i>Eucalyptus viminalis</i>                           | <i>Leptospermum grandifolium</i> (UT)   |
| Woody plants (include large shrubs) > 5m  | <i>Bursaria spinosa</i> sbsp. <i>lasiophylla</i> <sup>1</sup> (MS)                 | <i>Leptospermum grandifolium</i> (UT)                 | <b>Mountain Tea-tree</b> (UT)   |
| (UT) Understorey Trees = trees or large shrubs > 5m that do not form part of the canopy | <i>Cassinia aculeata</i> <sup>2</sup> (MS)   | <i>Lomatia fraseri</i> (UT)                           | Tree Lomatia (UT)   |
|   | <i>Coprosma quadrifida</i> (MS)  | <b>Pomaderris aspera</b> (UT)                         | <b>Hazel Pomaderris</b> (UT)  |
| <b>Shrubs</b>   | <i>Grevillea lanigera</i> <sup>1</sup> (MS)  | <i>Callistemon sieberi</i> (MS)                       | <i>Callistemon sieberi</i> (MS)   |
| (MS) Medium 1-5m (SS) Small 20cm-1m (PS) Prostrate <50cm                                | <i>Hakea microcarpa</i> (MS)   | <i>Cassinia longifolia</i> <sup>2</sup> (MS)          | <i>Cassinia longifolia</i> <sup>2</sup> (MS)                                  |
| <b>Groundcovers</b>   | <i>Kunzea ericoides</i> (MS)   | <i>Leptospermum brevipes</i> (MS)                     | <i>Gynatrix pulchella</i> (MS)  |
| (L) Large grass-like plant >1m  | <i>Lomatia myricoides</i> (MS)   | <i>Coprosma quadrifida</i> (MS)                       | <i>Leptospermum continentale</i> (MS)   |
| (M) Medium grass-like plant 10cm-1m   | <i>Melicytus dentatus</i> <sup>1,2</sup> (MS)                                      | <i>Gynatrix pulchella</i> (MS)                        | <b>Groundcovers</b>   |
| (T) Tiny grass-like plant <10cm   | <i>Prostanthera rotundifolia</i> (MS)  | <i>Leptospermum obovatum</i> (MS)                     | <i>Adiantum aethiopicum</i> (GF)  |
| (LH) Large herb>50cm  |  | <i>Lomatia myricoides</i> (MS)                        | <i>Blechnum minus</i> (GF)  |
| (MH) Medium herb 5-20cm   |  | <i>Melicytus dentatus</i> <sup>2</sup> (MS)           | <i>Blechnum nudum</i> (GF)  |
| (SH) Small or prostrate herb < 5cm  |  | <i>Mirbelia oxyloboides</i> (MS)                      | <i>Carex appressa</i> (L)   |
| (GF) Ground Fern (SC) Scrambler/ climber  | <i>Carex fuscovulgaris</i> (M)   | <i>Olearia lirata</i> (MS)                            | <b>Carex appressa</b> (L)   |
|   | <i>Carex polyantha</i> (L)   | <i>Olearia phlogopappa</i> (MS)                       | <i>Cyperus lucidus</i> (L)  |
|   | <b>Cyperus lucidus</b> (L)   | <b>Groundcovers</b>                                   | <i>Deyeuxia rodwayi</i> (M)   |
|   | <i>Dianella tasmanica</i> (M)  | <i>Adiantum aethiopicum</i> (GF)                      | <i>Dianella tasmanica</i> (M)   |
|   | <i>Geranium potentilloides</i> <sup>1</sup> (MH)                                   | <i>Blechnum nudum</i> (GF)                            | <i>Dichondra repens</i> (SH)  |
|   | <i>Lomandra longifolia</i> sbsp. <i>exilis</i> (L)                                 | <i>Carex appressa</i> (L)                             | <i>Epilobium gunnianum</i> (LH)   |
|   | <i>Microchaena stipoides</i> (M)   | <b>Groundcovers</b>                                   | <i>Gahnia sieberiana</i> (L)  |
|   | <i>Pandorea pandorana</i> (SC)   | <i>Blechnum nudum</i> (GF)                            | <i>Hypolepis rugosula</i> (GF)  |
|   | <i>Phragmites australis</i> (L)  | <i>Carex appressa</i> (L)                             | <i>Menia laxiflora</i> (LH)   |
|   | <i>Poa ensiformis</i> (M)  | <i>Clematis aristata</i> (SC)                         | <i>Microchaena stipoides</i> (M)  |
|   | <b>Poa labillardierei</b> (M)  | <i>Cyperus lucidus</i> (L)                            | <i>Weeping Grass</i>  |
|   | <i>Poa sieberiana</i> <sup>2</sup> (M)   | <i>Dianella tasmanica</i> (M)                         | <i>Common Reed</i>  |
|   | <b>Polystichum proliferum</b> (GF)   | <i>Microlaena stipoides</i> (M)                       | <i>Sword Tussock-grass</i>  |
|   | <i>Rubus parvifolius</i> (SC)  | <i>Phragmites australis</i> (L)                       | <i>Common Tussock-grass</i>   |
|   |  | <i>Poa ensiformis</i> (M)                             | <i>Mother Sheld-fern</i>  |
|   |  | <i>Poa labillardierei</i> (M)                         | <i>Small-leaf Bramble</i>   |
|   |  | <b>Polystichum proliferum</b> (GF)                    | <i>Shrubby Fireweed</i>   |

<sup>1</sup> On rocky slopes above stream

<sup>2</sup> Potential to spread rapidly

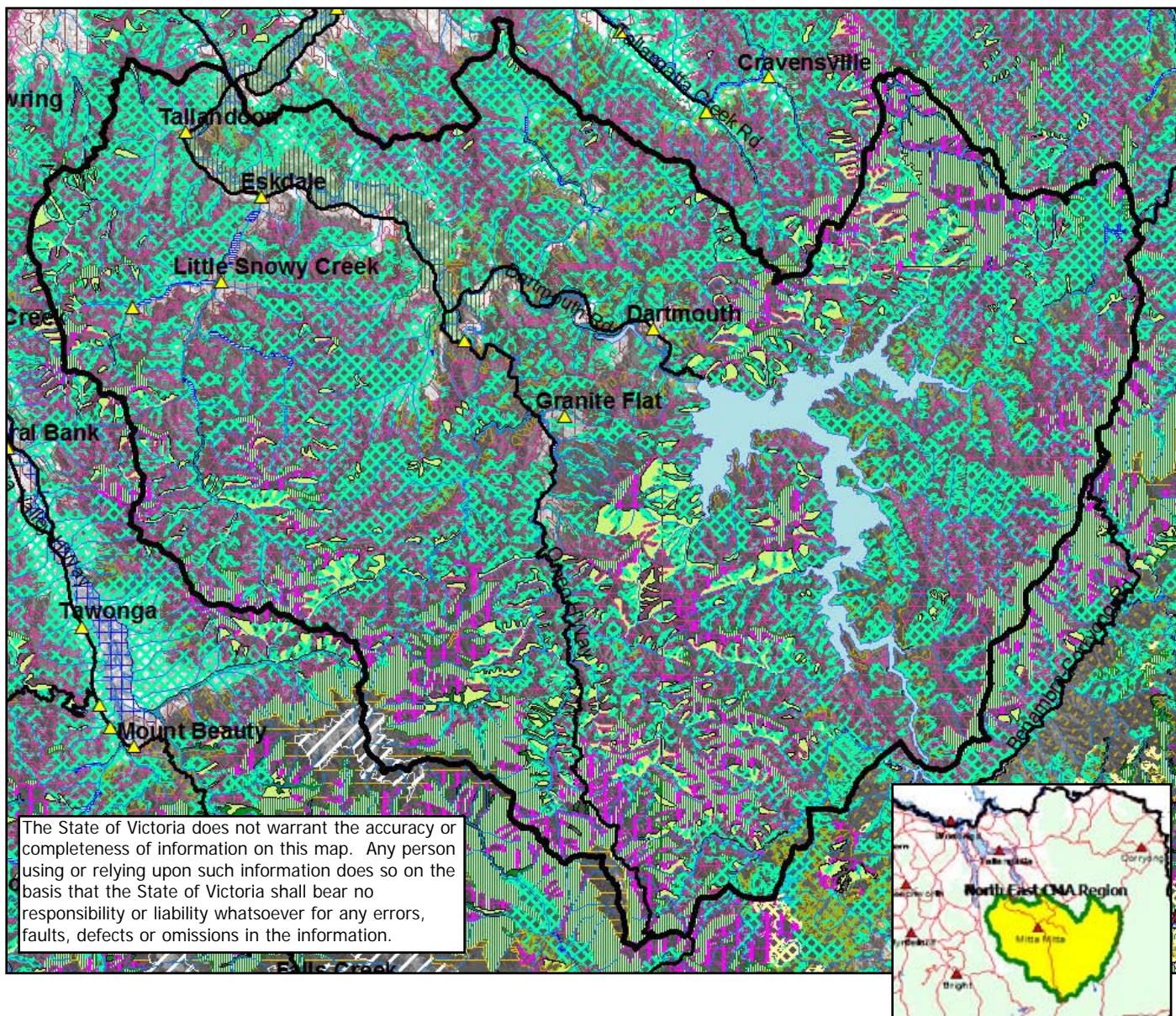


Figure 1. Map of the 'Mid Mitta Mitta' zone. This satellite image has an overlay of the mapped distribution of the Ecological Vegetation Classes for this zone. The mapping should only be used as an *indication* of which EVCs *may* occur there. To decide which EVCs relate to your property, use the Landform Descriptions and Geology & Soils information in the profiles. To view and print an EVC map for your area see the DSE website ([www.dse.vic.gov.au](http://www.dse.vic.gov.au)) Select 'Interactive Maps' then 'Biodiversity Interactive Map' then choose the appropriate layers.

# Notes Page

#### References:

Berwick, S. (unpublished) *Pre-1750 EVC mapping, Goulburn Broken CMA*, Department of Natural Resources and Environment, Benalla. Viridans Pty Ltd. (2004) *Victorian Fauna Display*, Viridans Pty Ltd., Melbourne.

Whyte, S. (2003) *Revegetation Techniques A guide for establishing native vegetation in Victoria*, Greening Australia, Horsham.

### Acknowledgments:

This project has been co-funded by DSE and Natural Heritage Trust. Our thanks to community and organisational members who have assisted with comments, particularly Lyn Coulston.  
Profile drawings created by Vincent Drane of Spring Creek Studio.



Australian Government

Edited by Mary Titcomb and Sue Berwick, Department of Sustainability and Environment

Published by the Victorian Government Department of Sustainability and Environment Melbourne, October 2007

© The State of Victoria Department of Sustainability and Environment 2007

This publication is copyright. No part may be reproduced by any process except in accordance with the provisions of the Copyright Act 1968.

This publication is copyright. No part may be reproduced by any process except in  
Authorised by the Victorian Government, Melbourne. Printed by Stream Solutions.

Published by the Victorian Government, Melbourne, Victoria, Australia by Stream Solutions.

ISBN 978-1-74152-969-2 (print); ISBN 978-1-74152-975-3 (online); ISBN 978-1-74152-999-9 (CD-ROM)

ISBN 978-1-7857-0372-2 (print), ISBN 978-1-7857-0373-9 (online), ISBN 978-1-7857-0374-6 (eBook)

**Disclaimer:**  
This public

This publication may be of assistance to you but the State of Victoria and its employees do not guarantee that the publication is without flaw or any kind or is wholly appropriate for your particular purposes and therefore disclaims all liability for any error, loss or other consequence which may arise from you relying on any information in this publication.