

### EVC/Bioregion Benchmark for Vegetation Quality Assessment

Strzelecki Ranges bioregion

EVC 2: Coast Banksia Woodland

###### Description:

Restricted to near coastal localities on secondary or tertiary dunes behind Coastal Dune Scrub. Usually dominated by a woodland overstorey of Coast Banksia Banksia integrifolia to 15 m tall over a medium shrub layer. The understorey consists of a number of herbs and sedges, including scramblers.

|  |  |  |
| --- | --- | --- |
| **Large trees:** |  | |
| **Species**  Banksia spp. | **DBH(cm)**  50 cm | **#/ha**  10 / ha |

###### Tree Canopy Cover:

**%cover Character Species Common Name**

15% Banksia integrifolia ssp. integrifolia Coast Banksia

|  |  |  |  |
| --- | --- | --- | --- |
| **Understorey: Life form** | **#Spp** | **%Cover** | **LF code** |
| Immature Canopy Tree |  | 5% | IT |
| Understorey Tree or Large Shrub | 2 | 15% | T |
| Medium Shrub | 3 | 30% | MS |
| Large Herb | 2 | 1% | LH |
| Medium Herb | 3 | 15% | MH |
| Small or Prostrate Herb | 2 | 10% | SH |
| Large Tufted Graminoid | 1 | 1% | LTG |
| Medium to Small Tufted Graminoid | 2 | 1% | MTG |
| Ground Fern | 1 | 5% | GF |
| Scrambler or Climber | 1 | 5% | SC |
| Bryophytes/Lichens | na | 10% | BL |

|  |  |  |
| --- | --- | --- |
| **LF Code**  T | **Species typical of at least part of EVC range**  Myoporum insulare | **Common Name**  Common Boobialla |
| T | Acacia longifolia ssp. sophorae | Coast Wattle |
| MS | Rhagodia candolleana ssp. candolleana | Seaberry Saltbush |
| MS | Melaleuca ericifolia | Swamp Paperbark |
| MS | Leptospermum laevigatum | Coast Tea-tree |
| MS | Monotoca elliptica s.l. | Tree Broom-heath |
| LH | Senecio linearifolius | Fireweed Groundsel |
| LH | Urtica incisa | Scrub Nettle |
| MH | Senecio biserratus | Jagged Fireweed |
| MH | Lobelia anceps | Angled Lobelia |
| MH | Sambucus gaudichaudiana | White Elderberry |
| MH | Viola hederacea sensu Willis (1972) | Ivy-leaf Violet |
| SH | Dichondra repens | Kidney-weed |
| SH | Apium prostratum ssp. prostratum | Sea Celery |
| LTG | Carex appressa | Tall Sedge |
| MTG | Lepidosperma gladiatum | Coast Sword-sedge |
| MTG | Isolepis inundata | Swamp Club-sedge |
| MNG | Ficinia nodosa | Knobby Club-sedge |
| GF | Pteridium esculentum | Austral Bracken |
| SC | Tetragonia implexicoma | Bower Spinach |
| SC | Galium australe | Tangled Bedstraw |

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 2: Coast Banksia Woodland - Strzelecki Ranges bioregion | |
|  | **Recruitment:**  Episodic/Fire. Desirable period between disturbances is 30 years.  **Organic Litter:**  40 % cover  **Logs:**  10 m/0.1 ha.  **Weediness:**  **LF Code Typical Weed Species Common Name Invasive Impact**  LH Senecio jacobaea Ragwort high high LH Conyza bonariensis Flaxleaf Fleabane high low MH Hypochoeris radicata Cat's Ear high low MH Centaurium erythraea Common Centaury high low LNG Holcus lanatus Yorkshire Fog high low  Published by the Victorian Government Department of Sustainability and Environment May 2004  © The State of Victoria Department of Sustainability and Environment 2004  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[**www.dse.vic.gov.au**](http://www.dse.vic.gov.au/)



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 6: Sand Heathland

###### Description:

Treeless heathland (or with occasional emergent mallee-form eucalypts and/or Banksias) occurring on deep infertile sands. Consists of a low, dense heathy shrub layer and a number of sedges and sedge-like species. Grasses and herbs are notably absent or infrequent.

|  |  |  |  |
| --- | --- | --- | --- |
| **Life Forms: Life form** | **#Spp** | **%Cover** | **LF code** |
| Medium Shrub | 7 | 55% | MS |
| Small Shrub | 4 | 10% | SS |
| Medium Herb | 3 | 5% | MH |
| Small or Prostrate Herb | 2 | 5% | SH |
| Large Tufted Graminoid | 1 | 5% | LTG |
| Large Non-tufted Graminoid | 1 | 1% | LNG |
| Medium to Small Tufted Graminoid | 2 | 5% | MTG |
| Medium to Tiny Non-tufted Graminoid | 2 | 15% | MNG |
| Ground Fern | 1 | 1% | GF |
| Bryophytes/Lichens | na | 10% | BL |
| Soil Crust | na | 10% | S/C |

|  |  |  |
| --- | --- | --- |
| **LF Code**  MS | **Species typical of at least part of EVC range**  Epacris impressa | **Common Name**  Common Heath |
| MS | Banksia marginata | Silver Banksia |
| MS | Leptospermum continentale | Prickly Tea-tree |
| MS | Leptospermum myrsinoides | Heath Tea-tree |
| SS | Dillwynia glaberrima | Smooth Parrot-pea |
| SS | Platylobium obtusangulum | Common Flat-pea |
| SS | Hibbertia fasciculata var. prostrata | Bundled Guinea-flower |
| SS | Leucopogon virgatus | Common Beard-heath |
| MH | Gonocarpus humilis | Shade Raspwort |
| MH | Drosera peltata ssp. auriculata | Tall Sundew |
| LNG | Gahnia radula | Thatch Saw-sedge |
| LTG | Xanthorrhoea minor ssp. lutea | Small Grass-tree |
| MTG | Lepidosperma concavum | Sandhill Sword-sedge |
| MNG | Hypolaena fastigiata | Tassel Rope-rush |
| MNG | Schoenus brevifolius | Zig-zag Bog-sedge |
| GF | Pteridium esculentum | Austral Bracken |

###### Recruitment:

Episodic/Fire. Desirable period between disturbances is 30 years.

###### Organic Litter:

20% cover

###### Weediness:

There are no consistent weeds in this EVC.

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 6: Sand Heathland - Strzelecki Ranges bioregion | |
|  | Published by the Victorian Government Department of Sustainability and Environment May 2004  © The State of Victoria Department of Sustainability and Environment 2004  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[**www.dse.vic.gov.au**](http://www.dse.vic.gov.au/)



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 8: Wet Heathland

###### Description:

A low, generally treeless heathland although sometimes emergent eucalypts may be present. Occurs on lower slopes, flats or depressions, which are infertile and subjected to prolonged water logging. Understorey is often dominated a range of sedges, grasses and shrubs.

|  |  |  |  |
| --- | --- | --- | --- |
| **Life Forms: Life form** | **#Spp** | **%Cover** | **LF code** |
| Medium Shrub | 6 | 40% | MS |
| Small Shrub | 3 | 5% | SS |
| Prostrate Shrub | 1 | 1% | PS |
| Medium Herb | 3 | 5% | MH |
| Small or Prostrate Herb | 2 | 5% | SH |
| Large Tufted Graminoid | 1 | 5% | LTG |
| Large Non-tufted Graminoid | 2 | 10% | LNG |
| Medium to Small Tufted Graminoid | 2 | 5% | MTG |
| Medium to Tiny Non-tufted Graminoid | 3 | 20% | MNG |
| Ground Fern | 1 | 5% | GF |
| Bryophytes/Lichens | na | 20% | BL |

|  |  |  |
| --- | --- | --- |
| **LF Code**  MS | **Species typical of at least part of EVC range**  Melaleuca squarrosa | **Common Name**  Scented Paperbark |
| MS | Leptospermum continentale | Prickly Tea-tree |
| MS | Allocasuarina paludosa | Scrub Sheoak |
| MS | Banksia marginata | Silver Banksia |
| SS | Platylobium obtusangulum | Common Flat-pea |
| SS | Hibbertia acicularis | Prickly Guinea-flower |
| SS | Dillwynia glaberrima | Smooth Parrot-pea |
| SS | Pultenaea stricta | Rigid Bush-pea |
| MH | Gonocarpus humilis | Shade Raspwort |
| MH | Gonocarpus tetragynus | Common Raspwort |
| LNG | Gahnia radula | Thatch Saw-sedge |
| MNG | Schoenus brevifolius | Zig-zag Bog-sedge |
| MNG | Schoenus lepidosperma | Slender Bog-sedge |
| MNG | Leptocarpus tenax | Slender Twine-rush |
| MNG | Baumea juncea | Bare Twig-sedge |
| SC | Cassytha glabella | Slender Dodder-laurel |

###### Recruitment:

Episodic/Fire. Desirable period between disturbances is 30 years.

###### Organic Litter:

20% cover

###### Weediness:

There are no consistent weeds in this EVC.

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 8: Wet Heathland - Strzelecki Ranges bioregion | |
|  | Published by the Victorian Government Department of Sustainability and Environment May 2004  © The State of Victoria Department of Sustainability and Environment 2004  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[**www.dse.vic.gov.au**](http://www.dse.vic.gov.au/)



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 16: Lowland Forest

###### Description:

Open forest to 25 m tall. It grows on a wide variety of geology and soils mostly on north and north westerly aspects. Characterised by an often heathy understorey with a variety of other life forms including shrubs, grasses and herbs.

|  |  |  |
| --- | --- | --- |
| **Large trees:** |  | |
| **Species**  Eucalyptus spp. | **DBH(cm)**  70 cm | **#/ha**  20 / ha |

###### Tree Canopy Cover:

|  |  |  |
| --- | --- | --- |
| **%cover** | **Character Species** | **Common Name** |
| 30% | Eucalyptus obliqua  Eucalyptus croajingolensis Eucalyptus sieberi  Eucalyptus radiata s.l. | Messmate Stringybark  Gippsland Peppermint Silvertop Ash  Narrow-leaf Peppermint |

|  |  |  |  |
| --- | --- | --- | --- |
| **Understorey: Life form** | **#Spp** | **%Cover** | **LF code** |
| Immature Canopy Tree |  | 5% | IT |
| Understorey Tree or Large Shrub | 2 | 10% | T |
| Medium Shrub | 8 | 35% | MS |
| Small Shrub | 4 | 10% | SS |
| Prostrate Shrub | 1 | 1% | PS |
| Medium Herb | 6 | 10% | MH |
| Small or Prostrate Herb | 3 | 5% | SH |
| Large Tufted Graminoid | 3 | 10% | LTG |
| Large Non-tufted Graminoid | 2 | 10% | LNG |
| Medium to Small Tufted Graminoid | 3 | 5% | MTG |
| Medium to Tiny Non-tufted Graminoid | 2 | 5% | MNG |
| Ground Fern | 2 | 15% | GF |
| Scrambler or Climber | 3 | 5% | SC |
| Bryophytes/Lichens | na | 10% | BL |

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 16: Lowland Forest - Strzelecki Ranges bioregion | |
|  | **LF Code Species typical of at least part of EVC range Common Name**  T Exocarpos cupressiformis Cherry Ballart  T Acacia melanoxylon Blackwood  MS Epacris impressa Common Heath  MS Acacia mucronata ssp. longifolia Narrow-leaf Wattle  MS Olearia lirata Snowy Daisy-bush  MS Leptospermum continentale Prickly Tea-tree  SS Amperea xiphoclada var. xiphoclada Broom Spurge  SS Pimelea humilis Common Rice-flower  SS Lomatia ilicifolia Holly Lomatia  SS Bauera rubioides Wiry Bauera  LH Pterostylis longifolia s.l. Tall Greenhood  MH Viola hederacea sensu Willis (1972) Ivy-leaf Violet  MH Gonocarpus tetragynus Common Raspwort  MH Drosera peltata Pale Sundew  SH Hydrocotyle laxiflora Stinking Pennywort  SH Opercularia varia Variable Stinkweed  LTG Xanthorrhoea minor ssp. lutea Small Grass-tree  LTG Lomandra longifolia Spiny-headed Mat-rush  LNG Tetrarrhena juncea Forest Wire-grass  LNG Gahnia radula Thatch Saw-sedge  MTG Lepidosperma laterale Variable Sword-sedge  MTG Lomandra filiformis ssp. filiformis Wattle Mat-rush  MTG Poa australis spp. agg. Tussock Grass  MTG Dianella caerulea var. caerulea Paroo Lily  MNG Microlaena stipoides var. stipoides Weeping Grass  MNG Poa tenera Slender Tussock-grass  GF Pteridium esculentum Austral Bracken  EP Muellerina eucalyptoides Creeping Mistletoe  SC Billardiera scandens Common Apple-berry  SC Clematis aristata Mountain Clematis  SC Pandorea pandorana Wonga Vine  **Recruitment:**  Continuous  **Organic Litter:**  40 % cover  **Logs:**  20 m/0.1 ha.  **Weediness:**  **LF Code Typical Weed Species Common Name Invasive Impact**  MH Hypochoeris radicata Cat's Ear high low  Published by the Victorian Government Department of Sustainability and Environment May 2004  © The State of Victoria Department of Sustainability and Environment 2004  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[**www.dse.vic.gov.au**](http://www.dse.vic.gov.au/)



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 18: Riparian Forest

###### Description:

A tall forest to 30 m tall of river banks and associated alluvial terraces with occasional occurrences in the heads of gullies leading into creeks and rivers. The soil is fertile alluvium, regularly inundated and permanently moist. Dominated by tall eucalypts but also has an open to sparse secondary tree layer of wattles and scattered dense patches of shrubs, ferns, grasses and herbs.

|  |  |  |
| --- | --- | --- |
| **Large trees:** |  | |
| **Species**  Eucalyptus spp. | **DBH(cm)**  80 cm | **#/ha**  20 / ha |

###### Tree Canopy Cover:

|  |  |  |
| --- | --- | --- |
| **%cover** | **Character Species** | **Common Name** |
| 40% | Eucalyptus obliqua  Eucalyptus viminalis ssp. viminalis Eucalyptus strzeleckii | Messmate Stringybark  Manna Gum Strzelecki Gum |

|  |  |  |  |
| --- | --- | --- | --- |
| **Understorey: Life form**  Immature Canopy Tree | **#Spp** | **%Cover**  5% | **LF code**  IT |
| Understorey Tree or Large Shrub | 4 | 20% | T |
| Medium Shrub | 8 | 20% | MS |
| Small Shrub | 1 | 1% | SS |
| Prostrate Shrub | 1 | 1% | PS |
| Large Herb | 2 | 1% | LH |
| Medium Herb | 6 | 10% | MH |
| Small or Prostrate Herb | 2 | 1% | SH |
| Large Tufted Graminoid | 3 | 10% | LTG |
| Large Non-tufted Graminoid | 2 | 5% | LNG |
| Medium to Small Tufted Graminoid | 3 | 5% | MTG |
| Medium to Tiny Non-tufted Graminoid | 1 | 5% | MNG |
| Ground Fern | 5 | 20% | GF |
| Tree Fern | 2 | 10% | TRF |
| Scrambler or Climber | 3 | 5% | SC |
| Bryophytes/Lichens | na | 20% | BL |

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 18: Riparian Forest - Strzelecki Ranges bioregion | |
|  | **LF Code Species typical of at least part of EVC range Common Name**  T Acacia dealbata Silver Wattle  T Pomaderris aspera Hazel Pomaderris  T Acacia melanoxylon Blackwood  MS Coprosma quadrifida Prickly Currant-bush  MS Prostanthera lasianthos Victorian Christmas-bush  MS Goodenia ovata Hop Goodenia  MS Olearia lirata Snowy Daisy-bush  MH Viola hederacea sensu Willis (1972) Ivy-leaf Violet  MH Acaena novae-zelandiae Bidgee-widgee  MH Hydrocotyle hirta Hairy Pennywort  MH Geranium potentilloides Cinquefoil Cranesbill  SH Oxalis corniculata s.l. Yellow Wood-sorrel  LTG Carex appressa Tall Sedge  LTG Lepidosperma elatius Tall Sword-sedge  LTG Gahnia sieberiana Red-fruit Saw-sedge  LNG Tetrarrhena juncea Forest Wire-grass  MTG Poa australis spp. agg. Tussock Grass  MTG Dianella tasmanica Tasman Flax-lily  MTG Isolepis inundata Swamp Club-sedge  MNG Poa tenera Slender Tussock-grass  MNG Microlaena stipoides var. stipoides Weeping Grass  GF Blechnum nudum Fishbone Water-fern  GF Pteridium esculentum Austral Bracken  GF Blechnum wattsii Hard Water-fern  GF Polystichum proliferum Mother Shield-fern  TRF Cyathea australis Rough Tree-fern  TRF Dicksonia antarctica Soft Tree-fern  SC Clematis aristata Mountain Clematis  **Recruitment:**  Continuous  **Organic Litter:**  50 % cover  **Logs:**  30 m/0.1 ha.  **Weediness:**  **LF Code Typical Weed Species Common Name Invasive Impact**  MS Rubus fruticosus spp. agg. Blackberry high high  MH Hypochoeris radicata Cat's Ear high low  MH Prunella vulgaris Self-heal high low  Published by the Victorian Government Department of Sustainability and Environment May 2004  © The State of Victoria Department of Sustainability and Environment 2004  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[**www.dse.vic.gov.au**](http://www.dse.vic.gov.au/)



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 23: Herb-rich Foothill Forest

###### Description:

Occurs on relatively fertile, moderately well-drained soils on an extremely wide range of geological types and in areas of moderate to high rainfall. Occupies easterly and southerly aspects mainly on lower slopes and in gullies. A medium to tall open forest or woodland to 25 m tall with a small tree layer over a sparse to dense shrub layer. A high cover and diversity of herbs and grasses in the ground layer characterise this EVC.

|  |  |  |
| --- | --- | --- |
| **Large trees:** |  | |
| **Species**  Eucalyptus spp. | **DBH(cm)**  70 cm | **#/ha**  20 / ha |

###### Tree Canopy Cover:

|  |  |  |
| --- | --- | --- |
| **%cover** | **Character Species** | **Common Name** |
| 40% | Eucalyptus obliqua  Eucalyptus cypellocarpa | Messmate Stringybark  Mountain Grey-gum |

|  |  |  |  |
| --- | --- | --- | --- |
| **Understorey: Life form** | **#Spp** | **%Cover** | **LF code** |
| Immature Canopy Tree |  | 5% | IT |
| Understorey Tree or Large Shrub | 2 | 15% | T |
| Medium Shrub | 5 | 20% | MS |
| Large Herb | 3 | 5% | LH |
| Medium Herb | 9 | 15% | MH |
| Small or Prostrate Herb | 2 | 5% | SH |
| Large Tufted Graminoid | 3 | 15% | LTG |
| Large Non-tufted Graminoid | 2 | 5% | LNG |
| Medium to Small Tufted Graminoid | 3 | 10% | MTG |
| Medium to Tiny Non-tufted Graminoid | 2 | 5% | MNG |
| Ground Fern | 2 | 10% | GF |
| Scrambler or Climber | 3 | 5% | SC |
| Bryophytes/Lichens | na | 20% | BL |

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 23: Herb-rich Foothill Forest - Strzelecki Ranges bioregion | |
|  | **LF Code Species typical of at least part of EVC range Common Name**  T Acacia melanoxylon Blackwood  MS Coprosma quadrifida Prickly Currant-bush  MS Acacia verniciflua Varnish Wattle  MS Ozothamnus ferrugineus Tree Everlasting  MS Cassinia longifolia Shiny Cassinia  LH Senecio linearifolius Fireweed Groundsel  LH Wahlenbergia gracilis s.l. Sprawling Bluebell  MH Viola hederacea sensu Willis (1972) Ivy-leaf Violet  MH Lagenophora stipitata Common Bottle-daisy  MH Acaena novae-zelandiae Bidgee-widgee  SH Oxalis corniculata s.l. Yellow Wood-sorrel  SH Galium propinquum Maori Bedstraw  SH Dichondra repens Kidney-weed  LTG Lomandra longifolia Spiny-headed Mat-rush  LTG Carex appressa Tall Sedge  LTG Poa labillardierei Common Tussock-grass  LNG Tetrarrhena juncea Forest Wire-grass  LNG Gahnia radula Thatch Saw-sedge  MTG Lomandra filiformis Wattle Mat-rush  MTG Poa sieberiana Grey Tussock-grass  MNG Microlaena stipoides var. stipoides Weeping Grass  MNG Echinopogon ovatus Common Hedgehog-grass  GF Pteridium esculentum Austral Bracken  SC Clematis aristata Mountain Clematis  SC Billardiera scandens Common Apple-berry  SC Pandorea pandorana Wonga Vine  SC Glycine clandestina Twining Glycine  **Recruitment:**  Continuous  **Organic Litter:**  40 % cover  **Logs:**  20 m/0.1 ha.  **Weediness:**  **LF Code Typical Weed Species Common Name Invasive Impact**  LH Cirsium vulgare Spear Thistle high high  MH Hypochoeris radicata Cat's Ear high low MH Centaurium erythraea Common Centaury high low  MH Plantago major Greater Plantain high low MTG Anthoxanthum odoratum Sweet Vernal-grass high high  Published by the Victorian Government Department of Sustainability and Environment May 2004  © The State of Victoria Department of Sustainability and Environment 2004  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[**www.dse.vic.gov.au**](http://www.dse.vic.gov.au/)



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 29: Damp Forest

###### Description:

Grows on a wide range of geologies on well-developed generally colluvial soils on a variety of aspects, from sea level to montane elevations. Dominated by a tall eucalypt tree layer to 30 m tall over a medium to tall dense shrub layer of broad-

leaved species typical of wet forest mixed with elements from dry forest types. The ground layer includes herbs and grasses as

well as a variety of moisture-dependent ferns.

|  |  |  |
| --- | --- | --- |
| **Large trees:** |  | |
| **Species**  Eucalyptus spp. | **DBH(cm)**  90 cm | **#/ha**  20 / ha |

###### Tree Canopy Cover:

|  |  |  |
| --- | --- | --- |
| **%cover** | **Character Species** | **Common Name** |
| 40% | Eucalyptus obliqua  Eucalyptus globulus ssp. bicostata Eucalyptus cypellocarpa | Messmate Stringybark  Eurabbie  Mountain Grey Gum |

|  |  |  |  |
| --- | --- | --- | --- |
| **Understorey: Life form** | **#Spp** | **%Cover** | **LF code** |
| Immature Canopy Tree |  | 5% | IT |
| Understorey Tree or Large Shrub | 4 | 20% | T |
| Medium Shrub | 6 | 30% | MS |
| Small Shrub | 1 | 1% | SS |
| Large Herb | 2 | 1% | LH |
| Medium Herb | 8 | 10% | MH |
| Small or Prostrate Herb | 1 | 1% | SH |
| Large Tufted Graminoid | 1 | 1% | LTG |
| Large Non-tufted Graminoid | 1 | 5% | LNG |
| Medium to Small Tufted Graminoid | 3 | 10% | MTG |
| Medium to Tiny Non-tufted Graminoid | 2 | 5% | MNG |
| Ground Fern | 3 | 10% | GF |
| Tree Fern | 1 | 5% | TRF |
| Scrambler or Climber | 3 | 5% | SC |
| Bryophytes/Lichens | na | 20% | BL |
| **LF Code**  T | **Species typical of at least part of EVC range**  Acacia melanoxylon | **Common Name**  Blackwood |
| T | Pomaderris aspera | Hazel Pomaderris |
| T | Olearia argophylla | Musk Daisy-bush |
| MS | Coprosma quadrifida | Prickly Currant-bush |
| MS | Olearia lirata | Snowy Daisy-bush |
| MS | Goodenia ovata | Hop Goodenia |
| MS | Cassinia aculeata | Common Cassinia |
| LH | Senecio linearifolius | Fireweed Groundsel |
| MH | Viola hederacea sensu Willis (1972) | Ivy-leaf Violet |
| MH | Geranium potentilloides | Cinquefoil Cranesbill |
| MH | Acaena novae-zelandiae | Bidgee-widgee |
| MH | Stellaria flaccida | Forest Starwort |
| LTG | Lomandra longifolia | Spiny-headed Mat-rush |
| LNG | Tetrarrhena juncea | Forest Wire-grass |
| MTG | Lepidosperma laterale | Variable Sword-sedge |
| MNG | Microlaena stipoides var. stipoides | Weeping Grass |
| GF | Pteridium esculentum | Austral Bracken |
| GF | Polystichum proliferum | Mother Shield-fern |
| GF | Calochlaena dubia | Common Ground-fern |
| TRF | Cyathea australis | Rough Tree-fern |
| SC | Clematis aristata | Mountain Clematis |
| SC | Pandorea pandorana | Wonga Vine |

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 29: Damp Forest - Strzelecki Ranges bioregion | |
|  | **Recruitment:**  Continuous  **Organic Litter:**  50 % cover  **Logs:**  30 m/0.1 ha.  **Weediness:**  **LF Code Typical Weed Species Common Name Invasive Impact**  MS Rubus fruticosus spp. agg. Blackberry high high LH Cirsium vulgare Spear Thistle high high  LH Senecio jacobaea Ragwort high high  MH Hypochoeris radicata Cat's Ear high low  MH Prunella vulgaris Self-heal high low  Published by the Victorian Government Department of Sustainability and Environment May 2004  © The State of Victoria Department of Sustainability and Environment 2004  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[**www.dse.vic.gov.au**](http://www.dse.vic.gov.au/)



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 30: Wet Forest

###### Description:

Grows on fertile, well-drained loamy soils on a range of geologies and elevation levels. It is largely restricted to protected sites in gullies and on southern aspects of hills and mountains where rainfall is high and cloud cover at ground level is frequent. Characterised by a tall eucalypt overstorey to 30 m tall with scattered understorey trees over a tall broad-leaved shrubby understorey and a moist, shaded, fern-rich ground layer that is usually dominated by tree-ferns.

|  |  |  |
| --- | --- | --- |
| **Large trees:** |  | |
| **Species**  Eucalyptus spp. | **DBH(cm)**  90 cm | **#/ha**  20 / ha |

###### Tree Canopy Cover:

|  |  |  |
| --- | --- | --- |
| **%cover** | **Character Species** | **Common Name** |
| 40% | Eucalyptus regnans  Eucalyptus globulus s.l.  Eucalyptus obliqua | Mountain Ash  Blue Gum  Messmate Stringybark |

|  |  |  |  |
| --- | --- | --- | --- |
| **Understorey: Life form** | **#Spp** | **%Cover** | **LF code** |
| Immature Canopy Tree |  | 5% | IT |
| Understorey Tree or Large Shrub | 4 | 30% | T |
| Medium Shrub | 3 | 15% | MS |
| Medium Herb | 3 | 5% | MH |
| Large Tufted Graminoid | 1 | 5% | LTG |
| Large Non-tufted Graminoid | 1 | 10% | LNG |
| Ground Fern | 4 | 20% | GF |
| Tree Fern | 2 | 20% | TRF |
| Epiphyte | 2 | 1% | EP |
| Scrambler or Climber | 2 | 5% | SC |
| Bryophytes/Lichens | na | 20% | BL |

|  |  |  |
| --- | --- | --- |
| **LF Code**  T | **Species typical of at least part of EVC range**  Olearia argophylla | **Common Name**  Musk Daisy-bush |
| T | Acacia dealbata | Silver Wattle |
| T | Pomaderris aspera | Hazel Pomaderris |
| T | Bedfordia arborescens | Blanket-leaf |
| MS | Coprosma quadrifida | Prickly Currant-bush |
| MS | Hedycarya angustifolia | Austral Mulberry |
| MS | Olearia lirata | Snowy Daisy-bush |
| MH | Australina pusilla ssp. muelleri | Shade Nettle |
| MH | Sambucus gaudichaudiana | White Elderberry |
| MH | Hydrocotyle hirta | Hairy Pennywort |
| MH | Viola hederacea sensu Willis (1972) | Ivy-leaf Violet |
| LTG | Lepidosperma elatius | Tall Sword-sedge |
| LNG | Tetrarrhena juncea | Forest Wire-grass |
| GF | Polystichum proliferum | Mother Shield-fern |
| GF | Grammitis billardierei | Common Finger-fern |
| GF | Asplenium bulbiferum ssp. gracillimum | Mother Spleenwort |
| GF | Pteridium esculentum | Austral Bracken |
| TRF | Cyathea australis | Rough Tree-fern |
| TRF | Dicksonia antarctica | Soft Tree-fern |
| EP | Microsorum pustulatum ssp. pustulatum | Kangaroo Fern |
| EP | Fieldia australis | Fieldia |
| SC | Clematis aristata | Mountain Clematis |
| SC | Pandorea pandorana | Wonga Vine |

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 30: Wet Forest - Strzelecki Ranges bioregion | |
|  | **Recruitment:**  Continuous  **Organic Litter:**  50 % cover  **Logs:**  30 m/0.1 ha.  **Weediness:**  **LF Code Typical Weed Species Common Name Invasive Impact**  MS Rubus fruticosus spp. agg. Blackberry high high  Published by the Victorian Government Department of Sustainability and Environment October2005  © The State of Victoria Department of Sustainability and Environment 2005  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be  directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[**www.dse.vic.gov.au**](http://www.dse.vic.gov.au/)



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 31: Cool Temperate Rainforest

###### Description:

Closed non-eucalypt forest to 25 m tall with occasional eucalypt emergents. Occurs in high rainfall areas protected from fire within Wet Forest. The understorey characterised by tree ferns and a rich epiphytic flora. The ground layer is dominated by a diversity of ground ferns.

|  |  |  |
| --- | --- | --- |
| **Large trees:** |  | |
| **Species**  Nothofagus/Atherosperma | **DBH(cm)**  70 cm | **#/ha**  20 / ha |

###### Tree Canopy Cover:

|  |  |  |
| --- | --- | --- |
| **%cover** | **Character Species** | **Common Name** |
| 50% | Nothofagus cunninghamii  Atherosperma moschatum Acacia melanoxylon | Myrtle Beech  Southern Sassafras Blackwood |

|  |  |  |  |
| --- | --- | --- | --- |
| **Understorey: Life form** | **#Spp** | **%Cover** | **LF code** |
| Immature Canopy Tree |  | 5% | IT |
| Understorey Tree or Large Shrub | 2 | 10% | T |
| Medium Shrub | 2 | 5% | MS |
| Large Herb | 2 | 5% | LH |
| Medium Herb | 2 | 5% | MH |
| Ground Fern | 6 | 15% | GF |
| Tree Fern | 3 | 40% | TRF |
| Epiphyte | 5 | 5% | EP |
| Scrambler or Climber | 2 | 1% | SC |
| Bryophytes/Lichens | na | 40% | BL |

**LF Code Species typical of at least part of EVC range Common Name**

T Olearia argophylla Musk Daisy-bush

MS Hedycarya angustifolia Austral Mulberry

LH Urtica incisa Scrub Nettle

MH Australina pusilla ssp. muelleri Shade Nettle

GF Polystichum proliferum Mother Shield-fern

GF Grammitis billardierei Common Finger-fern

GF Asplenium bulbiferum ssp. gracillimum Mother Spleenwort

GF Blechnum wattsii Hard Water-fern

TRF Dicksonia antarctica Soft Tree-fern

TRF R v Cyathea cunninghamii Slender Tree-fern

TRF v Cyathea X marcescens Skirted Tree-fern

EP Microsorum pustulatum ssp. pustulatum Kangaroo Fern

EP Fieldia australis Fieldia

EP Rumohra adiantiformis Leathery Shield-fern

EP Crepidomanes venosum Veined Bristle-fern

SC Clematis aristata Mountain Clematis

###### Recruitment:

Continuous

###### Organic Litter:

50 % cover

###### Logs:

20 m/0.1 ha.

###### Weediness:

There are no consistent weeds in this EVC.

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 31: Cool Temperate Rainforest - Strzelecki Ranges bioregion | |
|  | Published by the Victorian Government Department of Sustainability and Environment May 2004  © The State of Victoria Department of Sustainability and Environment 2004  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[**www.dse.vic.gov.au**](http://www.dse.vic.gov.au/)



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 32: Warm Temperate Rainforest

###### Description:

Closed forest to 25 m tall restricted to the lowlands where it grows on protected slopes adjacent to streams and along minor gullies. Dominated by a range of non-eucalypt canopy species above an understorey of smaller trees and shrubs and usually visually dominated by ferns and climbers.

|  |  |  |
| --- | --- | --- |
| **Large trees:** |  | |
| **Species**  Various spp. | **DBH(cm)**  70 cm | **#/ha**  20 / ha |

###### Tree Canopy Cover:

|  |  |  |
| --- | --- | --- |
| **%cover**  50% | **Character Species**  Hedycarya angustifolia | **Common Name**  Austral Mulberry |
|  | Acacia melanoxylon | Blackwood |
|  | Pomaderris aspera | Hazel Pomaderris |
|  | Pittosporum undulatum | Sweet Pittosporum |
|  | Rapanea howittiana | Muttonwood |

|  |  |  |  |
| --- | --- | --- | --- |
| **Understorey: Life form** | **#Spp** | **%Cover** | **LF code** |
| Immature Canopy Tree |  | 5% | IT |
| Understorey Tree or Large Shrub | 3 | 30% | T |
| Medium Shrub | 2 | 15% | MS |
| Large Herb | 1 | 1% | LH |
| Medium Herb | 3 | 5% | MH |
| Small or Prostrate Herb | 1 | 1% | SH |
| Large Tufted Graminoid | 2 | 5% | LTG |
| Large Non-tufted Graminoid | 1 | 1% | LNG |
| Medium to Tiny Non-tufted Graminoid | 2 | 5% | MNG |
| Ground Fern | 4 | 15% | GF |
| Tree Fern | 1 | 5% | TRF |
| Epiphyte | 1 | 1% | EP |
| Scrambler or Climber | 3 | 20% | SC |
| Bryophytes/Lichens | na | 20% | BL |

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 32: Warm Temperate Rainforest – Strzelecki Ranges bioregion | |
|  | **LF Code Species typical of at least part of EVC range Common Name**  T Olearia argophylla Musk Daisy-bush  T Prostanthera lasianthos Victorian Christmas-bush  MS Coprosma quadrifida Prickly Currant-bush  MS Olearia lirata Snowy Daisy-bush  MS Polyscias sambucifolia Elderberry Panax  LH Urtica incisa Scrub Nettle  MH Sambucus gaudichaudiana White Elderberry  MH Stellaria flaccida Forest Starwort  MH Austrocynoglossum latifolium Forest Hound's-tongue  MH Viola hederacea sensu Willis (1972) Ivy-leaf Violet  SH Hydrocotyle laxiflora Stinking Pennywort  SH Dichondra repens Kidney-weed  LTG Carex appressa Tall Sedge  LTG Lepidosperma elatius Tall Sword-sedge  LNG Tetrarrhena juncea Forest Wire-grass  MNG Echinopogon ovatus Common Hedgehog-grass  MNG Microlaena stipoides var. stipoides Weeping Grass  GF Polystichum proliferum Mother Shield-fern  GF Asplenium flabellifolium Necklace Fern  GF Pellaea falcata s.l. Sickle Fern  GF Lastreopsis acuminata Shiny Shield-fern  TRF Cyathea australis Rough Tree-fern  TRF Dicksonia antarctica Soft Tree-fern  EP Microsorum scandens Fragrant Fern  SC Pandorea pandorana Wonga Vine  SC Clematis glycinoides Forest Clematis  SC Parsonsia brownii Twining Silkpod  **Recruitment:**  Continuous  **Organic Litter:**  50 % cover  **Logs:**  20 m/0.1 ha.  **Weediness:**  **LF Code Typical Weed Species Common Name Invasive Impact**  SS Rubus fruticosus spp. agg. Blackberry high high LH Solanum nigrum sensu Willis (1972) Black Nightshade high low LH Hypericum androsaemum Tutsan high low  Published by the Victorian Government Department of Sustainability and Environment December 2004  © The State of Victoria Department of Sustainability and Environment 2004  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be  directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

**[www.dse.vic.gov.au](http://www.dse.vic.gov.au/)**



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 45: Shrubby Foothill Forest

###### Description:

Occurs on ridges and drier northerly and westerly slopes in association with Damp Forest (on sheltered slopes) on moderately fertile soils and at a range of elevations. The overstorey is a medium eucalypt forest to 25 m tall over an understorey characterised by a distinctive middle strata dominated by a diversity of narrow-leaved shrubs and a paucity of ferns, graminoids and herbs in the ground stratum.

|  |  |  |
| --- | --- | --- |
| **Large trees:** |  | |
| **Species**  Eucalyptus spp. | **DBH(cm)**  70 cm | **#/ha**  20 / ha |

###### Tree Canopy Cover:

|  |  |  |
| --- | --- | --- |
| **%cover** | **Character Species** | **Common Name** |
| 40% | Eucalyptus obliqua  Eucalyptus sieberi Eucalyptus cypellocarpa  Eucalyptus radiata s.l. | Messmate Stringybark  Silvertop Ash Mountain Grey Gum  Narrow-leaf Peppermint |

|  |  |  |  |
| --- | --- | --- | --- |
| **Understorey: Life form** | **#Spp** | **%Cover** | **LF code** |
| Immature Canopy Tree |  | 5% | IT |
| Understorey Tree or Large Shrub | 1 | 5% | T |
| Medium Shrub | 8 | 35% | MS |
| Small Shrub | 4 | 15% | SS |
| Prostrate Shrub | 1 | 5% | PS |
| Medium Herb | 3 | 5% | MH |
| Small or Prostrate Herb | 1 | 1% | SH |
| Large Tufted Graminoid | 1 | 5% | LTG |
| Large Non-tufted Graminoid | 1 | 10% | LNG |
| Medium to Small Tufted Graminoid | 2 | 5% | MTG |
| Ground Fern | 2 | 10% | GF |
| Scrambler or Climber | 1 | 1% | SC |
| Bryophytes/Lichens | na | 10% | BL |
| Soil Crust | na | 10% | S/C |
| **Total understorey projective foliage cover** |  | **90%** |  |

|  |  |  |
| --- | --- | --- |
| **LF Code**  T | **Species typical of at least part of EVC range**  Exocarpos cupressiformis | **Common Name**  Cherry Ballart |
| MS | Spyridium parvifolium | Dusty Miller |
| MS | Goodenia ovata | Hop Goodenia |
| MS | Acacia verticillata | Prickly Moses |
| MS | Acacia mucronata ssp. longifolia | Narrow-leaf Wattle |
| SS | Amperea xiphoclada var. xiphoclada | Broom Spurge |
| SS | Tetratheca ciliata | Pink-bells |
| SS | Lomatia ilicifolia | Holly Lomatia |
| SS | Platylobium formosum | Handsome Flat-pea |
| PS | Acrotriche prostrata | Trailing Ground-berry |
| MH | Viola hederacea sensu Willis (1972) | Ivy-leaf Violet |
| MH | Gonocarpus tetragynus | Common Raspwort |
| LTG | Lomandra longifolia | Spiny-headed Mat-rush |
| LNG | Tetrarrhena juncea | Forest Wire-grass |
| MTG | Poa australis spp. agg. | Tussock Grass |
| MTG | Lepidosperma laterale | Variable Sword-sedge |
| GF | Pteridium esculentum | Austral Bracken |
| SC | Billardiera scandens | Common Apple-berry |

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 45: Shrubby Foothill Forest - Strzelecki Ranges bioregion | |
|  | **Recruitment:**  Episodic/Fire. Desirable period between disturbances is 30 years.  **Organic Litter:**  40 % cover  **Logs:**  20 m/0.1 ha.  **Weediness:**  There are no consistent weeds in this EVC.  Published by the Victorian Government Department of Sustainability and Environment May 2004  © The State of Victoria Department of Sustainability and Environment 2004  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[**www.dse.vic.gov.au**](http://www.dse.vic.gov.au/)



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 48: Heathy Woodland

###### Description:

Spans a variety of geologies but is generally associated with nutrient-poor soils including deep uniform sands (aeolian or outwash) and Tertiary sand/clay which has been altered to form quartzite gravel. Eucalypt-dominated low woodland to 10 m tall lacking a secondary tree layer and generally supporting a diverse array of narrow or ericoid-leaved shrubs except where frequent fire has reduced this to a dense cover of bracken. Geophytes and annuals can be quite common but the ground cover is normally fairly sparse.

|  |  |  |
| --- | --- | --- |
| **Large trees:** |  | |
| **Species**  Eucalyptus spp. | **DBH(cm)**  50 cm | **#/ha**  15 / ha |

###### Tree Canopy Cover:

|  |  |  |
| --- | --- | --- |
| **%cover** | **Character Species** | **Common Name** |
| 10% | Eucalyptus willisii  Eucalyptus obliqua Eucalyptus radiata s.l.  Eucalyptus viminalis ssp. pryoriana | Jimmy’s Shining Peppermint  Messmate Stringybark Narrow-leaf Peppermint Rough-barked Manna Gum |

|  |  |  |  |
| --- | --- | --- | --- |
| **Understorey: Life form**  Immature Canopy Tree | **#Spp** | **%Cover**  5% | **LF code**  IT |
| Medium Shrub | 5 | 30% | MS |
| Small Shrub | 5 | 20% | SS |
| Medium Herb | 2 | 5% | MH |
| Small or Prostrate Herb | 2 | 5% | SH |
| Large Tufted Graminoid | 1 | 5% | LTG |
| Large Non-tufted Graminoid | 1 | 1% | LNG |
| Medium to Small Tufted Graminoid | 1 | 1% | MTG |
| Medium to Tiny Non-tufted Graminoid | 2 | 5% | MNG |
| Ground Fern | 1 | 5% | GF |
| Bryophytes/Lichens | na | 10% | BL |
| Soil Crust | na | 10% | S/C |
| **Total understorey projective foliage cover** |  | **75%** |  |
| **LF Code**  MS | **Species typical of at least part of EVC range**  Epacris impressa | **Common Name**  Common Heath |
| MS | Leptospermum myrsinoides | Heath Tea-tree |
| MS | Leptospermum continentale | Prickly Tea-tree |
| MS | Monotoca scoparia | Prickly Broom-heath |
| SS | Amperea xiphoclada var. xiphoclada | Broom Spurge |
| SS | Leucopogon virgatus | Common Beard-heath |
| SS | Dillwynia glaberrima | Smooth Parrot-pea |
| LTG | Gahnia sieberiana | Red-fruit Saw-sedge |
| MNG | Hypolaena fastigiata | Tassel Rope-rush |
| SC | Cassytha glabella | Slender Dodder-laurel |

**Recruitment:**

Episodic/Fire. Desirable period between disturbances is 20 years.

###### Organic Litter:

40 % cover

###### Logs:

15 m/0.1 ha.

###### Weediness:

There are no consistent weeds in this EVC.

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 48: Heathy Woodland - Strzelecki Ranges bioregion | |
|  | Published by the Victorian Government Department of Sustainability and Environment May 2004  © The State of Victoria Department of Sustainability and Environment 2004  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[**www.dse.vic.gov.au**](http://www.dse.vic.gov.au/)



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 53: Swamp Scrub

##### Description:

Closed scrub to 8 m tall at low elevations on alluvial deposits along streams or on poorly drained sites with higher nutrient availability. The vegetation characteristically lacks a eucalypt overstorey and is dominated by Swamp Paperbark Melaleuca ericifolia which often forms a dense thicket, out-competing other species. Where light penetrates to ground level, a moss/lichen/liverwort or herbaceous ground cover is often present. Dry variants have a grassy/herbaceous ground layer.

##### Tree Canopy Cover:

|  |  |  |
| --- | --- | --- |
| **%cover** | **Character Species** | **Common Name** |
| 70% | Melaleuca ericifolia | Swamp Paperbark |

|  |  |  |  |
| --- | --- | --- | --- |
| **Life forms: Life form** | **#Spp** | **%Cover** | **LF code** |
| Medium Shrub | 2 | 10% | MS |
| Small Shrub | 2 | 1% | SS |
| Large Herb | 2 | 1% | LH |
| Medium Herb | 3 | 15% | MH |
| Small or Prostrate Herb | 2 | 5% | SH |
| Large Tufted Graminoid | 2 | 10% | LTG |
| Large Non-tufted Graminoid | 3 | 10% | LNG |
| Medium to Small Tufted Graminoid | 2 | 5% | MTG |
| Medium to Tiny Non-tufted Graminoid | 2 | 15% | MNG |
| Ground Fern | 1 | 5% | GF |
| Scrambler or Climber | 1 | 1% | SC |
| Bryophytes/Lichens | na | 20% | BL |

|  |  |  |
| --- | --- | --- |
| **LF Code**  MS | **Species typical of at least part of EVC range**  Coprosma quadrifida | **Common Name**  Prickly Currant-bush |
| MS | Leptospermum continentale | Prickly Tea-tree |
| LH | Lycopus australis | Australian Gipsywort |
| LH | Lythrum salicaria | Purple Loosestrife |
| LH | Persicaria praetermissa | Spotted Knotweed |
| MH | Hydrocotyle pterocarpa | Wing Pennywort |
| MH | Stellaria angustifolia | Swamp Starwort |
| MH | Lobelia anceps | Angled Lobelia |
| SH | Crassula helmsii | Swamp Crassula |
| LTG | Juncus procerus | Tall Rush |
| LTG | Poa labillardierei | Common Tussock-grass |
| LNG | Gahnia radula | Thatch Saw-sedge |
| LNG | Phragmites australis | Common Reed |
| LNG | Baumea rubiginosa s.l. | Soft Twig-rush |
| MTG | Triglochin procerum s.l. | Water Ribbons |
| MTG | Juncus gregiflorus | Green Rush |
| MNG | Eleocharis acuta | Common Spike-sedge |
| GF | Blechnum cartilagineum | Gristle Fern |
| SC | Calystegia sepium | Large Bindweed |

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 53: Swamp Scrub - Strzelecki Ranges bioregion | |
|  | **Recruitment:**  Continuous  **Organic Litter:**  40 % cover  **Weediness:**  **LF Code Typical Weed Species Common Name Invasive Impact**  MH Hypochoeris radicata Cat's Ear low low LNG Holcus lanatus Yorkshire Fog high high  Published by the Victorian Government Department of Sustainability and Environment February 2005  © The State of Victoria Department of Sustainability and Environment 2005  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be  directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[**www.dse.vic.gov.au**](http://www.dse.vic.gov.au/)



EVC/Bioregion Benchmark for Vegetation Quality Assessment

Strzelecki Ranges bioregion

EVC 55: Plains Grassy Woodland

Description:

An open, eucalypt woodland to 15 m tall occurring on a number of geologies and soil types. Occupies poorly drained, fertile soils on flat or gently undulating plains at low elevations. The understorey consists of a few sparse shrubs over a species-rich grassy and herbaceous ground layer.

|  |  |  |
| --- | --- | --- |
| Large trees: |  | |
| Species  Eucalyptus spp. | DBH(cm)  80 cm | #/ha  10 / ha |

Tree Canopy Cover:

|  |  |  |
| --- | --- | --- |
| %cover | Character Species | Common Name |
| 20% | Eucalyptus tereticornis ssp. mediana  Eucalyptus camaldulensis | Gippsland Red-gum  River Red-gum |

|  |  |  |  |
| --- | --- | --- | --- |
| Understorey: Life form | #Spp | %Cover | LF code |
| Immature Canopy Tree |  | 5% | IT |
| Understorey Tree or Large Shrub | 1 | 5% | T |
| Medium Shrub | 2 | 10% | MS |
| Small Shrub | 1 | 1% | SS |
| Prostrate Shrub | 1 | 1% | PS |
| Large Herb | 1 | 5% | LH |
| Medium Herb | 10 | 20% | MH |
| Small or Prostrate Herb | 3 | 5% | SH |
| Large Tufted Graminoid | 2 | 5% | LTG |
| Large Non-tufted Graminoid | 1 | 10% | LNG |
| Medium to Small Tufted Graminoid | 9 | 35% | MTG |
| Medium to Tiny Non-tufted Graminoid | 2 | 10% | MNG |
| Bryophytes/Lichens | na | 10% | BL |

|  |  |  |
| --- | --- | --- |
| LF Code | Species typical of at least part of EVC range | Common Name |
| T | Allocasuarina littoralis | Black Sheoak |
| T | Acacia mearnsii | Black Wattle |
| T | Acacia melanoxylon | Blackwood |
| MS | Kunzea ericoides | Burgan |
| SS | Pimelea humilis | Common Rice-flower |
| PS | Bossiaea prostrata | Creeping Bossiaea |
| MH | Hypericum gramineum | Small St John's Wort |
| MH | Oxalis perennans | Grassland Wood-sorrel |
| SH | Dichondra repens | Kidney-weed |
| SH | Poranthera microphylla | Small Poranthera |
| LTG | Austrostipa rudis | Veined Spear-grass |
| LNG | Gahnia radula | Thatch Saw-sedge |
| MTG | Themeda triandra | Kangaroo Grass |
| MTG | Carex breviculmis | Common Grass-sedge |
| MTG | Lomandra filiformis | Wattle Mat-rush |
| MTG | Schoenus apogon | Common Bog-sedge |
| MNG | Microlaena stipoides var. stipoides | Weeping Grass |

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 55: Plains Grassy Woodland – Strzelecki Ranges bioregion | |
|  | Recruitment:  Continuous  Organic Litter:  10 % cover  Logs:  10 m/0.1 ha.  Weediness:  LF Code Typical Weed Species Common Name Invasive Impact  LH Plantago lanceolata Ribwort high low  MH Hypochoeris radicata Cat's Ear high low MH Centaurium erythraea Common Centaury high low LNG Holcus lanatus Yorkshire Fog high high MTG Anthoxanthum odoratum Sweet Vernal-grass high high MNG Romulea rosea Onion Grass high low  MNG Briza maxima Large Quaking-grass high low  MNG Briza minor Lesser Quaking-grass high low  Published by the Victorian Government Department of Sustainability and Environment November 2007  © The State of Victoria Department of Sustainability and Environment 2007  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[www.dse.vic.gov.au](http://www.dse.vic.gov.au/)



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 73: Rocky Outcrop Shrubland/Rocky Outcrop Herbland Mosaic

###### Description:

Occurs in areas of low site quality on exposed rocky outcrops where rock is a dominant landform feature, soils are shallow or virtually absent and effective rainfall is low. Shrubland to 2 m tall with occasional emergent trees interspersed with discrete shrubless areas dominated by herbs and bryophytes/lichens characterise this EVC mosaic. Commonly, the shrubland and herbland components of this mosaic cannot be separated at the site scale.

|  |  |  |  |
| --- | --- | --- | --- |
| **Life forms: Life form** | **#Spp** | **%Cover** | **LF code** |
| Medium Shrub | 7 | 25% | MS |
| Small Shrub | 3 | 10% | SS |
| Large Herb | 2 | 5% | LH |
| Medium Herb | 5 | 10% | MH |
| Small or Prostrate Herb | 2 | 5% | SH |
| Large Tufted Graminoid | 2 | 5% | LTG |
| Medium to Small Tufted Graminoid | 4 | 10% | MTG |
| Bryophytes/Lichens | na | 20% | BL |
| Soil Crust | na | 10% | S/C |

|  |  |  |
| --- | --- | --- |
| **LF Code**  MS | **Species typical of at least part of EVC range**  Kunzea ericoides | **Common Name**  Burgan |
| MS | Monotoca scoparia | Prickly Broom-heath |
| MS | Hovea pannosa s.l. | Mountain Beauty |
| MS | Brachyloma daphnoides | Daphne Heath |
| SS | Hibbertia obtusifolia | Grey Guinea-flower |
| SS | Dillwynia phylicoides | Small-leaf Parrot-pea |
| SS | Rhytidosporum procumbens | White Marianth |
| SS | Acacia gunnii | Ploughshare Wattle |
| PS | Platylobium formosum | Handsome Flat-pea |
| PS | Persoonia chamaepeuce | Dwarf Geebung |
| LH | Senecio tenuiflorus | Slender Fireweed |
| LH | Derwentia perfoliata | Digger's Speedwell |
| LH | Wahlenbergia multicaulis | Branching Bluebell |
| LH | Senecio pinnatifolius | Variable Groundsel |
| MH | Stellaria pungens | Prickly Starwort |
| MH | Helichrysum scorpioides | Button Everlasting |
| MH | Gonocarpus tetragynus | Common Raspwort |
| SH | Crassula sieberiana | Sieber Crassula |
| LTG | Lomandra longifolia | Spiny-headed Mat-rush |
| LTG | Joycea pallida | Silvertop Wallaby-grass |
| LTG | Austrodanthonia induta | Shiny Wallaby-grass |
| MTG | Poa sieberiana | Grey Tussock-grass |
| MTG | Poa labillardierei | Common Tussock-grass |
| MTG | Carex breviculmis | Short-stem Sedge |
| MTG | Austrodanthonia racemosa var. racemosa | Stiped Wallaby-grass |
| GF | Cheilanthes austrotenuifolia | Green Rock-fern |
| GF | Asplenium flabellifolium | Necklace Fern |

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 73: Rocky Outcrop Shrubland/Rocky Outcrop Herbland Mosaic - Strzelecki Ranges bioregion | |
|  | **Recruitment:**  Continuous  **Organic Litter:**  10% cover  **Logs:**  5 m/0.1 ha. (note: large log class does not apply)  **Weediness:**  **LF Code Typical Weed Species Common Name Invasive Impact**  MH Hypochoeris radicata Cat's Ear high low MNG Vulpia myuros Rat's-tail Fescue high low  Published by the Victorian Government Department of Sustainability and Environment December 2004  © The State of Victoria Department of Sustainability and Environment 2004  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be  directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

**[www.dse.vic.gov.au](http://www.dse.vic.gov.au/)**



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 83: Swampy Riparian Woodland

###### Description:

Woodland to 15 m tall generally occupying low energy streams of the foothills and plains. The lower strata are variously locally dominated by a range of large and medium shrub species on the stream levees in combination with large tussock grasses and sedges in the ground layer.

|  |  |  |
| --- | --- | --- |
| **Large trees:** |  | |
| **Species**  Eucalyptus spp. | **DBH(cm)**  70 | **#/ha**  15 / ha |

###### Tree Canopy Cover:

|  |  |  |
| --- | --- | --- |
| **%cover** | **Character Species** | **Common Name** |
| 20% | Eucalyptus ovata  Eucalyptus radiata s.l. | Swamp Gum  Narrow-leaf Peppermint |

|  |  |  |  |
| --- | --- | --- | --- |
| **Understorey: Life form**  Immature Canopy Tree | **#Spp** | **%Cover**  5% | **LF code**  IT |
| Understorey Tree or Large Shrub | 4 | 30% | T |
| Medium Shrub | 5 | 20% | MS |
| Small Shrub | 1 | 1% | SS |
| Prostrate Shrub | 1 | 1% | PS |
| Large Herb | 3 | 5% | LH |
| Medium Herb | 7 | 10% | MH |
| Small or Prostrate Herb | 3 | 5% | SH |
| Large Tufted Graminoid | 3 | 15% | LTG |
| Large Non-tufted Graminoid | 1 | 5% | LNG |
| Medium to Small Tufted Graminoid | 5 | 10% | MTG |
| Medium to Tiny Non-tufted Graminoid | 2 | 5% | MNG |
| Ground Fern | 2 | 5% | GF |
| Bryophytes/Lichens | na | 10% | BL |

|  |  |  |
| --- | --- | --- |
| **LF Code**  T | **Species typical of at least part of EVC range**  Acacia melanoxylon | **Common Name**  Blackwood |
| T | Melaleuca ericifolia | Swamp Paperbark |
| T | Leptospermum lanigerum | Woolly Tea-tree |
| MS | Leptospermum continentale | Prickly Tea-tree |
| MS | Coprosma quadrifida | Prickly Currant-bush |
| LH | Senecio minimus | Shrubby Fireweed |
| MH | Gonocarpus tetragynus | Common Raspwort |
| MH | Acaena novae-zelandiae | Bidgee-widgee |
| MH | Hydrocotyle hirta | Hairy Pennywort |
| SH | Dichondra repens | Kidney-weed |
| LTG | Carex appressa | Tall Sedge |
| LTG | Cyperus lucidus | Leafy Flat-sedge |
| LTG | Lepidosperma elatius | Tall Sword-sedge |
| LTG | Juncus procerus | Tall Rush |
| MTG | Themeda triandra | Kangaroo Grass |
| MTG | Lomandra filiformis | Wattle Mat-rush |
| MNG | Microlaena stipoides var. stipoides | Weeping Grass |
| GF | Pteridium esculentum | Austral Bracken |

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 83: Swampy Riparian Woodland - Strzelecki Ranges bioregion | |
|  | **Recruitment:**  Continuous  **Organic Litter:**  20 % cover  **Logs:**  20 m/0.1 ha.  **Weediness:**  **LF Code Typical Weed Species Common Name Invasive Impact**  LH Cirsium vulgare Spear Thistle high high LH Sonchus oleraceus Common Sow-thistle high low MH Hypochoeris radicata Cat's Ear high low  MH Prunella vulgaris Self-heal high high  LNG Holcus lanatus Yorkshire Fog high high MTG Anthoxanthum odoratum Sweet Vernal-grass high high  MTG Briza maxima Large Quaking-grass high low  Published by the Victorian Government Department of Sustainability and Environment May 2004  © The State of Victoria Department of Sustainability and Environment 2004  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[**www.dse.vic.gov.au**](http://www.dse.vic.gov.au/)



EVC/Bioregion Benchmark for Vegetation Quality Assessment

Strzelecki Ranges bioregion

EVC 151: Plains Grassy Forest

Description:

Open forest to 20 m tall often above a heathy shrub layer and a diverse grassy, sedgy and herbaceous ground layer. Occurs on lowland plains and old river terraces made up of gravelly sandy clays.

|  |  |  |
| --- | --- | --- |
| Large trees: |  | |
| Species  Eucalyptus spp. | DBH(cm)  70 cm | #/ha  20 / ha |

Tree Canopy Cover:

|  |  |  |
| --- | --- | --- |
| %cover | Character Species | Common Name |
| 30% | Eucalyptus muelleriana | Yellow Stringybark |
|  | Eucalyptus bridgesiana s.l. | But But |
|  | Eucalyptus obliqua | Messmate |
|  | Eucalyptus radiata s.l. | Narrow-leaf Peppermint |

|  |  |  |  |
| --- | --- | --- | --- |
| Understorey: Life form | #Spp | %Cover | LF code |
| Immature Canopy Tree |  | 5% | IT |
| Understorey Tree or Large Shrub | 3 | 15% | T |
| Medium Shrub | 6 | 20% | MS |
| Small Shrub | 3 | 5% | SS |
| Prostrate Shrub | 2 | 5% | PS |
| Large Herb | 3 | 5% | LH |
| Medium Herb | 6 | 10% | MH |
| Small or Prostrate Herb | 2 | 5% | SH |
| Large Tufted Graminoid | 2 | 10% | LTG |
| Large Non-tufted Graminoid | 1 | 5% | LNG |
| Medium to Small Tufted Graminoid | 4 | 15% | MTG |
| Medium to Tiny Non-tufted Graminoid | 2 | 1% | MNG |
| Ground Fern | 2 | 10% | GF |
| Bryophytes/Lichens | na | 10% | BL |

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 151: Plains Grassy Forest – Strzelecki Ranges bioregion | |
|  | LF Code Species typical of at least part of EVC range Common Name  T Acacia mearnsii Black Wattle  T Acacia implexa Lightwood  T Exocarpos cupressiformis Cherry Ballart  MS Leptospermum continentale Prickly Tea-tree  MS Banksia marginata Silver Banksia  MS Kunzea ericoides Burgan  MS Melaleuca parvistaminea Rough-barked Honey-myrtle  SS Pimelea humilis Common Rice-flower  SS Hibbertia riparia Erect Guinea-flower  SS Platylobium obtusangulum Common Flat-pea  SS Phyllanthus hirtellus Thyme Spurge  PS Acrotriche serrulata Honey-pots  PS Bossiaea prostrata Creeping Bossiaea  PS Astroloma humifusum Cranberry Heath  LH Tricoryne elatior Yellow Rush-lily  LH Wahlenbergia gracilis s.l. Sprawling Bluebell  MH Poranthera microphylla Small Poranthera  MH Hypericum gramineum Small St John's Wort  MH Hydrocotyle hirta Hairy Pennywort  MH Gonocarpus tetragynus Common Raspwort  SH Dichondra repens Kidney-weed  SH Oxalis corniculata s.l. Yellow Wood-sorrel  SH Opercularia varia Variable Stinkweed  LTG Xanthorrhoea minor ssp. lutea Small Grass-tree  LTG Lomandra longifolia Spiny-headed Mat-rush  LNG Gahnia radula Thatch Saw-sedge  MTG Themeda triandra Kangaroo Grass  MTG Poa australis spp. agg. Tussock Grass  MTG Lomandra filiformis Wattle Mat-rush  MTG Lepidosperma laterale Variable Sword-sedge  MNG Microlaena stipoides var. stipoides Weeping Grass  MNG Entolasia marginata Bordered Panic  GF Pteridium esculentum Austral Bracken  Recruitment:  Continuous  Organic Litter:  20 % cover  Logs:  20 m/0.1 ha.  Weediness:  LF Code Typical Weed Species Common Name Invasive Impact  LH Centaurium tenuiflorum Slender Centaury high low MH Hypochoeris radicata Cat's Ear high low  MH Centaurium erythraea Common Centaury high low  Published by the Victorian Government Department of Sustainability and Environment November 2007  © The State of Victoria Department of Sustainability and Environment 2007  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[www.dse.vic.gov.au](http://www.dse.vic.gov.au/)



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 161: Coastal Headland Scrub

###### Description:

Scrub or low shrubland to 2 m tall on steep, rocky coastal headlands often associated with cliffs exposed to the stresses of extreme salt-laden winds and salt spray from the south west.

|  |  |  |  |
| --- | --- | --- | --- |
| **Life forms: Life form** | **#Spp** | **%Cover** | **LF code** |
| Medium Shrub | 7 | 50% | MS |
| Small Shrub | 2 | 5% | SS |
| Large Herb | 2 | 1% | LH |
| Medium Herb | 4 | 5% | MH |
| Small or Prostrate Herb | 2 | 5% | SH |
| Large Tufted Graminoid | 1 | 1% | LTG |
| Medium to Small Tufted Graminoid | 4 | 10% | MTG |
| Medium to Tiny Non-tufted Graminoid | 2 | 5% | MNG |
| Scrambler or Climber | 2 | 5% | SC |
| Bryophytes/Lichens | na | 10% | BL |
| **Total understorey projective foliage cover** |  | **70%** |  |

|  |  |  |
| --- | --- | --- |
| **LF Code**  MS | **Species typical of at least part of EVC range**  Leptospermum laevigatum | **Common Name**  Coast Tea-tree |
| MS | Acacia longifolia ssp. sophorae | Coast Wattle |
| MS | Rhagodia candolleana ssp. candolleana | Seaberry Saltbush |
| MS | Leucopogon parviflorus | Coast Beard-heath |
| SS | Leucophyta brownii | Cushion Bush |
| SH | Dichondra repens | Kidney-weed |
| SH | Disphyma crassifolium ssp. clavellatum | Rounded Noon-flower |
| MTG | Dianella brevicaulis | Small-flower Flax-lily |
| MTG | Lachnagrostis billardierei s.l. | Coast Blown-grass |
| MTG | Poa poiformis | Coast Tussock-grass |
| MTG | Austrodanthonia caespitosa | Common Wallaby-grass |
| MNG | Ficinia nodosa | Knobby Club-sedge |
| SC | Clematis microphylla | Small-leaved Clematis |
| SC | Tetragonia implexicoma | Bower Spinach |

###### Recruitment:

Continuous

###### Organic Litter:

40 % cover

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Weediness: LF Code** | **Typical Weed Species** | **Common Name** | **Invasive** | **Impact** |
| MS  MS LH MH MTG | Chrysanthemoides monilifera  Polygala myrtifolia var. myrtifolia Sonchus oleraceus  Hypochoeris radicata  Ehrharta erecta var. erecta | Boneseed  Myrtle-leaf Milkwort Common Sow-thistle Cat's Ear  Panic Veldt-grass | high  high high high high | high  high low low high |

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 161: Coastal Headland Scrub – Strzelecki Ranges bioregion | |
|  | Published by the Victorian Government Department of Sustainability and Environment December 2004  © The State of Victoria Department of Sustainability and Environment 2004  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be  directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

**[www.dse.vic.gov.au](http://www.dse.vic.gov.au/)**



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 163: Coastal Tussock Grassland

###### Description:

A tussock grassland that may contain emergent shrubs. Occurs on exposed coastal cliffs and bluffs. Soils are saline and the strong salt-laden winds preclude tree growth.

|  |  |  |  |
| --- | --- | --- | --- |
| **Life Forms: Life form** | **#Spp** | **%Cover** | **LF code** |
| Medium Shrub | 3 | 20% | MS |
| Small Shrub | 1 | 5% | SS |
| Prostrate Shrub | 1 | 1% | PS |
| Large Herb | 2 | 5% | LH |
| Medium Herb | 5 | 10% | MH |
| Small or Prostrate Herb | 3 | 5% | SH |
| Large Tufted Graminoid | 3 | 10% | LTG |
| Medium to Small Tufted Graminoid | 4 | 25% | MTG |
| Medium to Tiny Non-tufted Graminoid | 2 | 5% | MNG |
| Bryophytes/Lichens | na | 10% | BL |
| Soil Crust | na | 10% | S/C |

|  |  |  |
| --- | --- | --- |
| **LF Code**  MS | **Species typical of at least part of EVC range**  Leucopogon parviflorus | **Common Name**  Coast Beard-heath |
| MS | Correa alba | White Correa |
| MH | Viola hederacea sensu Willis (1972) | Ivy-leaf Violet |
| MH | Samolus repens | Creeping Brookweed |
| MH | Asperula conferta | Common Woodruff |
| MH | Daucus glochidiatus | Austral Carrot |
| SH | Selliera radicans | Shiny Swamp-mat |
| LTG | Gahnia trifida | Coast Saw-sedge |
| LTG | Austrostipa stipoides | Prickly Spear-grass |
| LTG | Dichelachne crinita | Long-hair Plume-grass |
| MTG | Poa poiformis | Coast Tussock-grass |
| MTG | Schoenus apogon | Common Bog-sedge |
| MTG | Dianella revoluta s.l. | Black-anther Flax-lily |
| MTG | Lepidosperma gladiatum | Coast Sword-sedge |
| MNG | Baumea juncea | Bare Twig-sedge |

###### Recruitment:

Continuous

###### Organic Litter:

20 % cover

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Weediness: LF Code** | **Typical Weed Species** | **Common Name** | **Invasive** | **Impact** |
| LH MH  MH MH MH | Sonchus oleraceus Hypochoeris radicata  Anagallis arvensis Plantago coronopus  Leontodon taraxacoides ssp. taraxacoides | Common Sow-thistle Cat's Ear  Pimpernel  Buck's-horn Plantain Hairy Hawkbit | high high  high high high | low low  low low low |

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 163: Coastal Tussock Grassland – Strzelecki Ranges bioregion | |
|  | Published by the Victorian Government Department of Sustainability and Environment April 2004  © The State of Victoria Department of Sustainability and Environment 2004  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[**www.dse.vic.gov.au**](http://www.dse.vic.gov.au/)



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 191: Riparian Scrub

###### Description:

A dense shrubland to 6 m tall growing on waterlogged substrates often with a peaty surface horizon. Emergent eucalypts may be occasionally present. The understorey is often species-poor and consists typically of sedges tolerant of seasonal waterlogging. Occurs along creeks and minor stream tributaries of the lowland plains.

###### Canopy Cover:

|  |  |  |
| --- | --- | --- |
| **%cover** | **Character Species** | **Common Name** |
| 50% | Melaleuca squarrosa  Leptospermnum continentale | Scented Paperbark  Prickly Tea-tree |

|  |  |  |  |
| --- | --- | --- | --- |
| **Understorey: Life form** Medium Shrub | **#Spp**  3 | **%Cover**  10% | **LF code**  MS |
| Small Shrub | 1 | 1% | SS |
| Large Herb | 2 | 5% | LH |
| Medium Herb | 1 | 1% | MH |
| Small or Prostrate Herb | 1 | 1% | SH |
| Large Tufted Graminoid | 3 | 10% | LTG |
| Large Non-tufted Graminoid | 1 | 5% | LNG |
| Medium to Small Tufted Graminoid | 1 | 1% | MTG |
| Medium to Tiny Non-tufted Graminoid | 3 | 15% | MNG |
| Ground Fern | 1 | 5% | GF |
| Bryophytes/Lichens | na | 20% | BL |
| **Total understorey projective foliage cover** |  | **70%** |  |

|  |  |  |
| --- | --- | --- |
| **LF Code**  MS | **Species typical of at least part of EVC range**  Banksia marginata | **Common Name**  Silver Banksia |
| MS | Acacia verticillata | Prickly Moses |
| MS | Ozothamnus rosmarinifolius | Rosemary Everlasting |
| LH | Villarsia reniformis | Running Marsh-flower |
| LTG | Gahnia sieberiana | Red-fruit Saw-sedge |
| LTG | Gahnia clarkei | Tall Saw-sedge |
| LTG | Baloskion tetraphyllum ssp. tetraphyllum | Tassel Cord-rush |
| LNG | Lepidosperma longitudinale | Pithy Sword-sedge |
| MNG | Baumea tetragona | Square Twig-sedge |
| MNG | Schoenus brevifolius | Zig-zag Bog-sedge |
| MNG | Empodisma minus | Spreading Rope-rush |
| SC | Cassytha glabella | Slender Dodder-laurel |

**Recruitment:**

Continuous

###### Organic Litter:

40 % cover

###### Weediness:

There are no consistent weeds in this EVC.

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 191: Riparian Scrub - Strzelecki Ranges bioregion | |
|  | Published by the Victorian Government Department of Sustainability and Environment May 2004  © The State of Victoria Department of Sustainability and Environment 2004  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[**www.dse.vic.gov.au**](http://www.dse.vic.gov.au/)



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 233: Wet Sands Thicket

###### Description:

Dense, impenetrable heathy scrub to 5 m tall with occasional emergent eucalypts. Occurs on Tertiary outwash geology on deep sandy grey loams to sands.

###### Lifeforms:

|  |  |  |  |
| --- | --- | --- | --- |
| **Life form** | **#Spp** | **%Cover** | **LF code** |
| Medium Shrub | 5 | 50% | MS |
| Small Shrub | 4 | 10% | SS |
| Medium Herb | 2 | 1% | MH |
| Small or Prostrate Herb | 1 | 1% | SH |
| Large Tufted Graminoid | 1 | 5% | LTG |
| Medium to Small Tufted Graminoid | 1 | 1% | MTG |
| Medium to Tiny Non-tufted Graminoid | 1 | 1% | MNG |
| Ground Fern | 1 | 1% | GF |
| Scrambler or Climber | 1 | 1% | SC |
| Bryophytes/Lichens | na | 10% | BL |

|  |  |  |  |
| --- | --- | --- | --- |
| **LF Code**  MS |  | **Species typical of at least part of EVC range**  Acacia verticillata | **Common Name**  Prickly Moses |
| MS |  | Leptospermum continentale | Prickly Tea-tree |
| MS |  | Pimelea linifolia | Slender Rice-flower |
| MS | r | Monotoca glauca | Currant-wood |
| SS |  | Leucopogon australis | Spike Beard-heath |
| SS |  | Dillwynia glaberrima | Smooth Parrot-pea |
| SS |  | Bauera rubioides | Wiry Bauera |
| SS |  | Amperea xiphoclada var. xiphoclada | Broom Spurge |
| MH |  | Selaginella uliginosa | Swamp Selaginella |
| SH |  | Mitrasacme pilosa var. pilosa | Hairy Mitrewort |
| LTG |  | Gahnia sieberiana | Red-fruit Saw-sedge |
| MTG |  | Patersonia fragilis | Short Purple-flag |
| MNG |  | Tetrarrhena distichophylla | Hairy Rice-grass |
| GF |  | Lindsaea linearis | Screw Fern |
| SC |  | Cassytha glabella | Slender Dodder-laurel |

**Recruitment:**

Episodic/Fire. Desirable period between disturbances is 30 years.

###### Organic Litter:

40 % cover

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Weediness: LF Code** | **Typical Weed Species** | **Common Name** | **Invasive** | **Impact** |
| MS  MH MH MH LNG MTG MTG SC | Coprosma repens  Hypochoeris radicata Lotus uliginosus Centaurium erythraea Holcus lanatus  Briza minor Anthoxanthum odoratum Rubus sp. aff. armeniacus | Mirror Bush  Cat's Ear  Greater Bird's-foot Trefoil Common Centaury Yorkshire Fog  Lesser Quaking-grass Sweet Vernal-grass Blackberry | high  high high high high high high high | high  low low low low low low high |

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 233: Wet Sands Thicket - Strzelecki Ranges bioregion | |
|  | Published by the Victorian Government Department of Sustainability and Environment December 2005  © The State of Victoria Department of Sustainability and Environment 2005  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be  directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

**[www.dse.vic.gov.au](http://www.dse.vic.gov.au/)**



**EVC/Bioregion Benchmark for Vegetation Quality Assessment**

Strzelecki Ranges bioregion

EVC 793: Damp Heathy Woodland

###### Description:

Woodland to 10 m tall with tall dense heathy understorey which becomes tall scrub if long unburnt in high rainfall areas. The ground layer consists of grasses, herbs, small shrubs and tough-leaved monocots. Developed on sandy soils of moderate to low fertility, typically wet in winter due to impeding layer in soil and dry in summer.

|  |  |  |
| --- | --- | --- |
| **Large trees:** |  | |
| **Species**  Eucalyptus spp. | **DBH(cm)**  60 cm | **#/ha**  10 / ha |

###### Tree Canopy Cover:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **%cover**  15% | **Character Species**  Eucalyptus cephalocarpa s.l. |  | **Common Name**  Mealy Stringybark | |
|  | Eucalyptus radiata s.l.  Eucalyptus ovata |  | Narrow-leaf Peppermint  Swamp Gum | |
| **Understorey:** | |  |  |  |
| **Life form** | | **#Spp** | **%Cover** | **LF code** |
| Immature Canopy Tree | |  | 5% | IT |
| Medium Shrub | | 5 | 30% | MS |
| Small Shrub | | 4 | 5% | SS |
| Prostrate Shrub | | 2 | 1% | PS |
| Medium Herb | | 3 | 5% | MH |
| Small or Prostrate Herb | | 3 | 20% | SH |
| Large Tufted Graminoid | | 2 | 5% | LTG |
| Medium to Small Tufted Graminoid | | 3 | 10% | MTG |
| Medium to Tiny Non-tufted Graminoid | | 1 | 5% | MNG |
| Ground Fern | | 1 | 5% | GF |
| Bryophytes/Lichens | | na | 20% | BL |
| Soil Crust | | na | 10% | S/C |
| **LF Code** | **Species typical of at least part of EVC range** | | **Common Name** | |
| MS  MS MS MS SS SS PS MH SH LTG MTG MTG GF SC | Leptospermum continentale  Epacris impressa Banksia marginata Kunzea ericoides Hibbertia riparia Hovea heterophylla Acrotriche serrulata  Gonocarpus tetragynus  Drosera whittakeri ssp. aberrans Xanthorrhoea minor ssp. lutea  Themeda triandra Lepidosperma filiforme Pteridium esculentum Cassytha glabella | | Prickly Tea-tree  Common Heath Silver Banksia Burgan  Erect Guinea-flower Common Hovea Honey-pots Common Raspwort Scented Sundew Small Grass-tree Kangaroo Grass  Common Rapier-sedge Austral Bracken Slender Dodder-laurel | |

**Recruitment:**

Episodic/Fire. Desirable period between disturbances is 30 years.

###### Organic Litter:

20 % cover

###### Logs:

10 m/0.1 ha.

###### Weediness:

|  |  |  |  |
| --- | --- | --- | --- |
| **LF Code Typical Weed Species** | **Common Name** | **Invasive** | **Impact** |
| MH Hypochoeris radicata | Cat's Ear | high | low |

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 793: Damp Heathy Woodland – Strzelecki Ranges bioregion | |
|  | Published by the Victorian Government Department of Sustainability and Environment September 2005  © The State of Victoria Department of Sustainability and Environment 2005  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be  directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[**www.dse.vic.gov.au**](http://www.dse.vic.gov.au/)



EVC/Bioregion Benchmark for Vegetation Quality Assessment

Strzelecki Ranges bioregion

EVC 937: Swampy Woodland

Description:

Open eucalypt woodland to 15 m tall with ground-layer dominated by tussock grasses and/or sedges and often rich in herbs. Occurs on poorly drained, seasonally waterlogged heavy soils, primarily on swamp deposits but extending to suitable substrates within some landscapes of sedimentary origin.

|  |  |  |
| --- | --- | --- |
| Large trees: |  | |
| Species  Eucalyptus spp. | DBH(cm)  70 cm | #/ha  15 / ha |

Tree Canopy Cover:

|  |  |  |
| --- | --- | --- |
| %cover | Character Species | Common Name |
| 15% | Eucalyptus ovata  Eucalyptus cephalocarpa s.s.  Eucalyptus radiata s.l.  Eucalyptus obliqua | Swamp Gum  Mealy Stringybark Narrow-leaf Peppermint Messmate Stringybark |

|  |  |  |  |
| --- | --- | --- | --- |
| Understorey: Life form | #Spp | %Cover | LF code |
| Immature Canopy Tree |  | 5% | IT |
| Understorey Tree or Large Shrub | 1 | 5% | T |
| Medium Shrub | 2 | 20% | MS |
| Medium Herb | 5 | 10% | MH |
| Small or Prostrate Herb | 3 | 10% | SH |
| Large Tufted Graminoid | 4 | 30% | LTG |
| Large Non-tufted Graminoid | 2 | 10% | LNG |
| Medium to Small Tufted Graminoid | 4 | 10% | MTG |
| Bryophytes/Lichens | na | 20% | BL |

|  |  |  |
| --- | --- | --- |
| LF Code  T | Species typical of at least part of EVC range  Melaleuca ericifolia | Common Name  Swamp Paperbark |
| MS | Leptospermum continentale | Prickly Tea-tree |
| MH | Acaena novae-zelandiae | Bidgee-widgee |
| MH | Centella cordifolia | Centella |
| MH | Gratiola peruviana | Austral Brooklime |
| SH | Mazus pumilio | Swamp Mazus |
| LTG | Gahnia sieberiana | Red-fruit Saw-sedge |
| LTG | Poa labillardierei | Common Tussock-grass |
| LTG | Carex appressa | Tall Sedge |
| LNG | Gahnia radula | Thatch Saw-sedge |
| LNG | Phragmites australis | Common Reed |
| MTG | Schoenus apogon | Common Bog-sedge |
| MTG | Lepidosperma laterale | Variable Sword-sedge |
| MNG | Poa tenera | Slender Tussock-grass |
| MNG | Juncus holoschoenus | Joint-leaf Rush |

Recruitment:

Continuous

Organic Litter:

20 % cover

Logs:

15 m/0.1 ha.

Ecological Vegetation Class bioregion benchmark

|  |  |
| --- | --- |
| EVC 937: Swampy Woodland – Strzelecki Ranges bioregion | |
|  | Weediness:  LF Code Typical Weed Species Common Name Invasive Impact  MS Rubus sp. aff. armeniacus Blackberry high high  MH Hypochoeris radicata Cat's Ear high low  LNG Holcus lanatus Yorkshire Fog high high MTG Anthoxanthum odoratum Sweet Vernal-grass high high  Published by the Victorian Government Department of Sustainability and Environment November 2007  © The State of Victoria Department of Sustainability and Environment 2007  This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:   * the copyright owner is acknowledged; * no official connection is claimed; * the material is made available without charge or at cost; and * the material is not subject to inaccurate, misleading or derogatory treatment.   Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the Copyright Act 1968) should be directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.  For more information contact: Customer Service Centre, 136 186  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 of 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. |

[www.dse.vic.gov.au](http://www.dse.vic.gov.au/)