



Society for Growing Australian Plants (Queensland Region) Inc.

Cairns Branch
PO Box 199
Earlville Qld 4870

Newsletter No. 70
AUGUST 2007

Society Office Bearers

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Vice Chairperson	Mary Gandini	40 542 190
Secretary	Greg Keith	40 981 130
Treasurer	Robert Jago	40 552 266
Librarian	David Warmington	40 443 398

Membership Subscriptions- Qld Region- Renewal \$35.00, New Members \$40, each additional member of household \$1.00

Cairns Branch Fees -\$10.00 Full Year

To access our Library for loan of books, please contact David Warmington

Dates to Remember

Cairns Branch Meetings and Excursion – third Saturday of each month.

18 August 10 a.m., Charlie Taylor's, RMB 4414, Black Mountain Road, Julatten.

This property, at the northern end of Black Mountain Road in Julatten, is located in the headwaters of the Mowbray River. The property is partly cleared, and you can expect to see rain forest at the drier end of the spectrum, and maybe eucalypt forests.

Tablelands Branch – Sunday following the meeting on the 4th Wednesday of the month.

29 July TBA

Any queries please phone Ian Evans 4096 5770.

Cooktown Orchids for Cooktown!

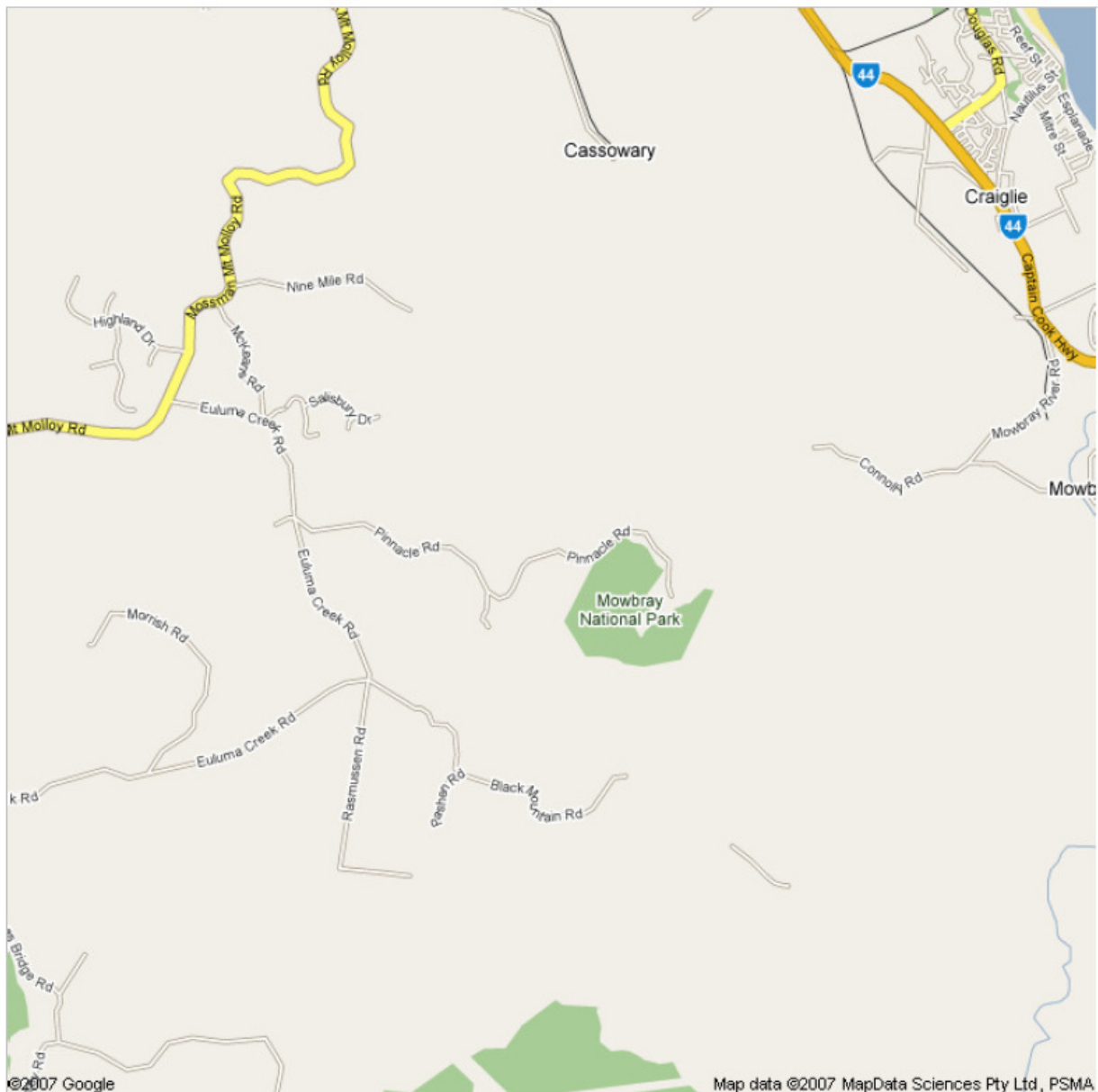
One of the ideas to come out of this year's Cooktown Botanic Gardens field trip was to assist the gardens in propagating Cooktown Orchids, both for display and for sale.

Chris Evans of Tablelands SGAP has contacted Laurie Green and he is very willing to help us with the Cooktown orchids. He has said he will donate a further \$100 towards the project. He will grow them on so that by June

2008 they will be ready to flower and to put out on the trees. We will need to liaise with Diana to organise a cherry picker to we can put them up fairly high.

Laurie is going to try and get to Cooktown to look at suitable places for them in the Gardens.

In addition to this, Chris has invited Cairns Branch to join Tablelands branch in contributing \$50.00 to the project, as discussed in Cooktown.



To get there, head up the coast from Cairns, turn up the Rex Range Road 4km south of Mossman. When you hit the top of the range, keep your eyes peeled for Euluma Creek Road on the left. Follow this down about 4 km to its intersection with Black Mountain Road. Turn down Black Mountain Road and watch for RMB 4414, opposite a shed/house. The corner of the block has a large white concrete tank.

Trip Report

Informal outing, Sunday 12 August

For various reasons, no formal SGAP outing or meeting was held in July.

On Sunday 12 August, a small group of Cairns Branch members, accompanied by Michael from the Douglas Shire nursery, went on a short morning outing to Mossman Gorge. Greg Keith, after not being seen at an SGAP outing for quite some time, after being swamped by family and work commitments, lead us along an easy graded road in Daintree National Park.

After studiously ignoring the “NO ENTRY” sign at the gate, we wandered up the gentle track through beautiful lowland mesophyll vine forest. We were reminded that the Wet Tropics contains a huge diversity of the protea/grevillea family, Proteaceae. Within a few metres of the gate we passed saplings of *Grevillea baileyana* with its bronze-golden foliage, *Musgravea heterophylla*, northern silky oak *Cardwellia sublimis* and *Darlingia darlingiana*.

Further up, the forest was dominated in places by the Daintree penda *Lindsayomyrtus racemoides*, a Wet Tropics endemic with unusual (maybe even unique) blue juvenile foliage. A little way up the track, Greg turned off the main track and headed down towards the Mossman River, weaving past enormous granite boulders to a massive old kauri pine *Agathis robusta*. In such wet forest, finding a grand old kauri like that is an unexpected pleasure. Scattered in the undergrowth around its base were a few unusual, attractive *Phyllanthus microphylla* shrubs, a species that warrants further attention from cultivators.

After leaving the kauri, we continued up the end of the road where it meets the Mossman River. An amazing number and diversity of epiphytes drip from the golden pendas *Xanthostemon chrysanthus* right here. I've not seen anything like it – orchids, ferns, tassel ferns, ant plants, mosses, leafy liverworts and even trees (umbrella trees *Schefflera actinophylla* and *Fagraea berteronana*). After a brief botanically focussed exploration, and a short but mildly



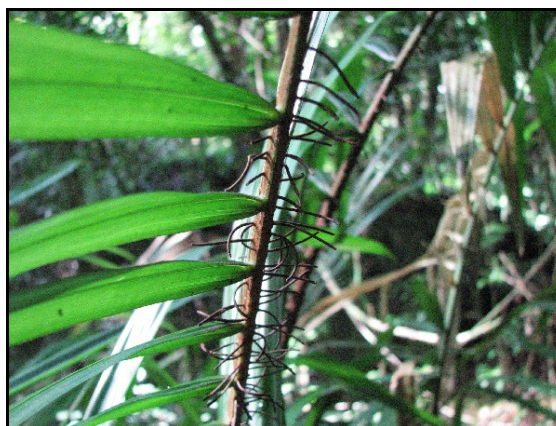
Blue new growth on the Daintree penda.



Giant old kauri, Mossman Gorge



Hedraianthera porphyropetala



Calamus moti infected with a strange endophytic fungus

suicidal rock hop up the river, we headed back down the road.

This easy, diverse, accessible and interesting walk is definitely worth another look. Bob Jago's already done a species list for the track – I've attached it to the end of this newsletter.

New Books

Last month, Greg Keith passed on an email from Queensland Landcare, advertising a variety of interesting-looking books. Here's a few more I've selected for this month's newsletter.

Landcare Queensland has launched a new publication service for Queensland and beyond. With a focus on all things landcare related, the bookshop will provide publications related to working and playing in the natural environment.

Members of Landcare Queensland receive a discount. The really, really good news is that membership to Landcare Queensland is only \$20 a year. This list will grow over time, so if you have requests for publications, please email us at sherryn@landcare.com.au.

Landcare Queensland | ABN 81 100 646 268
PO Box 13204, George Street Q 4003
Phone 07 3211 4413 | Fax 07 3211 4407

The Australian Green Grants Guide 2007

Now in its second year, the Australian Green Grants Guide 2007 is a resource for both the community and industry that will help get more environmental projects off the ground. The guide is a comprehensive listing of environmental and heritage grants offered by Government and non-Government organisations.

Cost: \$49.50. Member's price: \$45.00

Cost: \$29.95. Member's price: \$27.50

Discovery Guide to Outback Queensland

The Discovery Guide to Outback Queensland sets a new benchmark in travel books, making it an invaluable resource for any tourist and a must-have for exploring the Far West of the State. The Discovery Guide highlights more than 55 towns and settlements in an area

stretching from Camooweal, Mount Isa and Hughenden, south to the New South Wales border and from just east of the Matilda Highway to the Northern Territory and South Australian borders. It includes traditional guide book information on facilities, special attractions and annual events, but also utilises the expertise of Queensland Museum staff in providing an overview of the geology, climate, landscape, environment and human history of Outback Queensland. The text is further enhanced by historical timelines and maps for each town and short snippets on plants and animals, colourful Outback personalities and significant historical events.
Cost: \$32.95. Member's price: \$30.00

Field guide to the freshwater fishes of Australia

From tiny gobies to the giant barramundi, this comprehensive volume provides in-depth coverage of nearly 300 species - every fish known to inhabit freshwater on the Australian continent. Stunning illustrations in full colour, with additional hints for rapid identification, complement the concise summary of biological knowledge. Authored by G Allen, S Midgley, and M Allen

Cost: \$45.00. Member's price: \$38.00

A field guide to the reptiles of Queensland by Steve Wilson

A Field Guide to Reptiles of Queensland features 433 reptiles, the full complement of reptiles in Queensland. It includes dragons, geckos, legless lizards, skinks, goannas, snakes, crocodiles and freshwater and marine turtles. There are keys at both the genus and species levels, information on treatment for snake bites, a brief discussion on Queensland's biogeography, its reptiles and reasons why so many are endemic to this one State. Author Steve Wilson is a remarkable wildlife photographer and all 433 species are shown here.

Cost: \$34.95. Member's price: \$32.50.

Tracks, Scats and other traces. A field guide to Australian Mammals by Barbara Triggs

Mammals inhabit every corner of our vast continent, yet the great majority of species are

seldom seen. The only clue to their presence might be a footprint left on a muddy track, a scat deposited on a rocky ledge, or bones scattered on a forest floor. In *Tracks, Scats and Other Traces*, Barbara Triggs provides all information needed to identify mammals anywhere in Australia, using only the tracks or other signs they leave behind.

Cost: \$39.95. Member's price: \$36.50

Wildlife of Tropical North Queensland

Tropical North Queensland is one of the world's most beautiful natural areas. Each year, thousands of visitors, from across Australia and overseas, are drawn to the region to experience for themselves the lure of its spectacular landscapes and astonishing wildlife. This full colour identification guide covers the area east of the Great Dividing Range between Cooktown and Mackay (including Cairns and Townsville), and is the first comprehensive publication on the animals of Tropical North Queensland. Easy-to-read information on more than 850 species and 950 colour photographs make it an essential handbook for residents and visitors alike.

Cost: \$32.90. Member's price: \$30.00

Rainforest Trees and Shrubs: a field guide to their identification by Gwen Harden,

Bill McDonald and John Williams

This > 300 page field guide is the successor to *Trees and Shrubs in Rainforest > of New South Wales and southern Queensland* (Williams, Harden & McDonald 1984), which was known by many as the 'Red Book' and widely used by professional botanists and rainforest enthusiasts alike. This book has been rewritten and updated with additional species, while keeping the essentials of the original format and will enable the identification of rainforest trees and shrubs of Victoria, NSW and subtropical Queensland using vegetative features. It has been brought up to date with additional species and more comprehensive information. The book includes descriptions of 850 species (an increase of 309 from the 'Red Book'), each with leaf and fruit drawings.

Cost: \$50. Member's price: \$46.00.

If you have any book reviews, pictures, notes on growing tropical Australian plants or trip reports you'd like published in this newsletter, please send them to me: Stuart Worboys – email worboys1968@yahoo.com.au

Plants of Mossman Gorge

CONIFERS & ALLIES

Araucariaceae

Agathis robusta

Queensland Kauri Pine

Stangeriaceae

Bowenia spectabilis

Bowenia or Zamia Fern

Zamiaceae

Lepidozamia hopei

Zamia Palm or Hope's Cycad

FERNS & ALLIES

Adiantaceae

Adiantum diaphanum

Filmy Maidenhair Fern

Angiopteridaceae

Angiopteris evecta

King Fern

Aspleniaceae

Asplenium australasicum
Asplenium laserpitifolium
Asplenium nidus
Asplenium simplicifrons

Bird's Nest Fern
Johnstone River Maidenhair
Birds Nest Fern
Narrow Bird's Nest Fern

Blechnaceae

Blechnum cartilaginum

Gristle Fern

Cyatheaceae

Cyathea cooperi

Scaly Tree Fern

Hymenophyllaceae

Crepidomanes bipunctatum

<i>Lindsaeaceae</i>		Lindsaea brachypoda	
<i>Lycopodiaceae</i>			
	R	Huperzia phlegmaria	Common Tassel Fern
	V	Huperzia phlegmarioides	Layered Tassel Fern
<i>Lygodiaceae</i>		Lygodium reticulatum	
<i>Marattiaceae</i>			
		Marattia oreades	Potato Fern
<i>Nephrolepidaceae</i>			
		Arthropteris palisotii	
		Nephrolepis obliterated	
<i>Polypodiaceae</i>			
		Belvisia mucronata	Rat's-tail Fern
		Colysis ampla	
		Drynaria rigidula	Basket Fern
<i>Pteridaceae</i>			
		Pteris ensiformis	
<i>Selaginellaceae</i>			
		Selaginella australiensis	
		Selaginella longipinna	
<i>Thelypteridaceae</i>			
		Amphineuron queenslandicum	
		Christella dentata	
		Christella subpubescens	
<i>Vittariaceae</i>			
		Antrophyum callifolium	Ox Tongue Fern

FLOWERING PLANTS

<i>Acanthaceae</i>	*	Thunbergia alata	Black-eyed-susan
<i>Anacardiaceae</i>	*		
		Mangifera indica	Mango
		Rhus taitensis	Sumac
<i>Annonaceae</i>			
	R	Desmos goezeanus	
		Haplostichanthus submontanus subsp. submontanus	Mt. Finnigan
	R	Meiogyne hirsuta	Henrietta Creek
		Melodorum uhrii	
	R	Pseuduvaria froggattii	
<i>Apiaceae</i>			
		Centella asiatica	Pennywort
<i>Apocynaceae</i>			
		Alstonia muelleriana	Hard Milkwood
		Alstonia scholaris	Milky Pine
		Alyxia ruscifolia subsp. major	Chain Fruit
		Cerbera floribunda	Cassowary Plum
		Kopsia arborea	
		Melodinus acutiflorus	Yappa Yappa
		Melodinus australis	Bellbird Vine
		Parsonia velutina	Velvet Silkpod
		Tabernaemontana pandacaqui	Banana Bush
		Wrightia laevis subsp. millgar	Millgar
<i>Araceae</i>			
	*	Dieffenbachia leoniae	Dumb Cane
		Epipremnum pinnatum	Native Monstera
		Gymnostachys anceps	Settler's Flax
		Pothos longipes	Pothos
		Rhaphidophora australasica	
	*	Syngonium podophyllum	Goosefoot
<i>Araliaceae</i>			
		Polyscias australiana	Ivory Basswood
		Polyscias elegans	Celerywood
		Polyscias purpurea	
		Schefflera actinophylla	Umbrella Tree
<i>Areaceae</i>			
		Archontophoenix alexandrae	Alexandra Palm
		Calamus australis	Hairy Mary Lawyer Cane
		Calamus motii	Wait-a-While Lawyer Cane
		Calamus radicalis	Vicious Hairy Mary Lawyer Cane
	*	Cocos nucifera	Coconut
		Linospadix minor	Walking Stick Palm
<i>Asclepiadaceae</i>			

	Hoya pottsii	Native Hoya
<i>Atherospermataceae</i>	Doryphora aromatica	Northern Sassafras
<i>Balanophoraceae</i>	Balanophora fungosa	
<i>Bignoniaceae</i>	Pandorea pandorana	Wonga Vine
<i>Bromeliaceae</i>	Ananas comosus	
<i>Celastraceae</i>	Euonymus australiana Hedraianthera porphyropetala Hypsophila dielsiana Salacia disepala Siphonodon membranaceus	Ivorywood
<i>Clusiaceae</i>	Calophyllum australianum	Blush Tourgia
<i>Combretaceae</i>	Terminalia sericocarpa	Damson
<i>Connaraceae</i>	Connarus conchocarpus Rourea brachyandra	Shell Vine
<i>Convolvulaceae</i>	Merremia peltata	
<i>Dichapetalaceae</i>	Dichapetalum papuanum	
<i>Dilleniaceae</i>	Tetracera daemeliana Tetracera nordtiana var. nordtiana	Fire Vine
<i>Dracaenaceae</i>	Cordyline cannifolia	Native Cordyline
<i>Ebenaceae</i>	Diospyros cupulosa Diospyros sp. (Swipers LA BPM Hyland 1984 RFK)	Scrub Ebony
<i>Elaeagnaceae</i>	Elaeagnus triflora	Milla Milla
<i>Elaeocarpaceae</i>	Elaeocarpus bancroftii Elaeocarpus grandis Sloanea langii	Kuranda Quandong Silver Quandong White Carabeen
<i>Euphorbiaceae</i>	Breynia cernua Glochidion philippicum Glochidion sumatranum Macaranga involucrata var. mallotoides Macaranga subdentata Rockinghamia angustifolia Sauropus albiflorus	Fart Tree Buttonwood Buttonwood Brown Macaranga Needlebark
<i>Fabaceae</i>	Austrosteenisia stipularis Derris sp. (Daintree D. E. Boyland + 469)	
<i>Flacourtiaceae</i>	Scolopia braunii	Flintwood
<i>Flagellariaceae</i>	Flagellaria indica	Supplejack
<i>Gentianaceae</i>	Fagraea berteriana	
<i>Grossulariaceae</i>	Abrophyllum ornans var. ornans	Native Hydrangea
<i>Hernandiaceae</i>	Hernandia albiflora	
<i>Hypoxidaceae</i>	Molineria capitulata	Weevil Lily
<i>Icacinaceae</i>	Citronella smythii Gomphandra australiana Irvingbaileya australis	Silky Beech Buff Beech
<i>Lamiaceae</i>	Glossocarya hemiderma	

<i>Lauraceae</i>	Beilschmiedia bancroftii	Yellow Walnut
	Cryptocarya clarksoniana	Clarkson's Laurel
	Cryptocarya hypospodia	Northern Laurel
	Cryptocarya laevigata	Glossy Walnut
	Cryptocarya mackinnoniana	Rusty Laurel
	Cryptocarya murrayi	Murray's Laurel
	Cryptocarya oblata	Tarzali Silkwood
	Endiandra cowleyana	Rose Walnut
	Endiandra hypotephra	Rose Walnut
	Endiandra leptodendron	
	Endiandra sankeyana	Sankey's walnut
	Endiandra wolfei	Wolfe's Walnut
	Litsea leefeana	Bollywood
	Neolitsea dealbata	
<i>Maesaceae</i>	Maesa dependens var. pubescens	
<i>Malvaceae</i>	* Sida acuta	
<i>Melastomataceae</i>	Medinilla balls-headleyi	
	Otanthera bracteata	Bush Strawberries
<i>Meliaceae</i>	Aglaia meridionalis	Rusty Almond
	Aglaia sapindina	Boodyarra
	Aglaia tomentosa	Rusty Boodyarra
	Dysoxylum arborescens	Mossman Mahogany
	Dysoxylum oppositifolium	Pink Mahogany
	Dysoxylum papuanum	Spice Mahogany
	Dysoxylum parasiticum	Yellow Mahogany
	Dysoxylum peltigrewianum	Spur Mahogany
<i>Menispermaceae</i>	Carronia protensa	
	Hypserpa decumbens	
	Hypserpa laurina	
	Parapachygone longifolia	
<i>Mimosaceae</i>	Acacia mangium	Sally Wattle
	Entada phaseoloides	Match Box Bean
	* Mimosa pudica	Sensitive Plant
<i>Monimiaceae</i>	Palmeria scandens	Anchor Vine
	Stegantthera laxiflora subsp laxiflora	Tetra Beech
<i>Moraceae</i>	Ficus congesta var. congesta	Red Leaf Fig
	Ficus pantoniana var. pantoniana	Climbing Fig
	Ficus septica var. cauliflora	Septic Fig
	Ficus variegata var. variegata	Variegated Cluster Fig
	Maclura cochinchinensis	Cock Spur Vine
	Trophis scandens	Crow Ash Vine
<i>Myristicaceae</i>	Myristica globosa subsp muelleri	Nutmeg
<i>Myrsinaceae</i>	Ardisia pachrrhachis	Mountain Ardisia
	Myrsine porosa	
	Myrsine subsessilis subsp. cryptostemon	
<i>Myrtaceae</i>	Backhousia bancroftii	Stonewood
	Backhousia hugesii	Brown Myrtle
	Decaspermum humile	Malanda Ironwood
	Gossia myrsinocarpa	Daintree Penda
	Lindsayomyrtus racemoides	Iron Malletwood
	Rhodamnia sessiliflora	Northern Malletwood
	Rhodamnia spongiosa	Bumpy Satinash
	Syzygium cormiflorum	Plum Satinash
	Syzygium cryptophlebium	Kuranda Satinash
	Syzygium kuranda	
	Syzygium maraca	
	R Waterhousea hedraiophylla	Gully Satinash
<i>Oleaceae</i>	Chionanthus ramiflora	Native Olive
	Chionanthus sleumeri	
<i>Orchidaceae</i>	Dienia montana	Common Snout Orchid

<i>Pandanaceae</i>	Freycinetia scandens Pandanus monticola	Scrub Breadfruit
<i>Philesiaceae</i>	Eustrephus latifolius	Wombat Berry
<i>Phormiaceae</i>	Dianella atraxis Dianella odorata	Flax Lily
<i>Piperaceae</i>	Piper caninum Piper hederaceum Piper macropiper	Native Pepper Native Pepper Native Pepper
<i>Pittosporaceae</i>	Pittosporum rubiginosum	Red Pittosporum
<i>Poaceae</i>	Cyrtococcum oxyphyllum * Megathyrsus maximus var. maximus Oplismenus hirtellus subsp imbecillis Oplismenus undulatifolius * Paspalum conjugatum	Guinea Grass Sour Grass
<i>Proteaceae</i>	Cardwellia sublimis Darlingia darlingiana Grevillea baileyana Helicia nortoniana Musgravea heterophylla	Northern Silky Oak Brown Silky Oak Findlay's Silky Oak Briar Silky Oak
<i>Rhamnaceae</i>	Alphitonia whitei Rhamnella vitiensis	Red Ash
<i>Rhizophoraceae</i>	Carallia brachiata	Corky Bark
<i>Rosaceae</i>	Prunus turneriana	Almondbark
<i>Rubiaceae</i>	Atractocarpus fitzalanii subsp fitzalanii Atractocarpus hirtus Atractocarpus sessilis Ixora biflora * Lasianthus strigosus Mitracarpus hirtus Psychotria dallachiana Psychotria nematopoda Psydrax lamprophyllum Tarenna dallachiana subsp. dallachiana Timonius timon var. timon	Brown Gardenia Hairy Gardenia False Gardenia Blue Rubi Small Square Weed Canthium Tree Ixora
<i>Rutaceae</i>	Bosistoa medicinalis Medicosma fareana Medicosma sessiliflora Melicope elleryana	White Aspen Evodia
<i>Sapindaceae</i>	Alectryon tomentosus Aryterya pauciflora Cupaniopsis foveolata Diploglottis smithii Elastostachys microcarpa Ganophyllum falcatum Guioa acutifolia Harpullia rhyticarpa Lepiderema sericolignis Mischocarpus lachnocarpus Sarcopteryx reticulata Synima cordierorum	Red jacket Pink Tamarind White Tamarind Scrub Tamarind Daintree Hickory Glossy Tamarind Scrub Tamarind Woolly Tamarind Scrub Tamarind Synima
<i>Sapotaceae</i>	Niemeyera prunifera Palaquium galactoxylum Pouteria brownlessiana Pouteria obovoidea Pouteria xerocarpa	Milky Plum Cairns Pencil Cedar Yellow Boxwood Blush Coonadoo
<i>Smilacaceae</i>	Smilax calophylla	
<i>Sterculiaceae</i>	Argyrodendron peralatum Brachychiton acerifolius	Red Tulip Oak Flame Tree

	Commersonia macrostipulata	(Kuranda K. Williams 211)
	Franciscodendron laurifolium	Cabbage Crowsfoot
<i>Strychnaceae</i>		
	Strychnos minor	Snakewood
<i>Symplocaceae</i>		
	Symplocos cynocarpa	Blue Hazelwood
<i>Theaceae</i>		
	Ternstroemia cherryi	Cherry Beech
<i>Urticaceae</i>		
	Dendrocide moroides	Gympi Gympi Stinger
<i>Verbenaceae</i>		
	* Stachytarpheta cayennensis	Snakeweed
<i>Vitaceae</i>		
	Tetrastigma nitens	Shining Grape
<i>Xanthophyllaceae</i>		
	Xanthophyllum octandrum	MacIntyre's Boxwood
<i>Zingiberaceae</i>		
	Alpinia caerulea	Native Ginger
	Alpinia modesta	Narrow Leafed Ginger
	Hornstedtia scottiana	Native Cardamon
	Pleuranthodium racemigerum	Orange Fruited Ginger