

## DAM *Eucalyptus amygdalina* forest on mudstone

### Community Description:

DAM is typically dominated by *E. amygdalina* with *E. viminalis* a widespread co-occurring species. The dry sclerophyll understorey is generally species-poor. DAM is strongly associated with relatively dry sites on Permian mudstone (mainly south-east Tasmania) or fine-grained sediments and metasediments of the Mathinna series in the state's north-east. Tree height is typically <30 m; sometimes higher on more humid or protected sites. On more insolated or infertile sites (e.g., parts of the Meehan Range) tree heights of <20 m are common, particularly with a history of frequent fires.

### Benchmarks:

Component	Height (m)	Cover (%)	DBH (cm)	Diameter (cm)	Count (#/ha)	Total Length (m/0.1 ha)
<b>Tree Canopy</b>	30	30	-	-	-	-
<b>Large Trees</b>	-	-	60	-	25	-
<b>Logs</b>	-	-	-	≥ 10	-	40
<b>Large Logs</b>	-	-	-	≥ 30	-	-
<b>Organic Litter</b>	-	80	-	-	-	-
<b>Recruitment</b>	Continuous					

Understorey Life Forms	LF code	# Spp	Cover (%)
Immature Canopy Tree	ICT	1	10
Tree (sub-canopy)/Large Shrub	T	2	10
Medium Shrub/Small Shrub	S	8	15
Prostrate and Mat Forming Shrubs (incl. cushion plants)	PS	4	5
Herbs and Orchids	H	6	5
Grasses	G	6	5
Large Sedge/Rush/Sagg/Lily	LSR	3	5
Medium to Small Sedge/Rush/Sagg/Lily	MSR	2	5
Ground Ferns and fern allies	GF	1	10
Scramblers/Climbers/Epiphytes	SCE	2	2
Mosses and Lichens	ML	1	5
<b>Total</b>	<b>II</b>	<b>36</b>	

### Species lists:

Tree Canopy Species	Common Name	Notes
<i>Eucalyptus amygdalina</i>	black peppermint	
<i>Eucalyptus dalrympleana</i>	mountain white gum	higher elevations
<i>Eucalyptus delegatensis</i>	gumtopped stringybark	higher elevations
<i>Eucalyptus obliqua</i>	stringybark	lower elevations
<i>Eucalyptus pauciflora</i>	cabbage gum	north-east
<i>Eucalyptus risdonii</i>	risdon peppermint	south-east
<i>Eucalyptus tenuiramis</i>	silver peppermint	south-east
<i>Eucalyptus viminalis</i>	white gum	

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Department of Natural Resources and Environment Tasmania

<https://nre.tas.gov.au/>

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Typical Understorey Species *	Common Name	LF Code
<i>Acacia dealbata</i>	silver wattle	T
<i>Allocasuarina littoralis</i>	black sheoak	T
<i>Dodonaea viscosa</i>	broadleaf hopbush	T
<i>Exocarpos cupressiformis</i>	common native-cherry	T
<i>Acacia</i> spp.	hop wattle	S
<i>Acacia myrtifolia</i>	redstem wattle	S
<i>Bossiaea obcordata</i>	spiny bossia	S
<i>Daviesia</i> spp.	bitterpea	S
<i>Epacris impressa</i>	common heath	S
<i>Hibbertia riparia</i>	erect guineaflower	S
<i>Indigofera australis</i>	native indigo	S
<i>Leucopogon virgatus</i>	twiggy beardheath	S
<i>Lissanthe strigosa</i>	peachberry heath	S
<i>Olearia</i> spp.	daisybush	S
<i>Ozothamnus obcordatus</i>	yellow everlastingbush	S
<i>Pimelea</i> spp.	riceflower	S
<i>Pultenaea</i> spp.	swamp bushpea	S
<i>Tetradlea labillardierei</i>	glandular pinkbells	S
<i>Acrotriche serrulata</i>	ants delight	PS
<i>Astroloma humifusum</i>	native cranberry	PS
<i>Bossiaea prostrata</i>	creeping bossia	PS
<i>Rhytidisporum procumbens</i>	starry appleberry	PS
<i>Acaena echinata</i>	spiny sheepsburr	H
<i>Gonocarpus tetragynus</i>	common raspwort	H
<i>Goodenia lanata</i>	trailing native-primrose	H
<i>Helichrysum scorpioides</i>	curling everlasting	H
<i>Hypericum gramineum</i>	small st johns-wort	H
<i>Oxalis perennans</i>	grassland woodsorrel	H
<i>Austrodanthonia</i> spp.	wallabygrass	G
<i>Austrostipa</i> spp.	speargrass	G
<i>Deyeuxia quadriseta</i>	reed bentgrass	G
<i>Dichelachne rara</i>	common plumegrass	G
<i>Ehrharta stipoides</i>	weeping grass	G
<i>Poa</i> spp.	tussockgrass	G
<i>Dianella</i> spp.	flaxlily	LSR
<i>Lepidosperma</i> spp.	swordsedge	LSR
<i>Lomandra longifolia</i>	sagg	LSR
<i>Juncus</i> spp.	rush	MSR
<i>Luzula</i> spp.	woodrush	MSR
<i>Pteridium esculentum</i>	bracken	GF
<i>Cassytha</i> spp.	dodderlaurel	SCE
<i>Comesperma volubile</i>	blue lovecreeper	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.