

## RMS *Nothofagus* – *Phyllocladus* short rainforest

### Community Description:

The community is typically short (8–25 m) rainforest in which the most common canopy dominants or co-dominants include *Nothofagus cunninghamii*, *Phyllocladus aspleniifolius* and *Eucryphia lucida*. The canopy may be broken or uneven and is generally not clearly separated from the understorey of densely spaced or tangled trees and shrubs. It has a moderate to high diversity of endemic vascular taxa compared to other Tasmanian lowland rainforest communities. *Eucalyptus* species may occur as occasional emergent trees (<5% cover). RMS is most common on siliceous substrates of low to moderate productivity in lowland and montane areas of western Tasmania.

### Benchmarks:

Component	Height (m)	Cover (%)	DBH (cm)	Diameter (cm)	Count (#/ha)	Total Length (m/0.1 ha)
<b>Tree Canopy</b>	18	75	-	-	-	-
<b>Large Trees</b>	-	-	25	-	60	-
<b>Logs</b>	-	-	-	≥ 10	-	70
<b>Large Logs</b>	-	-	-	≥ 12.5	-	-
<b>Organic Litter</b>	-	75	-	-	-	-
<b>Recruitment</b>	Continuous					

Understorey Life Forms	LF code	# Spp	Cover (%)
Immature Canopy Tree	ICT	1	5
Tree (sub-canopy)/Large Shrub	T	4	50
Medium Shrub/Small Shrub	S	8	30
Ground Ferns and fern allies	GF	1	10
Scramblers/Climbers/Epiphytes	SCE	2	1
Mosses and Lichens	ML	1	5
<b>Total</b>	<b>7</b>	<b>18</b>	

### Species lists:

Tree Canopy Species	Common Name	Notes
<i>Nothofagus cunninghamii</i>	myrtle beech	
<i>Eucryphia lucida</i>	leatherwood	
<i>Phyllocladus aspleniifolius</i>	celerytop pine	
<i>Acacia mucronata</i>	erect caterpillar wattle	May occur as a canopy tree
<i>Anodopetalum biglandulosum</i>	horizontal	May occur as a canopy tree
<i>Atherosperma moschatum</i>	sassafras	May occur as a canopy tree
<i>Acacia melanoxylon</i>	blackwood	As scattered emergent <5%
<i>Eucalyptus nitida</i>	western peppermint	As scattered emergent <5%

Last reviewed – 6 July 2022

[Tasmanian Vegetation Monitoring and Mapping Program](https://nre.tas.gov.au)

Department of Natural Resources and Environment Tasmania

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

Typical Understorey Species *	Common Name	LF Code
<i>Acradenia frankliniae</i>	whitey wood	T
<i>Anodopetalum biglandulosum</i>	horizontal	T
<i>Agastachys odorata</i>	fragrant candlebush	T
<i>Anopterus glandulosus</i>	tasmanian laurel	T
<i>Cenarrhenes nitida</i>	native plum	T
<i>Nematolepis squamea</i>	satinwood	T
<i>Pittosporum bicolor</i>	cheesewood	T
<i>Archeria</i> spp.	heath	S
<i>Aristotelia peduncularis</i>	heartberry	S
<i>Bauera rubioides</i>	wiry bauera	S
<i>Coprosma nitida</i>	mountain currant	S
<i>Coprosma quadrifida</i>	native currant	S
<i>Epacris heteronema</i>	southwest heath	S
<i>Eucryphia milliganii</i>	dwarf leatherwood	S
<i>Leptecophylla</i> spp.	pinkberry	S
<i>Lomatia polymorpha</i>	mountain guitarplant	S
<i>Monotoca</i> spp.	broomheath	S
<i>Olearia persoonioides</i>	geebung daisybush	S
<i>Orites diversifolia</i>	variable orities	S
<i>Pimelea drupacea</i>	cherry riceflower	S
<i>Richea milliganii</i>	nodding candleheath	S
<i>Richea pandanifolia</i>	pandani	S
<i>Tasmania lanceolata</i>	mountain pepper	S
<i>Telopea truncata</i>	tasmanian waratah	S
<i>Trochocarpa cunninghamii</i>	straggling purpleberry	S
<i>Trochocarpa gunnii</i>	fragrant purpleberry	S
<i>Gahnia grandis</i>	cutting grass	LSR
<i>Dicksonia antarctica</i>	soft treefern	TF
<i>Blechnum wattsii</i>	hard waterfern	GF
<i>Gleichenia microphylla</i>	scrambling coralfern	GF
<i>Microsorium pustulatum</i>	kangaroo fern	GF
<i>Rumohra adiantiformis</i>	leathery shieldfern	GF
<i>Clematis aristata</i>	mountain clematis	SCE
<i>Hymenophyllum</i> spp.	filmyfern	SCE
<i>Prionotes cerinthoides</i>	climbing heath	SCE
<i>Notogrammitis</i> spp.	fingerfern	SCE

\*This list is provided as a guide only. The species listed are typical of this plant community type but may not necessarily be present.