

# 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         | DBH(cm) | #/ha    |
|-----------------|---------|---------|
| Eucalyptus spp. | 70 cm   | 20 / ha |

#### Tree Canopy Cover:

| %cover | Character Species       | Common Name            |
|--------|-------------------------|------------------------|
| 40%    | Eucalyptus obliqua      | Messmate Stringybark   |
|        | Eucalyptus sieberi      | Silvertop Ash          |
|        | Eucalyptus cypellocarpa | Mountain Grey Gum      |
|        | Eucalyptus radiata s.l. | 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 | Species typical of at least part of EVC range | Common Name           |
|---------|---|-----------------------|
| T       | Exocarpos cupressiformis                      | 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      | Tetrateca 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    |

# 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.

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