



SGAP Cairns Newsletter

August 2018 Number 182

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Excursion Report - July 2018

Rick Wong

Introduction

Rick Wong has captured some beautiful images of the people, plants and places seen during SGAP's Cooktown excursion, 14-15 July 2018. The full album can be seen here:

www.flickr.com/photos/147494498@N08/albums/72157693662356480



The crew at ever-windy Archer Point. Back row: Trudi Roberts, Tony Roberts, Tina Morton. Front row: Rob Jago, Graham Carnie, Val Carnie, Bianca Jago, Sharren Wong.

Society for Growing Australian Plants, Inc.
Cairns Branch.

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2018-2019 COMMITTEE

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Acacia humifusa



Nymphaea at the lagoon on Shay's Road.



Sharren, Coralie, Graham and Val, trying to capture the perfect image.



Melaleuca monantha, an unusual paperbark native to far north Queensland. The tiny diamond-shaped leaves form delicate patterns, with each leaf fitting into a shallow, regularly spaced hole in the stem.

North Queensland Naturalist

The North Queensland Naturalist continues to publish excellent and interesting articles about the wildlife of North Queensland. The articles are all peer-reviewed reports on scientific research undertaken in this part of the world. This month, Matt Bradford, of CSIRO Atherton, reports on the influence of fire on rose gum (*Eucalyptus grandis*) dominated communities. He observes that rose gums will not grow under rainforest, and recommends "*regardless of the fire regimes that shaped these communities, ... they [should] be burned at a 3-5 year frequency. To ensure this occurs an emphasis should be placed on opportunistic prescribed burning at any intensity and in either early or late dry season.*"

Other articles report:

- the first Cairns record of water mouse (*Xeromys myoides*), found in mangroves along the Jack Barnes Boardwalk, near Cairns Airport. This is the first record between Airlie Beach and the Northern Territory of this cute little mangrove rodent;
- observations of Crimson Finches, normally seed-eaters, feeding on bloodwood nectar; and
- the natural heritage values of the Camooweal caves.

Browse all of the NQ Naturalist publications at their website: <https://www.nqnat.org/>

Plant Identification Resources

Keybase

If you're looking to identify a problematic plant, keybase is a good place to start. Keybase is an online compilation of botanical keys, initiated by Kevin Thiele (formerly of Perth Herbarium), and now hosted by the Royal Melbourne Botanic Gardens.

The resource is constantly expanding, and now contains thousands of keys of the kind previously only available in obscure technical journals. It includes keys for plants in California, Somalia and Sri Lanka, as well as Australia and all states and territories. Some keys, including many for Queensland, have been produced specifically for keybase, and won't be found anywhere else.

Explore keybase online at:
keybase.rbq.vic.gov.au/



**Native Plants
Queensland**

Spring Wildflower Show and Native Plants Market

The NPQ annual spring wildflower show will be held at Mt Coot-Tha Botanic Gardens in Brisbane on 15-16 September 2018.

This year's focus is on selecting native plants for particular soil types, and the south-east branches have come up with some novel ways to catch the attention of the public and draw attention to choosing plants wisely.

The other focus is on Myrtle Rust and the Show provides the opportunity to educate the public about the significant impact on our natural environments Australia wide, and particularly on the use of Myrtaceae plants in garden landscape.

For more information, visit:
npq.org.au/whats-on/native-plants-markets



Native Plants Queensland - Biennial Yabba

The biennial 'Yabba', organised by Native Plants Queensland, is an informal conference that provides the opportunity for all Queensland members to gather together and explore specific regional areas of the state.

Warwick 2018

This year members in Warwick are hosting on 21-23 September. The weekend will involve the Bill Tulloch Memorial Lecture, structured discussions, plenty of socialising with native plant enthusiasts, visits to local gardens, and tours to see the native flora of the south-east's granite belt. There is still time to book your attendance: registration closes 10 September. NPQ Warwick have suggested that you book accommodation immediately as this period coincides with Toowoomba's Carnival of Flowers so it is a busy time.

I understand that Pauline and Don Lawie will be attending, and possibly another member from Cairns Branch.

More information and a registration form can be found on the NPQ website: npq.org.au/whats-on/gatherings-events

Cairns 2020

It seems that Cairns has been suggested as the location for the 2020 Yabba. NPQ has nominated a weekend in late May or early June 2020 (good weather, but not yet fully dried out). At this stage details are not set in concrete, but things for the far north Queensland branches to discuss include:

- Cairns branch acting as the main host, with involvement from Innisfail and Tablelands branch, perhaps as excursion hosts.
- the Yabba would extend to a 3-4 night stay, as one of the excursion days would include the Daintree rainforest.
- Duties of the branches might include:
 - investigate accommodation options (Cairns branch)
 - investigate conference centre and conference dinner options (Cairns branch)
 - organise tour destination (such as members gardens and local botanical hotspots), provide expert guides (Tablelands, Innisfail and Cairns branches)
 - investigate transport and lunch catering options for tours (Cairns branch)

NPQ advise that "all the work you will have to do, in the first instance, is obtain quotes and forward them to Region with your recommendations, and we will book and pay for it. There should be no outlay of expenses for your Branch." NPQ require response prior to the Warwick Yabba.

August Excursion - Brooklyn Station

Stuart Worboys

Organisation is almost complete for our planned Brooklyn Station visit, scheduled for the weekend of 17-19 August. I will be submitting paperwork to Australian Wildlife Conservancy tomorrow (5 August), and we should be good to go.

I've spoken to Andrew Francis, sanctuary manager, regarding our visit. He is OK with the visit, but would like us to minimise the number of cars traversing the newly graded road. Ironically, Andrew will be at Port Douglas with his family on the weekend of our visit. I've also spoken to the Australian Wildlife Conservancy's chief ecologist, John Kanowski (who is ex-Atherton CSIRO).

Timing.

Please meet at the Mt Carbine Roadhouse at 4 pm on Friday 17 August. Mt Carbine is roughly 130 km north of Smithfield. Allow 1 1/2 - 2 hours travel time. The roadhouse is on the right hand side of the road, just across the road from the pub.

Access

Turn left down Pump Road, just north of the Mt Carbine pub, and follow the road down past the rodeo grounds. The entrance gate is clearly marked with "Australian Wildlife Conservancy" signage. The access road to the Mitchell River has recently been graded. It should be just accessible for 2WD, and OK for 4WD. There are a couple of rocky creek crossings to consider.

I've added a map on the last page of the newsletter. Campsites will be near the Mitchell River, but their precise location hasn't been sorted.

Campsite

We will be bush camping by the Mitchell River, apparently the same place as last time. I assume there are no toilets or showers. We will need to be extra careful with our campfires!

Activities

Walking along the Mitchell River and along the lower slopes of Mt Alto. Compiling a species list. Sitting by the campfire sipping wine.

Contacts

If there are any queries, please contact me by email: worboys1968@yahoo.com.au

Mt Carbine/Mitchell River valley species list

The species list on the following pages is a direct download of records from the Atlas of Living Australia. The list hasn't been cleaned, so there will be a few incorrect listings. The list includes many records by Australian Wildlife Conservancy botanists, Jeanette Kemp and Rigel Jensen.

Ferns and allies

Blechnaceae	Blechnum patersonii
Cyatheaceae	Cyathea robertsiana
Dennstaedtiaceae	Oenotrichia tripinnata
Dryopteridaceae	Lastreopsis rufescens
Hymenophyllaceae	Abrodictyum obscurum
Lomariopsidaceae	Nephrolepis cordifolia
Lygodiaceae	Lygodium microphyllum
Polypodiaceae	Crypsinus simplicissimus
Pteridaceae	Adiantum philippense
	Cheilanthes brownii
	Paraceterach muelleri
	Pteris tripartita
Thelypteridaceae	Christella dentata

Basal flowering plants

Aristolochiaceae	Aristolochia holtzei
	Aristolochia pubera
Lauraceae	Litsea glutinosa
Nymphaeaceae	Nymphaea violacea

Monocots

Amaryllidaceae	Crinum pedunculatum
Araceae	Typhonium alismifolium
	Typhonium angustilobum
Asparagaceae	Asparagus racemosus
	Chlorophytum laxum
Centrolepidaceae	Centrolepis exserta
Cyperaceae	Bulbostylis barbata
	Cyperus aquatilis
	Cyperus betchei
	Cyperus brevifolius
	Cyperus cristulatus
	Cyperus decompositus
	Cyperus difformis
	Cyperus distans
	Cyperus fulvus
	Cyperus gracilis
	Cyperus haspan
	Cyperus macrostachyos
	Cyperus nervulosus
	Cyperus procerus
	Cyperus pulchellus
	Cyperus scaber
	Cyperus squarrosus

Cyperus trinervis
Cyperus victoriensis
Fimbristylis acicularis
Fimbristylis bisumbellata
Fimbristylis dichotoma
Fimbristylis furva
Fimbristylis microcarya
Fimbristylis tetragona
Fuirena nudiflora
Schoenoplectiella laevis
Scleria brownii

Eriocaulon nanum

Dianella nervosa
Tricoryne anceps

Blyxa octandra

Dendrobium canaliculatum
Diuris luteola
Thelychiton jonesii
Thelymitra queenslandica

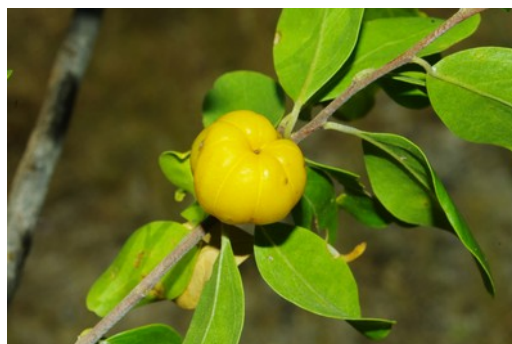
Alloteropsis cimicina
Aristida biglandulosa

Aristida calycina
Aristida holathera
Aristida hygrometrica
Aristida ingrata
Aristida perniciososa
Aristida sciuroides
Aristida warburgii
Bothriochloa pertusa
Chloris barbata
Chloris lobata
Chloris pumilio
Dactyloctenium aegyptium
Dichanthium fecundum
Digitaria ciliaris
Ectrosia agrostoides
Ectrosia gulliveri
Ectrosia nervilemma
Elionurus citreus
Elytrophorus spicatus
Enneapogon virens
Eragrostis brownii
Eragrostis cumingii
Eragrostis elongata
Eragrostis leptostachya
Eragrostis schultzei
Eriachne armittii
Heterachne abortiva
Heterachne gulliveri
Ischaemum rugosum

	Oryza australiensis	Balanopaceae	Balanops australiana
	Panicum decompositum	Bignoniaceae	Dolichandrone heterophylla
	Panicum trichoides		Pandorea pandorana
	Paspalidium distans	Bixaceae	Cochlospermum gillivraei
	Paspalidium rarum		Cochlospermum gregorii
	Pseudopogonatherum contortum	Boraginaceae	Heliotropium indicum
	Schizachyrium fragile		Heliotropium peninsulare
	Schizachyrium pseudeulalia	Burseraceae	Canarium australianum
	Setaria australiensis	Byblidaceae	Byblis liniflora
	Setaria surgens	Cactaceae	Opuntia tomentosa
	Sporobolus actinocladus	Campanulaceae	Isotoma petraea
	Sporobolus australasicus		Lobelia leucotos
	Sporobolus pyramidalis		Wahlenbergia caryophylloides
	Themeda arguens	Capparaceae	Capparis umbonata
	Tripogon loliiformis	Caryophyllaceae	Polycarpaea spirostylis
	Urochloa polyphylla	Celastraceae	Denhamia oleaster
	Urochloa pubigera	Combretaceae	Terminalia aridicola
	Urochloa subquadripara		Terminalia microcarpa
Stemonaceae	Stemona lucida		Terminalia muelleri
Xyridaceae	Xyris pauciflora		Terminalia platyphylla
	Eudicots		Terminalia platyptera
Acanthaceae	Brunoniella acaulis		Terminalia subacroptera
	Pseuderanthemum variabile	Commelinaceae	Aneilema siliculosum
	Rostellularia adscendens		Cartonema spicatum
Amaranthaceae	Alternanthera denticulata		Commelina ensifolia
	Alternanthera nana		Cyanotis axillaris
	Alternanthera pungens		Murdannia graminea
	Amaranthus interruptus	Convolvulaceae	Ipomoea graminea
	Gomphrena celosioides		Ipomoea polymorpha
	Gomphrena lanata		Polymeria ambigua
	Gomphrena leptophylla	Corynocarpaceae	Corynocarpus cribbianus
	Ptilotus fusiformis	Cucurbitaceae	Cucumis queenslandicus
	Ptilotus macrocephalus		Neoalsomitra capricornica
Apocynaceae	Carissa spinarum		Trichosanthes pilosa
	Cryptostegia grandiflora	Droseraceae	Drosera burmanni
	Marsdenia cymulosa		Drosera finlaysoniana
	Marsdenia geminata	Ebenaceae	Diospyros hemicycloides
	Marsdenia viridiflora		Diospyros humilis
	Melodinus acutiflorus	Elaeocarpaceae	Elaeocarpus elliffii
	Tylophora benthamii	Euphorbiaceae	Baloghia parviflora
	Wrightia saligna		Euphorbia bifida
Araliaceae	Trachymene bivestita		Euphorbia hassallii
	Trachymene tenuifolia		Euphorbia hirta
Asteraceae	Allopterigeron filifolius		
	Apowollastonia		
	spilanthoides		
	Eclipta prostrata		
	Streptoglossa odora		

Fabaceae	Euphorbia mitchelliana		Leucas decemdentata
	Euphorbia tannensis		Ocimum americanum
	Hylandia dockrillii		Ocimum tenuiflorum
	Ricinocarpos verrucosus		Plectranthus congestus
	Abrus precatorius		Plectranthus foetidus
	Acacia disparrima	Lecythidaceae	Barringtonia acutangula
	Acacia guyeri		Planchonia careya
	Acacia leptocarpa		
	Acacia melanoxydon	Lentibulariaceae	Utricularia limosa
	Acacia nesophila	Linderniaceae	Bonnaya ciliata
	Acacia simsii		Buchnera linearis
	Acacia umbellata		Buchnera urticifolia
	Acacia victoriae		Centranthera
	Albizia canescens		cochinchinensis
	Bauhinia hookeri		Rhamphicarpa australiensis
	Caesalpinia pulcherrima		Striga curviflora
	Cajanus acutifolius	Loganiaceae	Mitrasacme connata
	Cajanus marmoratus		Mitrasacme nudicaulis
	Clitoria ternatea		
	Crotalaria aridicola	Loranthaceae	Amyema conspicua
	Crotalaria juncea		Dacrydium brittenii
	Crotalaria medicaginea		Diplatia grandibractea
	Crotalaria mitchellii		Diplatia tomentosa
	Crotalaria verrucosa		Lysiana exocarpi
	Dunbaria rotundifolia		Lysiana subfalcata
	Galactia tenuiflora	Lythraceae	Lagerstroemia archeriana
	Glycine curvata		
	Indigofera pratensis	Lythraceae	Rotala diandra
	Leucaena leucocephala		Rotala mexicana
	Macrotyloma uniflorum	Malvaceae	Abelmoschus moschatus
	Millettia pinnata		Brachychiton albidus
	Neptunia gracilis		Brachychiton diversifolius
	Rhynchosia minima		Corchorus aestuans
	Sesbania cannabina		Corchorus tridens
	Tephrosia astragaloides		Grewia latifolia
	Tephrosia gaudium-solis		Grewia retusifolia
	Tephrosia macrostachya		Hibiscus meraukensis
	Vachellia bidwillii		Malvastrum americanum
	Vachellia sutherlandii		Melhania oblongifolia
	Vigna radiata		Melochia corchorifolia
	Vigna sp. Station Creek (R.J.Lawn CQ3284)		Sida cordifolia
	Vigna vexillata		Sida fibulifera
	Zornia areolata		Sida magnifica
	Zornia muelleriana		Triumfetta pentandra
Gesneriaceae	Lenbrassia australiana	Martyniaceae	Martynia annua
			Proboscidea louisianica
Goodeniaceae	Goodenia armitiana	Meliaceae	Owenia acidula
	Goodenia armstrongiana		
	Goodenia debilis	Menispermaceae	Pachygone ovata
	Goodenia janamba		Tinospora smilacina
Lamiaceae	Callicarpa candicans	Moraceae	Ficus crassipes

	<i>Ficus obliqua</i>		<i>Timonius timon</i>
	<i>Ficus triradiata</i>	Rutaceae	<i>Acronychia laevis</i>
Myrtaceae	<i>Corymbia clarksoniana</i>		<i>Muraya paniculata</i>
	<i>Corymbia confertiflora</i>	Santalaceae	<i>Santalum lanceolatum</i>
	<i>Corymbia hylandii</i>		<i>Viscum articulatum</i>
	<i>Eucalyptus chlorophylla</i>	Sapindaceae	<i>Atalaya sericopetala</i>
	<i>Eucalyptus cullenii</i>		<i>Dodonaea dodecandra</i>
	<i>Eucalyptus leptophleba</i>		<i>Harpullia rhyticarpa</i>
	<i>Eucalyptus normantonensis</i>	Sapotaceae	<i>Pleioluma macrocarpa</i>
	<i>Eucalyptus persistens</i>		
	<i>Eucalyptus tardecidens</i>	Solanaceae	<i>Datura inoxia</i>
	<i>Eucalyptus tereticornis</i>		<i>Solanum intonsum</i>
	<i>Lophostemon grandiflorus</i>		<i>Solanum multiglochidiatum</i>
	<i>Lysicarpus angustifolius</i>		<i>Solanum seforthianum</i>
	<i>Melaleuca argentea</i>		
	<i>Melaleuca fluviatilis</i>	Stylidiaceae	<i>Stylidium diffusum</i>
	<i>Melaleuca leucadendra</i>	Symplocaceae	<i>Symplocos gittinsii</i>
	<i>Melaleuca monantha</i>		
	<i>Melaleuca quinquenervia</i>	Vitaceae	<i>Cissus cardiophylla</i>
	<i>Melaleuca stenostachya</i>		<i>Clematicissus opaca</i>
	<i>Melaleuca trichostachya</i>		
	<i>Melaleuca viridiflora</i>	Zygophyllaceae	<i>Tribulus terrestris</i>
	<i>Tristaniopsis exiliflora</i>		
Phyllanthaceae	<i>Antidesma parvifolium</i>		
	<i>Phyllanthus simplex</i>		
	<i>Poranthera microphylla</i>		
Picrodendraceae	<i>Petalostigma banksii</i>		
	<i>Petalostigma pubescens</i>		
Pittosporaceae	<i>Bursaria tenuifolia</i>		
Plumbaginaceae	<i>Plumbago zeylanica</i>		
Polygalaceae	<i>Polygala obversa</i>		
	<i>Polygala orbicularis</i>		
Polygonaceae	<i>Persicaria attenuata</i>		
Portulacaceae	<i>Calandrinia uniflora</i>		
	<i>Portulaca australis</i>		
	<i>Portulaca bicolor</i>		
	<i>Portulaca filifolia</i>		
	<i>Lysimachia ovalis</i>		
Primulaceae	<i>Maesa haplobotrys</i>		
	<i>Myrsine achradifolia</i>		
Proteaceae	<i>Banksia spinulosa</i>		
	<i>Grevillea mcgillivrayi</i>		
	<i>Grevillea mimosoides</i>		
	<i>Hakea persiehana</i>		
	<i>Persoonia falcata</i>		
Rubiaceae	<i>Coelospermum reticulatum</i>		
	<i>Spermacoce brachystema</i>		



Petalostigma banksii (image by Garry Sankowsky)

Innisfail Branch

Meetings at 4 p.m. on the second Wednesday of each month at 1 Stitt Street, Innisfail.

Contact: innisfail@npq.org.au

Townsville Branch

Meetings at 8 p.m. on the second Wednesday of the month, February to November, in Annandale Community Centre.

12 August 2018 - Jezzine Park. Meet at 9am near the silver arches, corner of Mitchell and Isley Sts. Plenty of parking in both streets.

Contact: johnelliott@sgaptownsville.org.au

www.sgaptownsville.org.au

Tablelands Branch

Meetings on the 4th Wednesday of the month. Excursion the following Sunday.

Contact: Chris Jaminon on 4091 4565 or email hjaminon@bigpond.com

Brooklyn Station Access

