

NEWSLETTER 212 JULY 2021

Bramston Beach, 20 June 2021

Don Lawie

When I was a boy - many years ago, Bramston Beach was reputed to be a no-go area due to some mystery disease linked to World War Two. I never did find out what it was but this month the beach and environs were popular on a warm winter day; barbeques were busy and family groups filled the public Day Use area adjacent to the crowded caravan park.

We snuggled in, ate our lunch and exchange news with friends not seen for a month. Welcome to new member Jeni B from Cairns who struck a chord with me since her father was, like me, an old-fashioned chemist.

The plant raffle disclosed some interesting items: Pauline presented a healthy cuttng-grown back sratcher ginger Tapeinocheilos annanassae, formerly the floral emblem of Cairns City but rarely seen today. Rob had a couple of pots of *Davidsonia pruriens* which he assured us are the usual type but whch look a bit different to those growing at home. Val opened a dialogue: should we only have plants in the raffle? Raffle proceeds go a good way in defraying our branch standng costs but not all people have the facilities for growing interesting native plants. Val put a jar of her cooking goodies on the table and it was snapped up. One could think of adding some sort of craft items e.g. decorated



plant pots or fancy labels. The field is open!!

Surprise Guest Speaker for the day was Dr Rob Jago, who gave us an impromptu but thorough and enjoyable run-through on Cairns Regional Council's Tree Data Base. We were suppposed to try this a few months ago but heavy rain prevented it. With input from us all, the first entry on the base for Bramston Beach was well and truly enshrined. Val chose her favourite tree, a Red Beech *Dillenia alata* for the subject and we entered a detailed descrption of a specimen adjacent to the lunch area.

Having made history we sojourned to South Bramston Beach, an area not as yet logged by Rob on his plant list. A large patch of a terrestrial fern caught Rob's eye. It could be either of two species – *Drynaria quercifolia* or *D. sparsisora*. The first specific name means "oak-like leaves" and the second " not many sporangia". *D. quercifolia* has not been reported south of Mossman and this could be a new find but alas, after futilely searching many fronds a set of sporangia was found. Yes – it was *sparsisora*.

We enjoyed a walk on the groyne, noted several species of beach plants,

spotted a Mangrove Heron stalking small fish and generally did what SGAP does before heading back for a cuppa and final chat.

In July we will be advenuring to Lake Placid and Barron Gorge. There is some interesting geology on the way to the gorge – evidence that this was once the botom of a deep sea. And who will forget our last visit to the Gorge? We were standing on the concrete bridge in light rain when the Barron Gorge Bunyip roared up the gorge, shouted at us and blew all of our umbrellas inside out – except for the Bunnings ones!



Clerodendrum inerme

Photo and text by Rob Jago

Some may remember during our recent outing to Bramston Beach a large vine climbing up and over trees near the boat ramp at Joyce Creek at the southern end of Bramston Beach. This vine on inspection proved to be a large specimen of *Clerodendrum inerme* (L.) Gaertn. This species is usually encountered as an untidy scrambling shrub along local beach fronts and along the edges of mangrove communities but can on occasion grow as a large vine. This species has an interesting taxonomic history and it would be fitting to feature an account of this species as the 6th July 2021 is the 315th anniversary of the death of the English physician, writer and botanist Leonard Plukenet (1641-1706) who played a part in the description and naming of this species.

Clerodendrum inerme was first collected from Australia by Joseph Banks and Daniel Solander at Thirsty Sound and the Endeavour River in 1770. Banks and Solander correctly recognised these gatherings as belong to Volkameria inermis L. described by Swedish Physician and botanist Carl Linnaeus (1707-1778) in his Species Plantarum of 1753. Linnaeus based his description on the illustration of Periclymeni fimilis Myrtifolia Arbor maderaspatanum by the English physician, writer and botanist Leonard Plukenet (1641-1706) published in his Phytographia in 1693 and his description in Almagestum Botanicum in 1696. The transfer from the Volkameria to Clerodendrum was made by the German botanist Joseph Gaertner (1732-1791) in his De Fructibus et Seminbus Plantarum in 1788. The German/Dutch botanist Georg Eberhard Rumpf (1627-1702) better known by his Latinised name Georgius Everhardus Rumphius also described and illustrated this species in his Herbarium Amboinense in 1747 as Jasminum litoreum.

Sydney Parkinson, the botanical artist employed by Banks on the Endeavour voyage, produced a partially completed watercolour and outline drawing in pencil with the colour reference notes:

The petala on the upper side white ting'd at the base wt crimson tube underside of the petala, stamina & stile purple Crimson calyx ting'd wt purple leaves vivid grass green & wt small hollow veins.

This outline drawing also contains the annotation Thirsty Sound by Sir Joseph Banks. This species was not however selected for publication by Banks in the proposed Plantae Novae Hollandiae and no finished watercolour or copperplate engraving was produced.

Etymology: The species epithet is derived from the Latin inernis for unarmed without spines, prickles or stings in reference to the unarmed nature of this species.

Common Name: Scrambling Clerodendrum; Mangrove Clerodendrum. Bailey (1901) reports the native name as Ta-anji for the Batavia River on Cape York Peninsular.

Description: A scandent shrub or vine to 6 metres or more high, often with a hollow stem to 8 cm diameter. Bark pale brown to whitish grey, shallowly fissured. Leaves simple, opposite, 40-100 mm long, 20-60 mm wide. Inflorescence usually 3-flowered but sometimes 7 or more flowered; peduncles slender, 15-40 mm long; pedicels puberulous 3-6 mm long; corolla white, sometimes with a touch of purple, tube slender, cylindrical, 20-35 mm long, 2-3 mm diameter at throat; stamens exerted. Fruit, green to brownish black, distinctly 4-lobed, 10-15 mm long, 7-13 mm diameter; fruiting calyx 7-12 mm diameter.

Distribution: India, Asia, Malesia, New Guinea and Pacific Islands & northern Australia; WA, NT & QLD from Torres Strait Islands south to Ballina in NSW along beach fronts, mangrove margins and littoral rainforests from near sea level to 20 metres altitude.

References

Bailey, F.M.: The Queensland Flora 4: 1182 (1901)

Bentham, G.: Flora Australiensis 5: 61 (1870)

Brown, R.: Prodromus Florae Novae Hollandiae 511 (1810)

Cooper, W & Cooper, W.T.: Fruits of the Australian Tropical Rainforest 234 (2004)

Diment, J.A., Humphries, C.J., Newington, L. & Shaughnessy, E.: Catalogue of the Natural History Drawings commissioned by Joseph Banks on the Endeavour Voyage 1768-1771: Part 1: Botany of Australia: Bulletin of the British Museum (Natural History). Historical Series 11: 136 (1984)

Gaertner, J.: De Fructibus et Seminbus Plantarum 1: 271; tab 57; Fig. 1 (1788).

Linnaeus, C.: Species Plantarum 2: 637 (1753)

Munir, A.A.: A taxonomic revision of the genus Clerodendrum L. (Verbenaceae)* in Australia: Journal of the Adelaide Botanic Gardens 11 (2): 109; Fig. 1 (1989)

Plukenet, L.: Phytographia: tab 211, fig. 4 (1692)

Plukenet, L.: Almagestum Botanicum: 287 (1696)

Rumphius, G.E.: Herbarium Amboinense 5: 86; Tab 46 (1747)

Eucalypt names - what do they mean?

I recently acquired an old CSIRO publication on "The Meaning of Eucalypt Names", co-authored by Corymbia intermedia - refs to the acids of the Norman Hall and Ian Brooker. It lists all of Australia's eucalypts (including those we now know those of Corymbia gummifera and Corymbia as Corymbia) recognised in 1979, and the meaning of their scientific name. Here's the meaning of the epithets from some common Cairns area Corymbias:

Corymbia clarksoniana - named after John Clarkson, Mareeba-based botanist.

Corymbia dallachiana - (not listed by Hall and

Brooker) named after John Dallachy (1808-1871), a prolific and wide-ranging plant collector.

leaf essential oils being intermediate between eximia.

Corymbia tessellaris - refers to the bark, which is tessellated (covered in small, equal-sized tiles).

Corymbia torelliana - named after Luigi Torelli (1810-1887), active in the Italian wars of Unification, and later a member of various scientific and social institutions.

CASSOWARYAWARD

Don Lawie, President Cairns Branch SGAP.



The WetTropics Management Authority has an annual award night at which citizens who have made outstanding cntributions to the Wet Tropics are recognised by the granting of a highly prestigious Cassowary Award. There are various categories of which one in particular relates to Cairns SGAP by reflected glory:

Category eight: Climate Change Leadership, "In recognition for exceptional leadership in climate change response, recipients of this award facilitate positive action in communicating climate issues and brokering local solutions. This category includes those who advocate for action, lead research, educate and inform the community on risks, and develop an implementation adaptation or mitigation strategies in the area".

This year's Section 8 Award went to Stuart Worboys and his collaborators. Stuart is a long-term member of Cairns SGAP, our botanical guru and producer of the best SGAP Newsletter ever. His knowledge is profound, his care for the environment is deep (I recall him wrestling with a weed *Leucaena* tree growing in the wrong place) and this award has been made to a truly deserving recipient. Congratulations from all your fellow SGAPpers, Stuart.

Flowering on the Russell River (photos by Patsy Penny)





Lumnitzera littorea

Pandanus





Lithomyrtus obtusa. Patsy reports many are badly affected by myrtle rust.

Lithomyrtus obtusa





Cynometra iripa

Cynometra iripa

Cooktown to McIvor River

Joint excursion with Tablelands and Innisfail Branch

Stuart Worboys

In early June, SGAP members from Innisfail, Tablelands and Cairns combined to visit one of north Queensland's most colourful localities. Peter Radke, of Tablelands Branch, had organised a four day tour from Cooktown, across to Elim Beach, then to the McIvor River and finally across to Lakefield National Park via the Battlecamp Road.

Using the beautifully situated Elim Beach campground as a base, we were able to venture into the Cape Bedford sand dunes, a vast area of rolling silica sand covered with heath and patches of low dry rainforest. We arrived at the start of the peak flowering, and were able to see many of the local beauties in full flower. Like heathlands to the south, the dunefields are rich in Fabaceae and Myrtaceae (although Proteaceae are not so diverse), with several locally endemic species such as *Labichea buetnneriana* and *Xanthostemon arenarius*. In a small swampy patch we found four *Drosera* and two *Utricularia* species, growing alongside the blue-flowered *Burmannia juncea*, a species not seen in the Cooktown region before. Sadly, we learned this area is being investigated for its potential as a source of pure silica sand. The Mitsubishi-owned mine at the nearby Cape Flattery dunefields is already exporting in excess of 2 million tonnes of silica each year, and it seems the Cape Bedford dunes, with their rare endemic species, sensitive groundwater systems and fragile sand-based ecosystems, are destined for the same fate.

The following day, we followed a well-formed road to the McIvor River. The road was bordered to the west by sandstone ridges, and lovely thickets of *Livistona muelleri* dominated the understorey in places. We came to a high ridge offering views of the country to the north. The ridge vegetation proved to support an unusual dry rainforest community, with tall *Araucaria cunninghamii* overshadowing *Xanthostemon arenarius, Styphelia, Acacia* and *Niemeyera antiloga.* The community was rich in weird and wonderful epiphytes, with three colour varieties of *Dendrobium rigidum*, the ant-symbiont *Dischdia major* (a close relative of *Hoya*), and an enormous, out of place *Platycerium hillii*.

After a lengthy drive through tropical woodlands we stopped just short the McIvor River ford. Before venturing down to the river, the convoy stopped to enjoy lunch. Not far from our stop, we discovered an enormous candy-striped flower that we suspect was *Hibiscus sankowskyorum*. After lunch, we ventured down to the ford, where the river was shallow enough to be crocodile free. The splendid tall gallery forest lining the river was dominated by a single multi-stemmed *Ficus virens*, with an assortment of canopy trees typical of these forests - *Castanospermum australe*, *Syzygium tierneyanum*, *Terminalia microcarpa*, *Alstonia scholaris* and *Nauclea orientalis*, with Alexandra palms scattered along the river banks. After exploring the river banks for a while, we returned to our Elim Beach campsite for a beatiful sunset followed by food, wine, fire and good company.

The next day was the final day for my driver and I - some of us still have to work for a living! We drove with the crew as far as Isabella Falls, where Isabella Creek tumbles over a broad sandstone ledge on its way to join the Endeavour River. Hidden amongst the undergrowth lining the creek is the southernmost occurrence of the unobtrusive shrub, *Polyscias zippelliana*. The creek is lined with *Melaleuca, Pandanus* and *Tristaniopsis*, but away from the creek transitions rapidly to woodlands on shallow soils over sandstone. The creek that provides a safe cool swimming opportunity in an otherwise dry hot landscape. After morning tea, the crew carried on their way to Lakefield National Park, whilst my driver and I started the long drive back to Cairns.





Cooktown Botanic Gardens curator, Tony Roberts, The ruined bridge across the McIvor River. gives us a guided tour of the gardens.



Elim Beach at low tide, with the flat-topped sandstone hill of Cape Bedford in the distance.



Dendrobium rigidum with yellow labellum



Dendrobium rigidum with red labellum



A botanical curiosity, *Dischidia major* grows roots into its hollow leaves, often occupied by ants



Magnificent old Hoop Pine (*Araucaria cunninghamii*), decked with epiphytes.

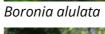


Livistona muelleri dominate the tropical woodland understorey in places.





Xanthostemon arenarius







Hibbertia banksii

Gossia sankowskyorum



Bramston Beach Master List

R.L. Jago

This list contains plants observed during visits by the Cairns Branch of the Society for Growing Australian Plants, Queensland Region to Bramston Beach over the past 40 years but many more vascular plant species remain to be recorded as the group has tended to visit the same locations year after year. Names used for family, genera and species are generally in accordance with the Census of the Queensland Flora 2020 by the Queensland Herbarium, Brisbane. Last updated 23 June 2021.

FERNS AND ALLIES

FAMILY	SPECIES	COMMON NAME
Aspleniaceae	Asplenium nidus	Birds Nest Fern
Blechnaceae	Blechnum orientale	

Cyatheaceae Alsophila rebeccae Black Tree Fern
Cyatheaceae Sphaeropteris cooperi Scaly Tree Fern

Lindsaea ensifolia subsp. ensifolia

Lycopodiaceae Phlegmariurus harmsii Common Tassel Fern

LygodiaceaeLygodium reticulatumNephrolepidaceaeNephrolepis biserrataNephrolepidaceaeNephrolepis cordifolia

Nephrolepidaceae Nephrolepis cordifolia Sword Fern

Nephrolepidaceae Nephrolepis hirsutula
Nephrolepidaceae Nephrolepis obliterata
Ophioglossaceae Ophioderma pendulum

OphioglossaceaeOphioderma pendulumRibbon FernPolypodiaceaeDrynaria rigidulaBasket Fern

Polypodiaceae Drynaria sparsisora
Polypodiaceae Platycerium hillii
Polypodiaceae Pyrrosia longifolia

Psilotaceae Psilotum nudum Skeleton Fork Fern
Pteridaceae Acrostichum speciosum Mangrove Fern
Pteridaceae Pityrogramma calomelanos var. calomelanos

Northern Elkhorn Fern

Schizaeaceae Schizaea dichotoma Branched Comb Fern

Thelypteridaceae Cyclosorus interruptus

CONIFERS

FAMILY	SPECIES	COMMON NAME
Podocarpaceae	Podocarpus grayae	Weeping Brown Pine
Zamiaceae	Bowenia spectabilis	Bowenia or Zamia

BASAL FLOWERING PLANTS

FAMILY	SPECIES	COMMON NAME
Annonaceae	* Annona glabra	Pond Apple
Annonaceae	Monoon patinatum	Wyvuri Beech
Annonaceae	Polyalthia nitidissima	Canary Beech
Annonaceae	Xylopia maccreae	Orange Jacket

^{*} Introduced naturalised exotic species not native to Australia.

FAMILY SPECIES COMMON NAME Beilschmiedia obtusifolia Blush Walnut; Hard Lauraceae Cassytha filiformis Lauraceae Dodder Laurel Lauraceae Cryptocarya cunninghamii Coconut Laurel Lauraceae Cinnamon Walnut Cryptocarya grandis Lauraceae Cryptocarya hypospodia Northern Laurel Lauraceae Cryptocarya mackinnoniana Rusty Laurel Lauraceae Cryptocarya vulgaris Northern Laurel Lauraceae Litsea bindoniana Big-leaf Bollywood

LauraceaeLitsea fawcettianaBollywoodMonimiaceaeWilkiea pubescensTetra Beech

Myristicaceae Myristica globosa

Piperaceae Piper caninum Native Pepper

Piperaceae Piper hederaceum var. hederaceum

Piperaceae Piper mestonii

MONOCOTS

FAMILY SPECIES COMMON NAME

Amaryllidaceae Crinum pedunculatum Swamp Lily

Araceae Epipremnum amplissimum

Araceae Epipremnum pinnatum cv. Aureum

Araceae * Philodendron hederaceum
Araceae * Philodendron lacerum
Araceae * Syngonium podophyllum

Arecaceae * Archontophoenix alexandrae Alexandra Palm

Arecaceae Coconut Cocos nucifera Water Palm Arecaceae Hydriastele wendlandiana Arecaceae Solitaire Palm Ptychosperma elegans Bromeliaceae Ananas comosus Pineapple Commelinaceae Commelina diffusa Wandering Jew Commelinaceae Commelina ensifolia Sailor's Purse; Scurvy

Commelinaceae * Tradescantia spathacea

Cyperaceae Cyperus aromaticus Navua Sedge

Cyperaceae Cyperus decompositus

Cyperaceae Cyperus gracilis Slender Sedge; Whisker

Pineapple Sedge

Cyperaceae * Cyperus javanicus
Cyperaceae * Cyperus pedunculatus

Cyperaceae * Cyperus sphacelatus
Cyperaceae * Fimbristylis dichotoma Common Fingerrush

Cyperaceae Fimbristylis littoralis
Cyperaceae Fuirena umbellata
Cyperaceae Hypolytrum nemorum
Cyperaceae * Lepironia articulata

CyperaceaeMachaerina articulataJointed TwigrushCyperaceaeRhynchospora corymbosaGolden Beak Rush

Cyperaceae Scleria mackaviensis
Cyperaceae Scleria polycarpa
Cyperaceae Scleria sphacelata

Cyperaceae Scleria terrestris

Flagellariaceae Flagellaria indica Supplejack

Heliconiaceae Heliconia psittacorum

Hemerocallidaceae Dianella caerulea var. vannata

Laxmanniaceae Cordyline cannifolia Native Cordyline; Midgenbil

Musaceae Musa x acuminata Banana

Orchidaceae Cymbidium madidum Giant Boat-lip Orchid
Orchidaceae Dendrobium canaliculatum Tea Tree Orchid
Orchidaceae Dendrobium discolor Golden Orchid
Orchidaceae Dendrobium smillieae Bottlebrush Orchid
Orchidaceae Dockrillia calamiformis Northern Pencil Orchid

Orchidaceae * Phaius australis

Orchidaceae Pinalia fitzalanii Common Fuzz Orchid

PandanaceaePandanus slomslaubachiiSwamp PandanPandanaceaePandanus tectoriusBeach Pandan; ScrewPhilydraceaePhilydrum lanuginosumYellow Frogmouth

Poaceae Centotheca lappacea
Poaceae * Chrysopogon aciculatus

Poaceae Cymbopogon refractus Barbed-wire Grass

Poaceae Cynodon dactylon

Poaceae Cyrtococcum oxyphyllum
Poaceae Dactyloctenium aegyptium

Poaceae Digitaria ciliaris
Poaceae Eleusine indica

Poaceae Elionurus citreus Lemon-scented Grass

Poaceae Entolasia stricta Wiry Panic

Poaceae Eragrostis interrupta
Poaceae Eragrostis unioloides

Poaceae Eriachne pallescens var. pallescens

Poaceae Ischaemum muticum

Poaceae Megathyrsus maximus var. coloratus
Poaceae Megathyrsus maximus var. maximus

Poaceae Melinis repens

Poaceae * Oplismenus compositus

Poaceae Oplismenus imbecillis Little Basket Grass

Poaceae * Oplismenus mollis

Poaceae Paspalidium gracile Slender Panic

Poaceae * Phragmites australis Common Reed Grass

Poaceae * Sporobolus jacquenmontii

Poaceae * Thuarea involuta Bird's Beak Grass

Poaceae Urochloa decumbens

Poaceae *Urochloa mutica* Para Grass

Smilaceae Smilax australis Sarsaparilla Vine Zingiberaceae * Alpinia caerulea Native Ginger

EUDICOTS

FAMILY		SPECIES	COMMON NAME
Acanthaceae		Avicennia marina subsp. eucalyptifolia	Grey Mangrove
Acanthaceae		Odontonema cuspidatum	Fire Spike
Amaranthaceae	*	Gomphrena celosioides	
Anacardiaceae		Buchanania arborescens	Satinwood; Jalarra
Anacardiaceae	*	Euroschinus falcatus var. falcatus	
Anacardiaceae		Mangifera indica	Mango
Anacardiaceae		Rhus taitensis	Sumac
Apiaceae		Centella asiatica	Pennywort
Apocynaceae	*	Alstonia muelleriana	Hard Milkwood
Apocynaceae		Alyxia spicata	Chain Fruit
Apocynaceae		Cerbera manghas	Dog Bane
Apocynaceae		Gymnanthera oblonga	Harpoon Bud
Apocynaceae		Hoya australis subsp. tenuipes	
Apocynaceae		Tabernaemontana orientalis	Eastern Gondola Bush
Apocynaceae		Tabernaemontana pandacaqui	Banana Bush
Araliaceae		Heptapleurum actinophyllum	Umbrella Tree
Araliaceae		Polyscias australiana	Ivory Basswood
Asteraceae		Ageratum conyzoides	
Asteraceae		Bidens pilosa	
Asteraceae		Coronidium rupicola	
Asteraceae		Cyanthillium cinereum var. cinereum	
Asteraceae		Eclipta prostrata	
Asteraceae		Emilia sonchifolia	
Asteraceae		Gamochaeta pensylvanica	
Asteraceae	*	Gynura drymophila var. drymophila	
Asteraceae	*	Praxelis clematidea	
Asteraceae		Sphaeromorphaea australis	Epaltes
Asteraceae	*	Sphaeromorphaea subintegra	
Asteraceae	*	Sphagneticola trilobata	Singapore Daisy
Asteraceae	*	Synedrella nodiflora	
Asteraceae	*	Tridax procumbens	Tridax Daisy
Asteraceae		Wollastonia uniflora	Beach Sunflower
Bignoniaceae	*	Deplanchea tetraphylla	Golden Bouquet Tree
Bignoniaceae	*	Tecoma stans	
Burseraceae		Canarium australianum var. australianum	
Burseraceae	*	Canarium vitiense	Canarium
Caesalpiniaceae	*	Senna obtusifolia	Sicklepod
Capparaceae	*	Capparis lucida	Coastal Caper
Caryophyllaceae		Drymaria cordata subsp. cordata	
Casuarinaceae		Casuarina equisetifolia subsp. equisetifolia	
Celastraceae		Salacia chinensis	Lolly Berry
Celastraceae		Salacia disepala	•
Clusiaceae		Calophyllum inophyllum	Beach Calophyllum
Clusiaceae		Calophyllum sil	Blush Touriga
Clusiaceae		Garcinia warrenii	Native Mangosteen
			-

Clusiaceae * Harungana madagascariensis

CombretaceaeTerminalia arenicolaBrown DamsonCombretaceaeTerminalia catappaSea AlmondCombretaceaeTerminalia muelleriLittle Sea Almond

Connaraceae Connarus conchocarpus Shell Vine

Convolvulaceae * Decalobanthus peltatus Cook's Glory Vine

Convolvulaceae Erycibe coccinea

Convolvulaceae Evolvulus alsinoides var. decumbens
Convolvulaceae Ipomoea pes-caprae subsp. brasiliensis

Corynocarpaceae Corynocarpus cribbianus Cribbwood
Cunoniaceae Davidsonia pruriens Davidson's Plum
Cunoniaceae Pullea stutzeri Hard Alder
Dilleniaceae Dillenia alata Red Beech

Euphorbiaceae Acalypha wilkesiana

Euphorbiaceae Endospermum myrmecophilum Toywood

Euphorbiaceae Euphorbia hirta
Euphorbiaceae Euphorbia pallens

EuphorbiaceaeExcoecaria agallochaMilky MangroveEuphorbiaceaeMacaranga tanariusBlush MacarangaEuphorbiaceaeMallotus paniculatusTurn-in-the-wind

Euphorbiaceae Mallotus polyadenos Kamala

Euphorbiaceae Manihot esculenta

FabaceaeAcacia celsaBlack WattleFabaceaeAcacia crassicarpaBrown WattleFabaceaeAcacia flavescensRed WattleFabaceaeAcacia mangiumSally Wattle

Fabaceae Adenanthera pavonina False Red Sandalwood

Fabaceae Alysicarpus vaginalis

Fabaceae Canavalia rosea Sea Bean; Coastal

Fabaceae Crotalaria pallida var. obovata

FabaceaeDalbergia candenatensisDalbergiaFabaceaeDerris trifoliataCoastal DerrisFabaceaeIndigofera hirsutaHairy IndigoFabaceaeMacroptilium atropurpureumSiratro

Fabaceae Mimosa pudica var. unijuga
Fabaceae Pongamia pinnata var. minor
Fabaceae * Pongamia pinnata var. pinnata
Fabaceae Sophora tomentosa subsp. australis

Fabaceae * Vandasina retusa

Fabaceae Vigna marina Dune Bean

Fabaceae Zornia dyctiocarpa var. dyctiocarpa

Fabaceae Zornia maritima

Goodeniaceae Scaevola taccada Cardwell Cabbage
Lamiaceae Clerodendrum inerme Sorcerers Flower's

Lamiaceae * Clerodendrum longiflorum var. glabrum

Lamiaceae Clerodendrum paniculatum

Lamiaceae * Faradaya splendida October Glory

Lamiaceae Hyptis capitata

Lamiaceae* Premna serratifoliaCoastal PremnaLamiaceaeVitex rotundifoliaCreeping VitexLecythidaceaeBarringtonia calyptrataCassowary PineLecythidaceaeBarringtonia racemosaMango Pine

Linderniaceae * Bonnaya antipoda

Linderniaceae Torenia crustacea Lindernia Snakewood Loganiaceae Strychnos minor Mistletoe Loranthaceae Amyema glabra Loranthaceae Amylotheca dicyophleba Mistletoe Loranthaceae Dendrophtoe curvata Mistletoe Malvaceae Hibiscus tiliaceus Cottonwood

Malvaceae Sida cordifolia
Malvaceae Sida rhombifolia
Malvaceae Triumfetta repens
Malvaceae Triumfetta rhomboidea

Melastomataceae Melastoma cyanoides Bush Strawberries

Melastoma malabathricum var.

Melastomataceae malabathricum

Melastomataceae * Tristemma mauritianum

Meliaceae Dysoxylum arborescens Mossman Mahogany

Meliaceae * Vavaea amicorum Vavaea

Meliaceae Xylocarpus granatum Cannonball Mangrove

Menispermaceae Stephania japonica var. timorensis

MenispermaceaeTinospora smilacinaSnake VineMoraceaeFicus benjaminaWeeping FigMoraceaeFicus destruensRusty-leaf FigMoraceaeFicus drupaceaRed Fig

Moraceae Ficus microcarpa Small-fruited Fig

Moraceae Ficus virens

Myrtaceae Backhousia bancroftii Johnstone River Hardwood;

MyrtaceaeBackhousia hugesiiStonewoodMyrtaceaeCorymbia intermediaPink BloodwoodMyrtaceaeCorymbia tessellarisMoreton Bay Ash;

Myrtaceae Decaspermum humile

MyrtaceaeLithomyrtus obtusaBeach MyrtleMyrtaceaeLophostemon suaveolensSwamp Mahogany

Myrtaceae Melaleuca leucadendra Tea Tree

Myrtaceae Melaleuca viridiflora var. attenuata

Myrtaceae Psidium guineense

Myrtaceae * Rhodomyrtus trineura

* Sygnajum alliilignum

Myrtaceae* Syzygium alliilignumOnionwoodMyrtaceaeSyzygium angophoroidesYarrabah SatianashMyrtaceaeSyzygium cormiflorumBumpy Satinash

Myrtaceae Syzygium divaricatum Cassowary Satinash

Myrtaceae * Syzygium forte

Myrtaceae Syzygium graveolens Cassowary Satinash

Myrtaceae Syzygium hemilamprum

Myrtaceae Tristaniopsis exiliflora Kanuka Box
Nepenthaceae Nepenthes mirabilis Tropical Pitcher
Olacaceae Ximenia americana Yellow Plum
Oleaceae Chionanthus ramiflora Native Olive

Oleaceae Jasminum didymum subsp. didymum

Onagraceae Ludwigia hyssopifolia Yellow Willow Herb
Onagraceae Ludwigia octovalvis Willow Primrose
Passifloraceae Passiflora edulis Passionfruit

Passifloraceae Passiflora foetida

Phyllanthaceae Glochidion harveyanum var. harveyanum

Phyllanthaceae Glochidion sumatranum Buttonwood
Pittosporaceae * Bursaria tenuifolia Sweet Blackthorn
Pittosporaceae Pittosporum tinifolium Rusty Pittosporum

Polygalaceae Polygala paniculata
Portulacaceae Portulaca pilosa

Proteaceae Darlingia darlingiana Brown Silky Oak Proteaceae Grevillea baileyana Findlay's Silky Oak Proteaceae Lasjia whelanii Whelan's Silky Oak Proteaceae Musgravea heterophylla Briar Silky Oak Proteaceae Opisthiolepis heterophylla Blush Silky Oak Putranjivaceae Drypetes deplanchei Grey Boxwood Rhamnaceae Alphitonia excelsa Red Ash

Rhamnaceae Alphitonia oblata Hairy Sarsaparilla

Rhamnaceae Alphitonia petrici Pink Ash
Rhamnaceae Colubrina asiatica Serpent Vine

Rhamnaceae Emmenosperma cunninghamii Cunningham's Bonewood

Rhamnaceae Sageretia hamosa
Rhamnaceae Ventilago ecorollata

Rhizophoraceae Bruguiera gymnorhiza Large-fruited Orange Mangrove

Rhizophoraceae Carallia brachiata Corky Bark

Rosaceae Rubus alceifolius
Rubiaceae * Aidia cowleyi

Rubiaceae Atractocarpus fitzalanii subsp. fitzalanii

Rubiaceae Cyclophyllum multiflorum

Rubiaceae Mitracarpus hirtus

Rubiaceae Morinda citrifolia Rotten Cheesefruit

Rubiaceae Myrmecodia beccarii Ant Plant

Rubiaceae Oldenlandia corymbosa var. corymbosa

Rubiaceae Psychotria coelospermum
Rubiaceae Richardia brasiliensis
Rubiaceae Spermacoce latifolia
Rubiaceae Stermacoce mayrinata

Rubiaceae Spermacoce marginata Beach Buttonweed

Rubiaceae Spermacoce ocymifolia
Rubiaceae Spermacoce verticillata
Rubiaceae Timonius timon

Sapindaceae Cardiospermum halicacabum

Sapindaceae Diploglottis harpullioides
Sapindaceae Dodonaea polyandra

Sapindaceae Ganophyllum falcatum Daintree Hickory
Sapindaceae Guioa acutifolia Glossy Tamarind
Sapindaceae Mischocarpus exangulatus Rex Tokoonja
Sapotaceae * Palaquium galactoxylum Cairns Pencil Cedar

Sapotaceae * Planchonella chartacea Dugulla

Sapotaceae Planchonella obovata Yellow Boxwood Sapotaceae Pleioluma xerocarpa Blush Coondoo

Verbenaceae * Lantana camara Lantana

Verbenaceae Stachytarpheta cayennensis Viscaceae Notothixos leiophyllus

Vitaceae Causonis japonica Bushkiller
Vitaceae Cissus penninervis Native Grape

Dilleniaceae * Hibbertia scandens

Cooktown to McIvor River Species List

Compiled by SGAP North Qld Branches

FERNS AND ALLIES

FAMILY	SPECIES	COMMON NAME

Lindsaeaceae Lindsaea Day1

PolypodiaceaeDrynaria quercifoliaDay2PolypodiaceaePlatycerium hillliiElkhorn FernDay2PolypodiaceaePyrrosia longifoliaFelt FernDay2

CONIFERS

FAMILY SPECIES COMMON NAME

Araucariaceae Araucaria cunninghamii Hoop Pine Day2

BASAL FLOWERING PLANTS

FAMILY SPECIES COMMON NAME

LauraceaeCassytha filiformisDodder LaurelDay1Day2LauraceaeCryptocarya hypospodiaNorthern LaurelDay2

Cryptocarya triplinervis var.

LauraceaeripariaBrown LaurelDay2LauraceaeLitsea breviumbellataDay2

MONOCOTS

FAMILY SPECIES COMMON NAME

Archonthophoenix

Arecaceae alexandrae Alexandra palm Day2

^{*} Introduced naturalised exotic species not native to Australia.

FAMILY	SPECIES	COMMON NAME			
Arecaceae	Livisona muelleri			Day2	
Asparagaceae	Lomandra banksii		Day1	Day2	
Burmanniaceae	Burmannia juncea		Day1	·	
Cyperaceae	Gahnia sieberiana	Saw sedge	Day1		
Cyperaceae	Rhynchospora		Day1		
Cyperaceae	Schoenus sparteus		Day1		
Dioscoreaceae	Dioscorea transversa	Yam	Day1		
Flagellariaceae	Flagellaria indica	Supplejack		Day2	
Hemerocallidaceae	Dianella	/		Day2	
Orchidaceae	? Arthrochilus		Day1		
Orchidaceae	Dendrobium bigibbum	Cooktown Orchid	Day1	Day2	
Orchidaceae	Dendrobium discolor	Golden Orchid	Day1		
Orchidaceae	Dendrobium rigidum	Smooth Tongue Orchid	Day1	Day2	
Pandanaceae	Pandanus	Screw Palm	Day1		Day3
Philydraceae	Philydrum lanuginosum	Frogmouth	Day1		
Poaceae	* Andropogon gayanus	Gamba Grass			Day3
Poaceae	Ectrosia leporina		Day1		
Poaceae	Heteropogon triticeus			Day2	
Poaceae	Mnesithea rottboelioides			Day2	
Poaceae	* Themeda quadrivalvis	Grader Grass	Day1	Day2	
Restionaceae	? Dapsilanthus ramosus		Day1		
Xanthorrhoeaceae	Xanthorrhoea johnsonii	Grass tree	Day1		
Xyridaceae	Xyris		Day1		
EUDICOTS					
FAMILY	SPECIES	COMMON NAME			
Acanthaceae	Rostellularia adscendens			Day2	
Anacardiaceae	Buchanania arborescens	Jam Jam		Day2	
Anacardiaceae	* Mangifera indica			Day2	
Apiaceae	Mackinlaya confusa			·	Day3
Apocynaceae	Alstonia scholaris			Day2	•
Apocynaceae	Alyxia spicata			Day2	
Apocynaceae	Dischidia major	Rattleskulls		Day2	
Apocynaceae	Dischidia nummularia	Button Orchid	Day1	•	
Apocynaceae	Hoya australis	Hoya	Day1	Day2	
Araliaceae	Polyscias zippeliana	·	·	•	Day3
Bignoniaceae	Deplanchea tetraphylla	Golden Bouquet	Day1		•
Burseraceae	Canarium australianum	Scrub Turpentine		Day2	
Cannabaceae	Trema orientalis	•		Day2	
Chrysobalanaceae	Parinari nonda	Nonda Plum		•	Day3
Combretaceae	Terminalia microcarpa	Damson		Day2	
Convolvulaceae	Ipomoea hederifolia			Day2	
	Portocci iscolor if otter			•	
Dilleniaceae	Hibbertia banksii		Day1		
Dilleniaceae Droseraceae	2	Sundew	Day1 Day1		
	Hibbertia banksii	Sundew Climbing sundew	•		
Droseraceae	Hibbertia banksii Drosera burmannii		Day1		
Droseraceae Droseraceae	Hibbertia banksii Drosera burmannii Drosera peltata	Climbing sundew	Day1 Day1		

FAMILY	SPECIES	COMMON NAME			
Ebenaceae	Diospyros maritima			Day2	
Ericaceae	Styphelia		Day1	Day2	
Euphorbiaceae	Claoxylon hillii		,	Day2	
Euphorbiaceae	Macaranga tanarius			Day2	
Euphorbiaceae	Mallotus ficifolius			,	
Euphorbiaceae	Mallotus philippensis	Red Kamala		Day2	
Fabaceae	Acacia ?calyculata		Day1	Day2	
Fabaceae	Acacia crassicarpa		Day1	,	
Fabaceae	Acacia legnota		Day1		
Fabaceae	Acacia pubirhachis		Day1		
Fabaceae	Acacia racospermoides		Day1		Day3
Fabaceae	* Bauhinia monandra		,	Day2	,
Fabaceae	Bossiaea arenicola		Day1	,	
Fabaceae	* Calopogonium mucunoides	Calopo	Day1	Day2	
Fabaceae	Castanospermum australe	Black Bean	,	Day2	
Fabaceae	Jacksonia thesioides		Day1	Day2	
Fabaceae	Labichea buettneriana		Day1	·	
Fabaceae	* Mimosa pudica	Sensitive Weed	•	Day2	
Fabaceae	* Senna occidentalis	Sicklepod		Day2	
Fabaceae	Sesbania cannabina	•	Day1		
Fabaceae	* Stylosanthes?hamata	Stylo	Day1		
Fabaceae	Vandasina retusa		Day1		
Lamiaceae	* Hyptis capitata	Knobweed		Day2	
Lentibulariaceae	Utricularia caerulea	Bladderwort	Day1		
Lentibulariaceae	Utricularia nivea	Bladderwort	Day1		
Malvaceae	Hibiscus sankowskyorum			Day2	
Malvaceae	* Sida acuta			Day2	
Malvaceae	* Triumfetta rhomboidea	Chinese Burr		Day2	
Malvaceae	* Urena lobata	Urena Burr	Day1	Day2	
	Melastoma				
Melastomataceae	malarbathricum	Melastoma	Day1		
	Dysoxylum				
Meliaceae	gaudichaudianum	Ivory Mahogany		Day2	
Moraceae	Ficus hispida	Hairy Fig		Day2	
Moraceae	Ficus opposita	Sandpaper Fig		Day2	
Moraceae	Ficus racemosa	Cluster Fig		Day2	
Moraceae	Ficus virens	Banyan Fig		Day2	
Myrtaceae	Asteromyrtus lysicephala		Day1		
Myrtaceae	Eucalyptus phoenicia		Day1		
Myrtaceae	Eugenia reinwardtiana	Cedar Bay Cherry		Day2	
	Leptospermum				
Myrtaceae	polygalifolium		Day1		
Myrtaceae	Lithomyrtus obtusa			Day2	
Myrtaceae	Lophostemon suaveolens	Swamp Box	Day1		
Myrtaceae	Melaleuca arcana		Day1		
Myrtaceae	Melaleuca dealbata	Cloudy Tea Tree	Day1	_	
Myrtaceae	Melaleuca leucadendra	Weeping Paperbark	Day1	Day2	

FAMILY	SPECIES	COMMON NAME			
Myrtaceae	Melaleuca polandii		Day1		
Myrtaceae	Melaleuca viridiflora		Day1		
Myrtaceae	Neofabricia myrtifolia		Day1		
Myrtaceae	Syzygium banksii		,	Day2	
Myrtaceae	Syzygium suborbiculare	Lady Apple		Day2	
Myrtaceae	Syzygium tierneyanum	River Cherry		Day2	
Myrtaceae	Thryptomene oligandra	•	Day1	Day2	
Myrtaceae	Tristaniopsis exiliflora	Watergum	·	·	Day3
Myrtaceae	Xanthostemon arenarius	-		Day2	
Myrtaceae	Xanthostemon crenulatus		Day1	Day2	
Nyctaginaceae	Pisonia aculeata			Day2	
Nyctaginaceae	Pisonia umbellifera			Day2	
Phyllanthaceae	Breynia stipitata			Day2	
Phyllanthaceae	Cleistanthus semiopacus			Day2	
Phyllanthaceae	Glochidion philippicum			Day2	
Phyllanthaceae	Phyllanthus ?virgatus		Day1		
Picrodendraceae	Neoroepera banksii		Day1		
Polygonaceae	Muehlenbeckia zippelii			Day2	
Primulaceae	Myrsine urceolatus		Day1	Day2	
Proteaceae	Banksia dentata	Tropical Banksia	Day1		
Proteaceae	Banksia robur		Day1		
Proteaceae	Grevillea pteridifolia	Fern-leaf Grevillea	Day1		
Proteaceae	Persoonia falcata		Day1		
Putranjivaceae	Drypetes deplanchei	Yellow Tulipwood		Day2	
Rhizophoraceae	Carallia brachiata	Carallia		Day2	
Rhizophoraceae	Rhizophora		Day1		
Rubiaceae	Larsenaikia ochreata			Day2	
Rubiaceae	Myrmecodia beccarii	Ant Plant	Day1		
Rubiaceae	Nauclea orientalis	Leichhardt Tree		Day2	
Rutaceae	Boronia alulata		Day1		
Rutaceae	Eriostemon banksii			Day2	
Santalaceae	Santalum lanceolatum	Sandalwood		Day2	
Sapindaceae	Dodonaea polyandra		Day1		Day3
	A morphosper mum				
Sapotaceae	antilogum	Milky Plum		Day2	
Solanaceae	* Solanum seaforthianum			Day2	
Solanaceae	* Solanum torvum			Day2	
Stylidiaceae	Stylidium tenerum				Day3
Urticaceae	Pipturus argenteus			Day2	
Verbenaceae	* Stachytarpheta jamaicensis	Snakeweed	Day1		
Violaceae	Pigea enneaspermus	Purple Spade Flower		Day2	
Vitaceae	Cissus reniformis			Day2	
Vitaceae	Leea novoguineense	Bandicoot Berry		Day2	

What's Happening...

Cairns

Meetings and excursion on the 3rd Sunday of the month, usually at 12 noon.

Sunday 18 July. Lake Placid. Meet 12 noon at the western end of Lake Placid Road, Kamerunga. This is the entrance to Lake Placid Recreation Reserve, and there are short paths along the Barron River, tables and toilets. If anyone is tempted, Alessandro's Pizzeria will be open for lunch.

Contact: Matt McIntosh (Secretary) secretary@sgapcairns.org.au

Tablelands

Meetings on the 4th Wednesday of each month at 7:30 pm, Tolga CWA Hall. Excursions the following Sunday.

Excursion officer: Peter Radke, 0418 719 748.

Townsville

Sunday 18 July. Excursion to An derson Gardens. Meet at 09:00 at the Conservatory.

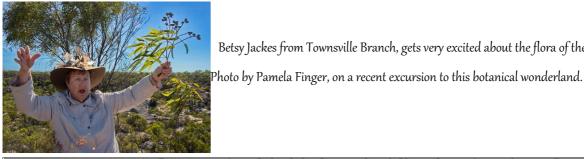
Wednesday 21 July (note change of date). Meeting of Native Plants Queensland -Townsville Branch at Oonoonba Community Hall (Shannon Street Oonoonba).

We will start at 18:30 with a small buffet. Come early if you can and please bring a small plate of food to share. Presentation starting 19:30 "Conserving the climate-threatened flora of Queensland's highest peaks." by Stuart Worboys from the Australian Tropical Herbarium in Cairns.

Contact: John Elliott (Secretary) jw-elliott@aapt.net.au

Website:

http://www.npgtownsville.org.au/



Betsy Jackes from Townsville Branch, gets very excited about the flora of the White Mountains.

SGAP Cairns Branch 2021-2022 Committee

President: Don Lawie Vice-President: Patsy Penny

Secretary: Matt McIntosh (secretary@sgapcairns.org.au)

Treasurer: Val Carnie Webmaster: Tony Roberts

Newsletter Editor: Stuart Worboys (worboys1968@yahoo.com.au