

SGAP Cairns

NEWSLETTER 214 SEPTEMBER 2021

SGAP goes to Goldsborough

Don Lawie, photos by Helen Lawie

Conditions were just right for a rainforest ramble: it had rained steadily for the previous couple of days and it looked like heavy rain on the day. Undeterred, we took raincoats and a change of clothes and set off for this gem of the Russell/Mulgrave river system, hidden in the upper part of the Mulgrave and watered by the rain attracted by the enclosing Bellenden Ker Range.

The 1.7 km track to Kearney's Falls begins near the National Parks campground and runs in an easterly direction through semi-upland forest dominated by several species of very large trees. First of these was the familiar Milky Pine *Alstonia scholaris*, standing tall and proud. Milky pine timber is ideal for cabinet-type work but is undervalued because it deteriorates rapidly in outdoors conditions.

Spur Mahogany *Dysoxylum peltigrewianum* and Cairns Pencil Cedar *Palaquium galactoxylum* (which we encountered last month on the shore of Lake Placid) towered above the track as it wound gently upward. It was interesting to compare the buttress patterns of these two large tree species - the *Dysoxylum* has shoulder high plank buttresses while the Pencil Cedar has a tall cylindrical trunk surrounded by buttresses that give it the appearance of a space rocket.



Don Lawie dwarfed by an enormous *Bischofia javanica*

There were occasional small conical termite mounds about 50 cm high, built in the shelter of these buttresses and awaiting a visit from the Buff Breasted Kingfishers who excavate the mounds to make a weatherproof nest chamber in summer.

Rob found above the track a compound fruit of a fairly rare plant: *Pseuduvaria mulgraveana* subspecies *mulgraveana*. This plant (I'm not going to type all that again) has a small singular flower which gives rise to, if I remember correctly, up to fifteen fruits. (Editor's Note: Like many "primitive" plants, the female units of the *Pseuduvaria* flower (the carpels) are separate and unfused, and thus it is possible to have several fruitlets developing from one flower.) It would make an interesting garden plant.



The aggregate fruit of *Pseuduvaria mulgraveana*, derived from a single flower.

Rob pointed out a particularly large tree with an upright trunk and no buttresses at all, a Java Cedar *Bischofia javanica*, growing as a sentinel to a flight of stone and concrete steps which took the track up towards the falls. At this stage I had walked far enough and several of us made

our way back to the parking lot, leaving Rob and the rest of the team to reach and admire the falls.

We returned to the public picnic place for smoko and discussion and to welcome Megan, Cameron and Rhiannon on their first excursion with us. Megan brings the little known world of Bryophytes to us, pointing out miniscule specimens of Liverwort and Moss existing on the end of an otherwise unremarkable stick collected from the ground. We hope to learn more from Megan.

For interested readers who have come this far: no, it did not rain on us except for a bit of light mist. But yes, several of us copped a good dose of scrub itch. A small price to pay for the privilege visiting our beautiful rainforest.

The following checklist of vascular plants recorded by members of the Cairns Branch of the Society for Growing Australian Plants, Queensland Region, during a visit 15th August 2021. The checklist is far from complete and many more species remain to be identified and recorded.

*Introduced naturalised exotic species not native to Australia

NT Listed as Near Threatened in the Nature Conservation (Plants) Regulation 2020

FERNS & ALLIES

- Aspleniaceae
 - Asplenium nidus* Birds Nest Fern
- Dryopteridaceae
 - Bolbitis quoyana*
 - Lastreopsis poeciloplebia*
 - Lastreopsis wurunuran*
- Hymenophyllaceae
 - Crepidomanes bipunctatum*
- Nephrolepidaceae
 - Nephrolepis birsutula*

- Polypodiaceae
 - Drynaria rigidula* Basket Fern
 - Drynaria sparsisora*
 - Microsorium punctatum*
 - Platyserium hillii* Northern Elkhorn Fern
- Pteridaceae
 - Antrophyum callifolium* Ox Tongue Fern
- Tectariaceae
 - Arthropteris palisotii*
- Thelypteridaceae
 - Christella dentata* Creek Fern

GYMNOSPERMS

- Araucariaceae
 - Agathis robusta* Queensland Kauri Pine
- Zamiaceae
 - Bowenia spectabilis* Bowenia or Zamia Fern

FLOWERING PLANTS-BASAL GROUP

- Annonaceae
 - Cananga odorata* Woolly Pine or Ylang Ylang
 - Uvaria leichhardtii* Acid Drop Vine
 - Polyalthia hispida*

<i>Huberantha nitidissima</i>	Canary Beech
<i>Polyalthia</i> sp. (Bellenden Ker R.L. Jago 7748)	
<i>Pseuduvaria mulgraveana</i> var <i>mulgraveana</i>	
Atherospermataceae	
<i>Daphnandra repandula</i>	Grey Sassafras
Eupomatiaceae	
<i>Eupomatia laurina</i>	Wujigay
Lauraceae	
<i>Beilschmiedia obtusifolia</i>	Hard Bollygum
<i>Cryptocarya clarksoniana</i>	Clarkson's Laurel
<i>Cryptocarya hypospodia</i>	Northern Laurel
<i>Cryptocarya laevigata</i>	Glossy Walnut
<i>Cryptocarya leucophylla</i>	
<i>Cryptocarya murrayi</i>	Murray's Laurel
<i>Cryptocarya rhodosperma</i>	
<i>Cryptocarya triplinervis</i> var. <i>riparia</i>	Brown Laurel
<i>Endiandra cowleyana</i>	Rose Walnut
<i>Endiandra insignis</i>	Hairy Walnut
<i>Endiandra longipedicellata</i>	Buff Walnut
<i>Endiandra palmerstonii</i>	Black Walnut
<i>Neolitsea dealbata</i>	Grey Bollywood
Monimiaceae	
<i>Steghanthera laxiflora</i> subsp <i>laxiflora</i>	Tetra Beech
<i>Wilkiea longipes</i>	
Myristicaceae	
<i>Myristica globosa</i> subsp <i>muelleri</i>	Nutmeg
Piperaceae	
<i>Peperomia blanda</i> var. <i>floribunda</i>	
<i>Piper caninum</i>	Native Pepper
<i>Piper hederaceum</i> var. <i>hederaceum</i>	Native Pepper
<i>Piper macropiper</i>	Native Pepper

FLOWERING PLANTS-MONOCOTYLEDONS

Araceae	
<i>Epipremnum pinnatum</i>	Native Monstera
<i>Pothos brownii</i>	Candle Vine
Arecaceae	
<i>Calamus australis</i>	Hairy Mary Lawyer Cane
<i>Calamus caryotoides</i>	Fishtail Lawyer Cane
<i>Calamus motii</i>	Wait-a-While Lawyer Cane
Asparagaceae	
<i>Cordyline cannifolia</i>	Native Cordyline; Midgenbil
<i>Lomandra bystrix</i>	Creek Matrush
Commelinaceae	
<i>Ancilema acuminatum</i>	
<i>Pollia macrophylla</i>	
Costaceae	
<i>Tapinochilos ananassae</i>	Backscratcher Ginger
Flagellariaceae	
<i>Flagellaria indica</i>	Supplejack
Hemerocallidaceae	
<i>Dianella bambusifolia</i>	Flax Lily

<i>Geitonoplesium cymosum</i>	Scrambling Lily
Musaceae	
<i>Musa banksii</i>	Native Banana
Orchidaceae	
<i>Corymborkis veratifolia</i>	White Cinnamon Orchid
<i>Dendrobium prenticei</i>	Cylindrical Button Orchid
<i>Schoenorchis micrantha</i>	Tangled Flea Orchid
Pandanaeae	
<i>Benstonea monticola</i>	Scrub Breadfruit
<i>Freycinetia scandens</i>	
Poaceae	
<i>*Axonopus compressus</i>	Broad Leaf Carpet Grass
<i>Cyrtococcum oxyphyllum</i>	
<i>Leptaspis banksii</i>	
<i>Oplismenus compositus</i>	
<i>Oplismenus imbecillis</i>	Little Basket Grass
<i>Panicum trichoides</i>	
Smilacaceae	
<i>Smilax aculeatissima</i>	
<i>Smilax calophylla</i>	Sarsaparilla Vine
Zingiberaceae	
<i>Alpinia caerulea</i>	Native Ginger
<i>Alpinia modesta</i>	Narrow Leafed Ginger
<i>Meistera dallachyi</i>	Green Ginger

FLOWERING PLANTS-EUDICOTS

Anacardiaceae	
<i>*Mangifera indica</i>	Mango
Apiaceae	
<i>Centella asiatica</i>	Pennywort
Apocynaceae	
<i>Alstonia scholaris</i>	Milky Pine; Jalnggan
<i>Hoya australis</i> subsp. <i>tenuipes</i>	Rainforest wax Flower
<i>Ichnocarpus frutescens</i>	
<i>Melodinus australis</i>	Bellbird Vine
<i>Parsonia longipetiolata</i>	Green-leaved Silkpod
<i>Parsonia velutina</i>	Velvet Silkpod
<i>Wrightia laevis</i>	Millgar
Araliaceae	
<i>Heptapleurum actinophyllum</i>	Umbrella Tree
<i>Polyscias australiana</i>	Ivory Basswood
<i>Polyscias elegans</i>	Celerywood
Asteraceae	
<i>*Ageratum conyzoides</i> var <i>conyzoides</i>	Blue Top;
Billygoat Weed	
<i>*Emilia sonchifolia</i> var <i>sonchifolia</i>	Emilia
<i>*Synedrella nodiflora</i>	Cinderella Weed
<i>Youngia japonica</i>	
Balanophoraceae	
<i>Balanophora fungosa</i> subsp. <i>fungosa</i>	
Bignoniaceae	
<i>Neosepicaca jucunda</i>	Jucunda Vine
Cardiopteridaceae	

<i>Cardiopteris moluccana</i>	
Caryophyllaceae	
* <i>Drymaria cordata subsp. cordata</i>	Tropical
Chickweed	
Celastraceae	
<i>Euonymus australiana</i>	
<i>Hippocratea barbata</i>	Knott Vine
<i>Salacia discipala</i>	
<i>Siphonodon membranaceus</i>	Ivorywood
Clusiaceae	
<i>Calophyllum sil</i>	Blush Touriga
Combretaceae	
<i>Terminalia sericocarpa</i>	Damson
Connaraceae	
<i>Connarus conchocarpus</i>	Shell Vine
<i>Rourea brachyandra</i>	Water Vine
Cunoniaceae	
<i>Davidsonia pruriens</i>	Davidson's Plum
Dichapetalaceae	
<i>Dichapetalum papuanum</i>	
Dilleniaceae	
<i>Tetracera nordtiana var. nordtiana</i>	Fire Vine
Ebenaceae	
<i>Diospyros laurina</i>	Scrub Ebony
Elaeocarpaceae	
<i>Elaeocarpus grandis</i>	Silver Quandong; Murrigan
Euphorbiaceae	
<i>Aleurites rockinghamensis</i>	Candlenut
<i>Claoxylon hillii</i>	Hill's Brittlewood
<i>Codiaeum variegatum var. moluccanum</i>	
<i>Macaranga involucrata var. mallotoides</i>	Brown Macaranga
<i>Macaranga subdentata</i>	Needlebark
<i>Mallotus mollissimus</i>	Kamala
<i>Mallotus philippensis</i>	Red Kamala
<i>Mallotus polyadenos</i>	Kamala
<i>Mallotus repandus</i>	
Fabaceae	
<i>Acacia mangium</i>	Sally Wattle
<i>Castanospermum australe</i>	Black Bean; Junggurra
<i>Entada phascoloides</i>	Match Box Bean
<i>Derris sp.</i> (Claudie River L.J. Webb+ 8348)	
<i>Pongamia pinnata var. minor</i>	
Icacinaceae	
<i>Gomphandra australiana</i>	Buff Beech
Lamiaceae	
<i>Coleus scutellarioides</i>	
<i>Oxera splendida</i>	October Glory
<i>Gmelina dalrympleana</i>	Grey Teak
<i>Vitex queenslandica</i>	Vitex
Lecythidaceae	
<i>Barringtonia calyptata</i>	Cassowary Pine
Loganiaceae	
<i>Strychnos minor</i>	Snakewood
Malvaceae	
<i>Bombax ceiba var. leiocarpum</i>	Kapok Tree
<i>Trichospermum pleiostigma</i>	Whitfield Ash
Meliaceae	
<i>Aglaia sapindina</i>	Boodyarra
<i>Dysoxylum alliaceum</i>	Buff Mahogany
<i>Dysoxylum arborescens</i>	Mossman Mahogany
<i>Dysoxylum gaudichaudianum</i>	Ivory Mahogany
<i>Dysoxylum mollissimum subsp. molle</i>	Miva Mahogany
<i>Dysoxylum oppositifolium</i>	Pink Mahogany
<i>Dysoxylum parasiticum</i>	Yellow Mahogany
<i>Dysoxylum pettigrewianum</i>	Spur Mahogany
Menispermaceae	
<i>Carronia protensa</i>	
<i>Pycnarrhena novoguineensis</i>	
Moraceae	
<i>Ficus fraseri</i>	Figwood
<i>Ficus hispida</i>	Hairy Fig; Boombil
<i>Ficus septica</i>	
<i>Ficus variegata var. variegata</i>	Variegated Cluster Fig
<i>Ficus virens</i>	White Fig
<i>Ficus virgata var. virgata</i>	Figwood
<i>Streblus brunonianus</i>	White Handlewood
<i>Trophis scandens subsp. scandens</i>	Crow Ash Vine
Myrtaceae	
<i>Corymbia tessellaris</i>	Moreton Bay Ash; Carbeen
<i>Melaleuca viminalis</i>	Red Bottlebrush
<i>Ptilodostigma tropicum</i>	Apricot Myrtle
<i>Rhodamnia sessiliflora</i>	Iron Malletwood
<i>Rhodomyrtus macrocarpa</i>	Finger Cherry
<i>Syzygium claviflorum</i>	Trumpet Satinash
<i>Syzygium cormiflorum</i>	Bumpy Satinash
<i>Syzygium tierneyanum</i>	Creek Satinash; River Cherry
<i>Syzygium xerampelinum</i>	Mulgrave Satinash
<i>Tristaniopsis exiliflora</i>	Kanuka Box
<i>Xanthostemon chrysanthus</i>	Golden Penda; Black Penda
Nyctaginaceae	
<i>Pisonia aculeata</i>	Thorny Pisonia
<i>Pisonia umbellifera</i>	Cabbagewood
Oleaceae	
<i>Chionanthus ramiflora</i>	Native Olive
<i>Jasminum didymum subsp. didymum</i>	Native Jasmine
<i>Ligustrum Australianum</i>	
Oxalidaceae	
* <i>Oxalis debilis var. corymbosa</i>	Pink Shamrock
Passifloraceae	
<i>Adenia heterophylla subsp. heterophylla</i>	Lacewing Vine
Phyllanthaceae	
<i>Antidesma bunius</i>	Herbert River Cherry
<i>Bischofia javanica</i>	Java Cedar
<i>Glochidion harveyanum var. harveyanum</i>	Harvey's
Buttonwood	
<i>Glochidion philippicum</i>	Buttonwood

<i>Glochidion sumatranum</i>	Buttonwood		
Phytolaccaceae			
* <i>Rivina humilis</i>	Coral Berry		
Ranunculaceae			
<i>Clematis pickeringii</i>			
Rhamnaceae			
<i>Sageretia hamosa</i>			
<i>Ventilago ecorollata</i>			
Rhizophoraceae			
<i>Carallia brachiata</i>	Corky Bark		
Rosaceae			
<i>Prunus turneriana</i>	Almond bark		
Rubiaceae			
<i>Atractocarpus hirtus</i>	Hairy Gardenia		
<i>Ixora timorensis</i>	Native Ixora		
<i>Nauclea orientalis</i>	Leichhardt Tree		
<i>Pavetta australiensis</i> var. <i>pubigera</i>		Native Ixora	
<i>Psychotria dallachiana</i>			
Rutaceae			
<i>Brombya platynema</i>	Brombya		
<i>Glycosmis trifoliata</i>	Mock Orange		
<i>Melicope bonwickii</i>	Yellow Evodia		
<i>Melicope elleryana</i>	Evodia		
<i>Zantboxylum nitidum</i>			
Salicaceae			
<i>Casearia dallachii</i>	Dallachy's Silver Birch		
<i>Scolopia braunii</i>	Flintwood		
Sapindaceae			
		<i>Alectryon tomentosus</i>	Red Jacket
		<i>Aryterya pauciflora</i>	Pink Tamarind
		<i>Cupaniopsis foveolata</i>	White Tamarind
		<i>Diploglottis diphylostegia</i>	Wild Tamarind
		NT <i>Diploglottis barpullioides</i>	Babinda Tamarind
		<i>Ganophyllum falcatum</i>	Daintree Hickory
		<i>Guioa acutifolia</i>	Glossy Tamarind
		<i>Harpullia frutescens</i>	
		<i>Jagera pseudorhus</i> var. <i>integerrima</i>	Pink Foam bark
		<i>Mischocarpus lachnocarpus</i>	Woolly Tamarind
		<i>Mischocarpus stipitatus</i>	
		<i>Rhysotoechia robertsonii</i>	Robert's Tuckeroo
		<i>Sarcopteryx martyana</i>	
		Sapotaceae	
		<i>Palaquium galactoxylum</i>	Cairns Pencil Cedar
		<i>Planchonella myrsinodendron</i>	Yellow Boxwood
		Ulmaceae	
		<i>Trema orientalis</i>	Poison Peach Tree
		Urticaceae	
		<i>Dendrocnide moroides</i>	Gympi Gympi Stinger
		<i>Dendrocnide photinophylla</i>	Shiny Leaf Stinger
		Vitaceae	
		<i>Cissus repens</i>	Variiegated Grape
		<i>Leca novoguineensis</i>	Bandicoot Berry
		<i>Tetrastigma crenatum</i>	Native Grape
		<i>Tetrastigma nitens</i>	Shining Grape
		<i>Tetrastigma thorsborneorum</i>	Thorsborne's Grape



Bushwalker beware! Stinging tree, *Dendrocnide moroides*.



Mosses and liverworts are often overlooked, but thrive in the humid understory of the rainforest.



Beautiful Sonneratia alba mangrove, growing beside the Russell River. Photo by Patsy Penny.



Phlegmariurus phlegmaria at Henrietta Creek campground. Photo by Matt McIntosh.



Aegiceras corniculatum mangrove, photographed on the Russell River by Patsy Penny.

What's Happening...

Cairns

Sunday 19 September. Babinda Rainforest Farmstay, Kruckow Road, East Russell.

Meet Don & Pauline Lawie's home, 606 Kruckow Road East Russell 4861 (approx 10 ½ km from Babinda) for lunch at **12 noon**. There will be a plant and accessories raffle then we move to the Farmstay 1 ½ km south along Kruckow Road. We plan to stroll along Meringulah Creek (level easy walking) cross the causeway and explore the virtually untouched lowland rainforest at the foot of the Graham Range. New owners are

very keen to learn the botany of the place and if fine may run a few of us to the top of a hill where there is a very large unnamed tree - one for the botanists. Don was caretaker of this place throughout the 1980's and he can guarantee a most interesting walk. Look out for *Harungana madagascariensis* trees and their attendant orchid festoons - if they are still there!

Tablelands

Wednesday 22 September, 7.30 p.m. C.W.A. Hall, Tolga. Carolyn Emms from the Rainforest Reserves Association will talk about their re-vegetation

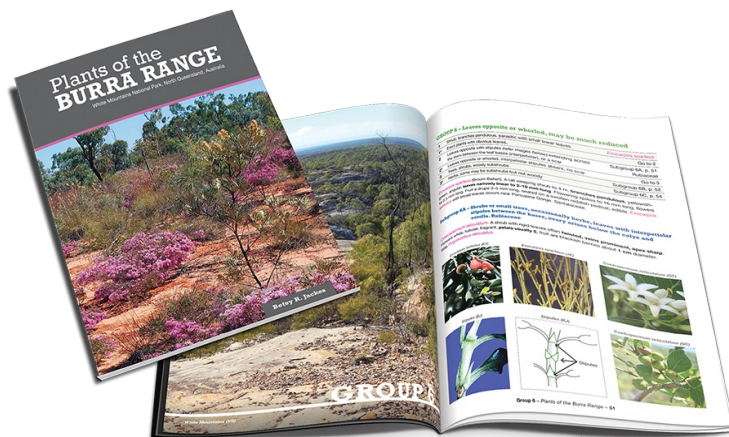
work and show a short film.

Sunday 26 September. Mt Lewis. Meet Rifle Creek camping area in Mt Molloy at 9.30 a.m. Bring wet weather gear.

Call Chris Jaminon for any other details - 4091 4565.

Townsville

Wednesday 8 September, 7 p.m. Meeting of Native Plants Queensland - Townsville Branch at Oonoonba Community Hall (Shannon Street Oonoonba).



Betsy Jackes splendid new book, "Plants of the Burra Range" is a completely revamped and redesigned new edition of her 1984 field guide.

Beautifully presented and well laid out with easy identification as a goal, it's the only guide to the amazing wildflowers of the Burra Range, located in the White Mountains National Park west of Townsville.

The book, priced at \$30, can be ordered from Mary Who bookshop (call 07 4771 3824) in Townsville.

SGAP Cairns Branch 2020-2021 Committee

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