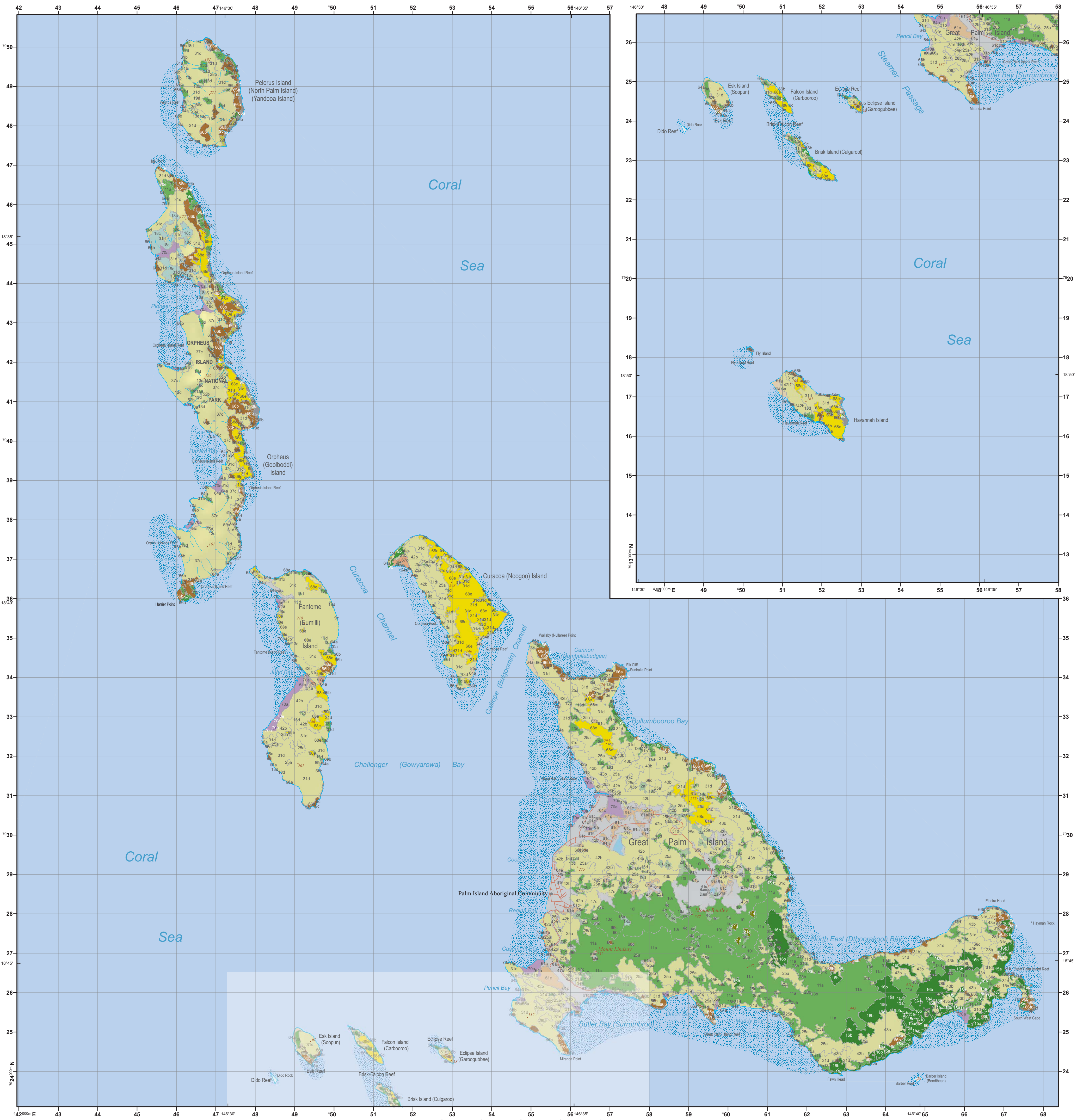


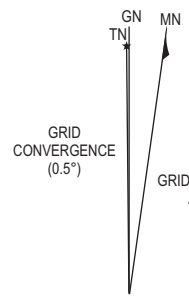
Wet Tropics Bioregion  
1:50 000  
Vegetation Survey

PALM ISLANDS SPECIAL  
QUEENSLAND

Refer to this map as:  
SERIES WTMaveg  
SHEET 8260-4 Special  
EDITION 1



Date of map production: January 2009  
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True North, Grid North and Magnetic North are shown diagrammatically for the centre of this map. Magnetic North is correct for 2008 and moves easterly by 0.1° in about six years.

SERIES WTMaveg  
SHEET 8260-4 Special  
EDITION 1



Locality  
Mountain  
(spot height metres)

Major road  
Secondary road

Railway  
Cane Railway  
Watercourse, Waterbody, Reef

National Park, Forest Reserve  
State Forest, Timber Reserve  
World Heritage Area

Rainforests

- 2a Mesophyll rainforests
- 4c Palm-leaf rainforests
- 13d Notophyll rainforests
- 8c Notophyll thickets
- 15a Microphyll thickets

Sclerophyll and sclerophyll rainforest transitions

- 18c Closed Acacia forests

Sclerophyll forests and woodlands

- 25a Eucalyptus forests and woodlands
- 55a Melaleuca forests and woodlands
- 22d Casuarina forests and woodlands
- 21d Acacia forests and woodlands

Vegetation complexes and mosaics

- 64a Coastal beach complexes
- 61c Secondary successional complexes
- 86b Rock pavement and coastal headland complexes

Shrublands and heathlands

- 67g Shrublands and heathlands

Non-woody vegetation

- 68a Grasslands
- 69f Sedgeland

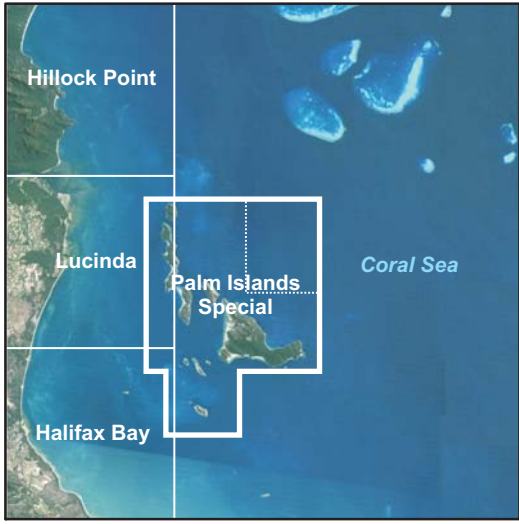
Mangroves

- 70a Mangrove forests
- 70w Mangrove grasslands and herblands

Unvegetated, cleared or non-native

- Naturally unvegetated
- Rural, agricultural or urban areas

Vegetation codes in legend boxes above are examples only. For a complete listing of vegetation codes and descriptions see back of map.





## VEGETATION MAPPING INFORMATION

### Abstract

This series of vegetation maps of the Wet Tropics of Queensland Bioregion depicts the vegetation community types identified by J.P Stanton and D. Stanton. The mapping is based on their interpretation of 1:25,000 aerial photography. Marked-up photography was scanned and orthorectified to the Authority's 1:50,000 GIS drainage coverage using an 80 metre digital elevation model (DEM). Vegetation polygons were extracted digitally from the scanned images while their vegetation attributes were inputted manually.

### Citation

WTMA (2009). 'name of map sheet ' [map] Edition 1. 1:50,000. Vegetation of the Wet Tropics of Queensland. Wet Tropics Management Authority. Cairns.

### Accuracy

The positional accuracy of the mapped vegetation polygons is ±12 metres from the true position as depicted on the Australian 1:50,000 Topographic Survey Map Series R733. Horizontal accuracy is estimated at 90% of well-defined detail within ±50 metres of true position.

**Data Sources**  
Vegetation of the Wet Tropics of Queensland Biological Region (WTMA2008)  
Wet Tropics of Queensland World Heritage Area (WTMA)  
Drainage (WTMA)  
Spot heights (WTMA)  
Waterbodies (WTMA, derived from Vegetation of the Wet Tropics of Queensland Bioregion and imagery)  
80m DEM (WTMA)  
Roads (© Pitney Bowes MapInfo Australia Pty Ltd., 2008)  
Railways (Queensland Rail)  
Estate boundaries (DCCB-Queensland Department of Natural Resources and Water\*)

\* The boundary of the Wet Tropics of Queensland World Heritage Area along the line of the coastline is commonly known as the low water mark (LWM). The boundary of the Queensland digital cadastral database (DCDB) along the line of the coastline is commonly known as the high water mark (HWM).

### Disclaimer

While every care is taken to ensure the accuracy of this data, Pitney Bowes Map Info Australia Pty Ltd, Wet Tropics Management Authority and/or the State of Queensland make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaim all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the data being inaccurate or incomplete in any way and for any reason. While every effort has been made to depict only constructed gazetted roads on the map, they should not be relied upon for navigational purposes or positional accuracy.

### Acknowledgements

The expert assistance and advice of the Cartography Centre, James Cook University, is gratefully acknowledged, as is the help received from the Queensland Herbarium, Environmental Protection Agency.

**Further information**  
**www.wettropics.gov.au**

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## Vegetation Codes and Descriptions

### Mesophyll rainforests

#### Complex mesophyll vine forests (CMVF)

- 1a Complex mesophyll vine forest (on deep fertile soils). Very wet and wet lowlands and foothills mainly on basalts and alluvium.
- 1b Complex mesophyll vine forest (on deep fertile soils). Moist to very wet (± cloud) uplands mainly on basalts and alluvium.
- 1c Complex mesophyll vine forest (gallery forests). Moist and wet lowlands and foothills on alluvium.
- 1d Complex mesophyll vine forest dominated by *Bachkousia bancroftii* (on basaltic terraces and scree slopes). Very wet foothills on basalts. (subtype of 1a)
- 1e Complex mesophyll vine forest characterised by *Instia hijuga*, *Betelschmiedia obtusifolia* and *Polygonum galeatosum* (on calcareous sand ridges). Very wet lowlands on dunes. (variant of 1a)
- 2a **Mesophyll vine forests (MVF)**  
Mesophyll vine forest. Very wet to moist lowlands to uplands on a variety of geologies.
- 2b Mesophyll vine forest. Very wet lowlands on dunes.
- 2c Mesophyll vine forest characterised by *Alseodendron melaleucarpum* ± *Agleia* spp. Moist and very wet lowlands on alluvium. (subtype of 2a)
- 2d Mesophyll vine forest characterised by *Barringtonia racemosa* + *Hibiscus tiliaecus* + *Heritiera littoralis* with *Archontophoenix alexandrea* + *Licuala ramsayi* var. *ramsayi* prominent in the sub-canopy (seasonally inundated swamps). Very wet lowlands on alluvium. (variant of 1c)
- 2e Mesophyll vine forest characterised by *Calophyllum inophyllum* + *Terminalia arcuata* + *Dillenia alata* + *Myristica insipida* var. *insipida* + *Pouteria myrsinodendron* + *Milletia pinnata* + *Hibiscus tiliaecus* (on beach ridge deposits). Very wet lowlands on dunes. (variant of 2b)
- 2f Mesophyll vine forest (on suitable rock slopes) commonly with *Ficus* spp., *Schefflera actinophylla* and *Astoria scholaris*. Wet to very wet uplands on metamorphics. (variant of 2a)
- 3a **Semi-deciduous mesophyll vine forests (SDMVF)**  
Semi-deciduous mesophyll vine forest. Moist and wet lowlands and foothills on a variety of geologies.
- 3b Semi-deciduous mesophyll vine forest characterised by *Naucea orientalis*, *Cryptocarya hoplandii* + *Casuarina pauciflora* (on coarse granite and highlands mainly on granites and rhyolites.
- 3c Semi-deciduous mesophyll vine forest with occasional *Alsteria moluccana* + *Astoria scholaris* ssp. + *Bombax ceiba* var. *leicarpum* emergents and some sclerophyll components (on steep slopes). Wet foothills on metamorphics. (variant of 3a)

### Palm-leaf rainforests

#### Feather palm vine forests (FPVF)

- 4a Mesophyll feather palm vine forest dominated by *Archontophoenix alexandrea* (seasonal swamp). Very wet lowlands on alluvium.
- 4b Mesophyll feather palm vine forest characterised by *Archontophoenix alexandrea* + *Syzygium tinerneyanum* + *Barringtonia racemosa* (seasonal swamp). Very wet lowlands on alluvium. (subtype of 4a)
- 4c Mesophyll feather palm vine forest dominated by *Archontophoenix alexandrea* (steep upper slopes and gully bottoms). Wet and very wet uplands on granites. (subtype of 4a)
- 5a **Fan palm vine forests (FAPVF)**  
Mesophyll fan palm vine forest dominated by *Licuala ramsayi* var. *ramsayi*. Wet and very wet lowlands to uplands on alluvium.
- 5b Mesophyll fan-palm forest dominated by *Licuala ramsayi* var. *ramsayi* and *Pandanus* spp. (swamp). Wet uplands on metamorphics, alluvium and granites. (variant of 5a)

### Notophyll rainforests and thickets

#### Complex notophyll vine forests (CNVF)

- 6a Complex notophyll vine forest. Wet and moist (± cloud) uplands and highlands mostly on basalts.
- 6b Complex notophyll vine forest (on boulder fields). Very wet lowlands and foothills on granites.
- 6c Complex notophyll vine forest characterised by *Corymbia torelliana* + *Acacia celsa* + *Acacia mangium* + *Elaeocarpus grandis* + *Antidesma bunium* + *Grevillea baileyana* + *Flindersia pimenteliana* + emergent *Argyrodendron polyandrum* (riverine floodplains). Dry foothills on alluvium. (variant of 6a)
- 7a **Aracuarian notophyll vine forests (ANVF)**  
Notophyll vine forest characterised by *Aracuaria cunninghamii* var. *cunninghamii* emergents. Dry foothills and uplands on granites and rhyolites.
- 7b Notophyll vine forest characterised by *Aracuaria cunninghamii* var. *cunninghamii* (steep rocky slopes). Very wet uplands on granites. (variant of 7a)
- 7c Complex notophyll vine forests often with emergent *Agathis robusta*. Moist foothills and uplands on metamorphics and granites.
- 7d Simple notophyll vine forest characterised by *Aracuaria bidwillii* emergents. Wet uplands and highlands on granites. (variant of 10a)
- 8a **Notophyll vine forests (NVF)**  
Notophyll vine forest. Moist lowlands on dunes.
- 8b Notophyll vine forest. Moist highlands on basalts.
- 8c Notophyll vine-fern forest characterised by *Chionanthus ramiflora* + *Schefflera actinophylla* (on unstable escarpments). Very wet foothills on basalts. (variant of 2a)
- 8d Notophyll vine forest dominated by *Bliepharocarya involucrigera*. Moist to very wet foothills and uplands on a variety of geologies.
- 8e Notophyll vine forest characterised by *Pouteria euphelia* + *Podocarpus grayae* (on steep slopes). Moist to very wet foothills to highlands on granites. (subtype of 14a)

### Notophyll vine thickets (NVT)

- 9a Notophyll vine thicket ± *Syzygium forte* ± *Syzygium banksii* ± *Cyclophyllum coprosmoides* var. *spatiulacarp* ± *Drypetes depauperata* ± *Elaeodendron melaleucarpum* ± *Agleia elaeagnoida* (restricted to coastal sands on Hinchinbrook Island). Wet lowlands on dunes. (variant of 8a)
- 9b Low notophyll vine thicket (restricted to Orpheus and Curacao Islands on transported coastal cobble and shingle ridges). Mes. (variant of 8a)
- 9c Notophyll vine thicket (on exposed rocky headlands). Wet foothills on granites.
- 9d Notophyll vine forest characterised by *Bliepharocarya involucrigera* + *Arctocarpus sessilis* + *Choriceras ricorne* + *Endiandra glauca* + *Syzygium banksii*. Moist to very wet lowlands on dunes.
- 10a **Simple notophyll vine forests (SNVF)**  
Simple notophyll vine forest. Moist to very wet uplands and highlands on metamorphics, granites and rhyolites.
- 10b Simple notophyll vine forest characterised by *Syzygium anophoroides* (seasonal swamp). Wet lowlands on alluvium.
- 10c Simple notophyll vine forest characterised by *Syzygium forte* var. *Buchanania arborescens* + *Chionanthus ramiflora*. Moist to very wet lowlands on dunes.
- 10d Simple notophyll vine forest dominated by *Stockwellia quadridifia*. Very wet uplands on granites and metamorphics.
- 10e Simple notophyll vine-fern forest characterised by *Grevillea glauca* + *Fagraea cambagii* + *Garcinia warrenii* + *Mischocarpus exangulatus* + *Pandanus monticola* (in seepage areas). Moist foothills on metamorphics.
- 10f Simple notophyll vine forest characterised by *Pseudoweinmannia lachnocalyx* with emergent *Agathis robusta*. Moist highlands on rhyolites. (subtype of 10a)
- 10g Simple notophyll vine forest dominated by *Dryadodaphne trachyphloia*. Very wet uplands on granites (subtype of 10a)
- 10h Simple notophyll vine forest dominated by *Ceratopetalum virchowii*. Wet wet uplands on metamorphics (subtype of 10a)
- 10i Simple notophyll vine forest characterised by *Argyrodendron polyandrum* + *Flindersia brayleyana*. Wet uplands on granites. (variant of 10a)
- 10j Simple notophyll vine forest dominated by *Acacia celsa* (on sharply broken topography). Wet foothills on metamorphics. (variant of 10a)
- 10k Simple notophyll vine forest (shallow soils and severe drainage subject to wind shearing in exposed situations). Moist to very wet uplands and highlands on granites and metamorphics. (subtype of 10a)
- 10l Simple notophyll vine forest characterised by *Bliepharocarya involucrigera* + *Acacia celsa* + *Flindersia bouyifiana* + *Syzygium anophoroides* + *Dillenia alata* (on shallow sand islands above swamps). Moist to very wet lowlands on alluvium and dunes. (subtype of 2a)
- 11a **Semi-evergreen notophyll vine forests (SENVF)**  
Semi-evergreen notophyll vine forest. Moist and dry foothills and uplands on granites and metamorphics.
- 12a **Semi-evergreen notophyll vine thickets (SENVT)**  
Semi-notophyll semi-evergreen vine thicket. Dry uplands on rhyolites.
- 12b Semi-evergreen notophyll vine thicket with emergent *Argyrodendron polyandrum*. Moist uplands on granites.
- 12c Semi-evergreen notophyll vine thicket characterised by *Argyrodendron polyandrum* + *Strychnos pilosperma* + *Croton insularis* + *Bromyia platyneura* + *Geijera salicifolia* + *Elaeodendron melaleucarpum*. Dry uplands on rhyolites.
- 13a **Semi-deciduous notophyll vine forests (SDNVF)**  
Complex semi-deciduous notophyll vine forest. Moist and dry foothills and uplands on basalts.
- 13b Semi-deciduous notophyll vine forest characterised by *Terminalia arcuata* + *Acacia polystachya* (on coastal headlands). Moist lowlands and foothills on metamorphics, alluvium and rhyolites. (variant of 3a)
- 13c Semi-deciduous notophyll vine forest characterised by *Melia azedarach* + *Pleiotropium timorense* + *Ganophyllum falcatum* + *Paraserianthes toona* + *Pison racemosa* + *Argyrodendron polyandrum* + *Astoria scholaris*. Moist lowlands on dunes. (variant of 7c)
- 13d Semi-deciduous notophyll vine forest characterised by *Ganophyllum falcatum* + *Pleiotropium timorense* + *Argyrodendron polyandrum* + *Paraserianthes toona* + *Melia azedarach* + *Chionanthus ramiflora* (on rocky gorges and talus slopes). Moist foothills and uplands on metamorphics and granites. (subtype of 7c)

### Microphyll rainforests and thickets

#### Simple microphyll vine forests (SMVF)

- 14a Simple microphyll vine-fern forest. Moist to very wet (± cloud) highlands on granites, metamorphics and rhyolites.
- 14b Microphyll vine forest dominated by *Agathis robusta* + *Argyrodendron polyandrum*. Moist uplands on granites. (variant of 7c)
- 14c Simple microphyll vine-fern forest characterised by *Ceratopetalum virchowii* (on exposed ridges). Very wet highlands on granites. Very wet highlands on granites (subtype of 14a)
- 14d Simple microphyll vine-fern forest characterised by *Cinnamomum propinquum*. Very wet (± cloud) highlands on granites. (subtype of 14a)

- 14e Simple microphyll vine-fern forest characterised by *Uromyrsus tenella*. Very wet uplands on metamorphics. (subtype of 14a)
- 14f Microphyll vine-sedge forest characterised by *Syzygium kuranda* + *Pouteria euphelia* + *Podocarpus grayae* + *Musgravea stenostachya* + *Stenocarpus cryptocarpus*. Wet (± cloud) uplands on metamorphics. (subtype of 14a)
- 15a **Microphyll vine thickets (MVT)**  
Microphyll vine thicket characterised by emergent *Aracuaria cunninghamii* var. *cunninghamii*. Moist and dry foothills and uplands on granites and rhyolites.
- 15b Microphyll vine thicket (restricted to Mount Fox on unconsolidated pyroclastic volcanic cones). Dry uplands on basalts.
- 15c Microphyll vine thicket with emergent *Licuala ramsayi* var. *ramsayi* + *Oraniopsis appendiculata* (impeded drainage). Very wet uplands on granites and metamorphics.
- 15d Microphyll vine thicket commonly with *Mimusops elengi* + *Terminalia muelleri* + *Pouteria sericea* ± *Eccocarpos latifolius*. Moist and wet lowlands on dunes. (subtype of 8a)
- 16a **Deciduous microphyll thickets (DVT)**  
Deciduous microphyll vine thicket. Moist and dry foothills on granites.
- 16b Deciduous microphyll vine thicket characterised by *Gossia bidwillii* (on steep rock talus and boulder slopes). Moist foothills on granites. (variant of 16a)
- 17a **Microphyll fern thickets (MFT)**  
Simple microphyll vine-fern thicket. Very wet (± cloud) highlands on granites.
- 17b Microphyll vine thicket characterised by *Trochocarpa bellendenkerensis* + *Uromyrsus tenellus* + *Rhodomyrsus macropara* + *Placospermum coriaceum* + *Musgravea stenostachya* + *Acacia celsa* (on steep boulder field and scree slopes). Wet uplands on granites. (subtype of 17a)

### SCLEROPHYLL AND SCLEROPHYLL RAINFOREST TRANSITIONS

#### Closed *Acacia* forests

- 18a Closed *Acacia* celsa forest ± variable rainforest species. Very wet to dry foothills to highlands on granites and metamorphics.
- 18b Closed *Acacia mangium* forest + *Acacia celsa*. Moist to very wet lowlands and foothills mostly on granites.
- 18c Closed *Acacia polystachya* forest + variable rainforest species. Moist to very wet foothills and uplands on metamorphics and granites.
- 18d Closed *Acacia melanoxylon* forest + *Acacia celsa*. Wet (± cloud) highlands on granites and rhyolites.
- 18e Closed *Acacia polystachya* forest + variable rainforest and sclerophyll forest species (on seasonal watercourses). Wet foothills on metamorphics.
- 18f Closed *Acacia mangium* thicket + *Acacia crassicaarpa* + *Hibiscus tiliaecus* + *Breynia cernua* + *Cupaniopsis anacardioides* + *Terminalia muelleri* (on shallow sand dunes overlying saline soils). Moist lowlands on dunes.

### Closed Eucalyptus forests

- 19a Closed *Corymbia torelliana* forest + *Corymbia intermedia* ± *Eucalyptus tereticornis* subsp. *tereticornis* ± variable rainforest species. Wet to dry uplands on metamorphics, rhyolites and granites.
- 19b Open to closed *Eucalyptus pellita* forest + *Corymbia intermedia* ± *Eucalyptus tereticornis* subsp. *tereticornis* ± *Corymbia torelliana* ± variable rainforest species. Wet and very wet lowlands and foothills mostly on metamorphics.

### Closed Lophostemon forests

- 20a Open to closed *Lophostemon confertus* forest + variable rainforest and sclerophyll forest species. Very wet to dry foothills to highlands on a variety of geologies.

- 21a **SCLEROPHYLL FORESTS AND WOODLANDS**  
**Acacia forests and woodlands**  
Low to medium, open to closed *Acacia crassicaarpa* forest. Moist to very wet lowlands on dunes.
- 21b Medium open *Acacia mangium* forest + *Lophostemon suaveolens* ± *Eucalyptus pellita* ± *Corymbia tessellaris* ± *Corymbia intermedia*. Moist lowlands and foothills on granites and alluvium.
- 21c Low open *Acacia flavescens* forest ± *Allocasuarina littoralis*. Moist to very wet lowlands to uplands on a variety of geologies.
- 21d Low open *Acacia flavescens* forest + *Acacia cinchonata*. Moist foothills on granites.
- 21e Low *Acacia polystachya* woodland. Moist foothills on metamorphics and granites.
- 21f Low open *Acacia julifera* forest. Wet foothills on rhyolites.

### Casuarina forests and woodlands

- 22a Low open *Allocasuarina littoralis* woodland + *Corymbia intermedia* + *Lophostemon suaveolens* (restricted to Hinchinbrook Island). Wet lowlands and foothills on alluvium and colluvium.
- 22b Low *Allocasuarina littoralis* woodland + *Eucalyptus pellita* ± *Allocasuarina torulosa* ± *Acacia crassicaarpa*. Moist to wet uplands on alluvium. (variant of 2a)
- 22c Low open *Allocasuarina littoralis* woodland and shrubland (on shallow soils). Dry to very wet uplands mostly on granites and rhyolites.
- 22d Medium open *Allocasuarina torulosa* forest + *Acacia celsa*. Dry to wet foothills and uplands on metamorphics, granites and rhyolites.
- 22e Tall *Casuarina cunninghamiana* subsp. *cunninghamiana* woodland + *Lophostemon suaveolens* ± *Eucalyptus tereticornis* subsp. *tereticornis* ± *Melaleuca leucadendra* ± an understory of *Melaleuca viminalis* + *Bursaria tenellifolia* (riparian). Dry to wet lowlands to uplands mostly on alluvial deposits.
- 22f Low open *Casuarina equisetifolia* subsp. *equisetifolia* forest (on coastal headlands). Moist foothills on granites.

### Eucalyptus forests and woodlands

- 23a Medium open *Corymbia abergiana* forest + *Eucalyptus portuensis* + *Syncarpia glomulifera* subsp. *glomulifera* ± *Corymbia leptoloma* ± *Acacia flavescens*. Moist and dry uplands on rhyolites and granites.
- 24a Medium *Corymbia citriodora* subsp. *citriodora* woodland + *Eucalyptus portuensis* ± *Corymbia intermedia* ± *Syncarpia glomulifera* subsp. *glomulifera* ± *Eucalyptus drepanophylla* ± *Xanthorrhoea johnsonii*. Moist and dry uplands and highlands mainly on granites and rhyolites.
- 25a Medium *Corymbia clarksoniana*/*Corymbia intermedia* woodland + *Eucalyptus tereticornis* subsp. *tereticornis* ± *Lophostemon suaveolens*. Dry to wet lowlands to uplands on a variety of geologies.
- 25b Medium *Corymbia clarksoniana* woodland. Moist and wet foothills on granites and alluvium.
- 25c Medium *Corymbia clarksoniana* woodland + *Corymbia tessellaris* + *Acacia crassicaarpa*. Moist lowlands on dunes.
- 25d Medium *Corymbia clarksoniana* woodland + *Corymbia tessellaris* + *Eucalyptus drepanophylla* ± *Eucalyptus platyphylla* ± *Melaleuca dealbata* ± *Eucalyptus tereticornis* subsp. *tereticornis*. Moist and dry uplands and highlands, rhyolites and alluvium. (subtype of 25a)
- 26a Low to medium *Corymbia dallachiana* woodland and open woodland + *Corymbia tessellaris* + *Themedia triandra* (on coastal headlands). Moist lowlands and foothills on metamorphics.
- 27a Low open *Corymbia lyallii* woodland + *Eucalyptus cullenii* + *Xanthorrhoea johnsonii*. Moist foothills on granites.
- 27b Low sparse *Corymbia lyallii* woodland + *Corymbia dallachiana* + *Corymbia abergiana* + *Petalostigma pubescens* ± *Melaleuca stenostachya* ± *Callitris intratropica* ± *Melaleuca viridiflora*. Dry uplands on metamorphics.
- 28a Medium *Corymbia intermedia* woodland + *Eucalyptus pellita* + *Lophostemon suaveolens* + *Melaleuca dealbata* (on old beach ridges). Wet and very wet lowlands on dunes.
- 28b Medium to tall open *Corymbia intermedia* forest + *Allocasuarina torulosa*. Moist to very wet lowlands and foothills on a variety of geologies.
- 28c Medium *Corymbia intermedia* woodland + *Eucalyptus pellita* ± *Acacia mangium* ± *Eucalyptus tereticornis* subsp. *tereticornis* ± *Acacia celsa* ± *Lophostemon suaveolens* ± *Syncarpia glomulifera* subsp. *glomulifera*. Moist to very wet foothills mainly on granites and metamorphics.
- 28d Medium open *Corymbia intermedia* forest + *Syncarpia glomulifera* subsp. *glomulifera* ± *Lophostemon confertus* ± *Allocasuarina torulosa* ± *Banksia aquilonia*. Wet to dry uplands mostly on granites and rhyolites.
- 28e Medium open *Corymbia intermedia* forest + *Allocasuarina littoralis* ± *Lophostemon suaveolens*. Moist and dry uplands on granites, rhyolites and laterites.
- 28f Medium *Corymbia intermedia* woodland + *Eucalyptus resinifera* + *Syncarpia glomulifera* subsp. *glomulifera* ± *Eucalyptus drepanophylla*. Moist and dry uplands and highlands on granites and rhyolites.

- 29a Medium to tall open *Corymbia nesophila* forest. Moist foothills on metamorphics, granites and alluvium.
- 29b Medium *Corymbia nesophila* woodland ± *Corymbia clarksoniana* ± *Erythrophleum chlorostachys*. Moist foothills on metamorphics, granites and alluvium.
- 30a Low to medium *Corymbia stockeri* woodland and open woodland + *Syncarpia glomulifera* subsp. *glomulifera* + *Eucalyptus portuensis* ± *Corymbia citriodora* subsp. *citriodora*. Moist foothills and uplands on granites.
- 31a Medium open *Corymbia tessellaris* forest + *Melaleuca dealbata* + *Corymbia intermedia* + *Lophostemon suaveolens* ± *Acacia* spp. ± *Canarium australicum* ± *Deplanchea tetraphylla* (on prograding dunes). Wet to dry lowlands on dunes.
- 31b Medium to tall *Corymbia tessellaris* woodland ± *Corymbia intermedia*. Very wet to dry lowlands and foothills on a variety of geologies.
- 31c Medium *Corymbia tessellaris* woodland + *Eucalyptus tereticornis* subsp. *tereticornis* ± *Corymbia intermedia* ± *Eucalyptus platyphylla* ± *Lophostemon suaveolens*. Moist to very wet lowlands and foothills mostly on metamorphics.
- 31d Low to medium open *Corymbia tessellaris* woodland + *Corymbia intermedia* ± *Corymbia clarksoniana* (restricted to Palm Island). Moist foothills on granites.
- 31e Medium *Corymbia tessellaris* woodland (restricted to Mount Fox on a pyroclastic volcanic cone). Dry uplands on basalts.
- 32a Low to medium *Eucalyptus atrata* woodland and open woodland + *Corymbia lyallii* + *Corymbia dallachiana*. Moist and dry uplands mostly on metamorphics and granites.
- 33a Medium *Eucalyptus chlorophylla* woodland + *Corymbia clarksoniana* + *Eucalyptus platyphylla* + *Melaleuca viridiflora* (on shallow soils with impeded drainage). Moist foothills on alluvium. (subtype of 50b)
- 34a Tall open *Eucalyptus cloeciana* forest. Dry to wet foothills and uplands on granites and rhyolites.
- 34b Medium open *Eucalyptus cloeciana* woodland + *Corymbia abergiana* + *Corymbia citriodora* subsp. *citriodora* + *Eucalyptus portuensis* ± *Eucalyptus shirleyi* ± *Eucalyptus lockyeri* subsp. *lockyeri* (on rocky slopes). Dry highlands on granites.
- 34c Medium open *Eucalyptus cloeciana* woodland. Dry to wet foothills to highlands on granites and rhyolites. (subtype of 34a)
- 35a Low to medium *Eucalyptus crebra* woodland + *Eucalyptus granitica* + *Corymbia erythrophloia*. Dry foothills and uplands on granites, metamorphics and basalts.
- 35b Medium open *Eucalyptus crebra*/*granitica* woodland + *Eucalyptus tereticornis* subsp. *tereticornis*. Dry uplands on granites and laterites.
- 36a Low *Eucalyptus crebra* woodland + *Corymbia tessellaris* ± *Eucalyptus platyphylla* ± *Melaleuca nervosa*. Moist foothills mostly on metamorphics.
- 36b Low open *Eucalyptus cullenii* woodland ± *Eucalyptus platyphylla* ± *Corymbia citriodora* subsp. *citriodora*. Moist foothills and uplands on metamorphics.
- 37a Open *Eucalyptus drepanophylla* woodland + *Eucalyptus shirleyi*. Dry lowlands on alluvium.
- 37b Medium *Eucalyptus drepanophylla* woodland + *Corymbia clarksoniana* + *Eucalyptus platyphylla* ± *Corymbia tessellaris* ± *Corymbia dallachiana*. Dry lowlands on alluvium.
- 37c Medium *Eucalyptus drepanophylla* woodland + *Corymbia intermedia* + *Corymbia clarksoniana* + *Acacia polystachya* (restricted to Orpheus Island). Moist foothills on granites.
- 37d Medium open *Eucalyptus drepanophylla*/*Eucalyptus crebra* forest. Moist and dry foothills on granites and metamorphics.
- 37e Low open *Eucalyptus drepanophylla* woodland + *Melaleuca monantha* (on soils with impeded drainage). Dry foothills and uplands on metamorphics.
- 37f Medium open *Eucalyptus drepanophylla* woodland + *Callitris intratropica*. Dry uplands on metamorphics.
- 37g Low to medium *Eucalyptus drepanophylla*/*Eucalyptus granitica* woodland + *Corymbia clarksoniana* + *Acacia* spp. Dry uplands on metamorphics, granites and rhyolites.
- 38a Tall open *Eucalyptus grandis* forest. Wet to dry (± cloud) uplands and highlands on a variety of geologies.
- 38b Tall open *Eucalyptus grandis* forest + *Eucalyptus pellita* x *grandis* ± *Eucalyptus pellita* + *Corymbia intermedia* ± *Acacia celsa* ± *Allocasuarina torulosa*. Dry (± cloud) uplands mostly on granites. (subtype of 38a)
- 39a Medium *Eucalyptus leptophleba* woodland ± *Corymbia clarksoniana* + *Eucalyptus platyphylla* ± *Erythrophleum chlorostachys* ± *Eucalyptus tereticornis* subsp. *tereticornis* ± *Corymbia tessellaris* ± *Melaleuca* foothills and uplands on metamorphics, alluvium and granites.
- 39b Medium open *Eucalyptus leptophleba* forest + *Melaleuca dealbata* + *Eucalyptus tereticornis* subsp. *tereticornis* ± *Eucalyptus platyphylla*. Dry foothills on alluvium. (subtype of 39a)
- 40a Medium *Eucalyptus moluccana* woodland. Dry uplands and highlands on a variety of geologies.
- 41a Medium open *Eucalyptus pellita* woodland + *Corymbia intermedia* (seasonal swamp). Wet and very wet lowlands on alluvium. (subtype of 19b)
- 42a Medium *Eucalyptus platyphylla* open forest. Moist and dry lowlands to uplands mostly on alluvium.
- 42b Low to medium *Eucalyptus platyphylla* woodland + *Corymbia intermedia* + *Lophostemon suaveolens*. Moist and dry lowlands and foothills on a variety of geologies.
- 42c Medium *Eucalyptus platyphylla* woodland + *Eucalyptus leptophleba* ± *Corymbia lyallii* + *Melaleuca viridiflora* ± *Melaleuca stenostachya* + *Grevillea glauca* ± *Petalostigma pubescens* + *Acacia* spp. Dry foothills on alluvium. (subtype of 39a)
- 43a Medium to tall open *Eucalyptus portuensis* forest ± *Corymbia nesophila*. Wet foothills and uplands on metamorphics.
- 43b Medium open *Eucalyptus portuensis* forest + *Corymbia intermedia* ± *Eucalyptus drepanophylla* ± *Eucalyptus platyphylla* ± *Lophostemon suaveolens* ± *Syncarpia glomulifera* subsp. *glomulifera*. Moist and dry foothills and uplands on a variety of geologies.
- 43c Low to medium *Eucalyptus portuensis* forest + *Corymbia intermedia* + *Eucalyptus drepanophylla* + *Xanthorrhoea johnsonii* ± *Cycas media* (on steep rocky hillsides). Wet to dry foothills and uplands mostly on granites and rhyolites.
- 43d Low to medium open *Eucalyptus portuensis* woodland + *Corymbia dimorpha*/*Corymbia leichhardtii* + *Eucalyptus shirleyi* + *Grevillea glauca* + *Eucalyptus esseri* ± *Eucalyptus granitica* ± *Corymbia clarksoniana</*