

# Indigenous plants of the Geelong Region

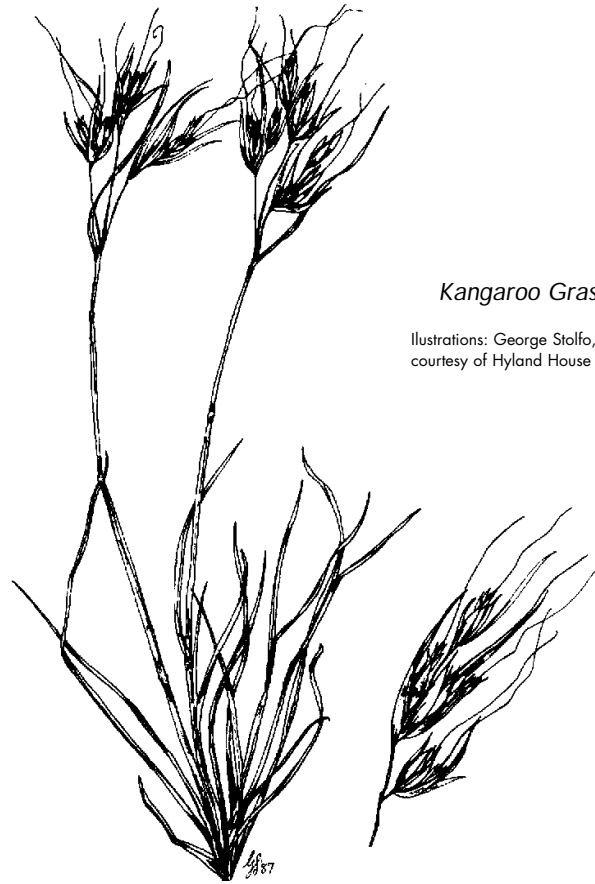
## ZONE 8

Consists of fertile clay to clay loam soils with basalt rock usually present. It includes hills and plains that are mostly poorly drained. The average rainfall is 55 - 62cm.

## MT DUNEED & SURROUNDING BASALT FLOWS

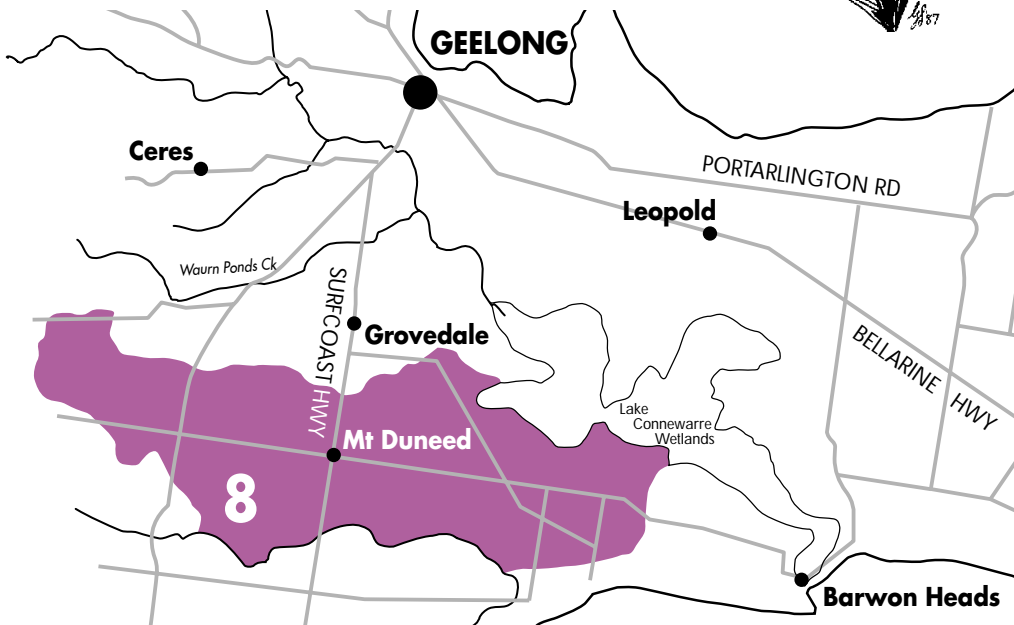
This area was characterised by grassy woodland with areas of open grassland. Common tree species on the plains included Drooping Sheoke, Swamp Gum, Blackwood and River Red Gum. Yellow Gums were present in isolated populations over the Mount Duneed basalt flow. Understorey species were predominantly Wattles. Areas of grassland included Kangaroo Grass on the plains and drier sites and Tussock Grass along watercourses.

The volcanic cone of Mount Duneed had a different vegetation structure than the surrounding basalt plains, with certain species, possibly Manna Gum, only occurring in these areas. This landform not only restricts many species from the surrounding area but also provides suitable conditions for others.



Kangaroo Grass

Illustrations: George Stolfo, courtesy of Hyland House



### Local Indigenous Nurseries

Geelong Indigenous Nursery ..... Mobile: 0421 006 070  
West Coast Indigenous Nursery ..... Mobile : 0425 752 648 ..... Ph. 5261 5773

### Further Contacts

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Department of Sustainability & Environment ..... [www.dse.vic.gov.au](http://www.dse.vic.gov.au) ..... Ph.136 186  
Geelong Field Naturalists Club Inc. .... <http://home.vicnet.net.au/~gfnc/> ..... Ph. 5229 3901  
Landcare contacts ..... [www.landcare.net.au](http://www.landcare.net.au) ..... [www.geelongaustralia.com.au](http://www.geelongaustralia.com.au) (Environment Directory) ..... CCMA Ph. 5232 9100



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## TREE SPECIES

### Zone 8 Mount Duneed & Surrounding Basalt Plains

| Common name     | Botanical name                           | Size (H x W m) | Low-lying areas & watercourses | Plains and gentle hills | Volcanic Cone    |
|-----------------|--|----------------|--------------------------------|-------------------------|------------------|
| Lightwood       | <i>Acacia implexa</i>                    | 5-15 x 4-7     |                                | ◆                       | ◆                |
| Black Wattle    | <i>Acacia mearnsii</i>                   | 8-25 x 6-10    | ◆                              | ◆                       | ◆                |
| Blackwood       | <i>Acacia melanoxylon</i>                | 5-30 x 4-15    | ◆                              | ◆                       | ◆                |
| Golden Wattle   | <i>Acacia pycnantha</i>                  | 3-10 x 2-5     |                                | ◆                       | ◆                |
| Drooping Sheoke | <i>Allocasuarina verticillata</i>        | 4-11 x 3-6     |                                | ◆                       | ◆                |
| River Red Gum   | <i>Eucalyptus camaldulensis</i>          | 12-35 x 15-35  | ◆                              | ◆                       | ◆                |
| Yellow Gum      | <i>Eucalyptus leucoxylon ssp connata</i> | 10-20 x 6-20   | ◆ uncommon                     | ◆                       | ◆                |
| Swamp Gum       | <i>Eucalyptus ovata</i>                  | 8-30 x 8-20    | ◆                              | ◆                       |                  |
| Manna Gum       | <i>Eucalyptus viminalis</i>              | 10-20 x 8-15   |                                |                         | ◆                |
| Cherry Ballart  | <i>Exocarpos cupressiformis</i>          | 3-8 x 3-5      |                                | ◆                       | Scoria Cone<br>◆ |

## SHRUB SPECIES

### Zone 8 Mount Duneed & Surrounding Basalt Plains

| Common name       | Botanical name                                  | Size (H x W m)    | Low-lying areas & watercourses | Plains and gentle hills | Volcanic Cone |
|-------------------|---|-------------------|--------------------------------|-------------------------|---------------|
| Silver Wattle     | <i>Acacia dealbata</i>                          | 6-15 x 5-10       | ◆                              |                         |               |
| Hedge Wattle      | <i>Acacia paradoxa</i>                          | 2-4 x 2-5         | ◆                              | ◆                       | ◆             |
| Prickly Moses     | <i>Acacia verticillata</i>                      | 2-6 x 3-5         | ◆                              |                         |               |
| Silver Banksia    | <i>Banksia marginata</i>                        | 1-10 x 1-5        |                                | ◆                       | ◆             |
| Sweet Bursaria    | <i>Bursaria spinosa var macrophylla</i>         | 2-6 x 2-3         | ◆                              | ◆                       |               |
| Grey Parrot-pea   | <i>Dillwynia cinerascens</i>                    | 0.6-1.5 x 0.5-1.5 |                                | ◆                       |               |
| Smooth Parrot-pea | <i>Dillwynia glaberrima</i>                     | 1-2 x 1-2         |                                | ◆                       |               |
| Giant Hop-bush    | <i>Dodonaea viscosa</i>                         | 1-3 x 1-3         |                                | ◆                       |               |
| Hop Goodenia      | <i>Goodenia ovata</i>                           | 1-2.5 x 1-3       | ◆                              | ◆                       |               |
| Hemp-Bush         | <i>Gynatrix pulchella</i>                       | 2-4 x 1.5-3       | ◆                              |                         |               |
| Shrub Violet      | <i>Hymenanchera dentata</i>                     | 2-4 x 1-2.5       | ◆                              | ◆                       |               |
| Prickly Tea-tree  | <i>Leptospermum continentale</i>                | 1-4 x 1-2         | ◆ possibly on alluvial soils   |                         | ◆             |
| Woolly Tea-tree   | <i>Leptospermum lanigerum</i>                   | 2-6 x 1-3         | ◆                              |                         | Mt Moriac     |
| River Tea-tree    | <i>Leptospermum obovatum</i>                    | 2-4 x 1.5-2       | ◆                              |                         |               |
| Common Boobialla  | <i>Myoporum insulare (distinct inland form)</i> | 1-6 x 3           |                                | ◆                       |               |
| Twiggy Daisy-bush | <i>Olearia ramulosa</i>                         | 0.5-2.5 x 1       |                                | ◆                       | ◆             |
| Shrub Everlasting | <i>Ozothamnus ferrugineus</i>                   | 2-6 x 1-3         | ◆                              |                         |               |
| Kangaroo Apple    | <i>Solanum laciniatum</i>                       | 1-3 x 1-3         |                                | ◆                       | ◆             |

## GROUNDCOVER AND TUSSOCK SPECIES

### Zone 8 Mount Duneed & Surrounding Basalt Plains

| Common name            | Botanical name                   | Size (H x W m) | Low-lying areas & watercourses | Plains and gentle hills | Volcanic Cone |
|------------------------|----------------------------------|----------------|--------------------------------|-------------------------|---------------|
| Common Everlasting     | <i>Chrysocephalum apiculatum</i> | 0.3 x 1-2      |                                | ◆                       |               |
| Black Anther Flax-lily | <i>Dianella revoluta</i>         | 0.5 x 1.5-2.0  |                                | ◆                       |               |
| Tussock Grass          | <i>Poa labillardieri</i>         | 0.8 x 0.8      | ◆                              |                         |               |
| Kangaroo Grass         | <i>Themeda triandra</i>          | 0.3 x 0.3      |                                | ◆                       | ◆             |

◆ - species is present in areas of remnant vegetation    ❖ - species once occurred in this area