

# MU 55 TABLELAND RIPARIAN SCRUB COMPLEX

## ❑ CORRESPONDING CLASSIFICATIONS

Regional: Riparian Herbfields (nearest community in Tindall *et al.* 2004)

State: Eastern Riverine Forests

Number of Sites: 3

Average number of identified native species per plot: 38

## ❑ DESCRIPTION

Found bordering the major streams in the Cox's and Gurnang areas, this is a dense community dominated by riparian shrubs like *Leptospermum* and *Hymenanthera* with a discontinuous herbaceous cover often now invaded by exotic species. The substrates are usually semi-mobile deposits of river gravel, cobbles and sands, and this limits the amount of nutrient available in the soil.



Various tree species, particularly ribbon gum (*Eucalyptus viminalis*), snow gum (*E. pauciflora*) and black sally (*E. stellulata*) may be found on the landward side of

the unit. Wattles such as some of the bipinnate *Acacias* are also not uncommon. Nearer to the streams the sites are usually dominated by aquatic or semi-aquatic species – particularly sedges and water-loving herbs – and the extent to which these occur elsewhere in the site often depends on local micro-topography.

There is no equivalent classification in Tindall *et al.* (2004) although some relationship with Riparian Herbfields can be inferred. The community is likely to form part of the Eastern Riverine Forests of Keith (2004).

## ❑ STRUCTURAL SUMMARY

Stratum	Count	AvLowHt	AvHt	maxHt	AvCover	SDcover	minCover	maxCover
E	1	5	6	6	1		1	1
T	1	2	4	4	5		5	5
M1	1	1	3	3	30		30	30
L1	1		1	1	20		20	20

## ❑ FLORISTIC SUMMARY

### Emergents and Trees

*Eucalyptus viminalis*, *Casuarina cunninghamiana*

### Low Trees and Shrubs

*Acacia dealbata*, *A. filicifolia*, *A. implexa*, *Bursaria spinosa*, *Callistemon citrinus*, *Dodonaea viscosa*, *Grevillea acanthifolia*, *Leptospermum grandifolium*, *Leptospermum myrtifolium*, *Leptospermum obovatum*, *Leptospermum polygalifolium*, *Lomatia myricoides*

### Ground Covers

*Acaena ovina*, *Austrostipa pubescens*, *Austrostipa scabra*, *Bacopa monnieri*, *Carex appressa*, *Elymus scaber*, *Epilobium billardiareanum*, *Geranium solanderi*, *Imperata cylindrica*, *Isolepis inundata*, *Juncus usitatus*, *Lomandra longifolia*, *Lythrum salicaria*, *Microlaena stipoides*, *Persicaria decipiens*, *Phragmites australis*, *Poa labillardierei*, *Poa sieberiana*, *Ranunculus lappaceus*, *Wahlenbergia communis*

## ❑ KEY IDENTIFYING FEATURES

**Easily recognisable features to assist in identifying this map unit are:**

- Presence along major, permanent streams that often have a broad bed dominated by coarse gravel.
- Dense thickets of *Leptospermum*.
- Occurrence of typically semi-aquatic species, sometimes well away from the active stream bank.
- Substrate generally loose and lacking much fine material.

## ❑ EXAMPLE LOCATIONS

Cox's River between Wallerawang and Lake Lyell; Kowmung River and major tributaries; Jenolan River downstream of the caves; Wolgan River near Mount Wolgan.



## ❑ CONDITION ASSESSMENT

Disturbance Class	Area (ha)	Proportion Extant (%)
A Low	6.06	5.09
B Medium	85.69	71.92
C High	27.39	22.99
<b>Total</b>	<b>119.14</b>	<b>100</b>

## ❑ THREATENED PLANT SPECIES

Possible: *Carex klaphakei*, *Kunzea cabbagei*

❑ **DIAGNOSTIC SPECIES**

Species Name	Group Score	Group Freq (%)	Non Group Score	Non Group Freq (%)	Fidelity Class
<i>Acacia dealbata</i>	3	100.00	2	7.49	positive
<i>Bacopa monnieri</i>	1	33.33	0	0.00	positive
<i>Carex appressa</i>	2	100.00	1	6.06	positive
<i>Epilobium billardiereanum</i>	2	66.67	2	3.27	positive
<i>Eucalyptus viminalis</i>	3	66.67	3	8.69	positive
<i>Geranium potentilloides</i>	2	66.67	2	6.06	positive
<i>Hymenanthera dentata</i>	2	66.67	2	5.58	positive
<i>Leptospermum obovatum</i>	2	66.67	3	0.87	positive
<i>Lomatia myricoides</i>	2	100.00	2	9.17	positive
<i>Lythrum salicaria</i>	2	33.33	0	0.00	positive
<i>Myriophyllum pedunculatum</i> subsp. <i>pedunculatum</i>	2	33.33	0	0.00	positive
<i>Persicaria decipiens</i>	2	66.67	2	0.15	positive
<i>Phragmites australis</i>	2	66.67	2	0.31	positive
<i>Poa labillardierei</i> var. <i>labillardierei</i>	3	100.00	2	8.45	positive
<i>Senecio diaschides</i>	2	66.67	1	1.67	positive
<i>Lomandra longifolia</i>	2	100.00	2	39.38	constant
<i>Poa sieberiana</i>	2	66.67	2	39.87	constant
<i>Lomandra filiformis</i>	2	33.33	2	36.20	negative