East Gippsland Lowlands bioregion

EVC 2: Coast Banksia Woodland

Description:

Restricted to near coastal localities on secondary dunes behind Coastal Dune Scrub. Usually dominated by a woodland overstorey of Saw Banksia *Banksia integrifolia* to 15 m tall over a medium shrub layer. The understorey consists of a number of herbs and sedges, including scramblers. Soils are intermediate in calcium and iron content between the foredunes where these elements are leached from the A and B soil horizons. Soils are also intermediate in organic matter between these dune systems.

Large trees: Species Banksia spp. Eucalyptus spp.		DBH(cm) 50 cm 70 cm	#/ha 10 / ha		
Tree Canopy	Cover:				
%cover 15%	Character Species Banksia integrifolia Eucalyptus botryoides		Cc	ommo bast Banl ingalay	on Name ^{ksia}
Understorey:					
Life form Immature Canopy Tree Understorey Tree or Large Shrub Medium Shrub Small Shrub Prostrate Shrub Large Herb Medium Herb Large Tufted Graminoid Medium to Small Tufted Graminoid Ground Fern Scrambler or Climber		# Sp 2 5 3 1 2 4 2 3 1 2	p %C 5% 10% 5% 5% 1% 1% 1% 5% 5% 5% 5%		LF code IT T MS SS PS LH MH LTG MTG GF SC
Bryophytes/Liche		na	20%		BL
T A MS A MS A MS A SS A SS A MH A LTG A MTG A GF A SC	Species typical of at lea Monotoca elliptica Leptospermum laevigatum Leucopogon parviflorus Alyxia buxifolia Rhagodia candolleana ssp. cando Dampiera stricta Dillwynia glaberrima Dichondra repens Lomandra longifolia Lepidosperma gladiatum Burchardia umbellata Pteridium esculentum Tetragonia implexicoma Muehlenbeckia adpressa		C range	Tree I Coast Coast Sea B Seabe Blue I Smoo Kidne Spiny Coast Milkm Austra Bowe	erry Saltbush Dampiera th Parrot-pea y-weed -headed Mat-rush Sword-sedge



Recruitment:

Episodic/Fire. Desirable period between disturbances is 30 years.

Organic Litter:

40 % cover

Logs:

10 m/0.1 ha.

Weediness:

There are no consistent weeds in this EVC.

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East Gippsland Lowlands bioregion

EVC 3: Damp Sands Herb-rich Woodland

Description:

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A low, grassy or bracken-dominated eucalypt and banksia woodland or open forest to 15 m tall with a large shrub layer and ground layer rich in herbs, grasses, and orchids. Occurs mainly on old sand flats or undulating areas on moderately fertile, relatively well-drained, deep sandy or loamy topsoils over heavier subsoils (duplex soils). The subsoil of the tertiary dune systems has concretions of humus and iron rich deposits forming a coffee rock layer.

Large trees: Species Eucalyptus spp. Banksia spp.		DBH(cm) 70 cm 50 cm	#/ha 15 / ha		
Tree Canopy	Cover:				
%cover 15%	Character Species <i>Eucalyptus viminalis</i> ssp. <i>pryo</i> <i>Banksia serrata</i> <i>Banksia integrifolia</i>	riana			i a
Understorey:					
Life form		#Sp	op 🤄	%Cover	LF code
Immature Canor	by Tree		- 5	5%	IT
Understorey Tree or Large Shrub		1	5	5%	Т
Medium Shrub		5	2	25%	MS
Small Shrub		3	5	5%	SS
Prostrate Shrub		1	1	1%	PS
Large Herb		2	5	5%	LH
Medium Herb		8	1	15%	MH
Small or Prostra	te Herb	5	1	10%	SH
Large Tufted Gra	aminoid	2	1	10%	LTG
Large Non-tuftee		1	1	1%	LNG
Medium to Smal	I Tufted Graminoid	4	1	10%	MTG
5	Non-tufted Graminoid	2	1	10%	MNG
Ground Fern		1		15%	GF
Bryophytes/Lich	ens	na	1	10%	BL



EVC 3: Damp Sands Herb-rich Woodland -East Gippsland Lowlands bioregion

LF_Code	Species typical of at least part of EVC range	Common Name
T	Acacia mearnsii	Black Wattle
MS	Epacris impressa	Common Heath
MS	Leptospermum continentale	Prickly Tea-tree
MS	Banksia marginata	Silver Banksia
MS	Leptospermum myrsinoides	Heath Tea-tree
SS	Leucopogon virgatus	Common Beard-heath
SS	Dillwynia glaberrima	Smooth Parrot-pea
SS	Amperea xiphoclada var. xiphoclada	Broom Spurge
PS	Astroloma humifusum	Cranberry Heath
MH	Gonocarpus tetragynus	Common Raspwort
MH	<i>Drosera peltata</i> ssp. <i>auriculata</i>	Tall Sundew
MH	<i>Viola hederacea</i> sensu Willis (1972)	Ivy-leaf Violet
MH	<i>Geranium solanderi</i> s.l.	Austral Cranesbill
SH	Hydrocotyle laxiflora	Stinking Pennywort
SH	Opercularia varia	Variable Stinkweed
SH	Dichondra repens	Kidney-weed
SH	Poranthera microphylla	Small Poranthera
LTG	Lomandra longifolia	Spiny-headed Mat-rush
LTG	Austrostipa mollis	Supple Spear-grass
LTG	Poa labillardierei	Common Tussock-grass
LNG	Tetrarrhena juncea	Forest Wire-grass
MTG	Lepidosperma concavum	Sandhill Sword-sedge
MTG	Dianella revoluta s.l.	Black-anther Flax-lily
MTG	Lomandra filiformis	Wattle-headed Mat-rush
MTG	Poa sieberiana	Grey Tussock-grass
MNG	Imperata cylindrica	Blady Grass
MNG	Microlaena stipoides var. stipoides	Weeping Grass
GF	Pteridium esculentum	Austral Bracken
SC	Comesperma volubile	Love Creeper
SC	Thysanotus patersonii	Climbing Fringe-lily

Recruitment:

Continuous

Organic Litter:

40 % cover

Logs:

MTG

15 m/0.1 ha.

Weediness:

LF Code **Typical Weed Species** MH Hypochoeris radicata LNG

Holcus lanatus Anthoxanthum odoratum

Common Name Cat's Ear Yorkshire Fog

Sweet Vernal Grass

Invasive high high high

Impact low high high

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East Gippsland Lowlands bioregion

EVC 4: Coastal Vine-rich Forest

Description:

Largo troos

Closed to open forest to 25 m tall. Occurs only in East Gippsland and develops at the foot of slopes (often in shallow coastal gullies) which spill out onto coastal inlets or on aeolian sands on the seaward side of coastal hills which have a damp southerly aspect. The understorey has a scattered tall shrub layer and is covered with a diverse array of rainforest lianes. The groundlayer is dominated by Bracken *Pteridium esculentum*, tussock grasses and a wide array of herbs. This EVC is the early stages of littoral rainforest colonisation or recovery following severe wildfire.

Angophora spp.70 cmAcmena spp.70 cm	
Tree Canopy Cover:	
%coverCharacter SpeciesCommon Nar40%Eucalyptus botryoides Angophora floribunda Eucalyptus gummifera Acmena smithiiSouthern Mahogar Rough-barked App Red Bloodwood Lilly Pilly	y
Understorey:	
Life form #Spp %Cover LF cc Immature Canopy Tree 5% IT	de
Understorey Tree or Large Shrub 2 10% T	
Medium Shrub 7 25% MS	
Small Shrub 3 10% SS	
Medium Herb 4 10% MH	
Small or Prostrate Herb 1 1% SH	
Large Tufted Graminoid 3 10% LTG	
Large Non-tufted Graminoid 1 1% LNG	
Medium to Small Tufted Graminoid 3 5% MTG	
Ground Fern 2 10% GF	
Tree Fern 1 1% TRF	
Scrambler or Climber 5 10% SC	
Bryophytes/Lichens na 20% BL	



EVC 4: Coastal Vine-rich Forest - East Gippsland Lowlands bioregion

of EVC range

LF Code	Species typical of at least part
T	Elaeocarpus reticulatus Acacia mearnsii
MS	Melaleuca squarrosa
MS	
MS	Platysace lanceolata Notelaea venosa
MS	Notolated Terreta
	<i>Monotoca elliptica</i> s.l.
SS	Dampiera stricta
SS	Tetratheca pilosa
SS	<i>Amperea xiphoclada</i> var. <i>xiphoclada</i>
MH	Hydrocotyle hirta
MH	Lagenophora stipitata
MH	<i>Viola hederacea</i> sensu Willis (1972)
MH	Gonocarpus teucrioides s.l.
LTG	Lomandra longifolia
LTG	Gahnia clarkei
LNG	Tetrarrhena juncea
MTG	Lepidosperma laterale
MTG	Dianella caerulea var. caerulea
GF	Pteridium esculentum
SC	Clematis glycinoides
SC	Tylophora barbata
SC	Cissus hypoglauca
SC	Eustrephus latifolius

Common Name

Blue Oliveberry Black Wattle Scented Paperbark Shrubby Platysace Large Mock-olive Tree Broom-heath Blue Dampiera Hairy Pink-bells **Broom Spurge** Hairy Pennywort Common Bottle-daisy Ivy-leaf Violet Germander Raspwort Spiny-headed Mat-rush Tall Saw-sedge Forest Wire-grass Variable Sword-sedge Paroo Lily Austral Bracken Mountain Clematis Bearded Tylophora Jungle Grape Wombat Berry

Recruitment:

Continuous

Organic Litter:

50 % cover

Logs:

20 m/0.1 ha.

Weediness:

There are no consistent weeds in this EVC.

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East Gippsland Lowlands bioregion

EVC 5: Coastal Sand Heathland

Description:

An open or closed coastal heathland less than 1 m tall dominated by a diverse shrub layer and a variable ground layer of sedges, lilies and grasses. The heathland is found on well-drained siliceous sands and is often wind-pruned due to extreme exposure to wind and salt-spray.

Life Forms:				
Life form		#Spp	%Cover	LF code
Medium Shrub		8	40%	MS
Small Shrub)	6	15%	SS
Large Herb		1	1%	LH
Medium He	rb	5	10%	MH
Large Tufte	d Graminoid	3	5%	LTG
Medium to	Small Tufted Graminoid	4	5%	MTG
Medium to	Tiny Non-tufted Graminoid	4	15%	MNG
Ground Fern		2	5%	GF
Scrambler or Climber		1	1%	SC
Bryophytes/Lichens		na	10%	BL
LF Code	Species typical of at least par	rt of EVC range	Con	nmon Name
MS	Leptospermum continentale		Prick	ly Tea-tree
MS	Allocasuarina paludosa		Scru	Sheoak
MS	Epacris impressa		Com	mon Heath
MS <i>Leptospermum laevigatum</i>			Coas	t Tea-tree
SS Dillwynia glaberrima			Smo	oth Parrot-pea
SS Dampiera stricta			Blue	Dampiera
SS	Hibbertia empetrifolia s.l.		Tang	led Guinea-flower
SS	Leucopogon collinus		Fring	ed Beard-heath
DC	Vanthasia nusilla ann ann			- Vautharia

00	Dumpiera Scheta	Blue Bullpielu
SS	Hibbertia empetrifolia s.l.	Tangled Guinea-flower
SS	Leucopogon collinus	Fringed Beard-heath
PS	<i>Xanthosia pusilla</i> spp. agg.	Heath Xanthosia
MH	Selaginella uliginosa	Swamp Selaginella
MH	Gonocarpus teucrioides s.l.	Germander Raspwort
MH	Viola hederacea sensu Willis (1972)	Ivy-leaf Violet
SH	Opercularia varia	Variable Stinkweed
LTG	Lomandra longifolia	Spiny-headed Mat-rush
LTG	Anisopogon avenaceus	Oat Spear-grass
MTG	Patersonia glabrata	Leafy Purple-flag
MTG	Themeda triandra	Kangaroo Grass
MTG	Lepidosperma concavum	Sandhill Sword-sedge
MTG	Lepidosperma filiforme	Common Rapier-sedge
MNG	Schoenus brevifolius	Zig-zag Bog-sedge
MNG	Empodisma minus	Spreading Rope-rush
MNG	Leptocarpus tenax	Slender Twine-rush
MNG	Lepidosperma neesii	Stiff Rapier-sedge
GF	Pteridium esculentum	Austral Bracken
GF	Lindsaea linearis	Screw Fern
SC	Cassytha glabella	Slender Dodder-laurel

Recruitment:

Episodic/Fire. Desirable period between disturbances is 30 years.

Organic Litter:

20% cover

Weediness:

There are no consistent weeds in this EVC.



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East Gippsland Lowlands bioregion

EVC 7: Clay Heathland

Description:

Occurs on sites with impeded drainage, often on duplex soils. Dominated by heathy shrub species with or without an eucalypt overstorey. The ground layer is dense and diverse with a variety of landforms.

⁺ woodland <u>only</u> components (ignore when assessing treeless areas and standardise final score as appropriate)

Large trees ⁺ : Species Eucalyptus spp.		DBH(cm) 40 cm	#/ha 10 / ha		
	rer ⁺ : Character Species Fucalyptus conspicua		-	Common Nan Swamp Stringyb	
Understorey:					
Life form			#Spp	%Cover	LF code
Medium Shrub			6	30%	MS
Small Shrub			7	20%	SS
Prostrate Shrub			2	1%	PS
Large Herb			2	1%	LH
Medium Herb			8	10%	MH
Small or Prostrate			2	1%	SH
Large Tufted Gram			3	5%	LTG
Medium to Small T	ufted Graminoid		4	5%	MTG
	on-tufted Graminoid		4	5%	MNG
Ground Fern			2	1%	GF
Bryophytes/Lichens	S		na	10%	BL
Soil Crust			na	10%	S/C
Total understo	rey projective foliage co	over		75%	



EVC 7: Clay Heathland - East Gippsland Lowlands bioregion

LF Code MS	Species typical of at least part of EVC range Allocasuarina paludosa	Common Scrub Sheo
MS	Leptospermum continentale	Prickly Tea
MS	Epacris impressa	Common H
MS	Hakea teretifolia ssp. hirsuta	Dagger Hal
SS	Dampiera stricta	Blue Dampi
SS	Dillwynia sericea s.l.	Showy Parr
SS	Hibbertia empetrifolia s.l.	Tangled Gu
SS	Sphaerolobium vimineum s.l.	Leafless Glo
PS	<i>Xanthosia pusilla</i> spp. agg.	Heath Xant
LH	Euphrasia collina	Purple Eyet
LH	r <i>Hybanthus vernonii</i> ssp. <i>vernonii</i>	Erect Violet
MH	Gonocarpus teucrioides s.l.	Germander
MH	Drosera peltata ssp. auriculata	Tall Sundev
MH	Helichrysum scorpioides	Button Eve
SH	Opercularia varia	Variable Sti
SH	Drosera pygmaea	Tiny Sunde
LTG	Anisopogon avenaceus	Oat Spear-
LTG	Xanthorrhoea resinosa	Spear Gras
LTG	Deyeuxia quadriseta	Reed Bent-
MTG	Themeda triandra	Kangaroo G
MTG	Patersonia sericea	Silky Purple
MTG	Lomandra filiformis	Wattle Mat-
MTG	Patersonia glabrata	Leafy Purpl
MNG	Schoenus brevifolius	Zig-zag Bog
MNG	Lepidosperma neesii	Stiff Rapier
MNG	Entolasia marginata	Bordered P
MNG	Schoenus lepidosperma	Slender Bog
GF	Lindsaea linearis	Screw Fern
SC	Cassytha glabella	Slender Do

n Name

eoak a-tree Heath akea niera rrot-pea Guinea-flower lobe-pea nthosia ebright et er Raspwort ew erlasting tinkweed ew -grass ss-tree -grass Grass le-flag t-rush ble-flag og-sedge er-sedge Panic og-sedge odder-laurel

Recruitment:

Episodic/Fire. Desirable period between disturbances is 30 years.

Organic Litter:

20% Cover

Weediness:

There are no consistent weeds in this EVC.

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East Gippsland Lowlands Bioregion

EVC 7_61: Treed Clay Heathland

Description:

SS

SS

SS

PS

LH

LH

ΜН

MH

MH

SH

Occurs on sites with impeded drainage, often on duplex soils. Dominated by heathy shrub species with or without an eucalypt overstorey. The ground layer is dense and diverse with a variety of lifeforms.

Large Trees:					
Species	DBH(cm)		#/ha		
Eucalyptus sp	0.	40 cm		10 / ha	
Tree Canopy	Cover:				
%cover	Character Species			Common Name	
10%	Eucalyptus conspicua			Silver Swa	mp Stringybark
Understorey:					
Lifeform		;	#Spp	%Cover	LF Code
Medium Shrub	1	(6	30%	MS
Small Shrub			7	20%	SS
Prostrate Shru	b	:	2	1%	PS
Large Herb		:	2	1%	LH
Medium Herb		:	8	10%	MH
Small or Prostrate Herb		:	2	1%	SH
Large Tufted Graminoid		:	3	5%	LTG
Medium to Sm	all Tufted Graminoid		4	5%	MTG
Medium to Ting	y Non-Tufted Graminoid		4	5%	MNG
Ground Fern		:	2	1%	GF
Bryophytes/Lic	hens			10%	BL
Soil Crust				10%	S/C
LF Code	Species typical o	f at least part of	EVC ra	nge	Common Name
MS	Allocasuarina paludosa	а			Scrub Sheoak
MS	Epacris impressa				Common Heath
MS	Hakea teretifolia subsp	o. hirsuta			Dagger Hakea
MS	Leptospermum contine	entale			Prickly Tea-tree
SS	Dampiera stricta				Blue Dampiera



Showy Parrot-pea

Leafless Globe-pea

Heath Xanthosia

Purple Eyebright Erect Violet

Germander Raspwort

Button Everlasting

Tall Sundew

Tiny Sundew

Tangled Guinea-flower

r

Dillwynia sericea

Euphrasia collina

Drosera pygmaea

Hibbertia empetrifolia s.l.

Sphaerolobium vimineum s.l.

Hybanthus vernonii subsp. vernonii

Drosera peltata subsp. auriculata

Xanthosia pusilla spp. agg.

Gonocarpus teucrioides s.l.

Helichrysum scorpioides

EVC 7_61: Treed Clay Heathland

LF Code	Species typical of at least part of EVC range
SH	Opercularia varia
LTG	Anisopogon avenaceus
LTG	Deyeuxia quadriseta
LTG	Xanthorrhoea resinosa
MTG	Lomandra filiformis
MTG	Patersonia glabrata
MTG	Patersonia sericea
MTG	Themeda triandra
MNG	Entolasia marginata
MNG	Lepidosperma neesii
MNG	Schoenus brevifolius
MNG	Schoenus lepidosperma
GF	Lindsaea linearis

Common Name

Variable Stinkweed Oat Spear-grass **Reed Bent-grass** Spear Grass-tree Wattle Mat-rush Leafy Purple-flag Silky Purple-flag Kangaroo Grass Bordered Panic Stiff Rapier-sedge Zig-zag Bog-sedge Slender Bog-sedge Screw Fern

Recruitment:

Episodic/Fire. Desirable period between disturbances is 30 years.

Organic Litter:

20 % cover

Logs:

5 m/0.1ha. (note: large log class does not apply).

Weediness: There are no consistent weeds in this EVC

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East Gippsland Lowlands bioregion

EVC 8: Wet Heathland

Description:

A low, generally treeless heathland although sometimes emergent eucalypts may be present. Occurs on lower slopes, flats or depressions, which are infertile and subjected to prolonged water logging. Understorey is often dominated by a range of sedges, grasses and shrubs.

Life Forms:				
Life form		#Spp	%Cover	LF code
Medium Shr	ub	7	40%	MS
Small Shrub		4	5%	SS
Prostrate Sh	nrub	1	1%	PS
Large Herb		1	1%	LH
Medium Her	ъ	4	5%	MH
Large Tufted Graminoid		2	15%	LTG
Medium to Small Tufted Graminoid		3	5%	MTG
Medium to Tiny Non-tufted Graminoid		5	10%	MNG
Ground Ferr	1	1	1%	GF
Scrambler o	r Climber	1	1%	SC
Bryophytes/Lichens		na	20%	BL
LF Code	Species typical of at least p	art of EVC range	Com	nmon Name
MS	Leptospermum continentale		Prick	ly Tea-tree
MS	Epacris impressa		Com	mon Heath
MC	E		DI 1	

MS	Leptospermum continentale	Prickly Tea-tree
MS	Epacris impressa	Common Heath
MS	Epacris obtusifolia	Blunt-leaf Heath
MS	Comesperma ericinum	Heath Milkwort
SS	Dampiera stricta	Blue Dampiera
SS	Dillwynia glaberrima	Smooth Parrot-pea
PS	Xanthosia dissecta s.l.	Cut-leaf Xanthosia
MH	Selaginella uliginosa	Swamp Selaginella
MH	Drosera peltata ssp. auriculata	Tall Sundew
MH	Gonocarpus teucrioides s.l.	Germander Raspwort
LTG	Xanthorrhoea resinosa	Spear Grass-tree
MTG	Eurychorda complanata	Flat Cord-rush
MTG	Stylidium graminifolium s.l.	Grass Trigger-plant
MTG	Patersonia fragilis	Short Purple-flag
MTG	Burchardia umbellata	Milkmaids
MNG	Leptocarpus tenax	Slender Twine-rush
MNG	Empodisma minus	Spreading Rope-rush
MNG	Schoenus brevifolius	Zig-zag Bog-sedge
MNG	Schoenus lepidosperma	Slender Bog-sedge
GF	Lindsaea linearis	Screw Fern
SC	Cassytha glabella	Slender Dodder-laurel

Recruitment:

Episodic/Fire. Desirable period between disturbances is 30 years.

Organic Litter:

20% cover

Weediness:

There are no consistent weeds in this EVC.



EVC 8: Wet Heathland - East Gippsland Lowlands bioregion

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East Gippsland Lowlands bioregion

EVC 9: Coastal Saltmarsh

Description:

Occurs on and immediately above marine and estuarine tidal flats and contains distinct floristic communities as bands or zones in the same location, depending on the positioning of the various floristic communities in relation to the saline environment. Consists of a range of life forms including succulent herbs, low succulent shrubs, rushes and sedges.

Life Forms:			
Life form	#Spp	%Cover	LF code
Medium Shrub	3	10%	MS
Small Shrub	2	1%	SS
Prostrate Shrub	1	1%	PS
Medium Herb	4	20%	MH
Small or Prostrate Herb	1	5%	SH
Large Tufted Graminoid	1	1%	LTG
Large Non-tufted Graminoid	2	10%	LNG
Medium to Small Tufted Graminoid	2	5%	MTG
Medium to Tiny Non-tufted Graminoid	1	15%	MNG
Scrambler or Climber	1	1%	SC
Soil Crust	na	10 %	S/C
Total understorey projective foliage cover		75%	

LF Code	Species typical of at least part of EVC range
PS	Wilsonia backhousei
MH	Sarcocornia quinqueflora
MH	Samolus repens
SH	Selliera radicans
LNG	Juncus kraussii ssp. australiensis

Common Name

Narrow-leaf Wilsonia Beaded Glasswort Creeping Brookweed Shiny Swamp-mat Sea Rush Bare Twig-sedge

Recruitment:

MNG

Continuous

Organic Litter:

10% cover

Weediness:

There are no consistent weeds in this EVC.

Baumea juncea



EVC 9: Coastal Saltmarsh - East Gippsland Lowlands bioregion

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East Gippsland Lowlands bioregion

EVC 10: Estuarine Wetland

Description:

Grows on anaerobic peat-rich muds on the edges of estuarine waterbodies such as creeks, rivers and lagoons with intermediate salinity conditions. Vegetation is determined by fluctuating salinity, which varies in time from occasionally fresh to brackish or occasionally saline according to river flood and marine tide events. Dominated by graminoids and halophytic herbs and often fringed by a tall scrub layer of Swamp Paperbark *Melaleuca ericifolia* at the landward edge.

Life Forms:			
Life form	#Spp	%Cover	LF code
Medium Shrub	1	10%	MS
Small Shrub	2	5%	SS
Large Herb	2	5%	LH
Medium Herb	6	15%	MH
Small or Prostrate Herb	2	10%	SH
Large Tufted Graminoid	2	10%	LTG
Large Non-tufted Graminoid	1	5%	LNG
Medium to Small Tufted Graminoid	2	5%	MTG
Medium to Tiny Non-tufted Graminoid	3	20%	MNG
Ground Fern	1	5%	GF
Scrambler or Climber	1	1%	SC
Total understorey projective foliage cover		85%	

LF Code	Species typical of at least part of EVC range	Common Name
MS	Melaleuca ericifolia	Swamp Paperbark
MH	Samolus repens	Creeping Brookweed
MH	Hydrocotyle hirta	Hairy Pennywort
SH	Selliera radicans	Shiny Swamp-mat
LTG	Lomandra longifolia	Spiny-headed Mat-rush
LTG	Juncus pallidus	Pale Rush
LNG	Juncus kraussii ssp. australiensis	Sea Rush
MNG	Ficinia nodosa	Knobby Club-sedge
MNG	Distichlis distichophylla	Australian Salt-grass
GF	Pteridium esculentum	Austral Bracken

Recruitment:

Episodic/Flood: desirable period of disturbance is every five years

Organic Litter:

10% cover

Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
LH	Cirsium vulgare	Spear Thistle	high	high
LH	Sonchus oleraceus	Common Sow-thistle	high	low
MH	Hypochoeris radicata	Cat's Ear	high	low
MH	Plantago coronopus	Buck's-horn Plantain	high	high
MH	Cotula coronopifolia	Water Buttons	high	high



EVC 10: Estuarine Wetland - East Gippsland Lowlands bioregion

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EVC/Bioregion Benchmark for Vegetation Quality Assessment East Gippsland Lowlands bioregion

EVC 11: Coastal Lagoon Wetland

Description:

Occupies the margins of coastal freshwater lagoons that have formed behind the coastal dune barrier and the adjacent hills. It has several zones dependent upon water depth and persistence of inundation. Within the lagoon itself where exposure is rare, the vegetation is dominated by graminoids whereas on the lagoon margin a tall scrub layer is common.

Life Forms:			
Life form	#Spp	%Cover	LF code
Medium Shrub	5	15%	MS
Small Shrub	2	1%	SS
Large Herb	1	1%	LH
Medium Herb	2	5%	MH
Small or Prostrate Herb	1	1%	SH
Large Tufted Graminoid	2	10%	LTG
Large Non-tufted Graminoid	2	15%	LNG
Medium to Small Tufted Graminoid	1	1%	MTG
Medium to Tiny Non-tufted Graminoid	2	5%	MNG
Ground Fern	1	5%	GF
Scrambler or Climber	1	1%	SC
Bryophytes/Lichens	na	10%	BL
Total understorey projective foliage cover		60%	

LF Code	Species typical of at least part of EVC range	Common Name
MS	Leptospermum glabrescens s.l.	Smooth Tea-tree
MS	Leptospermum continentale	Prickly Tea-tree
MS	Melaleuca squarrosa	Scented Paperbark
MS	Melaleuca ericifolia	Swamp Paperbark
MH	Gonocarpus tetragynus	Common Raspwort
LTG	Triglochin procerum s.l.	Water Ribbons
LTG	Carex appressa	Tall Sedge
LNG	Phragmites australis	Common Reed
LNG	Lepidosperma longitudinale	Pithy Sword-sedge
MNG	Baumea tetragona	Square Twig-sedge
SC	Cassytha glabella	Slender Dodder-laurel

Recruitment:

Continuous

Organic Litter:

20% cover

Weediness:

There are no consistent weeds in this EVC.



EVC 11: Coastal Lagoon Wetland - East Gippsland Lowlands bioregion

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East Gippsland Lowlands bioregion

EVC 12: Wet Swale Herbland

Description:

Occupies seasonally inundated dune swales often forming between the coastal dune barrier and hinterland hills. Soils are predominantly deep peats often with aeolian sand lenses where species typical of drier environments may grow. This EVC typically consists of a range of amphibious rushes, sedges and herbs.

Medium to Tin Ground Fern Scrambler or C	Graminoid red Graminoid all Tufted Graminoid y Non-tufted Graminoid	#Spp 1 1 7 3 2 1 4 4 1 2	%Cover 1% 15% 5% 1% 10% 25% 5% 1% 10% 25% 1% 10% 5% 1% 10% 25% 5% 1% 70%	LF code SS LH MH SH LTG LNG MNG GF SC
LF Code LH MH MH SH SH SH LTG LNG MTG MTG MTG MTG MTG MTG MTG MTG MTG MT	Species typical of at least part of Villarsia reniformis Potamogeton tricarinatus s.l. Myriophyllum simulans Viola hederacea sensu Willis (1972) Veronica plebeia Dichondra repens Hydrocotyle sibthorpioides Asperula subsimplex Lomandra longifolia Eleocharis sphacelata Lepidosperma concavum Isolepis fluitans Lachnagrostis filiformis Triglochin procerum s.l. Imperata cylindrica Hemarthria uncinata var. uncinata Microlaena stipoides var. stipoides Pseudoraphis paradoxa Ficinia nodosa Pteridium esculentum Billardiera scandens Glycine clandestina	EVC range	Runn Floati Amph Ivy-le Trailii Kidne Shinii Wate Spiny Tall S Sandl Floati Comr Wate Blady Mat C Weep Slend Knob Austr Comr	ing Marsh-flower ng Pondweed nibious Water-milfoil af Violet ng Speedwell cy-weed ng Pennywort r Woodruff r-headed Mat-rush spike-sedge hill Sword-sedge ng Club-sedge non Blown-grass r Ribbons c Grass Grass Grass bing Grass ler Mud-grass by Club-sedge al Bracken non Apple-berry ng Glycine

Recruitment:

Episodic/Flood: desirable period of disturbance is every five years

Organic Litter:

10% cover

Weediness:

LF Code MH MH

Typical Weed Species Hypochoeris radicata Leontodon taraxacoides ssp. taraxacoides

Common Name Cat's Ear Hairy Hawkbit

Invasive high high

Impact low low



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East Gippsland Lowlands bioregion

EVC 13: Brackish Sedgeland

Description:

Sedgeland dominated by moisture-dependent sedges with a grassy or herbaceous ground-layer. Sedges present are usually indicative of saline sites, but ground-layer is depauperate with few if any true halophytic species.

Life Forms: Life form	#Spp	%Cover	LF code
Large Herb	1	1%	LH
Medium Herb	2	5%	MH
Small or Prostrate Herb	2	1%	SH
Medium to Tiny Non-tufted Graminoid	2	55%	MNG
Total understorey projective foliage cover		60%	

LF Code	Species typical of at least part of EVC range	Common Name
LH	Villarsia exaltata	Erect Marsh-flower
LH	Villarsia reniformis	Running Marsh-flower
MH	Samolus repens	Creeping Brookweed
MH	Lobelia anceps	Angled Lobelia
SH	Selliera radicans	Shiny Swamp-mat
MNG	Leptocarpus tenax	Slender Twine-rush
MNG	Hemarthria uncinata var. uncinata	Mat Grass
MNG	Baumea juncea	Bare Twig-sedge

Recruitment:

Continuous

Organic Litter:

ŇA

Weediness:

There are no consistent weeds in this EVC.



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East Gippsland Lowlands bioregion

EVC 14: Banksia Woodland

Description:

Open scrub to open woodland to 10 m tall on well-drained Quaternary and Tertiary sandy soils. The overstorey is dominated by Saw Banksia *Banksia serrata*, sometimes with emergent eucalypts while the understorey is shrub-rich.

Large trees: Species Banksia serra	ta	``	#/ha .5 / ha	
Tree Canopy %cover	Cover: Character Species Banksia serrata		Commo Saw Bank	on Name
Understorey:		#C		
Life form Immature Car	nopy Tree	#Spp	%Cover 5%	LF code IT
	ree or Large Shrub	1	5%	Т
Medium Shrut	5	10	25%	MS
Small Shrub		7	15%	SS
Large Herb		1	1%	LH
Medium Herb		5	10%	MH
Small or Prost	rate Herb	1	1%	SH
Large Tufted	Graminoid	3	10%	LTG
Large Non-tuf	ted Graminoid	1	5%	LNG
Medium to Sn	nall Tufted Graminoid	5	10%	MTG
Medium to Tir	ny Non-tufted Graminoid	2	5%	MNG
Ground Fern		2	10%	GF
Scrambler or	Climber	3	1%	SC
Bryophytes/Li	chens	na	10%	BL



EVC 14: Banksia Woodland - East Gippsland Lowlands bioregion

LF Code	Species typical of at least part of EVC range
MS	Epacris impressa
MS	Leptospermum continentale
MS	Acacia terminalis
MS	Acacia suaveolens
SS	Dampiera stricta
SS	Amperea xiphoclada var. xiphoclada
SS	Tetratheca pilosa
SS	Dillwynia glaberrima
MH	Gonocarpus teucrioides s.l.
MH	Selaginella uliginosa
MH	Drosera peltata ssp. auriculata
LTG	Lomandra longifolia
LTG	Xanthorrhoea resinosa
LTG	Gahnia clarkei
LNG	Tetrarrhena juncea
MTG	Dianella caerulea var. caerulea
MTG	Patersonia glabrata
MTG	Lepidosperma laterale
MTG	Burchardia umbellata
MNG	Empodisma minus
GF	Pteridium esculentum
GF	Lindsaea linearis
SC	Cassytha glabella
SC	Cassytha phaeolasia
SC	Billardiera scandens

Common Name Common Heath Prickly Tea-tree Sunshine Wattle Sweet Wattle Blue Dampiera Broom Spurge Hairy Pink-bells Smooth Parrot-pea Germander Raspwort Swamp Selaginella Tall Sundew Spiny-headed Mat-rush Spear Grass-tree Tall Saw-sedge Forest Wire-grass Paroo Lily Leafy Purple-flag Variable Sword-sedge Milkmaids Spreading Rope-rush Austral Bracken Screw Fern Slender Dodder-laurel Rusty Dodder-laurel Common Apple-berry

Recruitment:

Episodic/Fire. Desirable period between disturbances is 30 years.

Organic Litter:

40 % cover

Logs:

15 m/0.1 ha.

Weediness:

There are no consistent weeds in this EVC.

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East Gippsland Lowlands bioregion

EVC 15: Limestone Box Forest

Description:

Occurs on generally well developed terra rossa soils derived from Tertiary limestones that outcrop around coastal streams, gullies and lakes. Open eucalypt forest to 20 m tall with a tall shrub layer understorey and a grass and herb-rich ground layer on sheltered aspects but may be almost completely bare on drier aspects.

Large trees: Species		DBH(cm)	#/ha		
Eucalyptus spp		70 cm	20 / ha		
Tree Canopy (Cover:				
%cover 30%	Character Species Eucalyptus botryoides Eucalyptus baueriana Eucalyptus bosistoana Eucalyptus tricapra		Common Name Southern Mahogany Blue Box Coast Grey Box Red Ironbark		Mahogany y Box
Understorey:					
Life form	-	#Sp		%Cover	LF code
Immature Canopy Tree		2		5%	IT
Understorey Tree or Large Shrub		3		15%	T
Medium Shrub		5		15%	MS
Small Shrub		1		1%	SS
Large Herb		2		1%	LH
Medium Herb	ata Llank	8		10%	MH
Small or Prostr		3		5%	SH
Large Tufted G		2		5%	LTG
Large Non-tuft		2		5%	LNG
Medium to Small Tufted Graminoid		4		5% 5%	MTG MNG
	y Non-tufted Graminoid	3			
Ground Fern		3		15%	GF
Scrambler or C		6		10%	SC
Bryophytes/Lic	nens	na		10%	BL



EVC 15: Limestone Box Forest - East Gippsland Lowlands bioregion

LF Code	Species typical of at least part of EVC range	Common Name
Т	Rapanea howittiana	Mutton-wood
Т	Pomaderris aspera	Hazel Pomaderris
MS	Olearia lirata	Snowy Daisy-bush
MS	Coprosma quadrifida	Prickly Currant-bush
MS	Melaleuca ericifolia	Swamp Paperbark
MS	Cassinia longifolia	Shiny Cassinia
MH	Viola hederacea sensu Willis (1972)	Ivy-leaf Violet
MH	Solanum prinophyllum	Forest Nightshade
MH	Geranium potentilloides	Cinquefoil Cranesbill
MH	Veronica calycina	Hairy Speedwell
SH	Dichondra repens	Kidney-weed
SH	Oxalis corniculata s.l.	Yellow Wood-sorrel
SH	Desmodium gunnii	Southern Tick-trefoil
LTG	Lomandra longifolia	Spiny-headed Mat-rush
LTG	Gahnia melanocarpa	Black-fruit Saw-sedge
LNG	Gahnia radula	Thatch Saw-sedge
MTG	Lepidosperma laterale	Variable Sword-sedge
MTG	Schoenus apogon	Common Bog-sedge
MTG	<i>Dianella caerulea</i> var. <i>caerulea</i>	Paroo Lily
MTG	Dianella tasmanica	Tasman Flax-lily
MNG	Microlaena stipoides var. stipoides	Weeping Grass
MNG	Oplismenus hirtellus	Australian Basket-grass
MNG	Poa tenera	Slender Tussock-grass
MNG	Echinopogon ovatus	Common Hedgehog-grass
GF	Pteridium esculentum	Austral Bracken
GF	Calochlaena dubia	Common Ground-fern
GF	<i>Pellaea falcata</i> s.l.	Sickle Fern
GF	Adiantum aethiopicum	Common Maidenhair
SC	Tylophora barbata	Bearded Tylophora
SC	Eustrephus latifolius	Wombat Berry
SC	Glycine clandestina	Twining Glycine
SC	Clematis glycinoides var. glycinoides	Forest Clematis

Recruitment:

Continuous

Organic Litter:

20 % cover

Logs:

15 m/0.1 ha.

Weediness:

LF Code **Typical Weed Species** LH Cirsium vulgare MH Hypochoeris radicata MH Cerastium glomeratum s.l.

Common Name Spear Thistle Cat's Ear Common Mouse-ear Chickweed

Invasive high high high

Impact

high

low

low

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East Gippsland Lowlands bioregion

EVC 16: Lowland Forest

Description:

Eucalypt forest to 25 m tall on relatively fertile, moderately well-drained soils in areas of relatively high rainfall. Characterised by the diversity of life forms and species in the understorey including a range of shrubs, grasses and herbs.

Large trees: Species Eucalyptus spp.		DBH(cm) 70 cm		/ha / ha	
Tree Canopy Co	ver:				
%cover 30%	Character Species <i>Eucalyptus sieberi</i> <i>Eucalyptus globoidea</i> <i>Eucalyptus consideniana</i>			Common Name Silvertop Ash White Stringybark Yertchuk	
Understorey:					
Life form			#Spp	%Cover	LF code
Immature Canop				5%	IT
Understorey Tree	e or Large Shrub		2	10%	Т
Medium Shrub			10	30%	MS
Small Shrub			6	15%	SS
Prostrate Shrub			2	5%	PS
Large Herb			1	1%	LH
Medium Herb			6	10%	MH
Large Tufted Gra	minoid		2	10%	LTG
Large Non-tufted	Graminoid		1	5%	LNG
Medium to Small Tufted Graminoid			6	10%	MTG
Medium to Tiny N	Ion-tufted Graminoid		2	5%	MNG
Ground Fern			3	10%	GF
Scrambler or Clin	nber		3	5%	SC
Bryophytes/Liche	ns		na	10%	BL



EVC 16: Lowland Forest - East Gippsland Lowlands bioregion

LF Code	Species typical of at least part of EVC range	Common N
T	Acacia melanoxylon	Blackwood
Т	Exocarpos cupressiformis	Cherry Ballart
MS	Epacris impressa	Common Heat
MS	Persoonia linearis	Narrow-leaf G
MS	Acacia myrtifolia	Myrtle Wattle
MS	Acacia terminalis	Sunshine Watt
SS	Tetratheca pilosa	Hairy Pink-bell
SS	Hibbertia empetrifolia s.l.	Tangled Guine
SS	Dampiera stricta	Blue Dampiera
SS	Amperea xiphoclada var. xiphoclada	Broom Spurge
MH	Gonocarpus teucrioides s.l.	Germander Ra
MH	Viola hederacea sensu Willis (1972)	Ivy-leaf Violet
MH	Scaevola ramosissima	Hairy Fan-flow
MH	Opercularia aspera	Coarse Stinkw
LTG	Lomandra longifolia	Spiny-headed
LTG	Xanthorrhoea minor ssp. lutea	Small Grass-tr
LTG	Gahnia sieberiana	Red-fruit Saw-
LNG	Tetrarrhena juncea	Forest Wire-gr
MTG	Joycea pallida	Silvertop Walla
MTG	Dianella caerulea var. caerulea	Paroo Lily
MTG	Lepidosperma laterale	Variable Swore
MTG	Patersonia glabrata	Leafy Purple-fl
MTG	Hierochloe rariflora	Cane Holy-gra
GF	Pteridium esculentum	Austral Bracke
GF	Lindsaea linearis	Screw Fern
SC	Cassytha phaeolasia	Rusty Dodder-
SC	Cassytha glabella	Slender Dodde
SC	Billardiera scandens	Common Appl

Name

ath Geebung ttle ells nea-flower ra e Raspwort wer weed l Mat-rush tree v-sedge irass llaby-grass rd-sedge flag ass en r-laurel ler-laurel le-berry

Recruitment:

Continuous

Organic Litter:

40 % cover

Logs:

20 m/0.1 ha.

Weediness:

There are no consistent weeds in this EVC.

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East Gippsland Lowlands bioregion

EVC 18: Riparian Forest

Description:

Large trees:

A tall forest along river banks and associated alluvial terraces with occasional occurrences in the heads of gullies leading into creeks and rivers. The soil is fertile alluvium, regularly inundated and permanently moist. Dominated by tall eucalypts to 30 m tall, but also has an open to sparse secondary tree layer of wattles and scattered dense patches of shrubs, ferns, grasses and herbs.

Species Eucalyptus spp.		DBH(cm) 80 cm	#/ha 20 / ha		
Tree Canopy Cover: %cover Character Species					n Name
40%	Eucalyptus cypellocarpa Eucalyptus croajingaolensis Eucalyptus viminalis Eucalyptus elata				
Understorey:					
Life form	T	#S		%Cover	LF code
Immature Cano	ee or Large Shrub	4		5% 15%	IT T
Medium Shrub		4		25%	MS
Small Shrub		2		2370 5%	SS
Prostrate Shrub		1		1%	PS
Large Herb		2		1%	LH
Medium Herb		7		10%	MH
Small or Prostra	ite Herb	2		1%	SH
Large Tufted Gr	raminoid	4		10%	LTG
Large Non-tufte		1		5%	LNG
Medium to Sma	ll Tufted Graminoid	4		5%	MTG
Medium to Tiny	Non-tufted Graminoid	2		5%	MNG
Ground Fern		5		15%	GF
Tree Fern		1		5%	TRF
Scrambler or Cl		7		15%	SC
Bryophytes/Lich	iens	na		20%	BL



EVC 18: Riparian Forest - East Gippsland Lowlands bioregion

		0
LF Code	Species typical of at least part of EVC range	Common Name
T	Pomaderris aspera	Hazel Pomaderris
Ţ	Elaeocarpus reticulatus	Blue Oliveberry
Т	Tristaniopsis laurina	Kanooka
MS	Notelaea venosa	Large Mock-olive
MS	Coprosma quadrifida	Prickly Currant-bush
MS	Prostanthera lasianthos	Victorian Christmas-bush
MS	Goodenia ovata	Hop Goodenia
MH	<i>Viola hederacea</i> sensu Willis (1972)	Ivy-leaf Violet
MH	<i>Gonocarpus teucrioides</i> s.l.	Germander Raspwort
MH	Lagenophora stipitata	Common Bottle-daisy
MH	Opercularia aspera	Coarse Stinkweed
SH	Dichondra repens	Kidney-weed
LTG	Lomandra longifolia	Spiny-headed Mat-rush
LTG	Gahnia clarkei	Tall Saw-sedge
LTG	Gahnia melanocarpa	Black-fruit Saw-sedge
LNG	Tetrarrhena juncea	Forest Wire-grass
MTG	Lepidosperma laterale	Variable Sword-sedge
MTG	Dianella caerulea var. caerulea	Paroo Lily
MTG	Dianella tasmanica	Tasman Flax-lily
MTG	Hierochloe rariflora	Cane Holy-grass
MNG	<i>Microlaena stipoides</i> var. <i>stipoides</i>	Weeping Grass
GF	Pteridium esculentum	Austral Bracken
GF	Adiantum aethiopicum	Common Maidenhair
GF	Blechnum cartilagineum	Gristle Fern
GF	Calochlaena dubia	Common Ground-fern
TRF	Cyathea australis	Rough Tree-fern
EP	Hymenophyllum cupressiforme	Common Filmy Fern
SC	Tylophora barbata	Bearded Tylophora
SC	Śmilax australis	Austral Sarsaparilla
SC	Billardiera scandens	Common Apple-berry
SC	Eustrephus latifolius	Wombat Berry
Recruitment: Continuous		

Organic Litter:

50 % cover

Logs:

30 m/0.1 ha.

Weediness:

LF Code MH

Typical Weed Species Hypochoeris radicata

Common Name Cat's Ear

Invasive high

Impact low

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East Gippsland Lowlands bioregion

EVC 19: Riparian Shrubland

Description:

Diverse, medium to tall shrubland to 8 m tall occurring on rocky substrates of major streams and banks and channels of rocky creeks and along perennial streams in gorge tracts. Able to withstand frequent flooding or regenerate rapidly after such disturbance and often forming dense thickets along the stream's edge during long periods without flooding. Trees may be irregularly scattered throughout but tend to be restricted to the banks of the rivers and creeks. Sedges and rushes common to riparian environments dominate the understorey as well as an array of herbs and grasses including many ephemeral species which survive on the bare sands or in rock crevice.

Canopy Cove	r:				
%cover	Character Species	cter Species Common Name			
30%	Acacia mearnsii		Black Wattle		
	Acacia falciformis		Large-leaf Hickory-wattle		
	Pomaderris aspera		Hazel Pon	naderris	
Understorey:					
Life form		#Spp	%Cover	LF code	
Medium Shrut	1	6	25%	MS	
Large Herb		6	5%	LH	
Medium Herb		9	10%	MH	
Small or Prost	rate Herb	3	5%	SH	
Large Tufted		3	5%	LTG	
5	nall Tufted Graminoid	2	10%	MTG	
	Non-tufted Graminoid	2	1%	MNG	
Ground Fern	,	2	1%	GF	
Scrambler or	Climber	2	1%	SC	
Bryophytes/Li		na	20%	BL	
	rstorey projective foliage cover		75%		
		6 - 10 - 0			
LF Code	Species typical of at least part	of EVC range		nmon Name	
MS	Kunzea ericoides		Burga		
MS	Cassinia longifolia		,	/ Cassinia	
MS	Philotheca myoporoides		5	-leaf Wax-flower	
	Beyeria lasiocarpa			aby-bush	
SS	Olearia iodochroa			t Daisy-bush	
LH	Stypandra glauca			ling Blue-lily	
LH	Xerochrysum bracteatum			en Everlasting	
LH	Myriophyllum verrucosum			Water-milfoil	
MH MH	Solanum prinophyllum Veronica plebeia		Fores	st Nightshade ng Speedwell	
MH	Hydrocotyle hirta			Pennywort	
SH	Oxalis corniculata s.l.			w Wood-sorrel	
SH	Dichondra repens			ey-weed	
SH	Hydrocotyle sibthorpioides			ng Pennywort	
SH	Crassula sieberiana			er Crassula	
LTG	Lepidosperma urophorum			d Rapier-sedge	
LTG	Lomandra longifolia			-headed Mat-rush	
LTG	Eragrostis parviflora		Weer	ping Love-grass	
LTG	Cyperus lucidus			/ Flat-sedge	
LNG	Schoenoplectus tabernaemontani			Club-sedge	
MTG	Poa australis spp. agg.			ock Grass	
MTG	Lomandra filiformis		Watt	le Mat-rush	
MTG	Lachnagrostis filiformis		Comr	mon Blown-grass	
MNG	Cyperus sphaeroideus		Globe	e Kyllinga	
MNG	Éleocharis acuta			mon Spike-sedge	
MNG	Luzula campestris spp. agg.		Field	Woodrush	
GF	Cheilanthes austrotenuifolia		Gree	n Rock-fern	
GF	Asplenium flabellifolium		Neck	lace Fern	
GF	Pellaea falcata s.l.			e Fern	
SC	Clematis microphylla		Smal	I-leaved Clematis	
SC	Pandorea pandorana		Wong	ga Vine	



Recruitment:

Episodic/flood - desirable period between flood events is 5 years.

Organic Litter:

20% cover

Logs:

10 m/0.1 ha (note: large log class does not apply)

Weediness:				
LF Code	Typical Weed Species	Common Name	Invasive	Impact
MS	Rosa rubiginosa	Sweet Briar	low	high
MS	Rubus fruticosus spp. agg.	Blackberry	high	high
LH	Conium maculatum	Hemlock	high	high
LH	Conyza bonariensis	Flaxleaf Fleabane	high	low
LH	Carduus tenuiflorus	Winged Thistle	high	low
LH	Sonchus asper s.l.	Rough Sow-thistle	high	low
LH	Plantago lanceolata	Ribwort	high	low
LH	Rumex crispus	Curled Dock	high	low
MH	Hypochoeris radicata	Cat's Ear	high	low
MH	Prunella vulgaris	Self-heal	high	low
MH	Trifolium arvense var. arvense	Hare's-foot Clover	high	low
MH	Anagallis arvensis	Pimpernel	high	low
MH	Euphorbia peplus	Petty Spurge	high	low
MH	Silene gallica	French Catchfly	high	low
MH	Petrorhagia nanteuilii	Childling Pink	high	low
MH	Gamochaeta purpurea s.l.	Purple Cudweed	high	low
MH	Centaurium erythraea	Common Centaury	high	low
SH	Modiola caroliniana	Red-flower Mallow	high	low
LNG	Holcus lanatus	Yorkshire Fog	high	high
MTG	Cyperus eragrostis	Drain Flat-sedge	high	high
MTG	Bromus catharticus	Prairie Grass	high	low
MTG	Vulpia bromoides	Squirrel-tail Fescue	high	low
MTG	Bromus hordeaceus ssp. hordeaceus	Soft Brome	high	low
MTG	Bromus diandrus	Great Brome	high	low
MNG	Aira caryophyllea	Silvery Hair-grass	high	low
SC	Vinca major	Blue Periwinkle	high	high

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East Gippsland Lowlands bioregion

EVC 20: Heathy Dry Forest

Description:

Grows on shallow, rocky skeletal soils on a variety of geologies and on a range of landforms from gently undulating hills to exposed aspects on ridge tops and steep slopes at a range of elevations. The overstorey is a low, open eucalypt forest, poor in form to 20 m tall with an open crown cover. The understorey is dominated by a low, sparse to dense layer of ericoid-leaved shrubs including heaths and peas. Graminoids and grasses are frequently present in the ground layer, but do not provide much cover.

Large trees: Species Eucalyptus spp.		DBH(cm) 60 cm	#/ha 20 / ha		
Tree Canopy C	over:				
%cover 30%	Character Species Eucalyptus mannifera ssp. mar Eucalyptus dives Eucalyptus macrorhyncha	nnifera		Commo Brittle Gur Broad-leav Red String	n ved Peppermint
Understorey:					
Life form		#Sp	p (%Cover	LF code
Immature Cano	py Tree		!	5%	IT
Medium Shrub		9	3	30%	MS
Small Shrub		5		10%	SS
Prostrate Shrub		2	1	5%	PS
Large Herb		3	-	5%	LH
Medium Herb		8		10%	MH
Small or Prostra		1		1%	SH
Large Tufted Gr		1		1%	LTG
i iouiuiii to oiiiu	ll Tufted Graminoid	5	-	20%	MTG
Scrambler or Cli	mber	2		1%	SC
Bryophytes/Lich	ens	na		10%	BL
Soil Crust		na		10%	S/C
Total unders	torey projective foliage c	over	8	85%	



EVC 20: Heathy Dry Forest - East Gippsland Lowlands bioregion

LF Code	Species typical of at least part of EVC range	Comm
MS	Monotoca scoparia	Prickly I
MS	Cassinia longifolia	Shiny C
MS	Brachyloma daphnoides	Daphne
MS	Choretrum pauciflorum	Dwarf S
SS	Hibbertia obtusifolia	Grey Gı
SS	Tetratheca bauerifolia	Heath F
SS	Acacia gunnii	Ploughs
SS	Leucopogon virgatus	Commo
PS	Platylobium formosum	Handso
PS	Acrotriche serrulata	Honey-
LH	Wahlenbergia stricta	Tall Blu
LH	Senecio tenuiflorus	Slender
MH	Gonocarpus tetragynus	Commo
MH	Poranthera microphylla	Small P
MH	Galium gaudichaudii	Rough I
MH	Euchiton collinus s.s.	Creepin
MTG	Joycea pallida	Silverto
MTG	Poa sieberiana	Grey Tu
MTG	<i>Dianella revoluta</i> s.l.	Black-a
MTG	Lomandra filiformis	Wattle I
EP	Amyema pendula	Droopin
SC	Hardenbergia violacea	Purple

non Name

Broom-heath Cassinia e Heath Sour-bush Guinea-flower Pink-bells nshare Wattle on Beard-heath ome Flat-pea -pots uebell er Fireweed on Raspwort Poranthera Bedstraw ng Cudweed op Wallaby-grass ussock-grass anther Flax-lily Mat-rush ng Mistletoe Coral-pea

Recruitment:

Episodic/Fire. Desirable period between disturbances is 20 years.

Organic Litter:

20 % cover

Logs:

20 m/0.1 ha.

Weediness:

LF Code

MH MH Typical Weed Species Centaurium erythraea Hypochoeris radicata

Common Name Common Centaury Cat's Ear

Invasive high high

Impact low low

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East Gippsland Lowlands bioregion

EVC 21: Shrubby Dry Forest

Description:

Occurs on a range of geologies on exposed aspects such as ridge-lines and medium to steep upper slopes, often in high rainfall areas and on shallow infertile soils. Open forest to 25 m tall characterised by the diversity and variability of the eucalypts. The understorey often lacks a secondary tree layer but contains a well-developed medium to low shrub layer. The ground layer is often very sparse with tussock-forming graminoids being the dominant life form.

Large trees: Species Eucalyptus spp		DBH(cm) 70 cm	#/ha 20 / ha	-	
Tree Canopy C	cover:				
%cover 30%	Character Species Eucalyptus muelleriana Eucalyptus cypellocarpa Eucalyptus macrorhycha Eucalyptus consideniana Eucalyptus mannifera			Commo Yellow Str Mountain Red String Yertchuk Brittle Gur	ingybark Grey-gum Iybark
Understorey:					
Life form		#	[±] Spp	%Cover	LF code
Immature Canopy Tree				5%	IT
Understorey Tree or Large Shrub		1		10%	Т
Medium Shrub		6		30%	MS
Small Shrub		2		5%	SS
Medium Herb		5		5%	MH
Large Tufted G		1		1%	LTG
Large Non-tufte		2		10%	LNG
	all Tufted Graminoid	3		10%	MTG
	Non-tufted Graminoid	1		1%	MNG
Ground Fern		2		5%	GF
Scrambler or C		3		5%	SC
Bryophytes/Licl	nens	na	а	10%	BL
Soil Crust		na	а	10%	S/C
Total under	storey projective foliage c	over		85%	



EVC 21: Shrubby Dry Forest - East Gippsland Lowlands bioregion

LF Code Species typical of at least part of EVC range Т Allocasuarina littoralis MS Leucopogon lanceolatus var. lanceolatus MS Platysace lanceolata MS Cassinia longifolia MS Epacris impressa SS Hibbertia empetrifolia s.l. SS Pimelea humilis MH Gonocarpus teucrioides s.l. Viola hederacea sensu Willis (1972) MH MH Hypericum gramineum MH Poranthera microphylla LNG Gahnia radula LNG Tetrarrhena juncea MTG Poa sieberiana MTG Dianella caerulea var. caerulea MTG Lepidosperma laterale MTG Lomandra filiformis MNG Microlaena stipoides var. stipoides GF Pteridium esculentum SC Billardiera scandens SC Glycine clandestina SC Tylophora barbata SC Clematis aristata

Common Name

Black Sheoak Lance Beard-heath Shrubby Platysace Shiny Cassinia Common Heath Tangled Guinea-flower Common Rice-flower Germander Raspwort Ivy-leaf Violet Small St John's Wort Small Poranthera Thatch Saw-sedge Forest Wire-grass Grey Tussock-grass Paroo Lily Variable Sword-sedge Wattle Mat-rush Weeping Grass Austral Bracken Common Apple-berry **Twining Glycine** Bearded Tylophora Mountain Clematis

Recruitment:

Episodic/Fire. Desirable period between disturbances is 20 years.

Organic Litter:

20 % cover

Logs:

20 m/0.1 ha.

Weediness:

There are no consistent weeds in this EVC.

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East Gippsland Lowlands bioregion

EVC 22: Grassy Dry Forest

Description:

Occurs on a variety of gradients and altitudes and on a range of geologies. The overstorey is dominated by a low to medium height forest of eucalypts to 20 m tall, sometimes resembling an open woodland. The understorey usually consists of a sparse shrub layer of medium height. Grassy Dry Forest is characterised by a ground layer dominated by a high diversity of drought-tolerant grasses and herbs.

Large trees: Species Eucalyptus spp.		DBH(cm) 60 cm	#/ha 20 / ha		
Tree Canopy Co	over:				
%cover 30%	Character Species Eucalyptus bridgesiana s.l. Eucalyptus consideniana Eucalyptus globulus ssp. pseuc	loglobulus		Commo But But Yertchuk Blue Gum	n Name
Understorey:					
Life form		#:	Spp	%Cover	LF code
Immature Cano				5%	IT
	e or Large Shrub	1		5%	Т
Medium Shrub		7		25%	MS
Small Shrub		3		5%	SS
Prostrate Shrub		1		5%	PS
Large Herb		3		5%	LH
Medium Herb		11		20%	MH
Small or Prostra		2		5%	SH
Large Tufted Gr		1		1%	LTG
Large Non-tufte		1		5%	LNG
	Il Tufted Graminoid	6		20%	MTG
	Non-tufted Graminoid	1		1%	MNG
Ground Fern		2		5%	GF
Scrambler or Cli		3		5%	SC
Bryophytes/Lich Soil Crust	ens	na na		10% 10%	BL S/C



EVC 22: Grassy Dry Forest - East Gippsland Lowlands bioregion

LF Code MS	Species typical of at least part of EVC range Cassinia longifolia
MS	Pultenaea juniperina s.l.
MS	Leucopogon lanceolatus var. lanceolatus
MS	Indigofera australis
SS	Hibbertia obtusifolia
PS	Acrotriche serrulata
PS	Astroloma humifusum
MH	Viola hederacea sensu Willis (1972)
MH	Hypericum gramineum
MH	Lagenophora stipitata
MH	Gonocarpus tetragynus
SH	Hydrocotyle laxiflora
SH	Opercularia varia
LTG	Lomandra longifolia
LNG	Gahnia radula
MTG	Poa sieberiana
MTG	Dianella tasmanica
MTG	Dianella revoluta s.l.
MTG	Lepidosperma laterale
MNG	Microlaena stipoides var. stipoides
GF	Pteridium esculentum
SC	Billardiera scandens
SC	Clematis aristata
SC	Glycine clandestina

Common Name

Shiny Cassinia Prickly Bush-pea Lance Beard-heath Austral Indigo Grey Guinea-flower Honey-pots Cranberry Heath Ivy-leaf Violet Small St John's Wort Common Bottle-daisy Common Raspwort Stinking Pennywort Variable Stinkweed Spiny-headed Mat-rush Thatch Saw-sedge Grey Tussock-grass Tasman Flax-lily Black-anther Flax-lily Variable Sword-sedge Weeping Grass Austral Bracken Common Apple-berry Mountain Clematis Twining Glycine

Recruitment:

Continuous

Organic Litter:

20 % cover

Logs:

20 m/0.1 ha.

Weediness:

LF Code 1H LH MH MH MNG

Typical Weed Species Cirsium vulgare Conyza albida Hypochoeris radicata Centaurium erythraea Aira caryophyllea

Common Name Spear Thistle

Tall Fleabane Cat's Ear Common Centaury Silvery Hair-grass

Invasive high high high high high

Impact low low low low low

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East Gippsland Lowlands bioregion

EVC 23: Herb-rich Foothill Forest

Description:

Occurs on relatively fertile, moderately well-drained soils on an extremely wide range of geological types and in areas of moderate to low rainfall. Occupies easterly and southerly aspects mainly on lower slopes and in gullies. A medium to tall open forest or woodland to 25 m tall with a small tree layer over a sparse to dense shrub layer. A high cover and diversity of herbs and grasses in the ground layer characterise this EVC.

Large trees: Species Eucalyptus spp.		DBH(cm) 70 cm	#/h 20 /		
Tree Canopy C	over:				
%cover 40%	Character Species Eucalyptus melliodora Eucalyptus angophoroides Eucalyptus bosistoana			Common Yellow Box Apple Box Coast Grey-	
Understorey:					
Life form			#Spp	%Cover	LF code
Immature Cano				5%	IT
Understorey Tree or Large Shrub			2	10%	Т
Medium Shrub			4	10%	MS
Small Shrub			3	5%	SS
Prostrate Shrub			1	5%	PS
Large Herb			4	5%	LH
Medium Herb			13	20%	MH
Small or Prostra			3	5%	SH
Large Tufted Gr			2	1%	LTG
	ll Tufted Graminoid		7	30%	MTG
	Non-tufted Graminoid		2	5%	MNG
Ground Fern			2	10%	GF
Scrambler or Cli			2	5%	SC
Bryophytes/Lich	ens		na	20%	BL



EVC 23: Herb-rich Foothill Forest - East Gippsland Lowlands bioregion

LF Code	Species typical of at least part of EVC range	Common Name
Т	Acacia melanoxylon	Blackwood
MS	Cassinia longifolia	Shiny Cassinia
MS	Cassinia aculeata	Common Cassinia
SS	Hibbertia obtusifolia	Grey Guinea-flower
SS	Tetratheca bauerifolia	Heath Pink-bells
SS	Platylobium formosum	Handsome Flat-pea
PS	Acrotriche serrulata	Honey-pots
LH	Wahlenbergia stricta	Tall Bluebell
LH	Senecio quadridentatus	Cotton Fireweed
MH	Gonocarpus tetragynus	Common Raspwort
MH	Poranthera microphylla	Small Poranthera
MH	<i>Viola hederacea</i> sensu Willis (1972)	Ivy-leaf Violet
SH	Hydrocotyle laxiflora	Stinking Pennywort
SH	Cymbonotus preissianus	Austral Bear's-ear
SH	Chiloglottis gunnii s.l.	Common Bird-orchid
LTG	Lomandra longifolia	Spiny-headed Mat-rush
MTG	Poa sieberiana	Grey Tussock-grass
MTG	Dichelachne sciurea spp. agg.	Short-hair Plume-grass
MTG	Lomandra filiformis	Wattle Mat-rush
MTG	Dianella tasmanica	Tasman Flax-lily
MNG	<i>Microlaena stipoides</i> var. <i>stipoides</i>	Weeping Grass
GF	Pteridium esculentum	Austral Bracken
SC	Clematis aristata	Mountain Clematis
SC	Glycine clandestina	Twining Glycine
SC	Hardenbergia violacea	Purple Coral-pea
Boowitmon		

Recruitment:

Continuous

Organic Litter:

40 % cover

Logs:

20 m/0.1 ha.

Weediness:

LF Code	Typical Weed Species
MS	Rosa rubiginosa
SS	Rubus sp. aff. armeniacus
LH	Cirsium vulgare
LH	Sonchus asper s.l.
MH	Hypochoeris radicata
MH	Centaurium erythraea
MH	Trifolium dubium
MH	Cerastium glomeratum s.l.
MH	Trifolium arvense var. arvense
MNG	Aira caryophyllea

Common Name Invasive Impact Sweet Briar high high Blackberry high high Spear Thistle high high Rough Sow-thistle high low Cat's Ear high low Common Centaury high low Suckling Clover high low Common Mouse-ear Chickweed high low Hare's-foot Clover high low Silvery Hair-grass high low

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East Gippsland Lowlands bioregion

EVC 27: Blackthorn Scrub

Description:

Only found on northerly and westerly slopes of mountains and valleys. Trees are not a prominent feature, often present only as emergents or forming a very open woodland. The small tree or tall shrub layer to 6 m tall is a dominant feature, often forming even-aged stands of uniform height. The ground layer is generally sparse and species-poor due to low site quality and the density of the overstorey. Vines can be conspicuous in the understorey.

Canopy Cove	er:			
%cover	Character Species		Commo	n Name
40%	Acacia silvestris		Red Watt	-
	Exocarpos cupressiformis		Cherry Ba	llart
Understorey	:			
Life form		#Spp	%Cover	LF code
Medium Shru	b	8	40%	MS
Small Shrub		1	1%	SS
Large Herb		2	1%	LH
Medium Herb		3	5%	MH
Large Tufted	Graminoid	1	1%	LTG
Medium to Sr	nall Tufted Graminoid	3	5%	MTG
Medium to Tiny Non-tufted Graminoid		1	1%	MNG
Ground Fern		1	1%	GF
Scrambler or Climber		3	5%	SC
Bryophytes/Li		na	10%	BL
Total unde	erstorey projective foliage cover		50%	
LF Code	Species typical of at least part	of EVC range	Com	nmon Name
MS	Philotheca trachyphylla		Rock	Wax-flower
MS	Cassinia longifolia			/ Cassinia
MS	Goodenia ovata			Goodenia
MS	Platysace lanceolata Shrubby Platysace			
MH	Poranthera microphylla	Small Poranthera		
MTG	Lepidosperma laterale			ble Sword-sedge
MTG	Notodanthonia longifolia		5	-leaf Wallaby-grass
MNG	Microlaena stipoides var. stipoides			ping Grass
GF	Asplenium flabellifolium			lace Fern
SC	Pandorea pandorana			ga Vine
SC	Billardiera scandens		Com	mon Apple-berry

Recruitment:

Continuous

Organic Litter: 40 % cover

Logs:

10 m/0.1 ha. (note: large log class does not apply)

Weediness:

There are no consistent weeds in this EVC.



EVC 27: Blackthorn Scrub - East Gippsland Lowlands bioregion

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East Gippsland Lowlands bioregion

EVC 28: Rocky Outcrop Shrubland

Description:

Occurs in areas of low site quality on exposed rocky outcrops where rock is a dominant landform feature, soils are shallow or virtually absent and effective rainfall is low. Scattered, often stunted trees are occasionally present. A diverse shrub layer to 5 m tall characterises this EVC, including a number of rock-adapted species. The ground layer is usually sparse and species-poor except where it occurs in discrete patches and forms a mosaic with Rocky Outcrop Herbland.

Understorey:			
Life form	#Spp	%Cover	LF code
Medium Shrub	8	45%	MS
Small Shrub	2	10%	SS
Prostrate Shrub	1	1%	PS
Large Herb	2	5%	LH
Medium Herb	2	5%	MH
Large Tufted Graminoid	1	5%	LTG
Medium to Small Tufted Graminoid	5	10%	MTG
Scrambler or Climber	1	1%	SC
Bryophytes/Lichens	na	20%	BL
Soil Crust	na	10%	S/C

LF Code	Species typical of at least part of EVC range	Common Name
MS	Cassinia longifolia	Shiny Cassinia
MS	Exocarpos strictus	Pale-fruit Ballart
MS	Ozothmanus conditus	Pepper Everlasting
MS	Ozothamnus rogersianus	Nunniong Everlasting
SS	Hibbertia obtusifolia	Grey Guinea-flower
SS	Pultenaea retusa	Blunt Bush-pea
LH	Senecio tenuiflorus	Slender Fireweed
LH	Derwentia perfoliata	Digger's Speedwell
MH	Gonocarpus tetragynus	Common Raspwort
MTG	Poa sieberiana	Grey Tussock-grass
MTG	Lepidosperma laterale	Variable Sword-sedge
MTG	Dianella tasmanica	Tasman Flax-lily
MTG	Joycea pallida	Silvertop Wallaby-grass

Recruitment:

Continuous

Organic Litter: 40 % cover

Weediness:

LF	Code
MH	
MT	G

Typical Weed Species *Hypochoeris radicata Vulpia bromoides* **Common Name** Cat's Ear Squirrel-tail Fescue **Invasive** high high Impact low low



EVC 28: Rocky Outcrop Shrubland - East Gippsland Lowlands bioregion

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East Gippsland Lowlands bioregion

EVC 29: Damp Forest

Description:

Large trees:

Grows on a wide range of geologies on well-developed generally colluvial soils on a variety of aspects. Dominated by a tall eucalypt tree layer to 30 m tall over a medium to large dense shrub layer of broad-leaved species typical of wet forest mixed with elements from dry forest types. The ground layer includes herbs and grasses as well as a variety of moisture-dependent ferns.

Species Eucalyptus spp.		DBH(cm) 90 cm	#/ha 20 / ha		
Tree Canopy Co	over:				
%cover 40%	Character Species Eucalyptus sieberi Eucalyptus globoidea Eucalyptus cypellocarpa Eucalyptus obliqua Eucalyptus muelleriana			Silvertop / White Stri Mountain	ngybark Grey Gum e Stringybark
Understorey:					
Life form		#S	r r	%Cover	LF code
Immature Cano				5%	IT
	e or Large Shrub	3		20%	Т
Medium Shrub		8		25%	MS
Small Shrub		3		5%	SS
Prostrate Shrub		1		1%	PS
Large Herb		1		1%	LH
Medium Herb	,	6		10%	MH
Large Tufted Gr		2		5%	LTG
Large Non-tufte		1		5%	LNG
	I Tufted Graminoid	4		5%	MTG
Ground Fern	Non-tufted Graminoid	1		1%	MNG
Tree Fern		3 1		15% 5%	GF TRF
Scrambler or Cli	mhor	4		5% 5%	SC
Bryophytes/Lich		na		20%	BL



EVC 29: Damp Forest - East Gippsland Lowlands bioregion

LF Code	Species typical of at least part of EVC range
Т	Elaeocarpus reticulatus
Т	Allocasuarina littoralis
MS	Epacris impressa
MS	Persoonia linearis
MS	Goodenia ovata
MS	Leucopogon lanceolatus var. lanceolatus
SS	Hibbertia empetrifolia s.l.
SS	Tetratheca pilosa
PS	Platylobium formosum
MH	Gonocarpus teucrioides s.l.
MH	Viola hederacea sensu Willis (1972)
MH	Opercularia aspera
LTG	Lomandra longifolia
LTG	Gahnia sieberiana
LNG	Tetrarrhena juncea
MTG	<i>Dianella caerulea</i> var. <i>caerulea</i>
MTG	Lepidosperma laterale
MTG	Poa sieberiana
MTG	Hierochloe rariflora
GF	Pteridium esculentum
GF	Blechnum cartilagineum
GF	Calochlaena dubia
TRF	Cyathea australis
EP	Cassytha phaeolasia
SC	Billardiera scandens
SC	Clematis aristata
SC	Tylophora barbata

Common Name

Blue Oliveberry Black Sheoak Common Heath Narrow-leaf Geebung Hop Goodenia Lance Beard-heath Tangled Guinea-flower Hairy Pink-bells Handsome Flat-pea Germander Raspwort Ivy-leaf Violet Coarse Stinkweed Spiny-headed Mat-rush Red-fruit Saw-sedge Forest Wire-grass Paroo Lily Variable Sword-sedge Grey Tussock-grass Cane Holy-grass Austral Bracken Gristle Fern Common Ground-fern Rough Tree-fern Rusty Dodder-laurel Common Apple-berry Mountain Clematis Bearded Tylophora

Recruitment:

Continuous

Organic Litter:

50 % cover

Logs:

30 m/0.1 ha.

Weediness:

There are no consistent weeds in this EVC.

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East Gippsland Lowlands bioregion

EVC 30: Wet Forest

Description:

Grows on fertile, well-drained loamy soils on a range of geologies and elevation levels. It is largely restricted to protected sites in gullies and on southern aspects of hills and mountains where rainfall is high and cloud cover at ground level is frequent. Characterised by a tall eucalypt overstorey to 30 m tall with scattered understorey trees over a tall broad-leaved shrubby understorey and a moist, shaded, fern-rich ground layer that is usually dominated by tree-ferns.

Large trees: Species Eucalyptus sp		DBH(cm) 90 cm	#/ha 20 / ha		
Tree Canopy %cover 40%				•••••	n Name Stringybark Grey-gum
	Eucalyptus globoidea Eucalyptus viminalis			White Strir Manna Gui	05
Understorey	:				
Life form		#S	op ʻ	%Cover	LF code
Immature Can	opy Tree	-		5%	IT
5	ree or Large Shrub	3		20%	Т
Medium Shrub		6		15%	MS
Large Herb		1		1%	LH
Medium Herb		6		15%	MH
Small or Prost		2		1%	SH
Large Tufted C		2		5%	LTG
Large Non-tuff		1		1%	LNG
	all Tufted Graminoid	3		15%	MTG
	y Non-tufted Graminoid	1		10%	MNG
Ground Fern		4		20%	GF
Tree Fern		2		15%	TRF
Scrambler or C		3	-	5%	SC
Bryophytes/Lic	nens	na	4	20%	BL



EVC 30: Wet Forest - East Gippsland Lowlands bioregion

LF Code	Species typical of at least part of EVC range	Common Name
Т	Pomaderris aspera	Hazel Pomaderris
Т	Acacia dealbata	Siver Wattle
Т	Acacia melanoxylon	Blackwood
Т	Olearia argophylla	Musk Daisy-bush
MS	Goodenia ovata	Hop Goodenia
MS	Cassinia longifolia	Shiny Cassinia
MS	Cassinia aculeata	Common Cassinia
MS	Ozothamnus ferrugineus	Tree Everlasting
SS	Rhytidosporum procumbens	White Marianth
LH	Senecio velleioides	Forest Groundsel
LH	Senecio glomeratus	Annual Fireweed
MH	Viola hederacea sensu Willis (1972)	Ivy-leaf Violet
MH	Gonocarpus teucrioides s.l.	Germander Raspwort
MH	Lagenophora stipitata	Common Bottle-daisy
SH	Oxalis corniculata s.l.	Yellow Wood-sorrel
SH	Dichondra repens	Kidney-weed
LTG	Lomandra longifolia	Spiny-headed Mat-rush
LTG	Cyperus lucidus	Leafy Flat-sedge
LTG	Juncus pallidus	Pale Rush
LTG	Gahnia radula	Thatch Saw-sedge
LNG	Tetrarrhena juncea	Forest Wire-grass
MTG	<i>Poa australis</i> spp. agg.	Tussock Grass
MTG	Dianella tasmanica	Tasman Flax-lily
MTG	Poa labillardierei	Common Tussock-grass
MTG	<i>Lomandra confertifolia</i> ssp. <i>leptostachya</i>	Slender Mat-rush
MNG	Microlaena stipoides var. stipoides	Weeping Grass
GF	Pteridium esculentum	Austral Bracken
GF	Blechnum cartilagineum	Gristle Fern
GF	Calochlaena dubia	Common Ground-fern
GF	Sticherus lobatus	Spreading Fan-fern
TRF	Cyathea australis	Rough Tree-fern
TRF	Dicksonia antarctica	Soft Tree-fern
SC	Clematis aristata	Mountain Clematis
SC	Billardiera scandens	Common Apple-berry
SC	Comesperma volubile	Love Creeper

Recruitment:

Continuous

Organic Litter:

50 % cover

Logs:

30 m/0.1 ha.

Weediness:

LF Code MH

Typical Weed Species Hypochoeris radicata

Common Name Cat's Ear

Invasive high

Impact low

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East Gippsland Lowlands bioregion

EVC 32: Warm Temperate Rainforest

Description:

Closed forest to 25 m tall occurring along gullies and river flats. Dominated by a range of non-eucalypt canopy species above an understorey of smaller trees and shrubs and usually visually dominated by ferns and climbers.

Large trees: Species Various spp.		DBH(cm) 70 cm	#/ha 20 / ha		
Tree Canopy	Cover:				
%cover	Character Species Acacia melanoxylon Acmena smithii Rapanea howittiana Acronychia oblongifolia Tristaniopsis laurina			Commo Blackwood Lilly Pilly Muttonwoo Yellowwoo Kanooka	bd
Understorey:					
Life form		#S	pp '	%Cover	LF code
Immature Cano	py Tree			5%	IT
Understorey Tre	ee or Large Shrub	3	:	20%	Т
Medium Shrub		7		15%	MS
Large Herb		3		5%	LH
Medium Herb		5		10%	MH
Small or Prostra	ate Herb	2		5%	SH
Large Tufted Gr	raminoid	2	!	5%	LTG
Large Non-tufte	ed Graminoid	1		1%	LNG
Medium to Sma	II Tufted Graminoid	2		1%	MTG
Medium to Tiny	Non-tufted Graminoid	2		1%	MNG
Ground Fern		8		30%	GF
Tree Fern		2		15%	TRF
Epiphyte		3		1%	EP
Scrambler or Cl	imber	9		15%	SC
Bryophytes/Lich	nens	na	:	20%	BL



EVC 32: Warm Temperate Rainforest -East Gippsland Lowlands bioregion

LF Code Species typical of at least part of EVC range Pomaderris aspera Т Т Elaeocarpus reticulatus Coprosma quadrifida MS MS Notelaea venosa MS Prostanthera lasianthos LH Sigesbeckia orientalis ssp. orientalis LH Urtica incisa Viola hederacea sensu Willis (1972) MH MH Sambucus gaudichaudiana MH Stellaria flaccida MH Solanum prinophyllum SH Pyrrosia rupestris SH Dichondra repens LTG Gahnia melanocarpa Gahnia clarkei LTG LTG Lomandra longifolia

Carex appressa

Isolepis inundata

Blechnum nudum

Oplismenus hirtellus

Blechnum cartilagineum

Polystichum proliferum

Dicksonia antarctica

Microsorum scandens

Pandorea pandorana

Eustrephus latifolius

Cissus hypoglauca

Cyathea australis

Fieldia australis

Smilax australis

Microlaena stipoides var. stipoides

Blechnum patersonii ssp. patersonii

Hymenophyllum cupressiforme

Microsorum pustulatum ssp. pustulatum

Common Name

Hazel Pomaderris Blue Oliveberry Prickly Currant-bush Large Mock-olive Victorian Christmas-bush Indian Weed Scrub Nettle Ivy-leaf Violet White Elderberry Forest Starwort Forest Nightshade Rock Felt-fern Kidney-weed Black-fruit Saw-sedge Tall Saw-sedge Spiny-headed Mat-rush Tall Sedge Swamp Club-sedge Australian Basket-grass Weeping Grass Fishbone Water-fern Strap Water-fern Gristle Fern Mother Shield-fern Soft Tree-fern Rough Tree-fern Common Filmy Fern Fieldia Fragrant Fern Kangaroo Fern Austral Sarsaparilla Wonga Vine Wombat Berry Jungle Grape

Recruitment:

Continuous

Organic Litter:

50 % cover

Logs:

I TG

MTG

MNG MNG

GF

GF

GF

GF

TRF

TRF

EΡ

EΡ

EΡ

EΡ

SC

SC

SC

SC

20 m/0.1 ha.

Weediness:

LF Code

MS I H Typical Weed Species Rubus fruticosus spp. agg. Conyza spp. **Common Name** Blackberry Fleabane **Invasive** high high Impact high low

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East Gippsland Lowlands bioregion

EVC 34: Dry Rainforest

Description:

Open to closed non-eucalypt low forest or tall shrubland to 15 m tall. Occurs in areas of relatively low rainfall (750-900 mm per annum) and primarily confined to topographic fire refuges most often associated with extensive cliffs, gorges and rock screes on northern and western aspects. Characterised by canopy species that are rain-green (lose leaves during drought).

Large trees: Species Various spp.		DBH(cm) 60 cm	#/ha 10 / ha	•			
Tree Canopy	v Cover:						
%cover 50%	Character Species Rapanea howittiana Pittosporum undulatum Brachychiton populneus ssp. po	opulneus		Commo Mutton-wo Sweet Pitto Kurrajong	od		
Understorey							
Life form Immature Can Understorey Tr Medium Shrub Large Herb Medium Herb Small or Prostr Large Tufted G Medium to Sm	opy Tree ree or Large Shrub rate Herb Graminoid all Tufted Graminoid y Non-tufted Graminoid	# S 3 9 5 12 5 2 3 3 5 2 6 na		%Cover 5% 20% 20% 5% 15% 5% 5% 5% 5% 10% 1% 10% 20%	LF C IT T MS LH MH SH LTG MNG GF EP SC BL	ode	
Weediness:		0	NI			I	1
LF Code MS LH LH LH MH MH MH MH MH MH MTG MTG MNG	Typical Weed Species Rubus fruticosus spp. agg. Solanum nigrum sensu Willis (19) Cirsium vulgare Conyza spp. Hypochoeris radicata Gamochaeta purpurea s.l. Cerastium glomeratum s.l. Polycarpon tetraphyllum Hypochoeris glabra Galium murale Anagallis arvensis Vulpia bromoides Ehrharta erecta var. erecta Aira praecox	Black 72) Black Spea Fleab Cat's Purpl Com Four- Smod Smal Pimp Squir Panic	Ear e Cudweed non Mouse leaved Alls oth Cat's-ea Goosegrad	le e-ear Chickwe eed ar ss cue ss	eed	Invasive high high high high high high high hig	Impact high low high low low low low low low low low low low



EVC 34: Dry Rainforest - East Gippsland Lowlands bioregion

LF Code	Species typical of at least part of EVC range	Common Name
Т	Acacia mearnsii	Black Wattle
T	Acacia implexa	Lightwood
T	Acacia falciformis	Pale Hickory Wattle
Ť	Pittosporum undulatum	Sweet Pittosporum
MS	Olearía lirata	Snowy Daisy-bush
MS	Cassinia trinerva	Three-nerved Cassinia
MS	Cassinia longifolia	Shiny Cassinia
MS	Hymenanthera dentata	Tree Violet
LH	Urtica incisa	Scrub Nettle
LH	Sigesbeckia orientalis ssp. orientalis	Indian Weed
LH	Senecio minimus	Shrubby Fireweed
MH	Solanum prinophyllum	Forest Nightshade
MH	Viola hederacea sensu Willis (1972)	Ivy-leaf Violet
MH	Sambucus gaudichaudiana	White Elderberry
MH	Lobelia anceps	Angled Lobelia
SH	Dichondra repens	Kidney-weed
SH	Hydrocotyle sibthorpioides	Shining Pennywort
SH	Pyrrosia rupestris	Rock Felt-fern
SH	Öxalis exilis	Shady Wood-sorrel
LTG	Lomandra longifolia	Spiny-headed Mat-rush
LTG	Lepidosperma urophorum	Tailed Rapier-sedge
LTG	Gahnia melanocarpa	Black-fruit Saw-sedge
LTG	Cymbopogon refractus	Barb-wire Grass
MTG	Notodanthonia longifolia	Long-leaf Wallaby-grass
MTG	Lepidosperma laterale	Variable Sword-sedge
MTG	Poa sieberiana	Grey Tussock-grass
MNG	Microlaena stipoides var. stipoides	Weeping Grass
MNG	Echinopogon ovatus	Common Hedgehog-grass
MNG	Oplismenus hirtellus	Australian Basket-grass
MNG	Entolasia marginata	Bordered Panic
GF	Pteris tremula	Tender Brake
GF	Asplenium flabellifolium	Necklace Fern
GF	Doodia australis	Common Rasp-fern
GF	Cheilanthes austrotenuifolia	Green Rock-fern
EP	Cassytha phaeolasia	Rusty Dodder-laurel
SC	Eustrephus latifolius	Wombat Berry
SC	Celastrus australis	Staff Climber
SC	Geitnoplesium cymosum	Scrambling Lily
SC	Marsdenia rostrata	Milk Vine

Recruitment:

Continuous

Organic Litter: 50 % cover

Logs:

10 m/0.1 ha.

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East Gippsland Lowlands bioregion

EVC 47: Valley Grassy Forest

Description:

Valley Grassy Forest occurs under moderate rainfall regimes of 700-800 mm per annum on fertile well-drained colluvial or alluvial soils on gently undulating lower slopes and valley floors. Open forest to 25 m tall that may carry a variety of eucalypts, which prefer more moist or more fertile conditions over a sparse shrub cover. In season, a rich array of herbs, lilies, grasses and sedges dominate the ground layer but at the drier end of the spectrum the ground layer may be sparse and slightly less diverse, but with the moisture-loving species still remaining.

Large trees: Species <i>Eucalyptus</i> spp.	``	#/ha 20 / ha	
YocoverCharacter Species20%rEucalyptus bosistoanaEucalyptus muelleriana		Commo Coast Gre Yellow St	,
Understorey: Life form Immature Canopy Tree	#Spp	%Cover 5%	LF code IT
Understorey Tree or Large Shrub Medium Shrub Small Shrub Prostrate Shrub Large Herb Medium Herb Small or Prostrate Herb Large Tufted Graminoid Large Non-tufted Graminoid Medium to Small Tufted Graminoid Medium to Tiny Non-tufted Graminoid Ground Fern Scrambler or Climber Bryophytes/Lichens	3 9 3 1 3 17 4 2 2 7 4 3 6 0	10% 20% 5% 1% 20% 5% 5% 5% 20% 15% 5% 5% 5% 20%	T MS SS PS LH MH SH LTG LNG MTG MNG GF SC BI



EVC 47: Valley Grassy Forest - East Gippsland Lowlands bioregion

LE Codo	Creating trained of at least yout of EVC your	
LF_Code	Species typical of at least part of EVC rang	Common Name
T	Acacia mearnsii	Black Wattle
T	Allocasuarina littoralis	Black Sheoak
MS	Leucopogon lanceolatus var. lanceolatus	Lance Beard-heath
MS	Epacris impressa	Common Heath
MS	Cassinia longifolia	Shiny Cassinia
MS	Kunzea ericoides	Burgan
SS	Tetratheca pilosa	Hairy Pink-bells
SS	Pimelea humilis	Common Rice-flower
SS	Pultenaea retusa	Blunt Bush-pea
SS	Lissanthe strigosa ssp. subulata	Peach Heath
PS	Astroloma humifusum	Cranberry Heath
PS	Acrotriche serrulata	Honey-pots
LH	Solanum pungetium	Eastern Nightshade
LH	Urtica incisa	Scrub Nettle
LH	Senecio tenuiflorus	Slender Fireweed
LH	Wahlenbergia gracilis s.l.	Sprawling Bluebell
MH	Opercularia aspera	Coarse Stinkweed
MH	Viola hederacea sensu Willis (1972)	Ivy-leaf Violet
MH	Euchiton collinus s.s.	Creeping Cudweed
SH	Galium propinquum	Maori Bedstraw
SH	Dichondra repens	Kidney-weed
SH	Desmodium gunnii	Southern Tick-trefoil
SH	Hypericum japonicum	Matted St John's Wort
LTG	Lomandra longifolia ssp. exilis	Cluster-headed Mat-rush
LNG	Gahnia radula	Thatch Saw-sedge
LNG	Lepidosperma longitudinale	Pithy Sword-sedge
MTG	Poa sieberiana	Grey Tussock-grass
MTG	Lepidosperma laterale	Variable Sword-sedge
MTG	Lomandra filiformis	Wattle Mat-rush
MTG	Dianella caerulea var. caerulea	Paroo Lily
MNG	Poa tenera	Slender Tussock-grass
MNG	Microlaena stipoides var. stipoides	Weeping Grass
MNG	Echinopogon ovatus	Common Hedgehog-grass
MNG	Oplismenus hirtellus	Australian Basket-grass
GF	Adiantum aethiopicum	Common Maidenhair
GF	Pteridium esculentum	Austral Bracken
GF	Doodia aspera	Prickly Rasp-fern
GF	Pellaea falcata s.l.	Sickle Fern
TRF	Dicksonia antarctica	Soft Tree-fern
EP		
SC	Hymenophyllum cupressiforme Comesperma volubile	Common Filmy Fern
SC	Glycine clandestina	Love Creeper Twining Glycine
SC	Clematis aristata	Mountain Clematis
SC	Billardiera scandens	Common Apple-berry
Recruitment	:	
Continuous	•	
•		
Organic Litte	2r:	
20 % cover		
Logs:		
20 m/0.1 ha		

20 m/0.1 ha.

Weediness:

LF	Code
MH	
MH	

Typical Weed Species Hypochoeris radicata Centaurium erythraea

Common Name Cat's Ear Common Centaury

Invasive high high

Impact low low

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East Gippsland Lowlands bioregion

EVC 48: Heathy Woodland

Description:

Spans a variety of geologies but is generally associated with nutrient-poor soils including deep uniform sands (aeolian or outwash) and Tertiary sand/clay which has been altered to form quartzite gravel. Eucalypt-dominated low woodland to 10 m tall lacking a secondary tree layer and generally supporting a diverse array of narrow or ericoid-leaved shrubs except where frequent fire has reduced this to a dense cover of bracken. Geophytes and annuals can be quite common but the ground cover is normally fairly sparse.

Large trees: Species Eucalyptus spp. Banksia serrata		DBH(cm) 50 cm 40 cm	#/ha 15 / ha		
Tree Canopy Co %cover 10%	Dver: Character Species <i>Eucalyptus willisii</i> <i>Eucalyptus obliqua</i> <i>Eucalyptus radiata</i> s.l. <i>Eucalyptus viminalis</i> ssp. pryori <i>Banksia serrata</i>	iana		Jimmy's S Messmate Narrow-le	In Name Shining Peppermint Stringybark eaf Peppermint rked Manna Gum Isia
	te Herb aminoid d Graminoid l Tufted Graminoid Non-tufted Graminoid	#Spi 5 2 2 1 1 1 2 1 1 2 1 na na	-	%Cover 5% 30% 20% 5% 5% 5% 1% 1% 5% 5% 10% 10%	LF code IT MS SS MH SH LTG LNG MTG MNG GF BL S/C
MS MS MS SS SS SS LTG MNG	Species typical of at least Epacris impressa Leptospermum myrsinoides Leptospermum continentale Monotoca scoparia Amperea xiphoclada var. xiphocl Leucopogon virgatus Dillwynia glaberrima Gahnia sieberiana Hypolaena fastigiata Cassytha glabella		nge	Comi Heat Prick Prick Broo Comi Smoo Red- Tass	mon Name mon Heath h Tea-tree ly Tea-tree ly Broom-heath m Spurge mon Beard-heath oth Parrot-pea fruit Saw-sedge el Rope-rush der Dodder-laurel



EVC 48: Heathy Woodland – East Gippsland Lowlands bioregion

Recruitment:

Episodic/Fire. Desirable period between disturbances is 20 years.

Organic Litter:

40 % cover

Logs:

15 m/0.1 ha.

Weediness:

There are no consistent weeds in this EVC.

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East Gippsland Lowlands bioregion

EVC 53: Swamp Scrub

Description:

GF

SC

Closed scrub to 8 m tall at low elevations on alluvial deposits along streams or on poorly drained sites with higher nutrient availability. The EVC is dominated by Swamp Paperbark *Melaleuca ericifolia* (or sometimes Woolly Tea-tree *Leptospermum lanigerum*) which often forms a dense thicket, out-competing other species. Occasional emergent eucalypts may be present. Where light penetrates to ground level, a moss/lichen/liverwort or herbaceous ground cover is often present. Dry variants have a grassy/herbaceous ground layer.

Canopy Cove	er:			
%cover	Character Species		Commo	n Name
50%	Leptospermum lanigerum		Woolly Te	a-tree
	Melaleuca ericifolia		Swamp Pa	aperbark
Understorey	,			
Life form	•	#Spp	%Cover	LF code
Medium Shru	ıh	2 2	10%	MS
Small Shrub		2	1%	SS
Large Herb		2	5%	LH
Medium Hert	1	3	15%	MH
Small or Pros		2	5%	SH
Large Tufted		2	10%	LTG
	Ifted Graminoid	3	10%	LNG
	mall Tufted Graminoid	2	5%	MTG
Medium to T	iny Non-tufted Graminoid	2	15%	MNG
Ground Fern		1	5%	GF
Scrambler or	Climber	1	1%	SC
Bryophytes/Lichens		na	20%	BL
LF Code	Species typical of at least pa	rt of EVC rongo	Con	nmon Name
MS	Species typical of at least pa Coprosma quadrifida	rt of EVC range		ly Currant-bush
MS	Leptospermum continentale			ly Tea-tree
LH	Lycopus australis			alian Gipsywort
LH	Lycopus australis Lythrum salicaria			e Loosestrife
LH	Persicaria praetermissa		•	ted Knotweed
MH	Hydrocotyle pterocarpa			Pennywort
MH	Stellaria angustifolia			np Starwort
MH	Lobelia anceps			ed Lobelia
SH	Crassula helmsii			np Crassula
LTG	Juncus procerus		Tall F	
LTG	Poa labillardierei			mon Tussock-grass
LNG	Gahnia radula			ch Saw-sedge
LNG	Phragmites australis			mon Reed
LNG	<i>Baumea rubiginosa</i> s.l.			Twig-rush
MTG	<i>Triglochin procerum</i> s.l.		Wate	er Ribbons
MTG	Juncus gregiflorus		Gree	n Rush
MNG	Eleocharis acuta		Com	mon Spike-sedge
05	St /		<u> </u>	-



Gristle Fern

Large Bindweed

Blechnum cartilagineum

Calystegia sepium

EVC 53: Swamp Scrub – East Gippsland Lowlands bioregion

Recruitment:

Continuous

Organic Litter: 40 % cover

Weediness:

LF Code MH

LNG

Typical Weed Species Hypochoeris radicata Holcus lanatus

Common Name Cat's Ear Yorkshire Fog

Invasive high high

Impact low high

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East Gippsland Lowlands Bioregion

EVC 53_62: Estuarine Swamp Scrub

Description:

Closed scrub to 6 m tall growing on the edge of estuarine waterbodies such as creeks, rivers and lagoons with intermediate salinity and poor drainage conditions. Dominated by Swamp Paperbark Melaleuca ericifolia with a halophytic (succulent) ground layer dominated by graminoids and herbs. Often occurs in close association with Estuarine Wetland.

Tree Canopy Cover:

	,					
%cover	Character Species	haracter Species		Common Name		
50%	Melaleuca ericifolia	Swamp Paperbark		rbark		
Understorey	<i>'</i> :					
Lifeform		#Spp	%Cover	LF Code		
Medium Shru	b	2	10%	MS		
Medium Herb	1	3	20%	MH		
Small or Pros	trate Herb	2	5%	SH		
Medium to Sr	nall Tufted Graminoid	2	10%	MTG		
Medium to Ti	ny Non-Tufted Graminoid	2	15%	MNG		
Medium to Sr	nall Tufted Graminoid	2	10%	MTG		

LF Code	Species typical of at least part of EVC range	Common Name
MS	Atriplex cinerea	Coast Saltbush
MS	Rhagodia candolleana subsp. candolleana	Seaberry Saltbush
MH	Chenopodium glaucum	Glaucous Goosefoot
MH	Samolus repens	Creeping Brookweed
MH	Sarcocornia quinqueflora	Beaded Glasswort
SH	Apium prostratum subsp. prostratum	Sea Celery
SH	Selliera radicans	Shiny Swamp-mat
MTG	Poa labillardierei	Common Tussock-grass
MTG	Poa poiformis	Coast Tussock-grass
MNG	Distichlis distichophylla	Australian Salt-grass
MNG	Ficinia nodosa	Knobby Club-sedge

Recruitment:

Continuous.

Organic Litter:

20 % cover

Weediness:

LF Code

Typical Weed Species Holcus lanatus Common Name Yorkshire Fog Invasive

Impact



EVC 53_62: Estuarine Swamp Scrub

Weediness:

LF Code MH

Typical Weed Species Hypochoeris radicata

Common Name Cat's Ear

Invasive high

Impact low

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East Gippsland Lowlands bioregion

EVC 55: Plains Grassy Woodland

Description:

An open, eucalypt woodland to 15 m tall occurring on a number of geologies and soil types. Occupies poorly drained, fertile soils on flat or gently undulating plains at low elevations. The understorey consists of a few sparse shrubs over a species-rich grassy and herbaceous ground layer.

Large trees: Species Eucalyptus spp.		DBH(cm) 80 cm	#/ha 10 / ha		
Tree Canopy C %cover 20%	over: Character Species Eucalyptus tereticornis ssp. me	ediana		imon Name sland Red-gum	
Medium Shrub Small Shrub Prostrate Shrub Large Herb Medium Herb Small or Prostra Large Tufted Gr Large Non-tufte Medium to Sma	te or Large Shrub ate Herb raminoid d Graminoid Il Tufted Graminoid Non-tufted Graminoid	# Sp 1 2 1 1 1 1 10 3 2 1 9 2 na	p %C0 5% 5% 10% 1% 1% 5% 20% 5% 5% 10% 35% 10% 10% 10%	over LF code IT T MS SS PS LH MH SH LTG LNG MTG MNG BL	
T MS SS PS MH MH SH SH LTG LNG MTG MTG MTG MTG	Species typical of at least Allocasuarina littoralis Kunzea ericoides Pimelea humilis Bossiaea prostrata Hypericum gramineum Oxalis perennans Dichondra repens Poranthera microphylla Austrostipa rudis Gahnia radula Themeda triandra Carex breviculmis Lomandra filiformis Schoenus apogon Microlaena stipoides var. stipoide		nge	Common Name Black Sheoak Burgan Common Rice-flow Creeping Bossiaea Small St John's Wo Grassland Wood-si Kidney-weed Small Poranthera Veined Spear-gras Thatch Saw-sedge Kangaroo Grass Common Grass-se Wattle Mat-rush Common Bog-sedg Weeping Grass	ver ort orrel s dge



Recruitment:

Continuous

Organic Litter:

10 % cover

Logs:

10 m/0.1 ha.

Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
LH	Plantago lanceolata	Ribwort	high	low
MH	Hypochoeris radicata	Cat's Ear	high	low
MH	Centaurium erythraea	Common Centaury	high	low
LNG	Holcus lanatus	Yorkshire Fog	high	high
MTG	Anthoxanthum odoratum	Sweet Vernal-grass	high	high
MNG	Romulea rosea	Onion Grass	high	low
MNG	Briza maxima	Large Quaking-grass	high	low
MNG	Briza minor	Lesser Quaking-grass	high	low

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East Gippsland Lowlands bioregion

EVC 82: Riverine Escarpment Scrub

Character English

Description:

Occurs on shallow colluvial soils along rocky cliffs and slopes associated with rivers and creeks and may extend onto alluvial terraces. Characterised by a large shrub layer to 10 m tail over a dense medium shrub layer and a ground layer, which can range from low to high diversity and consist of a variety of graminoids, grasses and herbs. Ferns can often be a major component of the ground stratum and emergent eucalypts may be present.

Canopy Cover: 0/- 001/01

	Kurrajong	
#Spp	%Cover	LF code
	5%	IT
7	20%	MS
1	1%	SS
3	5%	LH
10	10%	MH
2	5%	SH
2	5%	LTG
4	15%	MTG
2	10%	MNG
2	5%	GF
4	10%	SC
na	10%	BL
	7 1 3 10 2 2 4 2 2 4 2 4	Kurrajong Sweet Pitt #Spp %Cover 5% 7 20% 1 1% 3 5% 10 10% 2 5% 2 5% 4 15% 2 10% 2 5% 4 15% 2 5% 4 10%

LF Code		Species typical of at least part of EVC range	Common Name
MS		Cassinia trinerva	Three-nerved Cassir
MS		Kunzea ericoides	Burgan
MS		Hymenanthera dentata s.l.	Tree Violet
MS		Olearia phlogopappa	Dusty Daisy-bush
SS	k	Leucopogon juniperinus	Long-flower Beard-h
LH		Plectranthus parviflorus	Cockspur Flower
LH		Stypandra glauca	Nodding Blue-lily
LH		Solanum pungetium	Eastern Nightshade
MH		Cynoglossum australe	Australian Hound's-t
MH		Hypericum gramineum	Small St John's Wor
MH		Galium gaudichaudii	Rough Bedstraw
MH		Senecio hispidulus var. dissectus	Rough Fireweed
SH		Hydrocotyle laxiflora	Stinking Pennywort
SH		Dichondra repens	Kidney-weed
LTG		Gahnia melanocarpa	Black-fruit Saw-sedg
LTG		Carex longebrachiata	Bergalia Tussock
MTG		Lepidosperma laterale	Variable Sword-sedg
MTG		Notodanthonia longifolia	Long-leaf Wallaby-g
MTG	k	Elymus multiflorus	Short-awned Wheat
MTG		Carex breviculmis	Common Grass-sed
MNG		Microlaena stipoides var. stipoides	Weeping Grass
MNG		Entolasia marginata	Bordered Panic
GF		Pellaea falcata s.l.	Sickle Fern
GF		Cheilanthes austrotenuifolia	Green Rock-fern
SC		Marsdenia rostrata	Milk Vine
SC		Pandorea pandorana	Wonga Vine
SC		Glycine clandestina	Twining Glycine
SC		Clematis glycinoides var. glycinoides	Forest Clematis



Common Namo

inia heath -tongue rt lge lge grass t-grass lge



Recruitment:

Continuous

Organic Litter: 40 % cover

Logs:

5 m/0.1 ha. (note: large log class does not apply)

Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
MS	Lycium ferocissimum	African Box-thorn	low	high
MS	Rubus fruticosus spp. agg.	Blackberry	high	high
LH	Solanum nigrum sensu Willis (1972)	Black Nightshade	high	low
LH	Cirsium vulgare	Spear Thistle	high	low
MH	Euphorbia peplus	Petty Spurge	high	low
MH	Leontodon taraxacoides ssp. taraxacoides	Hairy Hawkbit	high	low
MH	Hypochoeris radicata	Cat's Ear	high	low
MH	Euphorbia lathyrus	Caper Spurge	high	high
SC	Galium aparine	Cleavers	high	low
LH	Conyza spp.	Fleabane	high	low

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East Gippsland Lowlands bioregion

EVC 133: Limestone Pomaderris Shrubland

Description:

Shrubland to 8 m tall occurring on exposed northern or western aspects associated with limestone cliffs and lake shores or rivers with an understorey dominated by medium shrubs. It is found at low altitudes of between 10-30 m above sea level and receives a moderate rainfall of approximately 700 mm per annum.

Canopy Cove	r:			
%cover	Character Species		Commo	n Name
10%	Allocasuarina verticillata		Drooping	Sheoak
	Banksia marginata		Silver Ban	iksia
_				
Understorey:				
Life form		#Spp	%Cover	LF code
	ree or Large Shrub	2	10%	Т
Medium Shrub		7	45%	MS
Small Shrub		2	1%	SS
Large Herb		5	5%	LH
Medium Herb		10	15%	MH
Small or Prost		3	5%	SH
Large Tufted (2	5%	LTG
	all Tufted Graminoid	7	20%	MTG
Scrambler or (3	5%	SC
Bryophytes/Lic	chens	na	10%	BL
Soil Crust		na	10%	S/C
LF Code	Species typical of at least part o	f FVC range	Com	nmon Name
MS	Dodonaea viscosa	i Lve runge		y Hop-bush
MS	Myoporum insulare		Boob	, ,
-	Pomaderris oraria ssp. calcicola			stone Pomaderris
	Pomaderris oraria			an Pomaderris
SS	Rhagodia candolleana ssp. candolleana			perry Saltbush
SS	Correa reflexa			mon Correa
PS	Astroloma humifusum			berry Heath
LH	Wahlenbergia gracilis s.l.			wling Bluebell
LH	Senecio quadridentatus			n Fireweed
MH	Oxalis perennans		Grass	sland Wood-sorrel
MH	, Daucus glochidiatus		Austr	alian Carrot
MH	Galium migrans		Wand	dering Bedstraw
SH	Dichondra repens		Kidne	ey-weed
SH	Hydrocotyle laxiflora		Stink	ing Pennywort
SH	Cymbonotus preissianus		Austr	al Bear's-ear
LTG	Lomandra longifolia		Spiny	/-headed Mat-rush
LTG	Austrostipa nodosa		Knot	ty Spear-grass
LTG	Austrostipa blackii		Crest	ed Spear-grass
MTG	Themeda triandra			aroo Grass
MTG	<i>Elymus scaber</i> var. <i>scaber</i>			mon Wheat-grass
MTG	<i>Dianella revoluta</i> s.l.			-anther Flax-lily
MTG	Notodanthonia longifolia			-leaf Wallaby-grass
GF	Pleurosorus rutifolius s.l.			ket Fern
SC	Clematis microphylla			I-leaved Clematis
SC	Tetragonia implexicoma		Bowe	er Spinach



Recruitment:

Continuous

Organic Litter:

40 % cover

Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
MS	Rosa rubiginosa	Sweet Briar	low	high
LH	Sonchus oleraceus	Common Sow-thistle	high	low
LH	Cirsium vulgare	Spear Thistle	high	high
LH	Centaurium tenuiflorum	Slender Centaury	high	low
MH	Centaurium erythraea	Common Centaury	high	low
MH	Anagallis arvensis	Pimpernel	high	low
MH	Taraxacum officinale spp. agg.	Garden Dandelion	high	low
MH	Galium murale	Small Goosegrass	high	low
MH	Petrorhagia velutina	Velvety Pink	high	low
MH	Cardamine hirsuta s.l.	Common Bitter-cress	high	low
MH	Stellaria media	Chickweed	high	low
MH	Veronica persica	Persian Speedwell	high	low
MH	Hypochoeris radicata	Cat's Ear	high	low
MTG	Catapodium rigidum	Fern Grass	high	low

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East Gippsland Lowlands bioregion

EVC 135: Gallery Rainforest

Description:

Closed forest to 20 m tall occurring along the fringes of substantial streams that periodically flood. The understorey comprises a number of willowy shrubs that can withstand flooding while mature woody vines are generally absent as are tree-ferns, these life-forms being swept away during floods.

Large trees: Species Various spp.		DBH(cm) 70 cm	#/ha 20 / ha		
Tree Canopy	Cover:				
%cover 50%	Character Species Tristaniopsis laurina Acacia melanoxylon			Commo Kanooka Blackwood	n Name
Understorey	/:				
Life form Immature Can	opy Tree	#Sp	p %		LF code
	ree or Large Shrub	4	20)%	Т
Medium Shrub		12	30)%	MS
Small Shrub		2	59	%	SS
Prostrate Shru	b	1	19	%	PS
Large Herb		1	19	%	LH
Medium Herb		6	10	0%	MH
Small or Prost	rate Herb	2	19	%	SH
Large Tufted C	Graminoid	4	15	5%	LTG
Large Non-tuff		1	19	-	LNG
Medium to Sm	all Tufted Graminoid	4	59	%	MTG
Medium to Tiny Non-tufted Graminoid		2	59	%	MNG
Ground Fern		6)%	GF
Tree Fern		1	19	-	TRF
Epiphyte		2	59	-	EP
Scrambler or C		8)%	SC
Bryophytes/Lic	chens	na	20)%	BL



EVC 135: Gallery Rainforest - East Gippsland Lowlands bioregion

LF Code T T MS	Species typical of at least part of EVC range Elaeocarpus reticulatus Rapanea howittiana Notelaea venosa	Common Name Blue Oliveberry Mutton-wood Large Mock-olive
MS MS	Coprosma quadrifida	Prickly Currant-bush River Lomatia
MS	Lomatia myricoides Leucopogon lanceolatus var. lanceolatus	Lance Beard-heath
PS	Platylobium formosum	Handsome Flat-pea
MH	Viola hederacea sensu Willis (1972)	Ivy-leaf Violet
MH	Geranium potentilloides	Cinquefoil Cranesbill
MH	Gratiola peruviana	Austral Brooklime
MH	Opercularia aspera	Coarse Stinkweed
SH	Dichondra repens	Kidney-weed
LTG	Lomandra longifolia	Spiny-headed Mat-rush
LTG	Gahnia sieberiana	Red-fruit Saw-sedge
LTG	Gahnia clarkei	Tall Saw-sedge
LNG	Tetrarrhena juncea	Forest Wire-grass
MTG	Dianella tasmanica	Tasman Flax-lily
MTG	Dianella caerulea var. caerulea	Paroo Lily
MTG	Isolepis inundata	Swamp Club-sedge
MTG	Poa sieberiana	Grey Tussock-grass
MNG	Microlaena stipoides var. stipoides	Weeping Grass
MNG	Oplismenus hirtellus	Australian Basket-grass
GF	Blechnum nudum	Fishbone Water-fern
GF	Adiantum aethiopicum	Common Maidenhair
GF	Calochlaena dubia	Common Ground-fern
GF	Blechnum cartilagineum	Gristle Fern
TRF	Cyathea australis	Rough Tree-fern
EP	Hymenophyllum cupressiforme	Common Filmy Fern
SC	Eustrephus latifolius	Wombat Berry
SC	Smilax australis	Austral Sarsaparilla
SC	Tylophora barbata	Bearded Tylophora
SC	Clematis aristata	Mountain Clematis

Recruitment:

Continuous

Organic Litter:

40 % cover

Logs:

20 m/0.1 ha.

Weediness:

LF Code	Typical Weed Species	C
LH	Conyza spp.	F
MH	Prunella vulgaris	S
MH	Hypochoeris radicata	С

Common Name	
Fleabane	
Self-heal	
Cat's Ear	

Invasive Impact high low high low high low

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East Gippsland Lowlands bioregion

EVC 141: Sandy Flood Scrub

Description:

Structurally dominated by medium to large shrubs to 8 m tall with occasional eucalypt emergents. The understorey may contain a range of shrubs, grasses/sedges and herbs/ferns depending on location and period of inundation. Occupies alluvial terraces with coarse to fine sandy soils of permanent streams and rivers.

Canopy Cover %cover 40%	Character Species Leptospermum continentale Kunzea ericoides Pomaderris aspera Acacia mearnsii	Common Name Prickly Tea-tree Burgan Hazel Pomaderris Black Wattle		
Understorey:				
Life form		#Spp	%Cover	LF code
Medium Shrub		3	15%	MS
Small Shrub		1	1%	SS
Medium Herb		2	5%	MH
Small or Prostra	ate Herb	1	1%	SH
Large Tufted G	raminoid	3	15%	LTG
Large Non-tufte	ed Graminoid	1	10%	LNG
Medium to Sma	all Tufted Graminoid	1	1%	MTG
Medium to Tiny	/ Non-tufted Graminoid	2	5%	MNG
Ground Fern		1	5%	GF
Bryophytes/Licl	hens	na	20%	BL
Total under	storey projective foliage cover		70%	
LF Code	Species typical of at least part of	of EVC range	Com	nmon Name
MS	Monotoca scoparia	i Life lange	••••	ly Broom-heath
MS	Banksia marginata			' Banksia
MS	Callistemon citrinus			son Bottlebrush
SS	Hibbertia fasciculata var. prostrata		0	led Guinea-flower
MH	Phyllanthus hirtellus			ne Spurge
LTG	Lomandra longifolia			-headed Mat-rush
LTG	Poa labillardierei			non Tussock-grass
LTG	Carex appressa			Sedge
LNG	Lepidosperma longitudinale			Sword-sedge
MNG	Caustis flexuosa		Curly	
MNG	Microlaena stipoides var. stipoides		,	oing Grass
TTG	<i>Centrolepis strigosa</i> ssp. <i>strigosa</i>			Centrolepis
GF	Pteridium esculentum		Austr	al Bracken
GF	Adiantum aethiopicum		Comr	non Maidenhair
Recruitment:				

Episodic/Flood. Desirable period between disturbances is 5 years.

Organic Litter:

10 % cover

Logs: 5 m/0.1 ha. (note: large log class does not apply)

Weediness:

There are no consistent weeds in this EVC.



EVC 141: Sandy Flood Scrub – East Gippsland Lowlands bioregion

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East Gippsland Lowlands bioregion

EVC 151: Plains Grassy Forest

Description:

Open forest to 20 m tall often above a heathy shrub layer and a diverse grassy, sedgy and herbaceous ground layer. Occurs on lowland plains and old river terraces made up of gravelly sandy clays.

Large trees: Species Eucalyptus spp		DBH(cm) 70 cm	#/ha 20 / ha		
Tree Canopy C	Cover:				
%cover 30%	Character Species Eucalyptus muelleriana Eucalyptus bridgesiana s.l. Eucalyptus polyanthemos Eucalyptus macrorhyncha Eucalyptus botryoides Eucalyptus globoidea			Common Yellow Strin But But Red Box Red Stringyl Southern Ma White String	gybark bark ahogany
Understorey:		#C-		04 0	I E anda
Life form		#Sp	р	%Cover 5%	LF code
Immature Cano	ee or Large Shrub	3		5% 15%	T
Medium Shrub		6		20%	MS
Small Shrub		3		5%	SS
Prostrate Shruk)	2		5%	PS
Large Herb	-	3		5%	LH
Medium Herb		6		10%	MH
Small or Prostra	ate Herb	2		5%	SH
Large Tufted G	raminoid	2		10%	LTG
Large Non-tufte		1		5%	LNG
	all Tufted Graminoid	4		15%	MTG
	/ Non-tufted Graminoid	2		1%	MNG
Ground Fern		2		10%	GF
Bryophytes/Licl	nens	na		10%	BL



EVC 151: Plains Grassy Forest – East Gippsland Lowlands bioregion

LF Code	Species typical of at least part of EVC range	Common Name
Т	Allocasuarina littoralis	Black Sheoak
Т	Acacia mearnsii	Black Wattle
Т	Acacia implexa	Lightwood
Т	Exocarpos cupressiformis	Cherry Ballart
MS	Leptospermum continentale	Prickly Tea-tree
MS	Banksia marginata	Silver Banksia
MS	Kunzea ericoides	Burgan
MS	Melaleuca parvistaminea	Rough-barked Honey-myrtle
SS	Pimelea humilis	Common Rice-flower
SS	Hibbertia riparia	Erect Guinea-flower
SS	Platylobium obtusangulum	Common Flat-pea
SS	Phyllanthus hirtellus	Thyme Spurge
PS	Acrotriche serrulata	Honey-pots
PS	Bossiaea prostrata	Creeping Bossiaea
PS	Astroloma humifusum	Cranberry Heath
LH	Tricoryne elatior	Yellow Rush-lily
LH	Wahlenbergia gracilis s.l.	Sprawling Bluebell
MH	Poranthera microphylla	Small Poranthera
MH	Hypericum gramineum	Small St John's Wort
MH	Hydrocotyle hirta	Hairy Pennywort
MH	Gonocarpus tetragynus	Common Raspwort
SH	Dichondra repens	Kidney-weed
SH	Oxalis corniculata s.l.	Yellow Wood-sorrel
SH	Opercularia varia	Variable Stinkweed
LTG	Xanthorrhoea minor ssp. lutea	Small Grass-tree
LTG	Lomandra longifolia	Spiny-headed Mat-rush
LNG	Gahnia radula	Thatch Saw-sedge
MTG	Themeda triandra	Kangaroo Grass
MTG	<i>Poa australis</i> spp. agg.	Tussock Grass
MTG	Lomandra filiformis	Wattle Mat-rush
MTG	Lepidosperma laterale	Variable Sword-sedge
MNG	Microlaena stipoides var. stipoides	Weeping Grass
MNG	Entolasia marginata	Bordered Panic
GF	Pteridium esculentum	Austral Bracken

Recruitment:

Continuous

Organic Litter:

20 % cover

Logs:

20 m/0.1 ha.

Weediness:

LF Code	Typical Weed Species
LH	Centaurium tenuiflorum
MH	Hypochoeris radicata
MH	Centaurium erythraea

Common Name Slender Centaury

Cat's Ear **Common Centaury** Invasive high high high

Impact low low low

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East Gippsland Lowlands bioregion

EVC 169: Dry Valley Forest

Description:

Open eucalypt forest to 20 m tall occurring along minor gullies, ephemeral streams and river flats. The overstorey may contain a range of eucalypts typical of drier environments over an understorey of scattered shrubs and a notably mossy herb-rich groundcover.

Large trees: Species Eucalyptus s	op.	DBH(cm) 70 cm	#/ha 20 / ha		
Tree Canopy %cover 30%	Cover: Character Species Eucalyptus baueriana			Commo Blue Box	n Name
Medium Shru Medium Herb Small or Pros Large Tufted Medium to S	nnopy Tree Tree or Large Shrub ib strate Herb Graminoid mall Tufted Graminoid iny Non-tufted Graminoid Climber	#Sp 4 4 9 4 1 1 2 3 3 3 na	PP % 5% 159 409 109 5% 5% 109 109 5% 109	% % % % % % %	LF code IT T MS MH SH LTG MTG MNG GF SC BL
LF Code T T MS MS MS MS MS MH MH SH SH SH SH SH SH SH SH SH SH SH SH SH	Species typical of at lease Acacia melanoxylon Exocarpos cupressiformis Pomaderris aspera Olearia lirata Melaleuca ericifolia Correa reflexa Coprosma quadrifida Hydrocotyle hirta Geranium potentilloides Galium gaudichaudii Opercularia hispida Oxalis corniculata s.l. Hydrocotyle tripartita Dichondra repens Gahnia clarkei Lepidosperma laterale Microlaena stipoides var. stipoid Luzula campestris spp. agg. Pteridium esculentum Pellaea falcata s.l. Asplenium flabellifolium Smilax australis Eustrephus latifolius Clematis aristata		ange	Black Chern Haze Snow Swar Com Prick Hairy Cinqu Roug Hairy Yello Slenc Kidne Tall S Varia Weep Field Austr Sickle Neck Austr	amon Name wood ry Ballart I Pomaderris yy Daisy-bush np Paperbark mon Correa ly Currant-bush o Pennywort uefoil Cranesbill h Bedstraw o Stinkweed w Wood-sorrel der Pennywort ey-weed Saw-sedge ble Sword-sedge ble Sword-sedge bing Grass Woodrush ral Bracken e Fern lace Fern ral Sarsaparilla ibat Berry ntain Clematis



Recruitment:

Continuous

Organic Litter: 40 % cover

Logs: 20 m/0.1 ha.

Weediness:

LF Code LH MH MH MH

Typical Weed Species Cirsium vulgare Cerastium glomeratum s.l. Hypochoeris radicata Polycarpon tetraphyllum

Common Name Spear Thistle Common Mouse-ear Chickweed Cat's Ear Four-leaved Allseed

Invasive Impact high high high low high low high high

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East Gippsland Lowlands bioregion

EVC 175.61: Rainshadow Grassy Woodland

Description:

A variable open eucalypt woodland to 15m tall over a diverse ground layer of grasses and herbs. The shrub component is usually sparse. It occurs on sites with moderate fertility on gentle slopes or undulating hills on a range of geologies.

Large trees: Species			#/ha		
Eucalyptus sp		DBH(cm) 70 cm	# 711a 15 / ha		
Tree Canopy			-		
%cover	Character Species			ommon Name	
15%	Eucalyptus albens		VVn	nite Box	
Understorey	:				
Life form		#Sp	p %Co	over LF code	
Immature Ca			5%	IT	
Understorey	Tree or Large Shrub	4	15%	Т	
Medium Shru	b	4	15%	MS	
Small Shrub		2	5%	SS	
Large Herb		4	5%	LH	
Medium Herb)	8	15%	MH	
Small or Pros	trate Herb	3	5%	SH	
Large Tufted	Graminoid	1	1%	LTG	
Medium to Sr	mall Tufted Graminoid	5	20%	MTG	
Medium to Ti	ny Non-tufted Graminoid	1	5%	MNG	
Ground Fern		2	5%	GF	
Scrambler or	Climber	3	5%	SC	
Bryophytes/L	ichens	na	10%	BL	
LF Code	Species typical of at leas	t part of EVC ra	inge	Common Name	
Т	Acacia mearnsii	•	5	Black Wattle	
Т	Acacia implexa			Lightwood	
Т	Brachychiton populneus ssp. po	opulneus		Kurrajong	
MS	Cassinia longifolia	,		Shiny Cassinia	
MS	Kunzea ericoides			Burgan	
MS	Ozothamnus conditus			Pepper Everlasting	
MS	Indigofera australis			Austral Indigo	
SS	Lissanthe strigosa ssp. subulata	9		Peach Heath	
PS	Astroloma humifusum			Cranberry Heath	
LH	<i>Wahlenbergia gracilis</i> s.l.			Sprawling Bluebell	
LH	Senecio quadridentatus			Cotton Fireweed	
MH	Hypericum gramineum			Small St John's Wort	
MH	Stellaria pungens			Prickly Starwort	
SH	Dichondra repens			Kidney-weed	
SH	Hydrocotyle laxiflora			Stinking Pennywort	
SH	Cymbonotus preissianus			Austral Bear's-ear	
MTG	Carex breviculmis			Common Grass-sedge	
MTG	Poa sieberiana			Grey Tussock-grass	
MTG	<i>Elymus scaber</i> var. <i>scaber</i>			Common Wheat-grass	
MTG	Lepidosperma laterale			Variable Sword-sedge	
GF	Cheilanthes austrotenuifolia			Green Rock-fern	
SC	Clematis microphylla			Small-leaved Clematis	
SC	Glycine clandestina			Twining Glycine	
SC	Glycine tabacina s.l.			Variable Glycine	



Recruitment:

Continuous

Organic Litter: 20 % cover

Logs:

15 m/0.1 ha.

Weediness:

LF Code MS

MH MH **Typical Weed Species** Rosa rubiginosa Hypochoeris radicata Centaurium erythraea

Common Name Sweet Briar

Cat's Ear **Common Centaury** Invasive Impact low high high low high low

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East Gippsland Lowlands bioregion

EVC 175.62: Limestone Grassy Woodland

Description:

.....

A variable open eucalypt woodland to 15 m tall over a diverse ground layer of grasses and herbs. The shrub component is usually sparse. It occurs on sites with moderate fertility on gentle slopes or undulating hills on limestone-derived soils.

Large trees:					
Species		DBH(cm)	#/ha		
<i>Eucalyptus</i> spp).	70 cm	15 / ha		
Tree Canopy C					
%cover	Character Species		Co	ommon	Name
15%	Eucalyptus melliodora		Ye	llow Box	
	Eucalyptus mannifera ssp. mai	nnifera	Bri	ttle Gum	
Understorey:					
Life form		#Sp	n %C	over	LF code
Immature Can		# 5 P	5%	over	IT
	ee or Large Shrub	3	10%		T
Medium Shrub	ee of Earge Shirdb	3	15%		MS
Small Shrub		2	5%		SS
Large Herb		4	5%		LH
Medium Herb		8	15%		MH
Small or Prostr	ate Herb	3	10%		SH
Large Tufted G		1	5%		LTG
5	all Tufted Graminoid	5	25%		MTG
	y Non-tufted Graminoid	1	23% 5%		MNG
Ground Fern		2	5%		GF
	limbor	2	5% 5%		SC
Scrambler or Climber			5% 10%		BL
Bryophytes/Lic	nens	na	10%		DL
LF Code	Species typical of at least	t part of EVC ra	nge	Comr	non Name
Т	Acacia mearnsii			Black \	Vattle
Т	Acacia melanoxylon			Blackw	lood
MS	Hymenanthera dentata s.l.			Tree V	iolet
MS	<i>Bursaria spinosa</i> ssp. <i>spinosa</i>			Sweet	Bursaria
MS	Kunzea ericoides			Burgar	ı
PS	Astroloma humifusum				erry Heath
LH	Wahlenbergia gracilis s.l.			Sprawl	ing Bluebell
LH	Senecio quadridentatus				Fireweed
MH	Hypericum gramineum			Small S	St John's Wort
MH	Acaena echinata			Sheep'	s-burr
MH	Acaena novae-zelandiae			•	-widgee
MH	Oxalis perennans				and Wood-sorrel
SH	Hydrocotyle laxiflora				g Pennywort
SH	Dichondra repens			Kidney	
LTG	Poa labillardierei				on Tussock-grass
MTG	Carex breviculmis				on Grass-sedge
MTG	Themeda triandra				roo Grass
MTG	Bothriochloa macra				g Grass
MTG	Elymus scaber var. scaber				on Wheat-grass
MNG	Microlaena stipoides var. stipoid	les			ng Grass
MNG	Echinopogon ovatus				hog Grass
GF	Pteridium esculentum				Bracken
SC	Clematis microphylla			Small-I	eaved Clematis
SC	Glycine clandestina				g Glycine



Recruitment:

Continuous

Organic Litter:

20 % cover

Logs:

15 m/0.1 ha.

Weediness:

LF Code	Typical Weed Species	Common Name	Invasive	Impact
MS	Rosa rubiginosa	Sweet Briar	low	high
MS	Rubus fruticosus spp. agg.	Blackberry	high	high
MH	Hypochoeris radicata	Cat's Ear	high	low
MH	Centaurium erythraea	Common Centaury	high	low
MH	Plantago lanceolata	Ribwort	high	low
LH	Cirsium vulgare	Spear Thistle	high	high

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East Gippsland Lowlands bioregion

EVC 177: Valley Slopes Dry Forest

Description:

Open eucalypt forest to 20 m tall. Occurs on steep, eroding slopes. Soils are skeletal though fertile and well-drained, with occasional rock outcropping which constantly erodes and falls into the river where it undercuts steep slopes. The unconsolidated soils are partially due to low biomass in the vegetation, which does little to bind the soil. This EVC carries a mixture of wet and dry species as river fogs and river margins provide increased moisture and hence the understorey consists of a mix of species common to both drier and wetter sites that do not usually occur together.

Large trees: Species Eucalyptus spp		DBH(cm) 70 cm	#/ha 20 / ha		
Tree Canopy C %cover 30%	Cover: Character Species <i>Eucalyptus polyanthemos</i> <i>Eucalyptus melliodora</i> <i>Eucalyptus elata</i>		Re Ye	d Box Ilow Box Ver Pepp	-
Medium Shrub Prostrate Shrub Large Herb Medium Herb Small or Prostru Medium to Sma Medium to Tiny Scrambler or C Bryophytes/Licl	ee or Large Shrub ate Herb all Tufted Graminoid / Non-tufted Graminoid limber	#Sp 2 5 1 1 3 1 3 1 2 na over	%C 5% 15% 20% 5% 10% 5% 10% 5% 10% 5% 10% 5% 20% 5% 10% 5% 10% 5% 10% 5% 10% 5% 10% 5%		LF code IT T MS PS LH MH SH MTG MNG SC BL
LF Code T T MS MS MS PS LH MH MH MH SH MTG MTG MTG MTG MTG MTG MTG SC K SC K	Species typical of at least Exocarpos cupressiformis Acacia silvestris Phyllanthus gunnii Philotheca trachyphylla Hymenanthera dentata s.l. Cassinia trinerva Xanthosia dissecta s.l. Plectranthus parviflorus Stellaria flaccida Rumex brownii Einadia hastata Oxalis chnoodes Notodanthonia longifolia Lepidosperma laterale Poa sieberiana var. sieberiana Microlaena stipoides var. stipoid Clematis microphylla var. leptop Marsdenia rostrata	es	nge	Cherr Red V Shrub Rock Tree Cut-le Cocks Fores Slend Saloo Plains Long- Varial Grey Weep	by Spurge Wax-flower Violet e-nerved Cassinia eaf Xanthosia epur Flower t Starwort er Dock p Wood-sorrel leaf Wallaby-grass ole Sword-sedge Tussock-grass ing Grass ton Vine



EVC 177: Valley Slopes Dry Forest -East Gippsland Lowlands bioregion

Recruitment:

Continuous

Organic Litter:

40 % cover

Logs: 20 m/0.1 ha.

Weediness:

LF Code	Typical Weed Species	Common N
SS	Rubus sp. aff. armeniacus	Blackberry
LH	Sonchus asper s.l.	Rough Sow-th
MH	Hypochoeris radicata	Cat's Ear
MH	Moenchia erecta	Erect Chickwe
MH	<i>Cerastium glomeratum</i> s.l.	Common Mou
MH	Aphanes arvensis	Parsley Piert
MTG	Vulpia bromoides	Squirrel-tail Fe
MNG	Aira cupaniana	Quicksilver Gra
MNG	Aira caryophyllea	Silvery Hair-gr

Common Name	Invasive	Impact
Blackberry	high	high
Rough Sow-thistle	high	low
Cat's Ear	high	low
Erect Chickweed	high	low
Common Mouse-ear Chickweed	high	low
Parsley Piert	high	low
Squirrel-tail Fescue	high	low
Quicksilver Grass	high	low
Silvery Hair-grass	high	low

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East Gippsland Lowlands bioregion

EVC 191: Riparian Scrub

Description:

A dense shrubland to 6 m tall with occasional eucalypt emergents growing on waterlogged substrates often with a peaty surface horizon. Emergent eucalypts may be occasionally present. The understorey is often species-poor and consists typically of sedges tolerant of seasonal waterlogging. Occurs along creeks and minor stream tributaries of the lowland plains.

Canopy Cover: %cover 60%	Character Species <i>Melaleuca squarrosa</i> <i>Leptospermnum continentale</i>		Commo Scented P Prickly Te	aperbark
Medium to Tiny Ground Fern Scrambler or Cli Bryophytes/Lich	aminoid d Graminoid II Tufted Graminoid Non-tufted Graminoid mber	#Spp 3 1 1 1 1 1 3 1 2 na	%Cover 10% 1% 1% 10% 5% 1% 15% 5% 15% 20% 80%	LF code MS SS MH SH LTG LNG MTG MNG GF SC BL
MS MS MS SS MH LTG LNG MNG MNG GF SC SC	Species typical of at least part of Coprosma quadrifida Ozothamnus ferrugineus Acacia verticillata Ozothamnus rosmarinifolius Amperea xiphoclada var. xiphoclada Gonocarpus tetragynus Selaginella uliginosa Gahnia sieberiana Lepidosperma longitudinale Baumea tetragona Schoenus brevifolius Empodisma minus Pteridium esculentum Gleichenia microphylla Billardiera scandens Cassytha glabella	f EVC range	Prickl Tree Prickl Rose Broor Comr Swan Red-1 Pithy Squa Zig-z Sprea Austr Scrar Comr	y Currant-bush Everlasting y Moses mary Everlastiong n Spurge non Raspwort np Selaginella ruit Saw-sedge Sword-sedge re Twig-rush ag Bog-sedge ading Rope-rush al Bracken nbling Coral-fern non Apple-berry ler Dodder-laurel

Recruitment:

Continuous

Organic Litter:

40 % cover

Weediness:

There are no consistent weeds in this EVC.



EVC 191: Riparian Scrub – East Gippsland Lowlands bioregion

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East Gippsland Lowlands bioregion

EVC 316: Shrubby Damp Forest

Description:

Grows in gullies and on protected slopes on relatively skeletal but fertile sedimentary soils. Eucalypt forest to 30 m tall with a dense mid stratum comprised of medium to large shrubs characteristic of both drier and damper environments. The ground layer has a sparse cover of grasses and herbs, and commonly includes Austral Bracken.

Large trees: Species Eucalyptus spp.		DBH(cm) 90 cm	#/ha 20 / ha		
Tree Canopy Cover:					
%coverCharacter S40%Eucalyptus cypEucalyptus obl	pellocarpa			Common Mountain (Messmate	
Understorey:					
Life form		#Sp	p (%Cover	LF code
Immature Canopy Tree				5%	IT
Understorey Tree or Large Shru	b	3		20%	Т
Medium Shrub		8	-	30%	MS
Small Shrub		2	-	5%	SS
Large Herb		4		10%	LH
Medium Herb		9		20%	MH
Small or Prostrate Herb		2		5%	SH
Large Tufted Graminoid		2		10%	LTG
Large Non-tufted Graminoid		1		1%	LNG
Medium to Small Tufted Gramin		4		10%	MTG
Medium to Tiny Non-tufted Grar	ninoid	1		1%	MNG
Ground Fern		2		15%	GF
Tree Fern		1		1%	TRF
Scrambler or Climber		2	-	5%	SC
Bryophytes/Lichens		na		20%	BL



EVC 316: Shrubby Damp Forest - East Gippsland Lowlands bioregion

LF Code	Species typical of at least part of EVC range Acacia dealbata Pomaderris aspera	Common Name Silver Wattle Hazel Pomaderris
MS	Cassinia longifolia	Shiny Cassinia
MS	Coprosma quadrifida	Prickly Currant-bush
MS	Pimelea axiflora	Bootlace Bush
MS	Olearia lirata	Snowy Daisy-bush
SS	Hibbertia obtusifolia	Grey Guinea-flower
LH	Stypandra glauca	Nodding Blue-lily
LH	Senecio quadridentatus	Cotton Fireweed
LH	Senecio linearifolius	Fireweed Groundsel
MH	Viola hederacea sensu Willis (1972)	Ivy-leaf Violet
MH	Lagenophora stipitata	Common Bottle-daisy
MH	Gonocarpus tetragynus	Common Raspwort
LTG	Lomandra longifolia	Spiny-headed Mat-rush
LNG	Tetrarrhena juncea	Forest Wire-grass
MTG	Dianella tasmanica	Tasman Flax-lily
MTG	Poa australis spp. agg.	Tussock Grass
MNG	Microlaena stipoides var. stipoides	Weeping Grass
GF	Pteridium esculentum	Austral Bracken
GF	Polystichum proliferum	Mother Shield-fern
SC	Clematis aristata	Mountain Clematis
SC	Billardiera scandens	Common Apple-berry
- ··		

Recruitment:

Continuous

Organic Litter:

50 % cover

Logs:

30 m/0.1 ha.

Weediness:

LF Code MH ΜН

Typical Weed Species Hypochoeris radicata Cerastium glomeratum s.l.

Common Name Cat's Ear Common Mouse-ear Chickweed Invasive Impact high low high low

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East Gippsland Lowlands bioregion

EVC 863: Floodplain Reedbed

Description:

A closed to open grassland to 2–3 m tall, dominated by Common Reed. Small aquatic and semi-aquatic species occur amongst the reeds. It occurs on swamps on river plains, especially the lower reaches of the floodplain. Soils are Quaternary stream alluvium with floodplain and low level terrace deposits consisting of silt, clay and peat. Swamp Paperbark frequently fringes the margins of these reed beds.

Life Forms:			
Life form	#Spp	%Cover	LF code
Medium Shrub	1	5%	MS
Large Herb	2	10%	LH
Medium Herb	2	5%	MH
Small or Prostrate Herb	2	5%	SH
Medium to Small Tufted Graminoid	1	5%	MTG
Large Non-tufted Graminoid	2	30%	LNG
Scrambler or Climber	1	1%	SC
Total understorey projective foliage cover		60%	

LF Code	Species typical of at least part of EVC range	Common Name
MS	Solanum aviculare	Kangaroo Apple
MH	Myriophyllum crispatum	Upright Water-milfoil
LH	Lycopus australis	Australian Gipsywort
LH	Urtica incisa	Scrub Nettle
SH	Mimulus repens	Creeping Monkey-flower
LNG	Phragmites australis	Common Reed
LNG MTG SC	Phragmites australis Triglochin procerum s.l. Calystegia sepium	Water Ribbons Large Bindweed

Recruitment:

Episodic/Flood. Desirable period between disturbances is 5 years.

Organic Litter:

10% cover

Weediness:

LF Code	Typica
LH	Aster se
MH	Cotula (

ical Weed Species r subulatus la coronopifolia **Common Name** Aster-weed Water Buttons **Invasive** high high

Impact low high



EVC 863: Floodplain Reedbed – East Gippsland Lowlands bioregion

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East Gippsland Lowlands bioregion

EVC 877: Lowland Herb-rich Forest

Description:

Primarily occurs in gullies and along lower slopes close to minor drainage lines. Soils are reasonably fertile colluvial loams. Open eucalypt forest to 20 m tall with a range of medium shrubs conspicuous in the mid-stratum. The ground layer is dominated by a dense cover of grasses and a high diversity of tussock-forming graminoids and herbs.

Large trees: Species Eucalyptus spp.		DBH(cm 70 cm)	#/ha 20 / ha		
Tree Canopy Co	over:					
%cover 30%	Character Species <i>Eucalyptus cypellocarpa</i> <i>Eucalyptus globoidea</i> <i>Eucalyptus polyanthemos</i>				Commo Mountain White Strin Red Box	Grey-gum
Understorey:						
Life form			#Spj	כ	%Cover	LF code
Immature Canop					5%	IT
Understorey Tree or Large Shrub			3		10%	Т
Medium Shrub			4		20%	MS
Small Shrub			1		1%	SS
Prostrate Shrub			1		5%	PS
Large Herb			2		5%	LH
Medium Herb			13		30%	MH
Small or Prostrat	e Herb		4		5%	SH
Large Non-tufted			1		15%	LTG
	Tufted Graminoid		5		5%	MTG
	Non-tufted Graminoid		2		10%	MNG
Bryophytes/Liche	ens		na		10%	BL



EVC 877: Lowland Herb-rich Forest - East Gippsland Lowlands bioregion

LF_Code	Species typical of at least part of EVC range	Common Name
T	Acacia mearnsii	Black Wattle
MS	r <i>Zieria smithii</i>	Sandfly Zieria
MS	Kunzea ericoides	Burgan
MS	Cassinia longifolia	Shiny Cassinia
MS	Cassinia aculeata	Common Cassinia
MS	Melaleuca parvistaminea	Rough-barked Honey-myrtle
SS	Pimelea humilis	Common Rice-flower
PS	Bossiaea prostrata	Creeping Bossiaea
LH	Stypandra glauca	Nodding Blue-lily
LH	Senecio tenuiflorus	Slender Fireweed
MH	Hypericum gramineum	Small St John's Wort
MH	Lagenophora stipitata	Common Bottle-daisy
MH	Pterostylis concinna	Trim Greenhood
SH	Opercularia varia	Variable Stinkweed
SH	Hydrocotyle laxiflora	Stinking Pennywort
SH	Oxalis exilis	Shady Wood-sorrel
SH	Dichondra repens	Kidney-weed
LNG	Gahnia radula	Thatch Saw-sedge
MTG	Luzula meridionalis	Common Woodrush
MTG	Lomandra filiformis ssp. coriacea	Wattle Mat-rush
MTG	Poa sieberiana	Grey Tussock-grass
MTG	Dianella caerulea var. caerulea	Paroo Lily
MNG	Microlaena stipoides var. stipoides	Weeping Grass
MNG	Entolasia marginata	Bordered Panic
SC	Comesperma volubile	Love Creeper

Continuous

Organic Litter:

40 % cover

Logs:

20 m/0.1 ha.

Weediness:

LF Code	Typica
MS	Rubus I
LH	Conyza
LH	Centau
MH	Hypoch
MH	Prunella
MH	Cerasti
SH	Trifoliu

al Weed Species

Rubus fruticosus spp. agg.
Conyza bonariensis
Centaurium tenuiflorum
Hypochoeris radicata
Prunella vulgaris
Cerastium glomeratum s.l.
Trifolium repens var. repens

Common Name	Invasive	Impact
Blackberry	high	high
Flaxleaf Fleabane	high	low
Slender Centaury	high	low
Cat's Ear	high	low
Self-heal	high	low
Common Mouse-ear Chickweed	high	low
White Clover	high	low

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East Gippsland Lowlands bioregion

EVC 953: Estuarine Scrub

Description:

Closed scrub to 6 m tall growing on the edge of estuarine waterbodies such as creeks, rivers and lagoons with intermediate salinity and poor drainage conditions. Dominated by Swamp Paperbark *Melaleuca ericifolia* with a halophytic (succulent) ground layer dominated by graminoids and herbs. Often occurs in close association with Estuarine Wetland.

Canopy Cover			6	N
%cover 50%	Character Species Melaleuca ericifolia		Common Swamp Pap	
5070			Swamp Fap	
Understorey:				
Life form		#Spp	%Cover	LF code
Medium Shrub		2	10%	MS
Medium Herb		3	20%	MH
Small or Prostrate Herb 2			5%	SH
Medium to Small Tufted Graminoid 2			10%	MTG
Medium to Tiny Non-tufted Graminoid 2		15%	MNG	
Total under	storey projective foliage cover		55%	
LF Code	Species typical of at least part of	f FVC range	Com	nmon Name
MS	Rhagodia candolleana ssp. candolleana	LVCTange		erry Saltbush
MS	Atriplex cinerea			t Saltbush
MH	Samolus repens			ping Brookweed
MH	Chenopodium glaucum			cous Goosefoot
MH	Sarcocornia quinqueflora			ed Glasswort
SH	Selliera radicans		Shiny	/ Swamp-mat
SH	Apium prostratum ssp. prostratum		,	Celery
MTG	Poa poiformis			Tussock-grass
MTG	Poa labillardierei			mon Tussock-grass
MNG	Ficinia nodosa		Knob	by Club-sedge

Recruitment:

Continuous

MNG

Organic Litter:

20 % cover

Weediness:

LF Code	٦
MH	
LNG	

Typical Weed Species Hypochoeris radicata Holcus lanatus

Distichlis distichophylla

Common Name Cat's Ear Yorkshire Fog **Invasive** high high

Australian Salt-grass

Impact low high



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