

MU 40 CAPERTEE SLOPES RED IRONBARK – RED STRINGYBARK – NARROW-LEAVED STRINGYBARK SHRUBBY WOODLAND

❑ CORRESPONDING CLASSIFICATIONS

Regional: No matching type in Tindall *et al.* (2004)

State: Western Slopes Dry Sclerophyll Forests

Number of Sites: 2 Average number of identified native species per plot: 28.0

❑ DESCRIPTION

Very dry, exposed escarpment slopes of the Mount Airly mesa support an open forest or woodland characterised by red ironbark (*E. fibrosa*). It is often found with stunted grey gum (*E. punctata*) and stringybarks (*E. cannonii/macrohyncha*) and occasionally with red box (*E. polyanthemos*). This community is one of a number that are found on the escarpments of the Capertee and Wolgan Valleys, however this map unit occupies the driest and most impoverished of sites. The ground cover is generally very sparse and rocky, though a moderate cover of dry sclerophyllous shrubs such as *Lissanthe strigosa* and *Pultanea microphylla*. The altitudinal range is from 300 to 800 metres above sea level, with mean annual precipitation between 640 and 850mm

The unit shows no relationship to units identified in Tindall *et al.* (2004), with the strong influence of western communities evident. The community forms part of the Western Slopes Dry Sclerophyll Forests of Keith (2004). This unit has been poorly sampled and current species presented in the attached diagnostic list are provided as a general guide only. Further sampling of this community is required in the Mount Airly area.



❑ STRUCTURAL SUMMARY

Stratum	Count	AvLowHt	AvHt	maxHt	AvCover	SDcover	minCover	maxCover
T	2	6.50	22.50	30	27.50	3.54	25.00	30.00
M1	1	1.00	5.00	5	35.00		35.00	35.00
L1	2	0.50	1.25	1.5	6.50	2.12	5.00	8.00
L2	1		0.50	0.5	2.00		2.00	2.00

❑ FLORISTIC SUMMARY

Trees

Eucalyptus dawsonii, *E. punctata*, *E. sideroxylon*

Low Trees and shrubs

Acacia buxifolia, *Acacia clandestina*, *Cassinia arcuata*, *Lissanthe strigosa*, *Olearia microphylla*, *Pultanea microphylla*

Ground Covers

Aristida vagans, *Cheilanthes distans*, *C. sieberi*, *Chrysocephalum apiculatum*, *Dianella revoluta*, *Dichelachne inaequiglumis*, *Entolasia stricta*, *Goodenia hederacea*, *Joycea pallida*, *Lepidosperma gunnii*, *L. laterale*, *Lomandra confertifolia*, *Lomandra glauca*

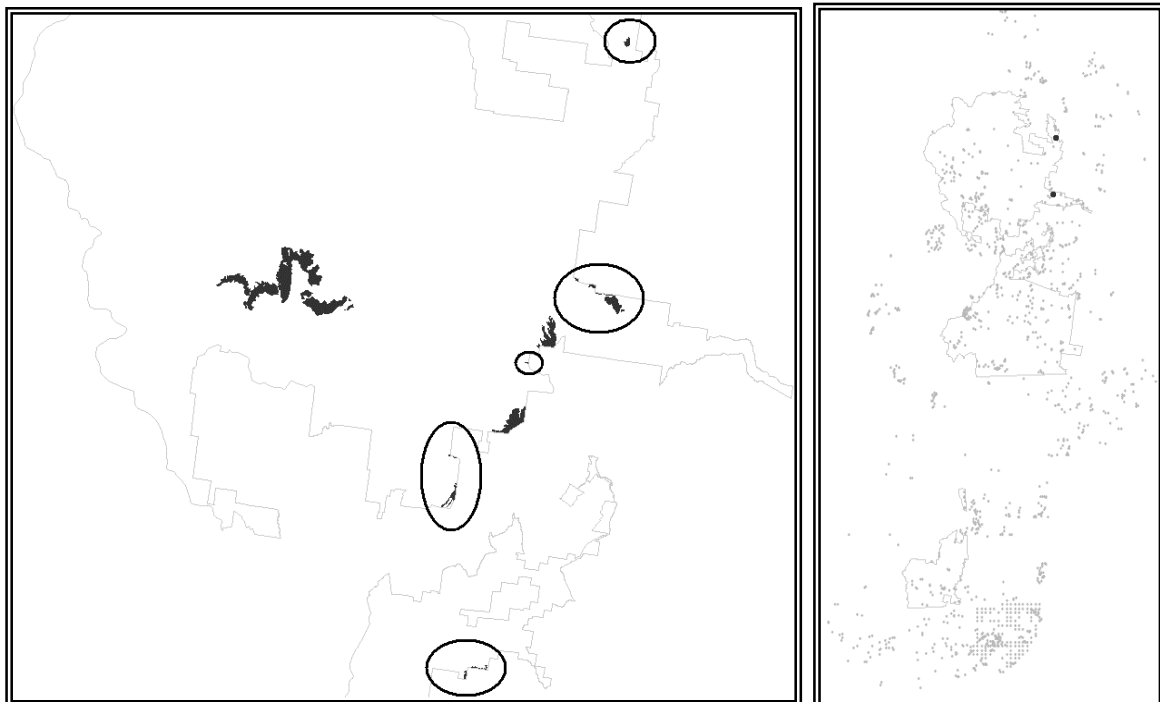
□ KEY IDENTIFYING FEATURES

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

- Presence of red ironbark and stringybarks on talus and upper slopes, usually below sandstone faces.
- Occurs higher up on the slope when above Capertee Slopes Slaty Gum – Grey Gum – Mugga Ironbark – Callitris Open Forest, into which it often intergrades.

□ EXAMPLE LOCATIONS

Capertee Valley, eastern escarpment middle and lower slopes, between Capertee Nile Creek and Glen Davis; Northern slopes of Mounts Airy and Genowlan.



□ CONDITION ASSESSMENT

Disturbance Class	Area (ha)	Proportion Extant (%)
A Low	534.07	62.44
B Medium	299.06	34.97
C High	22.15	2.59
Total	855.28	100

□ THREATENED PLANT SPECIES

Possible: *Apatophyllum constablei*, *Astrotricha crassifolia*, *Grevillea obtusiflora*, *Prostanthera cryptandroides*, *Prostanthera stricta*, *Persoonia hirsuta* *Pultenaea glabra*

❑ **DIAGNOSTIC SPECIES**

Species Name	Group Score	Group Freq (%)	Non Group Score	Non Group Freq (%)	Fidelity Class
<i>Acacia obtusifolia</i>	3	50.00	2	12.67	positive
<i>Acacia uncinata</i>	2	50.00	2	0.55	positive
<i>Allocasuarina littoralis</i>	2	50.00	1	3.66	positive
<i>Amyema pendulum</i>	3	50.00	1	4.06	positive
<i>Angophora floribunda</i>	3	50.00	2	6.77	positive
<i>Aristida jerichoensis</i> var. <i>jerichoensis</i>	2	50.00	2	2.15	positive
<i>Aristida vagans</i>	2	100.00	2	5.97	positive
<i>Cheilanthes distans</i>	2	50.00	2	4.14	positive
<i>Dianella revoluta</i>	2	100.00	2	27.81	positive
<i>Entolasia stricta</i>	2	50.00	2	18.01	positive
<i>Eucalyptus dawsonii</i>	3	50.00	3	0.87	positive
<i>Eucalyptus polyanthemos</i>	3	50.00	3	5.33	positive
<i>Eucalyptus punctata</i>	4	100.00	3	21.27	positive
<i>Eucalyptus rossii</i>	3	50.00	3	13.23	positive
<i>Eucalyptus sideroxylon</i>	3	50.00	2	0.87	positive
<i>Exocarpos strictus</i>	2	50.00	2	9.40	positive
<i>Gonocarpus tetragynus</i>	2	50.00	2	27.81	positive
<i>Hibbertia circumdans</i>	2	50.00	1	4.38	positive
<i>Joycea pallida</i>	3	50.00	2	14.26	positive
<i>Lepidosperma gunnii</i>	2	50.00	2	8.68	positive
<i>Lepidosperma laterale</i>	3	50.00	2	12.83	positive
<i>Leptospermum polyanthum</i>	3	50.00	2	1.51	positive
<i>Lissanthe strigosa</i>	2	100.00	2	13.78	positive
<i>Lomandra confertifolia</i>	2	100.00	2	11.31	positive
<i>Lomandra glauca</i>	2	50.00	2	25.26	positive
<i>Macrozamia reducta</i>	2	50.00	2	0.71	positive
<i>Microlaena stipoides</i> var. <i>stipoides</i>	2	50.00	2	26.77	positive
<i>Notodanthonia longifolia</i>	2	50.00	2	7.17	positive
<i>Olearia microphylla</i>	2	50.00	1	0.31	positive
<i>Pultenaea microphylla</i>	2	50.00	2	5.17	positive
<i>Xanthorrhoea australis</i>	2	50.00	2	3.58	positive
<i>Lomandra filiformis</i>	0	0.00	2	36.25	negative
<i>Lomandra longifolia</i>	0	0.00	2	39.60	negative
<i>Poa sieberiana</i>	0	0.00	2	40.00	negative