

Rainforest and Related Scrub

RKF *Athrotaxis selaginoides* – *Nothofagus gunnii* short rainforest

Community Description:

Athrotaxis selaginoides–*Nothofagus gunnii* short rainforest (RKF) is scrub or short forest in which *Athrotaxis selaginoides* is emergent over *Nothofagus gunnii* in areas with very low fire frequency. In the Cradle Mountain-Lake Saint Clair National Park there may be few other species, but on the west coast range RKF is generally slightly more diverse, with *N. cunninghamii*, *Diselma archeri* and *Richea pandanifolia* often present. RKF may be dense and continuous, or form mosaics with alpine heathlands and sedgeland. This benchmark is the appropriate benchmark to use in assessing the condition of the listed *Athrotaxis selaginoides* - *Nothofagus gunnii* short rainforest community (Schedule 3A, Nature Conservation Act 2002).

Benchmarks:

Component	Cover %	Height (m)	DBH (cm)	#/ha	Length (m)/0.1 ha
Canopy	85%	-	-	-	
Large Trees	-	6	10	40	
Organic Litter	60%			-	
Logs			≥ 10	-	4
Large Logs			≥ 10		
Recruitment			Continuous		

Understorey Life Forms	LF code	# Spp	Cover %
Immature tree	IT	3	5
Tree or large shrub	T	2	85
Medium shrub/small shrub	S	2	5
Herbs and orchids	H	1	1
Medium to small sedge/rush/sagg/lily	MSR	1	1
Ground fern	GF	2	10
Tree fern	TF	1	10
Scrambler/Climber/Epiphytes	SCE	5	1
Mosses and Lichens	ML	1	20
Total	9	18	

Species lists:

Canopy Tree Species	Common Name	Notes
<i>Athrotaxis selaginoides</i>	king billy pine	
<i>Nothofagus gunnii</i>	deciduous beech	

Typical Understorey Species *	Common Name	LF Code
<i>Athrotaxis cupressoides</i>	pencil pine	T
<i>Nothofagus cunninghamii</i>	myrtle beech	T
<i>Richea pandanifolia</i>	pandani	T
<i>Leptospermum nitidum</i>	shiny teatree	T
<i>Agastachys odorata</i>	white waratah	S
<i>Archeria comberi</i>	pink summit-heath	S
<i>Archeria</i> spp.	-	S
<i>Bauera rubioides</i>	wiry bauera	S
<i>Boronia citriodora</i>	lemon boronia	S
<i>Diselma archeri</i>	dwarf pine	S
<i>Epacris serpyllifolia</i>	alpine heath	S
<i>Orites milliganii</i>	toothed orites	S
<i>Richea scoparia</i>	scoparia	S
<i>Telopea truncata</i>	tasmanian waratah	S
<i>Trochocarpa cunninghamii</i>	straggling purpleberry	S
<i>Euphrasia</i> spp.	-	H
<i>Blandfordia punicea</i>	christmas bells	MSR
<i>Blechnum wattsii</i>	hard waterfern	GF
<i>Histiopteris incisa</i>	batswing fern	GF
<i>Lycopodium fastigiatum</i>	mountain clubmoss	GF
<i>Microsorium pustulatum</i>	kangaroo fern	GF
<i>Polystichum proliferum</i>	mother shieldfern	GF
<i>Ctenopteris heterophylla</i>	gypsy fern	GF
<i>Grammitis</i> spp.	fingerfern	GF
<i>Hymenophyllum</i> spp.	filmyfern	GF
<i>Rumohra adiantiformis</i>	leathery shieldfern	GF
<i>Asplenium</i> spp.	spleenwort	GF
<i>Dicksonia antarctica</i>	soft treefern	TF
<i>Clematis aristata</i>	mountain clematis	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.