

LINKING LANDSCAPES
New Reserves for North-east Tasmania
September 2007



**ENVIRONMENT
TASMANIA INC**

A summary of known values and justification for proposed reserve areas. Refer to accompanying maps for proposed reserve areas.

Total area of new reserves (not including areas currently protected) = 148 934 hectares (NB this figure includes areas designated as 'informal reserves' as per the Tasmanian RFA).

Threatened species records from TSS data. Vegetation from TASVEG 1.2

"High Conservation Value Vegetation Communities" includes all TASVEG communities listed as threatened under State legislation (i.e. Schedule 3A of the Nature Conservation Act 2002) or Commonwealth legislation (EPBC Act) in addition to all areas of old growth forest and other vegetation occurrences of biogeographic significance (such as rainforest). Three-letter codes used are from the TASVEG 1.2 classification scheme.

"Threatened Species" includes those species recorded from the proposed reserve area (as per the State Government Natural Values Atlas database) which are listed on the Tasmanian or Commonwealth threatened species schedules. This is not a comprehensive list of threatened species for each proposed reserve, further unrecorded threatened species are likely to occur in many cases.

In the accompanying maps existing reserves on public land are shown as 'formal' or 'dedicated' reserves in reference to international classification of reserve classes as per the Tasmanian Regional Forest Agreement (1997):

"Dedicated Reserve" means a Formal Reserve equivalent to IUCN Protected Area Management Categories I, II, III, or IV as defined by the IUCN Commission for National Parks and Protected Areas (1994). In Tasmania, Dedicated Reserves comprise the following reserves as described in Attachment 7: national parks, state reserves, game reserves, nature reserves, historic sites and forest reserves not subject to the *Minerals Resources Development Act 1995* (Tas.);

"Formal Reserve" means a reserve equivalent to IUCN Protected Area Management Categories I, II, III, IV, or VI as defined by the IUCN Commission for National Parks and Protected Areas (1994). The status of Formal Reserves is secure, requiring action by the Tasmanian Parliament for dedication or revocation. Formal Reserves in Tasmania, comprise Dedicated Reserves, and the following reserves as described in Attachment 7: managed natural areas/regional reserves, conservation areas, nature recreation areas and forest reserves subject to the *Mineral Resources Development Act 1995* (Tas.).

Most of north-east Tasmania is within the Ben Lomond bioregion. The following description is from 'Identifying Priorities for Biodiversity Conservation' in State of the Environment Tasmania (2006):

Ben Lomond Bioregion has a moderate priority for reserve consolidation. Comprehensiveness is high and adequacy low (11%), with a substantial number of unreserved threatened ecosystems. Representativeness is low to moderate: alpine and subalpine vegetation is strongly represented in reserves, but lowland forest and woodland ecosystems are not. Expansion of forestry [plantations](#) operates as a regional scale threatening process.

Reserve management in the Ben Lomond bioregion as a whole is good. Ben Lomond National Park is well managed but suffers from localised snowfield degradation. Well managed Forest Reserves are a significant component of reserves. Reserves around the lowland margins of the region, notably Cameron Regional Reserve have a lower management standard.

EAST COAST

Constable Creek – Loila Tier Reserve

Area: 13 196 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Eucalyptus ovata forest (DOV)

Eucalyptus ovata heathy woodland (DOW)

Oldgrowth *Eucalyptus sieberi* forest on granite (DSG)

Oldgrowth *Eucalyptus sieberi* forest on Mathinna beds (DSO)

Oldgrowth *Eucalyptus obliqua* dry forest (DOB)

Oldgrowth *Eucalyptus amygdalina* coastal forest (DAC)

Melaleuca ericifolia swamp forest (NME)

Riparian scrub (SRI)

Saline wetland (AWU)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Baumea gunnii</i>	slender twigsedge	r	
<i>Blechnum cartilagineum</i>	gristle fern	v	
<i>Euphrasia collina</i> ssp. <i>deflexifolia</i>	eastern eyebright	r	
<i>Hibbertia calycina</i>	lesser guinea flower	v	
<i>Hibbertia virgata</i>	twiggy guinea flower	r	
<i>Hierochloa rariflora</i>	cane holygrass	r	
<i>Hovea corricketiae</i>	glossy purple-pea	r	
<i>Phebalium daviesii</i> *	davies waxflower	e	CR
<i>Plantago debilis</i>	shade plantain	r	

* translocated population established by Threatened Species Section, DPIWE

Animals	Common Name	Tas status	National status
<i>Aquila audax fleayi</i>	wedge-tailed eagle	e	EN
<i>Haliaeetus leucogaster</i>	white-bellied sea eagle	v	
<i>Tasmanipatus barretti</i>	giant velvet worm	r	
<i>Tyto novaehollandiae castanops</i>	masked owl	e	

NB: the above are species reliably known to inhabit the proposed reserve, many more threatened species are likely to be present but are as yet unrecorded from this area.

Other Values

Scenic preservation, visitor attractions (waterfalls, lookouts, scenic drives, bushwalks)

Context

large area of relatively undisturbed native vegetation
near coastal – inland vegetation sequence

St Marys Protected Landscape

Area: 9529 hectares (including 5872 hectares new reserves)

Current Tenure: State Forest, State Reserve, Forest Reserve, private land (some with conservation covenants)

Proposed Tenure: combination of State Reserve, Forest Reserve, Nature Reserve, private land and conservation covenants

High Conservation Value Vegetation Communities

Eucalyptus brookeriana forest (WBR)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Blechnum cartilagineum</i>	gristle fern	v	
<i>Cyathea X marcescens</i>	skirted treefern	v	
<i>Desmodium gunnii</i>	slender tick trefoil	v	
<i>Euphrasia collina</i> ssp. <i>deflexifolia</i>	eastern eyebright	r	
<i>Glycine microphylla</i>	small-leaf glycine	v	
<i>Hibbertia calycina</i>	lesser guinea flower	v	
<i>Hierochloe rariflora</i>	cane holygrass	r	
<i>Pellaea calidirupium</i>	hot rock fern	r	
<i>Phebalium daviesii</i> *	davies waxflower	e	CR
<i>Plantago debilis</i>	shade plantain	r	
<i>Prostanthera rotundifolia</i>	roundleaf mintbush	v	
<i>Veronica plebeia</i>	trailing speedwell	r	

* translocated population established by Threatened Species Section, DPIWE

Animals	Common Name	Tas status	National status
<i>Accipiter novaehollandiae</i>	grey goshawk	e	
<i>Aquila audax fleayi</i>	wedge-tailed eagle	e	EN
<i>Dasyurus maculatus maculatus</i>	spotted-tail quoll	r	VU
<i>Lathamus discolor</i>	swift parrot	e	EN
<i>Tasmanipatus anophthalmus</i>	blind velvet worm	e	
<i>Tasmanipatus barretti</i>	giant velvet worm	r	

NB: the above are species reliably known to inhabit the proposed reserve, many more threatened species are likely to be present but are as yet unrecorded from this area.

Other Values

Numerous sites listed on Tasmanian Geoconservation database e.g. St Patricks Head Basaltic Soils, Mt Elephant Karst, Huntsmans Creek Waterfall, Durham Creek Meander Cave with Constructional Karst, Upper Durham Creek Karst System, St Marys Porphyrite and Catos Creek Dyke, Mt Nicholas and Blackboy Plains High Plateau Marshes, Huntsmans-Scales Creeks Triassic Basalt, Mt Nicholas High Plateau Marshes, Mt Nicholas Dolerite Residual Peak, North and South Sister Dolerite Periglacial System, Mt Nicholas Dolerite Periglacial System, North-east Tasmania Dolerite Residual Peaks

Context

north- south corridor, connects existing reserves
diversity of habitats and communities

Siamese Ridge reserve proposal

Area: 1209 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Oldgrowth *Eucalyptus obliqua* wet forest (WOU)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Hierochloe rariflora</i>	cane holygrass	r	

Animals	Common Name	Tas status	National status
<i>Tasmanipatus barretti</i>	giant velvet worm	r	

Other Values

Context

transition from north- to south-facing slopes

Mt Nisbet reserve proposal

Area: 633 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Eucalyptus ovata forest (DOV)

Oldgrowth *Eucalyptus sieberi* forest on granite (DSG)

Threatened Species

Animals	Common Name	Tas status	National status
<i>Tasmanipatus barretti</i>	giant velvet worm	r	

Context

landscape connectivity

Bells Marsh Reserve extensions

Area: 1225 hectares

Current Tenure: State Forest, Crown Land

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Threatened Species

Animals	Common Name	Tas status	National status
<i>Tasmanipatus barretti</i>	giant velvet worm	r	

Other Values

Riparian protection

Context

connects existing reserves
mosaic of lowland dry forest types and heath

Bay of Fires Reserve extensions

Area: 3935 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Oldgrowth *E. obliqua* dry forest (DOB)

biogeographically significant remnant rainforest (requires verification)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Hierochloe rariflora</i>	cane holygrass	r	
<i>Pomaderris elachophylla</i>	small-leaf Pomaderris	v	

Animals	Common Name	Tas status	National status
<i>Dasyurus maculatus maculatus</i>	spotted-tail quoll	r	VU
<i>Lathamus discolor</i>	swift parrot	e	EN

NB: the above are species reliably known to inhabit the proposed reserve, many more threatened species are likely to be present but are as yet unrecorded from this area.

Context

near-coastal north-south corridor between existing reserves

Avenue River reserve extension

Area: 431 hectares

Current Tenure: State Forest

Proposed Tenure: Forest Reserve

High Conservation Value Vegetation Communities

Eucalyptus amygdalina forest on sandstone (DAS)

Oldgrowth *Eucalyptus sieberi* forest on Mathinna beds (DSO)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Teucrium corymbosum</i>	forest germander	r	

NB: the above are species reliably known to inhabit the proposed reserve, many more threatened species are likely to be present but are as yet unrecorded from this area.

SOUTH ESK

Mathinna Reserve

Area: 189 hectares

Current Tenure: State Forest, Crown Land

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Oldgrowth *Eucalyptus amygdalina* forest on Mathinna beds (DAM)

Oldgrowth *Eucalyptus sieberi* forest on Mathinna beds (DSO)

Oldgrowth *E. obliqua* wet forest (WOU)

Other Values

Riparian protection

Context

Remnant native forest on alluvial flats

Evercreech Reserve extensions

Area: 3475 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Eucalyptus ovata forest (DOV)

Oldgrowth *Eucalyptus sieberi* forest on Mathinna beds (DSO)

Oldgrowth *Eucalyptus obliqua* dry forest (DOB)

Oldgrowth *Eucalyptus regnans* forest (WRE)

Oldgrowth *Eucalyptus obliqua* wet forest (WOU)

Oldgrowth *Eucalyptus delegatensis* wet forest (WDU)

Threatened Species

Animals	Common Name	Tas status	National status
<i>Aquila audax fleayi</i>	wedge-tailed eagle	e	EN
<i>Tasmanipatus barretti</i>	giant velvet worm	r	

NB: the above are species reliably known to inhabit the proposed reserve, many more threatened species are likely to be present but are as yet unrecorded from this area.

Other Values

Context

east-west landscape connectivity in an area of extensive plantations connects four existing reserves

Cokers Creek Reserve

Area: 1092 hectares

Current Tenure: State Forest, Crown Land

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Oldgrowth *Eucalyptus sieberi* forest on Mathinna beds (DSO)

Oldgrowth *Eucalyptus obliqua* dry forest (DOB)

Oldgrowth *Eucalyptus obliqua* wet forest (WOU)

Oldgrowth *Eucalyptus delegatensis* wet forest (WDU)

Oldgrowth *Eucalyptus delegatensis* dry forest (DDE)

Threatened Species

Animals	Common Name	Tas status	National status
<i>Aquila audax fleayi</i>	wedge-tailed eagle	e	EN

Other Values

Context

relatively undisturbed vegetation

valley to highland sequence

NORTH EAST HIGHLANDS

North East Highlands National Park proposal

Total area: 35 182 ha (20 919 ha reserve extensions + 14 263 existing reserves)

Existing reserves: Mt Victoria FR 8274 ha, Frome FR 931 ha, Blue Tier FR 5058 ha

Unit	Hectares
Blue Tier eastern ext	1400
Blue Tier northern ext	988
Blue Tier southern ext	2413
Blue Tier southeast ext	1414
Cascade	1196
Jubilee Hill	1473
Marguerita Ridge	621
Mathinna Plains	1202
Mt Saddleback	485
Mt Victoria western ext	3212
Polleys Creek	1109
Rattler Hill	1961
Rattler ext	244
Starlight Ridge	1567
Weld Hill	1438
Weldborough Pass	196

Current Tenure: State Forest, Public Reserve, Crown Land, Forest Reserve

Proposed Tenure: National Park

VALUES IN PROPOSED RESERVE EXTENSIONS
High Conservation Value Vegetation Communities

Lowland *Poa* grassland (GPL)

Lacustrine herbland (AHL)

Rainforest (RMT)

various oldgrowth communities including *E. regnans* forest (WRE)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Acacia mucronata</i> ssp. <i>dependens</i>	blunt caterpillar wattle	r	
<i>Juncus prismatocarpus</i>	branching rush	r	

Animals	Common Name	Tas status	National status
<i>Accipiter novaehollandiae</i>	grey goshawk	e	
<i>Aquila audax fleayi</i>	wedge-tailed eagle	e	EN
<i>Dasyurus maculatus maculatus</i>	spotted-tail quoll	r	VU
<i>Hoplogonus bornemisszai</i>	Bornemissza's stag beetle	e	
<i>Hoplogonus simsoni</i>	Simson's stag beetle	v	
<i>Perameles gunnii</i>	eastern barred bandicoot		VU

NB: the above are species reliably known to inhabit the proposed reserve, many more threatened species are likely to be present but are as yet unrecorded from this area.

Other Values

headwaters of many water catchments

Context

extensive areas of undisturbed native vegetation
 altitudinal sequences

Mount Maurice Reserve extensions

Area: 6618 hectares

Unit	Hectares
Cuckoo Hill	1366
Maurice east	244
Maurice west	443
Maurice south	4565

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Highland grassy sedgeland (MGH)

Highland *Poa* grassland (GPH)

Rainforest (RMT)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Blechnum cartilagineum</i>	gristle fern	v	
<i>Viola cunninghamii</i>	Cunningham's violet	r	

Other Values

Most extensive tracts of rainforest and *Leptospermum* forest in north east Tasmania

Context

large, relatively intact area of wet forest
altitudinal sequences

Pyengana reserve extensions

Area: 4035 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

oldgrowth *Eucalyptus regnans* (WRE)

rainforest (RMT)

Eucalyptus rodwayi forest (WRO)

Threatened Species

Animals	Common Name	Tas status	National status
<i>Lathamus discolor</i>	swift parrot	e	EN
<i>Tasmanipatus barretti</i>	giant velvet worm	r	

NB: the above are species reliably known to inhabit the proposed reserve, many more threatened species are likely to be present but are as yet unrecorded from this area.

Other Values

catchment for several watercourses

Context

large area of intact *E. regnans* forest
connects existing reserves

St Columba Falls reserve extension

Area: 469 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

rainforest (RMT)

Context

connects existing reserves

Wyniford reserve proposal

Area: 2316 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Eucalyptus viminalis wet forest (WVI)

Threatened Species

Animals	Common Name	Tas status	National status
<i>Accipiter novaehollandiae</i>	grey goshawk	e	
<i>Dasyurus maculatus maculatus</i>	spotted-tail quoll	r	VU
<i>Hoplogonus simsoni</i>	Simson's stag beetle	v	

Other Values

headwaters of Wyniford River

Context

altitudinal sequence (70 – 700 m asl)

Carneys Creek reserve proposal

Area: 900 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Oldgrowth *Eucalyptus delegatensis* wet forest (WDU)
rainforest (RMT)

Context

large area of mature forest in major plantation area

Evelyn Rivulet reserve proposal

Area: 983 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Rainforest (RMT)
Oldgrowth *Eucalyptus delegatensis* dry forest (DDE)

Context

large patch of undisturbed rainforest

Boags Ridge reserve proposal

Area: 358 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Oldgrowth *E. obliqua* dry forest (DOB)

Oldgrowth damp sclerophyll forest (DSC)

Oldgrowth *E. amygdalina* forest on Mathinna beds (DAM)

Oldgrowth *E. amygdalina* forest on dolerite (DAD)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Pimelea curviflora</i> var. <i>gracilis</i>	slender curved rice-flower	r	

Other Values

Context

mosaic of mature dry forest types on Mathinna beds

Ben Nevis Marshes reserve proposal

Area: 168 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Lowland *Poa* grassland (GPL)

Eucalyptus viminalis wet forest (WVI)

Oldgrowth *Eucalyptus delegatensis* wet forest (WDU)

Oldgrowth *Eucalyptus delegatensis* dry forest (DDE)

Context

native grassland on river flats, riparian on North Esk river

almost the entire remainder of the valley bottom is plantation

Ben Nevis reserve proposal

Area: 3101 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Alpine vegetation (HUE)

Rainforest (RMT)

Oldgrowth *Eucalyptus delegatensis* wet forest (WDU)

Oldgrowth *Eucalyptus delegatensis* dry forest (DDE)

Oldgrowth *Eucalyptus obliqua* wet forest (WOU)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Acacia pataczekii</i>	wally's wattle	r	

Context

headwaters of North Esk river
montane vegetation mosaics (delegatensis forest/heaths/highland grassland)
topographically diverse

Tombstone Plain reserve proposal

Area: 1600 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Highland grassy sedgeland (MGH)

Rainforest (RMT)

Oldgrowth *E. obliqua* wet forest (WOU)

Oldgrowth *E. obliqua* dry forest (DOB)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Viola cunninghamii</i>	cunningham's violet	r	

Context

montane vegetation mosaics (delegatensis forest/heath/scrub/sedgeland)
topographically diverse

BEN LOMOND

Ben Lomond National Park extensions

Area: 11 285 hectares

Unit	Hectares
Fonthill Flat	661
northwest extension	166
southern extension	1254
Tyne	6482
Nive linkages	2721

Current Tenure: State Forest, Crown Land

Proposed Tenure: National Park

High Conservation Value Vegetation Communities

Riparian vegetation (SRI)

Alpine vegetation (HUE)

Oldgrowth *Eucalyptus delegatensis* wet forest (WDU)

Oldgrowth *Eucalyptus delegatensis* dry forest (DDE)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Acacia pataczekii</i>	wally's wattle	r	
<i>Bossiaea obcordata</i>	spiny bossiaea	r	
<i>Hierochloe rariflora</i>	cane holygrass	r	
<i>Prasophyllum stellatum</i>	Ben Lomond leek orchid	e	CR
<i>Teucrium corymbosum</i>	forest germander	r	

Animals	Common Name	Tas status	National status
<i>Aquila audax fleayi</i>	wedge-tailed eagle	e	EN
<i>Dasyurus maculatus maculatus</i>	spotted-tail quoll	r	VU

NB: the above are species reliably known to inhabit the proposed reserve, many more threatened species are likely to be present but are as yet unrecorded from this area.

Other Values

Scenic protection

Grasstree Ridge Reserve

Area: 828 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Oldgrowth *Eucalyptus amygdalina* forest on Mathinna beds (DAM)

Context

altitudinal sequence

largely undisturbed native vegetation adjacent to extensive plantations

Avoca area reserve extensions

Area: 5504 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Oldgrowth *Eucalyptus delegatensis* wet forest (WDU)

Oldgrowth *Eucalyptus delegatensis* dry forest (DDE)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Monotoca submutica</i>	roundleaf broom-heath	r	
<i>Stegostyla congesta</i>	black-tongue Caladenia	e	

Roses Tier Reserve

Area: 1761 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Eucalyptus ovata forest (DOV)

Oldgrowth *Eucalyptus delegatensis* wet forest (WDU)

Highland *Poa* grassland (GPH)

Rainforest (RMT)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Acacia pataczekii</i>	wally's wattle	r	

Context

north-south landscape connectivity

MOUNTS BARROW & ARTHUR

Mt Barrow Protected Landscape

Area: 4486 hectares

Current Tenure: State Forest, private land (some with conservation covenants)

Proposed Tenure: State Reserve, Conservation covenants or management agreements

High Conservation Value Vegetation Communities

Eucalyptus dalrympleana forest (WDA)

Other Values

Scenic preservation, bushwalks

highland vegetation mosaic

Context

altitudinal vegetation sequences/environmental gradients

Upper Brid Catchment

Area: 1080 hectares

Current Tenure: State Forest

Proposed Tenure: Forest Reserve

High Conservation Value Vegetation Communities

Rainforest (RMT)

Mature *E. regnans* forest (WRE)

Context

large lowland wet forest remnant in area of extensive plantations
headwaters of Brid River

St Patricks Rivers Reserve

Area: 576 hectares

Current Tenure: State Forest (including informal reserves), Public Reserve (River Reserve)

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Lowland *Poa* grassland (GPL)

Riparian scrub (SRI)

Rainforest (RMT)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Barbarea australis</i>	Native Wintercress	e	CR
<i>Isolepis habra</i>	Alpine club rush	r	
<i>Pimelea pauciflora</i>	Poison riceflower	r	
<i>Ranunculus amphitrichus</i>	River buttercup	r	

Animals	Common Name	Tas status	National status
<i>Aquila audax fleayi</i>	wedge-tailed eagle	e	EN

Other Values

Riparian protection

Context

adjacent to private reserve

wet forest remnant in area of extensive plantations

Sideling Range Reserve proposal

Area: 295 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Rainforest (RMT)

Mature *E. regnans* forest (WRE)

Threatened Species

Animals	Common Name	Tas status	National status
<i>Accipiter novaehollandiae</i>	grey goshawk	e	
Charopidae "Skemps"	Skemps snail	r	

NB: the above are species reliably known to inhabit the proposed reserve, many more threatened species are likely to be present but are as yet unrecorded from this area.

Other Values

Scenic protection

Context

wet forest remnant

Panama Ridge Reserve proposal

Area: 1098 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Oldgrowth *E. obliqua* wet forest (WOU)

Oldgrowth *E. amygdalina* coastal forest (DAC)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Blechnum cartilagineum</i>	gristle fern	v	

Animals	Common Name	Tas status	National status
<i>Aquila audax fleayi</i>	wedge-tailed eagle	e	EN

NB: the above are species reliably known to inhabit the proposed reserve, many more threatened species are likely to be present but are as yet unrecorded from this area.

Other Values

Scenic protection

Mount Arthur Reserve extensions

Area: 5213 hectares

Unit	Hectares
Bessells	525
Eaglehawk Tier	3202
Lone Star	1342
Patersonia	144

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

E. ovata forest (DOV)

Riparian scrub (SRI)

Oldgrowth *E. obliqua* wet forest (WOU)

Oldgrowth *E. obliqua* dry forest (DOB)

Oldgrowth *E. regnans* wet forest (WRE)

Oldgrowth *E. delegatensis* wet forest (WDU)

Oldgrowth *E. amygdalina* forest on dolerite (DAD)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Blechnum cartilagineum</i>	gristle fern	v	
<i>Boronia hemichiton</i>	Mt Arthur boronia	e	VU
<i>Pimelea filiformis</i>	trailing rice-flower	r	

Animals	Common Name	Tas status	National status
<i>Engaeus orramakunna</i>	Mt Arthur burrowing crayfish	v	VU
Charopidae "Skemps"	Skemps snail	r	

NB: the above are species reliably known to inhabit the proposed reserve, many more threatened species are likely to be present but are as yet unrecorded from this area.

Other Values

Scenic protection
Relatively large area of *E. regnans* forest

Context

landscape dominated by plantation and clearfell

NORTH COAST

McKerrow Marshes reserve proposal

Area: 426 hectares

Current Tenure: Crown Land

Proposed Tenure: Nature Reserve

High Conservation Value Vegetation Communities

Melaleuca ericifolia swamp forest (NME)

Wetland (AWU)

Other Values

Regionally significant patch of *Acacia melanoxylon* swamp forest (NAF)
Remnant floodplain vegetation
Riparian protection

Branxholm White Gum Reserve

Area: 226 hectares

Current Tenure: State Forest

Proposed Tenure: Nature Reserve

High Conservation Value Vegetation Communities

Eucalyptus viminalis wet forest (WVI)

Oldgrowth *E. obliqua* wet forest (WOU)

Oldgrowth *E. obliqua* dry forest (DOB)

Threatened Species

Animals	Common Name	Tas status	National status
<i>Accipiter novaehollandiae</i>	grey goshawk	e	

Pipers River Reserve proposal

Area: 536 hectares

Current Tenure: Conservation Area, Public Reserve

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Melaleuca ericifolia swamp forest (NME)

Wetland (AWU)

Freshwater aquatic sedgeland (ASF)

Eucalyptus ovata forest (DOV)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Arachnorchis caudata</i>	tailed spider orchid	r	VU
<i>Pultenaea mollis</i>	guinea flower pea bush	v	
<i>Triglochin minutissimum</i>	tiny arrow grass	r	
<i>Xanthorrhoea bracteata</i>	shiny grasstree	v	EN

Animals	Common Name	Tas status	National status
<i>Dasyurus maculatus maculatus</i>	spotted-tail quoll	r	VU

Other Values

Riparian/estuarine protection

Context

diverse range of vegetation communities

threatened flora

Mount Horror Reserve extensions

Area: 958 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

Threatened Species

Animals	Common Name	Tas status	National status
<i>Accipiter novaehollandiae</i>	grey goshawk	e	

Other Values

Context

large isolated wet forest remnant

limit of *E. regnans* range

Great Forester River Reserve

Area: 3492 hectares

Unit	Hectares
Arnon River	1395
Hang Dog Creek	1824
Ruby Creek	273

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Oldgrowth *Eucalyptus regnans* forest (WRE)

Oldgrowth *Eucalyptus amygdalina* coastal forest (DAC)

Oldgrowth damp sclerophyll forest (DSC)

Rainforest (RMT)

Threatened Species

Animals	Common Name	Tas status	National status
<i>Accipiter novaehollandiae</i>	grey goshawk	e	
<i>Engaeus spinicaudatus</i>	Scottsdale burrowing crayfish	e	EN
<i>Perameles gunnii</i>	eastern barred bandicoot		VU

NB: the above are species reliably known to inhabit the proposed reserve, many more threatened species are likely to be present but are as yet unrecorded from this area.

Context

connections between existing reserves

landscape of extensive plantations and agricultural land

mix of wet and dry forest types, including rainforest remnants

Cameron Reserve Extensions

Area: 11 644 hectares

Current Tenure: State Forest, Crown Land

Proposed Tenure: Conservation Area

High Conservation Value Vegetation Communities

E. ovata forest (DOV)

Wetland (AWU) – Ringarooma River floodplain

Oldgrowth damp sclerophyll complex (DSC)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Agrostis australiensis</i>	southern bentgrass	r	
<i>Arachnorchis caudata</i>	tailed spider orchid	r	VU
<i>Epacris</i> aff. <i>virgata</i> 'graniticola'	Mt Cameron heath	v	EN
<i>Isolepis stellata</i>	star club rush	r	
<i>Microtidium atratum</i>	yellow onion orchid	r	
<i>Orthoceras stictum</i>	horned orchid	r	

Animals	Common Name	Tas status	National status
<i>Astacopsis gouldi</i>	giant freshwater crayfish	v	VU
<i>Litoria raniformis</i>	green and gold frog	v	VU

NB: the above are species reliably known to inhabit the proposed reserve, many more threatened species are likely to be present but are as yet unrecorded from this area.

Other Values

riparian protection on Ringarooma River

Context

expansive area of native vegetation in largely good condition
east-west corridor
catchment for lower Ringarooma River wetlands Ramsar site

EASTERN TIERS

Fingal Tier Reserve

Area: 11 297 hectares

Unit	Hectares
Fingal Tier	4887
Dickies Ridge extension	1715
St Pauls extension	4694

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Oldgrowth *E. amygdalina* forest on dolerite (DAD)

Oldgrowth *E. delegatensis* dry forest (DDE)

Oldgrowth *E. delegatensis* wet forest (WDU)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Cyphanthera tasmanica</i>	Tasmanian ray flower	r	
<i>Eucalyptus barberi</i>	Barber's gum	r	
<i>Euphrasia scabra</i>	yellow eyebright	e	
<i>Myriophyllum integrifolium</i>	tiny water milfoil	v	

Animals	Common Name	Tas status	National status
<i>Aquila audax fleayi</i>	wedge-tailed eagle	e	EN

Other Values

Context

east-west connectivity

Eastern Tiers Reserve extensions

Area: 15 505 hectares

Current Tenure: State Forest

Proposed Tenure: State Reserve

High Conservation Value Vegetation Communities

Eucalyptus globulus grassy forest (DGL)

E. ovata forest (DOV)

E. brookeriana wet forest (WBR)

Callitris rhomboidea forest (NCR)

Threatened Species

Plants	Common Name	Tas status	National status
<i>Acacia axillaris</i>	Midlands wattle	v	VU
<i>Agrostis diemenica</i>	flat-leaf southern bent	r	
<i>Boronia gunnii</i>	gunn's boronia	v	VU
<i>Boronia hippopala</i>	velvet boronia	v	VU
<i>Brachyscome rigidula</i>	hairy cutleaf daisy	v	
<i>Carex longebrachiata</i>	drooping sedge	r	
<i>Epacris exserta</i>	South Esk heath	v	EN
<i>E. limbata</i>	border heath	e	CR
<i>Eucalyptus barberi</i>	Barber's gum	r	
<i>Euphrasia collina</i> aff. <i>diemenica</i>		?	
<i>Euphrasia scabra</i>	yellow eyebright	e	
<i>Hierochloa rariflora</i>	cane holygrass		
<i>Hovea tasmanica</i>	hill hovea	r	
<i>Monotoca submutica</i> var. <i>autumnalis</i>	roundleaf broom-heath	r	
<i>Pomaderris phyllicifolia</i>	narrow leaf pomaderris	r	
<i>Stonesiella selaginoides</i>	clubmoss bush pea	v	EN

Animals	Common Name	Tas status	National status
<i>Galaxiulus fontanus</i>	swan galaxies	e	EN

NB: the above are species reliably known to inhabit the proposed reserve, many more threatened species are likely to be present but are as yet unrecorded from this area.

Other Values

threatened species hotspots

Context

connects existing reserves

large area of relatively intact native forest and heathland