

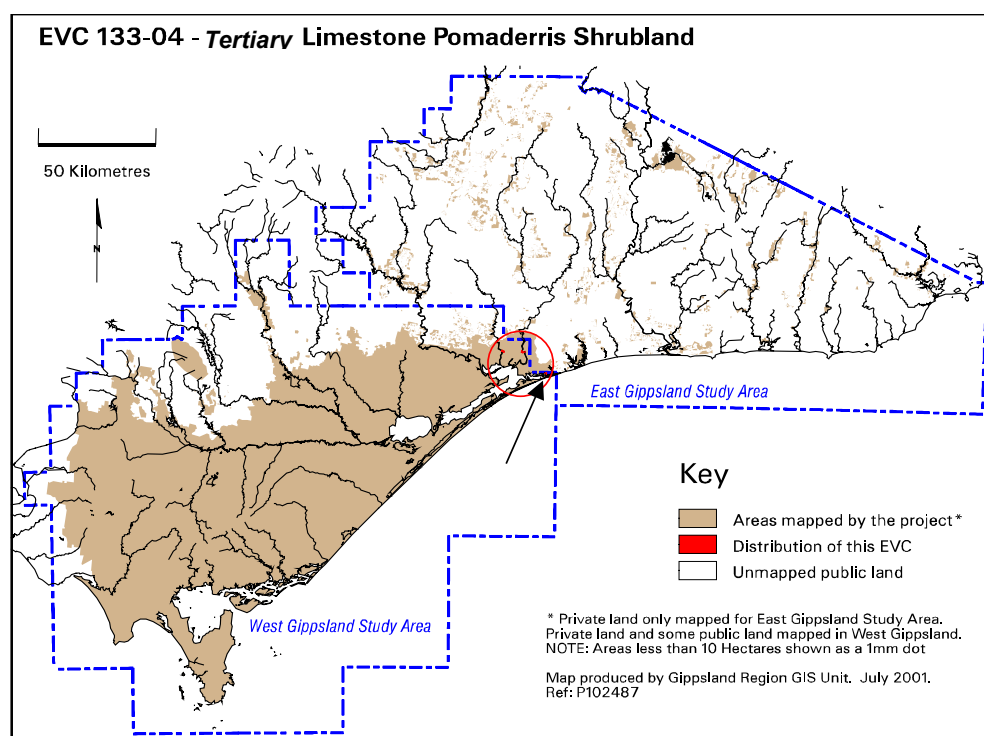
## EVC 133 Limestone Pomaderris Shrubland

A dense shrubland confined to East Gippsland on shallow soils derived from limestone. Occurs on exposed cliffs or steep slopes, often associated with rivers or lakes. A number of rare plants associated only with limestone rock types are found in this EVC.

The description below is from Woodgate, (1994).

### Floristic Community 133-04 *Tertiary* Limestone Pomaderris Shrubland

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|--|---|
| <b>Elevation (metres above sea level)</b>  | <30   |
| <b>Average rainfall p.a. (mm)</b>          | 700   |
| <b>Topography</b>                          | Localised cliffs, along major rivers, slopes along lake margins   |
| <b>Geology</b>                             | Tertiary limestones and marls   |
| <b>Soils</b>                               | Clay loam   |
| <b>Related/adjacent EVCs/FCs</b>           | <i>East Gippsland Foothills</i> Warm Temperate Rainforest, Limestone Box Forest, Coast Banksia Woodland             |
| <b>Present land use</b>                    | Agriculture, nature conservation  |
| <b>Present distribution</b>                | Tambo River, north of Swan Reach, eastern side of Maringa Creek estuary, Lake Tyers and Lake Bunga (East Gippsland) |
| <b>Examples of sites/quadrats/lists</b>    | Tambo Bluff, Tambo River (F41520, F41521)   |
| <b>Total Area (ha)/ Number of polygons</b> | 11/7  |
| <b>Group analysis no.</b>                  | Not identified by 40 group analysis; inherited from East Gippsland RFA mapping (Woodgate <i>et. al.</i> , 1994)     |



#### Vegetation: structure/floristics:

Characteristic shrubs include Coast Pomaderris *Pomaderris oraria*, Limestone Pomaderris *P. oraria* ssp. *calcicola*, Sticky Hop-bush *Dodonaea viscosa*, Common Correa *Correa reflexa*, Bootlace Bush *Pimelea axiflora* and the vulnerable Limestone Blue Wattle *Acacia caerulea*. A distinctive feature is the suite of fleshy-fruited bird-dispersed species often more typical of coastal environments. These species include Boobialla *Myoporum insulare*, Coast Beard-heath *Leucopogon parviflorus*, Sea-berry Saltbush *Rhagodia candolleana* ssp. *candolleana*, Bower Spinach *Tetragonia implexicoma* and Bridal Creeper *Asparagus asparagoides*.

The ground cover includes the forbs Kidney-weed *Dichondra repens*, Bedstraw *Galium migrans* and Grassland Wood-sorrel *Oxalis perennans*, and the grasses Common Wheat-grass *Elymus scaber* var. *scaber* and Long-leaf Wallaby-grass *Notodanthonia longifolia*. Common weeds present are Sow-thistle *Sonchus oleraceus* and Spear Thistle *Cirsium vulgare*.

**Comments:**

The structure of *Tertiary* Limestone Pomaderris Shrubland varies according to the stability of the substrate on which it grows (being closed on more stable sites and open on less stable areas). This floristic community is susceptible to environmental weed invasion resulting from adjacent agricultural development.