

## DNF *Eucalyptus nitida* Furneaux forest

### Community Description:

*Eucalyptus nitida* Furneaux forest are dry forests dominated by *E. nitida* with a shrubby and/or heathy understorey on relatively infertile substrates. On areas of low fire frequency, the trees form single trunked tall, uniform-aged stands. Multi-stemmed or mallee-form specimens dominate low forest on ridge tops and areas of higher fire frequency. Understoreys vary from closed tea tree scrub to scattered tall shrubs (*Hakea* and *Leptospermum* species, *Banksia marginata* and *Allocasuarina verticillata*) over *Xanthorrhoea australis*, with maximum diversity in recently burnt areas.

### Benchmarks:

| Component      | Height (m) | Cover (%) | DBH (cm) | Diameter (cm) | Count (#/ha) | Total Length (m/0.1 ha) |
|----------------|------------|-----------|----------|---------------|--------------|-------------------------|
| Tree Canopy    | 15         | 30        | -        | -             | -            | -                       |
| Large Trees    | -          | -         | 35       | -             | 15           | -                       |
| Logs           | -          | -         | -        | ≥ 10          | -            | 20                      |
| Large Logs     | -          | -         | -        | ≥ 17.5        | -            | -                       |
| Organic Litter | -          | 100       | -        | -             | -            | -                       |
| Recruitment    | Episodic   |           |          |               |              |                         |

| Understorey Life Forms               | LF code   | # Spp     | Cover (%) |
|--------------------------------------|-----------|-----------|-----------|
| Immature Canopy Tree                 | ICT       | 1         | 1         |
| Tree (sub-canopy)/Large Shrub        | T         | 3         | 10        |
| Medium Shrub/Small Shrub             | S         | 5         | 5         |
| Herbs and Orchids                    | H         | 6         | 1         |
| Large Sedge/Rush/Sagg/Lily           | LSR       | 3         | 60        |
| Medium to Small Sedge/Rush/Sagg/Lily | MSR       | 2         | 1         |
| Ground Ferns and fern allies         | GF        | 2         | 1         |
| Tree Fern                            | TF        | 1         | 2         |
| Scramblers/Climbers/Epiphytes        | SCE       | 1         | 1         |
| Mosses and Lichens                   | ML        | 1         | 1         |
| <b>Total</b>                         | <b>10</b> | <b>25</b> |           |

### Species lists:

| Tree Canopy Species      | Common Name        | Notes |
|--------------------------|--------------------|-------|
| <i>Eucalyptus nitida</i> | western peppermint |       |

| Typical Understorey Species *                     | Common Name             | LF Code |
|---------------------------------------------------|-------------------------|---------|
| <i>Acacia mucronata</i>                           | caterpillar wattle      | T       |
| <i>Allocasuarina verticillata</i>                 | prickly moses           | T       |
| <i>Banksia marginata</i>                          | silver banksia          | T       |
| <i>Callitris rhomboidea</i>                       | oyster bay pine         | T       |
| <i>Leptospermum glaucescens</i>                   | smoky teatree           | T       |
| <i>Leptospermum scoparium</i>                     | common teatree          | T       |
| <i>Zieria arborescens</i>                         | stinkwood               | T       |
| <i>Amperea xiphoclada</i>                         | broom spurge            | S       |
| <i>Coprosma quadrifida</i>                        | native currant          | S       |
| <i>Euryomyrtus ramosissima</i>                    | heathmyrtle             | S       |
| <i>Hakea</i> spp.                                 | needlebush              | S       |
| <i>Olearia phlogopappa</i>                        | dusty daisybush         | S       |
| <i>Pultenaea daphnoides</i> var. <i>obcordata</i> | heartleaf bushpea       | S       |
| <i>Xanthorrhoea australis</i>                     | southern grasstree      | S       |
| <i>Drosera pygmaea</i>                            | dwarf sundew            | H       |
| <i>Gonocarpus teucrioides</i>                     | forest raspwort         | H       |
| <i>Hydrocotyle hirta</i>                          | hairy pennywort         | H       |
| Orchidaceae                                       | orchids                 | H       |
| <i>Stylidium graminifolium</i>                    | narrowleaf triggerplant | H       |
| <i>Xerochrysum papillosum</i>                     | cliff everlasting       | H       |
| <i>Lepidosperma elatius</i>                       | tall swordsedg          | LSR     |
| <i>Lepidosperma</i> spp.                          | swordsedg               | LSR     |
| <i>Hypolaena fastigiata</i>                       | tassel roperush         | MSR     |
| <i>Gleichenia</i> spp.                            | coralfern               | GF      |
| <i>Hypolepis rugosula</i>                         | ruddy groundfern        | GF      |
| <i>Dicksonia antarctica</i>                       | soft treefern           | TF      |
| <i>Clematis aristata</i>                          | small-leaf clematis     | SCE     |

\*This list is provided as a guide only. The species listed are typical of this plant community type but may not necessarily be present.