

## RAINFOREST / FOREST TREES

### Rusty plum *Niemeyera whitei*

**Key features:** Leaves paler beneath. Shoots / stems exude white milky sap if cut. New shoots have rusty hairs.

**What is it?** Small to medium-sized tree to 20m. Fluted trunk.

**Leaves:** Alternate, 5-15cm long, 2-5cm wide. Paler beneath. Firm texture. 9-14 pairs of secondary veins, curved.

**Flowers:** Creamy green, in clusters of 4-15. Spring.

**Fruit:** Plum-like, red turning purple-black, 2-5cm diameter. Shiny seed inside.

**Similar species:** White ash (*Alphitonia petrei*) branches horizontal, bark dappled white-grey, fruit diameter less than 2cm

**How rare?** Vulnerable on BC Act.

**Where is it?** Rainforest and adjacent eucalypt forest. Known from **Dorrigo NP, New England NP, Nymboi-Binderay NP** and near **Junuy Juluum NP**.

**Where can I see one?**

Coffs Harbour Regional Botanic Gardens at GR119485



## RAINFOREST / FOREST TREES

### Red boppel nut *Hicksbeachia pinnatifolia*

**Key features:** Multi-stemmed. Long toothed and heavily lobed leaves. Flowers and fruits form in the same way as macadamias.

**What is it?** Small tree to 10m, often with unbranched stems arising from rootstock.

**Leaves:** Leathery, toothed, 40-100cm long, branching into many leaflets / lobes. Winged central spine.

**Flowers:** A 15-35cm long flower spike contains many small spidery flowers – purplish brown in colour.

**Fruit:** Bright red fleshy (but hard) fruits 2-4cm long. Summer.

**Similar species:** Firewheel tree and Prickly ash can have similar lobed leaves but are much shorter.

**How rare?** Vulnerable on BC Act.

**Where is it?** Subtropical rainforest, wet eucalypt forest. Known from the Rosewood River area in **Dorrigo NP**.

#### Where can I see one?

Coffs Harbour Regional Botanic Gardens at GR119484

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## RAINFOREST / FOREST TREES

### Rainforest cassia *Senna acclinis*

**Key features:** Longer leaves, leaflets and seed pods more drawn out than *Senna pendula* var. *glabrata*.

**What is it?** Shrub to 3m tall.

**Leaves:** Compound leaves to 15cm long, each with 5-7 pairs of oval-shaped leaflets at 15mm intervals. 1-4 glands stick up between lowest leaflets. *S. acclinis* gland includes a knob on end.

**Flowers:** Bright yellow, cup-shaped, in groups of 2-5 on a short stalk, on underside of branchlets.

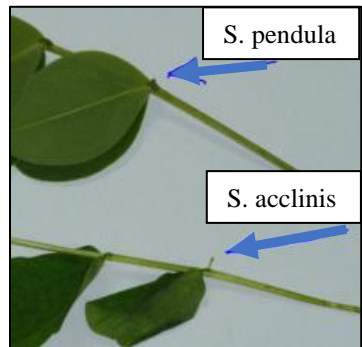
**Fruit:** Long narrow pod, 12-15cm long, 6-8mm wide, mostly flat.

**Similar species:** Weed *S. pendula* leaves to 4-8cm with more rounded leaflets. Only 1 gland – NOTE HEIGHTS OF GLAND IN PHOTO. *S. pendula* pod is cylindrical.

**How rare?** Listed as *Endangered* on BC Act.

**Where is it?** In/on the edge of subtropical and dry rainforest. Known from **Dorrig NP, New England NP (Brinerville), Nymboi-Binderay NP** and near **Junuy Juluum NP**.

**Where can I see one?** Coffs Botanic Gardens at GR120485





## RAINFOREST / FOREST TREES

### Swamp turpentine *Rhodamnia rubescens*

**Key features:** Leaves 3-veined.  
Impacted by myrtle rust.

**What is it?** Shrub or tree to 25m tall  
with reddish/brown fissured bark.  
Young stems with dense fine hairs.

**Leaves:** Opposite. Prominent 3-  
veined form from the base, 5-10cm  
long, 2-5cm wide. Upper surface  
green and sparsely hairy, lower  
surface paler and sparsely hairy  
to densely hairy. Distinct oil dots.

**Flowers:** 3-flowered with white  
petals, 4-6mm diameter.

**Fruit:** Ball-shaped, 5-8mm  
diameter, red turning black.

**Similar species:** Silver myrtle  
(*Rhodamnia argentea*) has  
papery bark and leaves 4-13cm  
long.

**How rare?** Listed as *Critically  
Endangered* on BC Act.

**Where is it?** Warm temperate and subtropical rainforest and wet  
sclerophyll forest. Known from **Dorrigo NP, Nymboi-Binderay NP,  
Cascade NP, Chaelundi NP, Chaelundi SCA, Mt Hyland NP,  
Gumbaynggirr NP, New England NP, Baalijin NP.**

#### Where can I see one?

Coffs Harbour Botanic Gardens at GR121486

Source of images: © B.M Ralley



## RAINFOREST / FOREST TREES

**Native guava**

*Rhodomyrtus psidioides*

**Key features:** Glossy (upper) leaves with prominent lateral veins. Impacted by myrtle rust.

**What is it?** Shrub or small tree to 12m tall with brown scaly bark. Young branchlets and flowers covered in pale hairs.

**Leaves:** Opposite. Glossy upper surface, paler beneath, 5-25cm long, 2.5-6.5cm wide. Prominent lateral veins and oil glands. Sweet smell if crushed

**Flowers:** Clustered flowers on a long (10-25mm) stalk. White or pink petals 7-10mm long.

**Fruit:** A berry, 1-25mm long, 10-15mm wide, yellow and fleshy.

**Similar species:** Guava (*Psidium guajava*?) leaves smell of guava when crushed. More glossy upper leaves than *Cinnamomum* spp.

**How rare?** Listed as *Critically Endangered* on BC Act.

**Where is it?** A pioneer species often near creeks. In littoral, warm temperate and subtropical rainforest and wet sclerophyll forest. Known from **Dorrigo NP, Cascade NP, Nymboi-Binderay NP, Chaelundi SCA.**

**Where can I see one?** Coffs Harbour Botanic Gardens?

Source of images: © B.M Ralley



## RAINFOREST / FOREST TREES

### Magenta lilly pilly

### *Syzygium paniculatum*

**Key features:** Shiny leaves, bright magenta fruits

**What is it?** Small to medium sized tree to 15m with brown, flaky bark.

**Leaves:** Shiny, dark-green above and paler beneath, 4.5-10cm long, 1.5-3cm wide, gradually tapering to a point. Many lateral veins.

**Flowers:** White flower-clusters at the end of each branch, November to February. Small petals with long stamens.

**Fruit:** Deep magenta, spherical or egg-shaped, 15-25mm diameter.

**Similar species:** Midrib slightly sunken, unlike blue lilly pilly (*S. oleosum*). *S. australe* has reddish pink to red berries.

**How rare?** Listed as *Endangered* on BC Act.

**Where is it?** Subtropical and littoral rainforest, particularly on sandy soils. Known from **Chaelundi NP** and **Dorrigo NP**.

### Where can I see one?

Coffs Harbour Botanic Gardens at GR120485

*Source of images:* Peter Woodward, © Terry Tame and © Shane Rumming





## RAINFOREST / FOREST TREES

### Gympie stinger

### *Dendrocnide moroides*

**Key features:** Large toothed heart-shaped leaves with stinging hairs - VERY VERY PAINFUL

**What is it?** Shrub to 4m.

**Leaves:** Large toothed heart-shaped leaves, 10-25cm long, 8-20cm wide. Covered in stinging hairs that cause intense and persistent pain when they contact the skin.



**Flowers:** Loose branching cluster up to 15cm long of male and female flowers in summer.

**Fruit:** Flower stalks swell and develop into fleshy purplish fruit-like clusters.



**Similar species:** Giant stinging tree grows to a large tree and leaves are more strongly heart-shaped (cordate). Leaf stems are 10-20mm long compared with giant stinging tree 5-15mm.

**How rare?** Listed as 'Endangered' on the BC Act.

**Where is it?** Grows in lowland rainforest, especially in gaps or other disturbed sites, mostly found in Queensland. Very rare in NSW. Found in **Chaelundi NP**.

**Where can I see one?**