

EVC/Bioregion Benchmark for Vegetation Quality Assessment Highlands – Far East bioregion

EVC 33: Cool/Warm Temperate Rainforest Overlap

Description:

Closed forest to 20m tall restricted to deeply incised river valleys of moderate gradient and associated steep gullies in rugged mountain country on a variety of southerly aspects at an elevation of 650 to 750 m. 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	DBH(cm)	#/ha
<i>Acmena/Elaeocarpus/Atherosperma/Pomaderris</i>	70 cm	20 / ha

Tree Canopy Cover:

%cover	Character Species	Common Name
50%	<i>Acmena smithii</i>	Lilly Pilly
	<i>Atherosperma moschatum</i>	Southern Sassafras
	<i>Elaeocarpus holopetalus</i>	Black Oliveberry
	<i>Pomaderris aspera</i>	Hazel Pomaderris

Understorey:

Life form	#Spp	%Cover	LF code
Immature Canopy Tree		5%	IT
Understorey Tree or Large Shrub	5	25%	T
Medium Shrub	6	15%	MS
Large Herb	2	1%	LH
Medium Herb	3	5%	MH
Small or Prostrate Herb	1	1%	SH
Large Tufted Graminoid	2	1%	LTG
Large Non-tufted Graminoid	2	1%	LNG
Medium to Small Tufted Graminoid	2	5%	MTG
Ground Fern	8	25%	GF
Tree Fern	3	20%	TRF
Epiphyte	4	5%	EP
Scrambler or Climber	7	20%	SC
Bryophytes/Lichens	na	20%	BL

EVC 33: Cool/Warm Temperate Rainforest Overlap Highlands - Far East bioregion

LF Code	Species typical of at least part of EVC range	Common Name
T	<i>Acacia melanoxylon</i>	Blackwood
T	v <i>Eucryphia moorei</i>	Leatherwood
T	<i>Rapanea howittiana</i>	Muttonwood
T	<i>Pittosporum bicolor</i>	Banyalla
MS	<i>Coprosma quadrifida</i>	Prickly Currant-bush
MS	<i>Hedycarya angustifolia</i>	Austral Mulberry
MS	<i>Telopea oreodes</i>	Gippsland Waratah
MS	<i>Tasmania lanceolata</i>	Mountain Pepper
MH	<i>Viola hederacea</i> sensu Willis (1972)	Ivy-leaf Violet
MH	<i>Australina pusilla</i> ssp. <i>muelleri</i>	Shade Nettle
GF	<i>Polystichum proliferum</i>	Mother Shield-fern
GF	<i>Blechnum patersonii</i> ssp. <i>patersonii</i>	Strap Water-fern
GF	<i>Lastreopsis acuminata</i>	Shiny Shield-fern
GF	<i>Blechnum cartilagineum</i>	Gristle Fern
TRF	<i>Dicksonia antarctica</i>	Soft Tree-fern
TRF	<i>Cyathea australis</i>	Rough Tree-fern
TRF	Rr <i>Cyathea cunninghamii</i>	Slender Tree-fern
TRF	r <i>Cyathea X. marcescens</i>	Skirted Tree-fern
EP	<i>Fieldia australis</i>	Fieldia
EP	<i>Grammitis billardieri</i>	Common Finger-fern
EP	<i>Hymenophyllum australe</i>	Austral Filmy Fern
EP	<i>Microsorium scandens</i>	Fragrant Fern
EP	<i>Microsorium pustulatum</i> ssp. <i>pustulatum</i>	Kangaroo Fern
SC	<i>Smilax australis</i>	Austral Sarsaparilla
SC	<i>Eustrephus latifolius</i>	Wombat Berry
SC	<i>Marsdenia rostrata</i>	Milk Vine
SC	<i>Clematis aristata</i>	Mountain Clematis

Recruitment:

Continuous

Organic Litter:

50 % cover

Logs:

20 m/0.1 ha.

Weediness:

There are no consistent weeds in this EVC.

Published by the Victorian Government Department of Sustainability and Environment December 2004

© The State of Victoria Department of Sustainability and Environment 2004

This publication is copyright. Reproduction and the making available of this material for personal, in-house or non-commercial purposes is authorised, on condition that:

- the copyright owner is acknowledged;
- no official connection is claimed;
- the material is made available without charge or at cost; and
- the material is not subject to inaccurate, misleading or derogatory treatment.

Requests for permission to reproduce or communicate this material in any way not permitted by this licence (or by the fair dealing provisions of the *Copyright Act 1968*) should be directed to the Nominated Officer, Copyright, 8 Nicholson Street, East Melbourne, Victoria, 3002.

For more information contact: Customer Service Centre, 136 186

This publication may be of assistance to you but the State of Victoria and its employees do not guarantee that the publication is without flaw of any kind or is wholly appropriate for your particular purposes and therefore disclaims all liability for any error, loss or other consequence which may arise from you relying on any information in this publication.

www.dse.vic.gov.au