

Fire regime
 Intensity
 Frequency
 Distribution

Adaptions
 Modified leaves
 Lignotubers
 Epicormic buds
 Thick bark
 Woody seed capsules

Blackbutt
Enc. pilularis

Scribbly Gum and Bloodwood.

Blackbutt.

Brush Box and Palm Forest.

Brush Box and Simple
 Sub-Tropical Rainforest.
 (WTRF)

Complex Sub-Tropical
 Rainforest.

Palm forest
 and
 Complex
 STRF.

PALM FOREST
 Bangalow palms
 and
 flax-lilly

BRUSH BOX

BRUSH BOX
Lophostemon confertus

BLACKBUTT
Eucalyptus pilularis

SCRIBBLY GUM
Eucalyptus signata

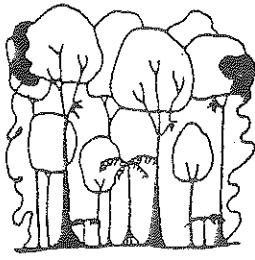
BLOODWOOD
Eucalyptus gummiifera

← RHYOLITE → RHYOLITE → RHYOLITE → RHYOLITE → RHYOLITE → RHYOLITE →

ABBREVIATIONS

- WTRF Warm-Temperate Rainforest
- STRF Sub-Tropical Rainforest
- Notophyll Notophyll Vine forest.
- Leaves longer than 7.5cm
- less than 12.5cm long.
- CNVF Complex Notophyll vine forest.
- SNVF Simple Notophyll vine forest.

SUBFORMS OF RAINFOREST



SUBTROPICAL RAINFOREST

Trees — 2 or 3 strata of trees

- diverse : 10-60 species in canopy
- leaf size large: notophylls and mesophylls common
- leaves often compound, and mostly with entire margins
- stranglers (figs) often common
- palms often common
- plank-buttresses common
- uneven, non-uniform canopy

Vines — large, thick-stemmed vines common and diverse

Large epiphytes — (orchids, ferns aroids) common and diverse

Special features — large-leaved herbs and ground-ferns common

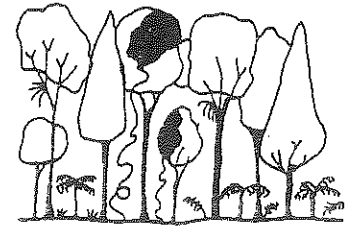
Habitat — high rainfall (> 1300 mm)

- eutrophic parent rocks (basalt, rich shales, some granodiorites, etc)
- favoured by shelter eg. in gullies
- warmer areas : sea level to 900 m

Note — although the tree species are very diverse the commoner ones often include : *Argyrodendron* spp. (booyongs), *Sloanea woolfsii* (yellow carabeen), *Dysoxylum fraserianum* (rosewood), *Ficus* spp. (figs), *Acmena*, *Syzygium* (lilly pillies).

Some major occurrences of STRf

- Conondale Range
- Mount Glorious area
- upper Bunya Mountains
- Main Range
- McPherson Range and Tweed Range
- Nightcap Range
- basaltic lowlands of Richmond River area
- Dorrigo plateau and Bellinger Valley
- Hastings and Wilson Rivers
- Comboyne plateau
- Barrington - Gloucester areas
- gullies all along east side of Dividing Range
- Illawarra coastal plain and scarp



WARM-TEMPERATE RAINFOREST

Trees — 2 strata of trees

- less diverse than STRf: canopy layer of 3-15 species
- leaf size medium: notophylls and microphylls common
- simple leaves with toothed margins most common
- stranglers and palms rare or absent
- plank-buttresses rare or absent
- fairly even canopy

Vines — large vines sparse to fairly common

Large epiphytes — sparse to fairly common, but few species

Special features — slender rather uniform tree trunks

- many trunks with whitish covering of lichens
- ground ferns frequent

Habitat — fairly high rainfall (over 1300 mm)

- medium to high altitude (450 to 1200 m)
- poorer soils on oligotrophic rocks eg. rhyolite, trachyte, slates, but on eutrophic rocks (eg. basalt) in southern localities

Note — the commonest trees are usually coachwood, *Ceratopetalum apetalum*, sassafras, *Doryphora sassafras* and various Lauraceae

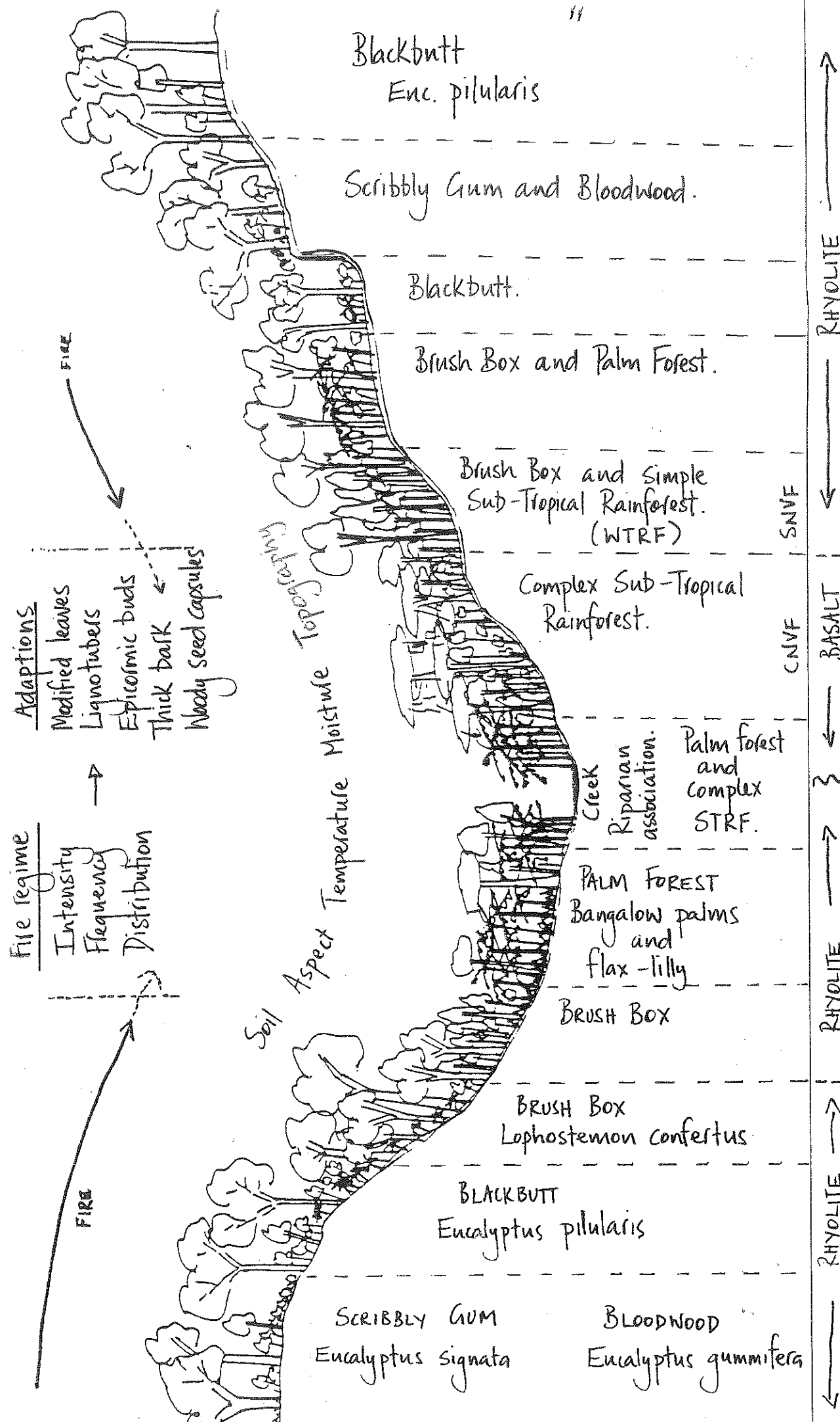
Some major occurrences of WTRf:

- McPherson Range (higher parts)
- Gibraltar Range — Washpool area
- Dorrigo plateau, on slates, shales etc
- Hastings River headwaters
- Barrington and Gloucester Tops
- Blue Mountains (deep gorges, also on basalt knobs)
- Robertson plateau

OTHER SUBFORMS OF RAINFOREST

- * LITTORAL RAINFOREST - COASTAL FORM
- * TROPICAL RAINFOREST - TROPICAL FORM

- * COOL TEMPERATE RAINFOREST
- * DRY RAINFOREST.



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 Epicormic buds
 Thick bark
 Woody seed capsules

Fire regime
 Intensity
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Soil
 Aspect
 Temperature
 Moisture

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