



QNC NEWS

Newsletter of The
QUEENSLAND NATURALISTS' CLUB INC.

No. 347 November-December 2019

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www.qnc.org.au

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Red-eyed tree frog (*Litoria chloris*). Mount Clunie
Photo: Greg & Annie Neill



A collared sparrowhawk (*Accipiter cirrocephalus*) resting on a chair on the Standings' house verandah. Mount Clunie Photo: Greg & Annie Neill

PROGRAMME

General Meetings:

November 18	Long excursion report and presentation
February 17, 2020	Annual General Meeting and Presidential Address <i>Wildlife of East Diamond Island</i>
March 16, 2020	Speaker to be Confirmed
April 20, 2020	Speaker to be Confirmed
May 18, 2020	CT White Lecture Andrew Franks <i>Bryophytes</i>

Excursions:

November 23	Samford Ecological Research Facility
December 14	QNC Christmas Break-up, Jimboomba
April 5-13, 2020	Long Excursion 2020 Expedition National Park (Lonesome Section)

CLUB CONTACT DETAILS

Mailing address: PO Box 5663, West End, QLD 4101

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Secretary:	Ms Judy Haines	Ph: 0402 236 359	secretary@qnc.org.au
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QNC News Editor:	Ms May-Le Ng		news@qnc.org.au

Deadline for News items – 15th December for Jan-Feb 2020.

The Queensland Naturalist is published twice per year, send articles to the Editor:

Dr. Peter Woodall at journal@qnc.org.au

If you receive a paper copy of the newsletter, switch to receive the coloured email edition by contacting Mike (treasurer@qnc.org.au) to update your details.

COUNCIL NEWS

September 7-8: QNC stand at the Native Plants Queensland annual display at Mt Coot-tha

On the 7th and 8th of September, the Queensland Naturalists' Club had a stand at Native Plants Queensland's Wildflower Spectacle and Native Plants market at Mt Coot-tha. Many people came to speak to us over the two-day period and quite a few took away our membership forms. We also sold a good number of our natural history books. Many thanks to James Hansen for setting up the stand and to Mike Anderson, Dick Date, Judy Haines, Barry Jahnke, David Shaw and Peter Woodall for attending the stand.

Subscription Reminder

This is a reminder that Subscriptions for 2020 were due on 1 July 2019. If you wish to remain a member of the Club, please complete your payment by 31 December 2019. Members will automatically be removed from the QNC News and Journal address labels after that date. Options for payment are shown on the back page of the QNC News.

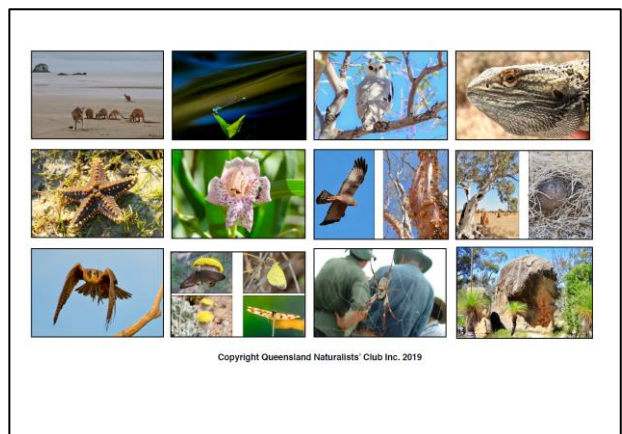
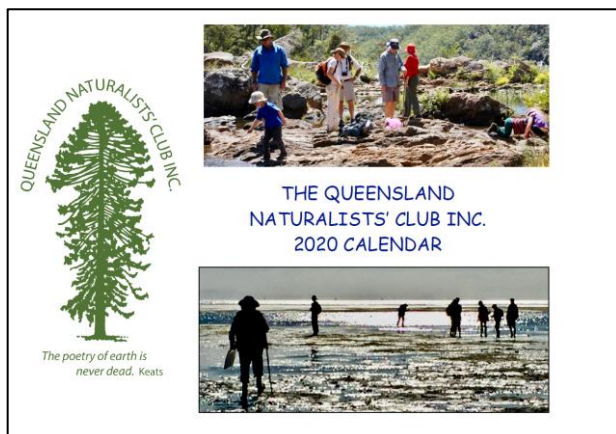
Facebook

Follow our Facebook page for titbits about the natural world, to find out what we've been up to and for information on upcoming events. Share our page with your friends and families and contact Leith (librarian@qnc.org.au) if you have information we could post. You do not have to be a member of Facebook to see what we publish, and you don't have to divulge any private information.



Dr Dick Date at the QNC stand

QNC Calendar 2020



The Club's 2020 calendar features winning photos from the photographic competition run during the September General Meeting. Copies of the calendar are available for \$10 picked up from the Treasurer or \$13 including postage. Please contact Mike (treasurer@qnc.org.au) or ring 0434 148 170 with the number of copies required. Payment can be made by posting a cheque to the Treasurer QNC, 164/462 Beams Road, Fitzgibbon, QLD 4018 or paying online to Queensland Naturalists' Club BSB 034068 Account 901249.

March 26-29, 2020: World Science Festival Street Science

As part of the 2020 World Science Festival, there will be another Street Science display at Southbank from 26th to 29th March 2020. The Royal Society of Queensland (RSQ) is applying for a stall and has invited the QNC to have a hands-on display that will engage children and young people in learning about natural history.

The theme for the 2020 QNC hands-on display is Pods and Seeds. Council invites members to put aside pods and seeds for this display. The items need to withstand many childrens' hands, or be able to be housed in a clear container that children and young people can hold and look at. Because this is an education activity, we would like accompanying photos of the flowers or fruit from which the pods or seeds came and the original plant. Any other interesting information relating to the items or the theme will also be welcome.

If you can help in any way, please email Sally (president@qnc.org.au) with a description of items you have. Put the item/s aside and bring them to the February 2020 QNC general meeting or post them to the Club's postal address (per the front page).

For more information about the festival, visit:

<https://www.worldsciencefestival.com.au/street-science-2020/>

Meeting Venue

The QNC Council is investigating venues for our monthly General Meetings. We are currently hiring the Toowong Uniting Church Hall for meetings as well as hiring container storage for our Library, books and equipment. If any members know of a suitable venue for our monthly meetings where there is also storage space for the equivalent of 4 double door cupboards, please advise Judy (secretary@qnc.org.au) or phone 0402 236 359.

Assistant Secretary (Minutes Secretary) is needed!

Can you help? If so, please contact the President or other member of Council.

New Members

Welcome to our newest members, we hope you have a long and happy association with the club:

- Michael and Kate Hamilton (Roma)
- Karen Hunter (Maleny)
- Ilona Papajcsik (Mount Cotton)
- Quan Nguyen (St Lucia)
- Ngoc Nguyen (Indooroopilly)
- June Gunn (Graceville)

GENERAL MEETINGS

General meetings are held between February and November on the third Monday of the month from 7:30 PM at the Toowong Uniting Church Hall, 82 Sherwood Road, Toowong. This location is conveniently reached by public transport and is approximately 200 m from Toowong Village Shopping Centre, Toowong Railway Station and the main bus stops. Street parking is available near the church and there is an off-street parking area on the river side of the church (ignore the permit required sign). Parking at Toowong Village Shopping Centre is free for entry after 6:00 PM.

LIBRARY CUPBOARD

Journals and newsletters will be on display and new books will be brought to General Meetings. However, as the library cupboard is not available at the Toowong Uniting Church Hall, books can be borrowed by contacting Leith (librarian@qnc.org.au) prior to the meeting. The library catalogue can be found on the QNC website at http://www.qnc.org.au/Library/QNC_LibraryCatalogue.pdf.

DIGITAL EXHIBITS AT GENERAL MEETINGS

Do you have something to share at a General Meeting? If your exhibit requires the projector, please arrive by 7:15 PM and liaise with the Lanternist to upload your PowerPoint or jpeg image. We would also love to see your exhibit in the QNC News and online, please see the Exhibits section of this newsletter.

ROSTER FOR GENERAL MEETINGS

Our General Meetings are warm and welcoming thanks to the generous help of a few volunteers who provide reception and supper duties. Please consider nominating for the General Meeting Roster by signing up at a meeting or emailing your availability and preferred task to Judy (secretary@qnc.org.au).

November 18 Reception: Could this be you?

Supper Duties: Could this be you?

Thank you to the volunteers at the September and October General Meetings, including Peter Woodall, Lil Spadger, Ann Tracey, David Shaw and all those who brought plates of food and assisted with the room set up and clean up.

COMING UP

Monday 18 November

Long excursion report and presentation

Monday 17 February 2020

Annual General Meeting and Presidential Address



QNC President Sally Johnsen will present:

Wildlife of East Diamond Island

East Diamond Island, a coral cay south of Willis Island in the Coral Sea, does not get many visitors due to its isolation. When a group of us visited the island in November 2012, we were enthralled by the wildlife on this tiny cay in the middle of a vast ocean. This presentation will share the challenges faced when travelling to such a remote location and give a photographic overview of some of the wildlife that we saw.

MEETING REPORTS

General Meeting: 16 September

Tonight was members' night, where all attendees were given five stickers to select their favourite photos from those submitted to the QNC calendar photo competition. Congratulations to the winners, whose entries will feature in the 2020 calendar and thank you to all entrants for submitting your beautiful and interesting photos and to all participants for voting.

Peter and Leith Woodall presented Birds and Bugs and Other Things of China. This was a most interesting talk, combining erudition and human interest and showing a different aspect of China that is commonly overlooked by the media.

General Meeting: 21 October

Mr Lawrie Smith spoke about the history of Roma Street Parklands. Lawrie combined a marvellous mix of history and botany. It is wonderful that Brisbane is home to such an iconic spectacle.

EXHIBITS

Do you have some natural history observations to share? Exhibits may be shared at General Meetings and through our website, social media and newsletter.

If you can bring your exhibit to a General Meeting, the exhibit may be in physical (e.g. specimens, books) or digital (e.g. images, videos) format. If your exhibit requires the projector, please arrive by 7:15 PM and liaise with the Lanternist to upload your PowerPoint or jpeg image.

If you are unable to attend General Meetings, and we also ask this of Meeting exhibitors, please send photos and an accompanying description to:

- The Club website –David (web@qnc.org.au)
- Our Facebook page – Leith (facebook@qnc.org.au)
- The QNC News – May-Le (news@qnc.org.au).

October Meeting Exhibits

Barney Hines provided a samples of three plants for identification.

Peter Haselgrove mentioned that *Spyridium scorthecinii*, also known as Corroboree or Cotton Bush, was found in the homestead garden at Mount Clunie.

EXCURSIONS

Fees apply for weekend camps of \$2 per adult per night, plus other camping fees, if applicable.

Registration for all excursions is with the Leader or contact given.

Those participating in any Club activity do so as volunteers in all respects and as such accept responsibility for any injury to themselves, however incurred. The Club or its officers cannot accept any liability or responsibility.

VOLUNTEERS REQUIRED TO LEAD EXCURSIONS

Do you know of a great place that other naturalists might enjoy exploring with you? We are looking for people to suggest excursion locations and for volunteer excursion leaders. If you are interested, contact Barney by email (excursion@qnc.org.au) or telephone: 07 3720 9414.

EXCURSION SIGN-ON SHEETS

The Club asks all people who attend excursions to sign an Attendance Sheet. This provides a record of your attendance in case it may ever be necessary to make an insurance claim. It also offers the option of recording your email address so that you can receive a species list from the excursion.

COMING UP

November 23: Samford Ecological Research Facility

Saturday 23rd November 2019, 4:00–8:30 PM (Council meeting at 2PM)



Leaders: Matt Phillips (mob: 0466 361 826) and Barney Hines (mob: 0420 35 1801)

The Samford Ecological Research Facility (SERF) is situated on a property that was bequeathed from Elizabeth 'Pat' Marks' estate. Pat was a past president of the QNC and a very active member. Long standing members may recall visiting Pat's property for QNC breakups in the early 1980s.

The outing will involve a walk around the property, followed by a supper and hopefully some moth trapping and looking for other nocturnal wildlife. The property has some interesting vegetation, including sclerophyll forest dominated by swamp box on the upper slopes and rainforest and wet sclerophyll communities where the property meets Samford Creek.

Lots of information is found on the SERF website, including articles from the QNC.

<http://www.serf.qut.edu.au/>

The club's last outing to the site occurred in 1993 and is described below.

http://www.serf.qut.edu.au/serfresourcefiles/nature_notes_excursion_qnc_1993.pdf

This excursion was initially planned for February this year but cancelled due to a gale warning. Hopefully we will have better luck this time around.

See additional notes from the earlier newsletter.

Bring: a picnic meal. A BBQ may be available but only one between all attendees, so a picnic might be better. There is a large covered verandah so we can shelter there for dinner in case of rain. There is also a large table with chairs to seat about 12. Two toilets are available.

Please bring a torch or a headlamp for the evening activities. Long sleeves and long pants are recommended as there could be lots of mosquitoes.

Directions: From the city, follow Samford Road through Ferny Grove and Ferny Hills. Turn left into Camp Mountain Road. Continue along this for 3.3 kilometres and turn left into the site. There is a sign on the front gate letting you know that you are at the right place. Allow approximately 40 minutes from the Brisbane CBD.

Registration: Please register for this outing by email to Excursions@qnc.org.au

December 14: QNC Christmas Break-up, 269-285 Glynton Rd, River Bend/Jimboomba

Saturday 14 December 2019, 3-8 PM

The break-up before Christmas will be held at Ann Tracey's property in Jimboomba, a Land for Wildlife property of about 4.5 ha with no permanent residence, power or town water. Vegetation is mainly spotted gum, with a richer riparian strip. Lantana clearing is a constant and the cats claw creeper has won. There is a flora list available.

The property has a long frontage onto the Logan River but the banks are very steep for about 7 m above the water, making access difficult. If there is water in the River, it is possible to slide canoes/kayaks in at the property and take them out downstream just past Paynes Bridge on Cusack Lane. Ann is able to obtain a key to allow a vehicle to descend close to the water there – please express interest in bringing your water craft during registration so that the key can be organised. If the River is dry, we can walk several kilometres in the riverbed.

Campers are welcome for the Friday and Saturday nights but must bring all drinking water.

The ground becomes boggy following good rain so we may need to cancel if this is the case. The wet weather contingency will be a day trip to Oxley Creek Common.

Telstra phone reception is possible, but sometimes patchy.

Bring: insect repellent, camera, binoculars etc., gear to explore the Logan River with (if keen), picnic things for sitting and for an early dinner, torches for spotlighting. There is a covered, cemented, communal area beside the two old vans. There is a gas barbecue and a raised fireplace. There are two tables and a few chairs.

Directions: The property is the last on the right, before the dead end on Glynton Road. Please park on the road if you are not camping as there is limited parking within the property. Allow approximately 45 minutes from Brisbane city.

Contingency for Wet Weather: We will meet at Oxley Creek Common shelter shed instead if the weather is wet.

Registration: Please register to excursion@qnc.org.au and provide a contact number in case we need to follow the wet weather plan.

April 5-13, 2020: QNC long excursion 2020 – Expedition National Park (Lonesome section)

Sunday 5th April to Monday 13th April, 2020

Leader: Barney Hines excursion@qnc.org.au with assistance from Sally Johnsen (Mobile: 0449517627) during the planning phase.

The long excursion is being held in April next year to avoid coinciding with the Australian Naturalists' Network 2020 Get-together in September.

We will be exploring the sandstone country and Dawson River in the Arcadia Valley via Injune, including Lonesome Holdings and Lonesome National Park, Bielba National Park (4WD access only), and Lake Nuga Nuga.



Limited accommodation (3 rooms with 2 people in each) in the Ranger's Hut is likely to be available, and hut facilities (including tank water) will be for use only by those staying in the hut. If interested, please apply for the hut accommodation early. This accommodation will be issued to those deemed to have greatest need, as well as a first come basis. Those who can are encouraged to camp.

Camping will be near the Rangers Hut at Lonesome Holdings, which is adjacent to Lonesome National Park and which is managed by National Park Rangers. If the drought continues, those camping will need to be self-sufficient with water. Updates about water will be provided closer to the time of the excursion. National Parks and QNC camping fees will apply.

Club toilets will be set up.

QNC member, Craig Eddie of 'Boobook', Roma, runs several ecological tours, including tours of Coal-seam gas (CSG) facilities in the Arcadia Valley that show both sides of the story for this activity. If you are interested in going on a tour of the CSG facilities, please email excursion@qnc.org.au as soon as possible to allow arrangements to be made with Craig. The date and cost of this activity will be advised as soon as it is known.

Directions: Head west from Brisbane from Roma (580 km), then head north from Roma towards Injune along the Carnarvon Development Road (90 km). From Injune continue north for a further 37 km, then turn right into Arcadia Valley Access Road. Lonesome National Park is 18 km (4km gravel) along this road. More detailed directions will be provided closer to the excursion.

Registration: Please email excursion@qnc.org.au with your name, contact details and the number in your party as soon as possible to receive updates about this excursion.



EXCURSION REPORTS

August 31: Bradbury's Beach, Dunwich, Stradbroke Island

Fourteen club members and their guests enjoyed a splendid day exploring the Bradbury Beach area on Stradbroke Island. In the morning, before the tide became favourable for exploring the sand-mud flat, an impressive list of 39 birds was compiled, recorded by Susan Nelles. Other highlights of the terrestrial component of the excursion were seeing *Allocasuarina* in flower, several Mistletoes and the caterpillar of the Scarlet Jezebel.

After a leisurely picnic lunch, the sandy-muddy intertidal flat was explored. Although this area must be frequently visited by students, researchers and unfortunately commercial worm bait diggers, it still supported a diverse community of plants and animals. Fifty-five algae, seagrasses and marine invertebrates were identified, a list is posted on the website.



Enjoying the Bradbury Beach area



Clockwise from left: *Holothuria scabra* (Sandfish), *Stichopus naso* (Warty Sea Cucumber) and *Holothuria leucospilota* (Lollyfish) fission product

Highlights were live corals, a small air breathing slug, tentatively identified as the Warty Slug (*Peronia verruculata*) and Several Wedged Sea Hare (*Dolabella auriculari*). Although this Sea Hare is not included in the Wild Guide to Moreton Bay, we have found several them on our recent excursions. Several species of Opisthobranch molluscs are known to feed on toxic marine cyanobacterium, *Lyngbya majuscula*, mats of which were found on disturbed areas of the bay.

The Echinoderm fauna, especially the Holothurian, was unusually diverse for an intertidal area. Some of the *Holothuria leucospilota* (Lollyfish) were undergoing fission, a type of asexual reproduction.

Myriam Preker

September 22: Tinchí Tamba

On Sunday, 22 September, 13 members joined us for an outing to the Tinchí Tamba Wetlands Reserve. We had fine weather, which became a little warm later in the day. Initially, we walked along the bank of the North Pine River, getting some good views of passing Crested and Gull-billed terns. Across the river, a Brahminy Kite circled around its territory and later in the day a pair of White-bellied Sea-eagles flew overhead. The tide was low and on the muddy riverbank we found some Whimbrels, White-faced Herons and a single Striated Heron that was barely visible through the telescope. We then continued on the circuit, getting good views of a small group of Eastern Grey Kangaroos resting in the shade of the Swamp Oaks. Yellow-faced Honeyeaters were quite confiding and a bit further on we found a couple of recently fledged Mangrove Gerygones being fed by their parents. Denis spotted a Grey Butcherbird on a nest where we stopped for morning tea.



White-bellied Sea-eagle flying overhead at Tinchí Tamba Photo: Leith Woodall

The area was very dry so the vegetation was not at its best but the River Mangrove (*Aegiceras corniculatum*) was flowering, attracting some tiny black beetles that remain unidentified. A stand of the Swamp Oak (*Casuarina glauca*) contained examples of two species of mistletoe: the Estuarine Mistletoe (*Lysiana maritima*) and the Needle-lead Mistletoe (*Amyema cambagei*), which, as the name suggests, has needle-like leaves, quite similar to those of its host.

After completing the circuit, we walked down to the bird hide but there were few birds to see here. However, we found yet another mistletoe, the Golden Mistletoe (*Notothixos subaureus*), a hyper-parasite on the Estuarine Mistletoe.

Overall, we recorded 40 species of birds, 4 butterflies and about 20 plants for the morning. This link gives an illustrated guide to some of the species we saw:

<https://www.inaturalist.org/places/tinchi-tamba-wetlands-reserve>

Peter Woodall

October 5-7: Mt Clunie Cabins

A large contingent, 21 adult and 14 young naturalists, attended the long week-end camp at Mt Clunie Cabins on the southern slopes of Mt Clunie in NSW.

We arrived and set up camp on Saturday morning. In the afternoon, most people set off along a footpad up the slopes of Mt Clunie. A walk of approx. 3.2 km was covered at reasonable speed with time to view some very large Brush Box (*Lophostemon confertus*), which were recorded as having suffered fire damage in 1954.

Harry Hines led an excursion to a nearby pond on Saturday night. Several frog species and a leaf tailed gecko were observed. Inspired by what was seen at the pond, three naturalists continued to the house pond to investigate the night life and more frogs were observed, including the red-eyed tree frog (*Litoria chloris*). Also, out looking for a late dinner was a Rough Scaled snake.



A young naturalist inspecting the hollow brush box



Whirring tree frog (*Litoria revelata*)



Leaf-tailed gecko



Rough-scaled snake (*Tropidechis carinatus*)

Sunday was a full day walk through a range of vegetation types; wet sclerophyll, rainforest, open woodland with a *Xanthorrhoea* understory. Most of the walk was along the Mt Clunie Road, which is now closed to traffic and easy walking enabling good views of the flora and fauna. We climbed up a steep slope to our lunch spot at the Knoll, passing through open forest with large grass trees, *Xanthorrhoea* sp., with most having large elkhorns (*Platycerium* sp.) attached to their trunks. Some of the flowering stalks had been ripped apart (possibly Cockatoos after grubs?) but were still flowering very well.

With a post lunch steep descent over, the group headed back to camp at their own naturalising pace. On the way back, we saw a goanna and paradise riflebirds, male and female.

Jim Standing guided us back along the road on Sunday night for a spotlight search for Greater Gliders. We saw three Greater Gliders, one Ringtail Possum, and Barney Hines heard a Yellow-bellied glider call. One Leaf-tailed gecko was also spotted.

Monday morning was a guided walk around the Standings' house garden, which has 300 *Grevillea* types, plus many other flowering natives. A Collared Sparrowhawk was found resting on a chair on the verandah, possibly after a collision with a window. It reportedly flew off under its own steam a few hours later. Many honeyeaters were in the garden, along with a family of Superb Fairy-Wrens.

Camp was dismantled and most were heading home after lunch on Monday.

Greg and Annie Neill



Right top: *Xanthorrhoea* sp. with large Elk Horn (*Platycerium* sp.) attached to trunks

Right bottom: Some of the *Xanthorrhoea* sp. flower spikes had been ripped apart

ODONATA PHOTOS FOR FIELD BROCHURES

The late Deniss Reeves, former QNC President and long-term member, had a passion for dragonflies and damselflies and devoted his life to raising community awareness and understanding of them. During his odonatological career Deniss amassed thousands of specimens, donating many to scientific institutions like the Queensland Museum.

In memory of Deniss, and with some of the generous bequest received from his estate, Council is working towards producing field brochures for budding naturalists to learn about dragonflies and damselflies. These will be aimed at encouraging naturalists and engaging younger naturalists in the activities of the Club, according to his wishes.

All members are encouraged to join the project by seeking these beautiful creatures, learning a little about them and photographing them. What better way to spend the summer than out in nature?

The brochures are to be illustrated with clear, detailed photographs of damselflies and dragonflies and Club members will be invited to contribute photographs to the project. Further details will be published in future newsletters.

WHAT ELSE IS ON?

November 16: Workshop – The Butterflies Australia Website And Associated App

Saturday 16 November 2019 commencing at 10:00 am

Toohey Forest Eco Centre, Griffith University, Nathan Campus , Bldg. 68 on the Ring Road

In conjunction with the Butterflies Australia Project and the Toohey Forest Environmental Education Centre, the Butterfly & Other Invertebrates Club Inc. (BOIC) will be conducting a workshop on how to use the Butterflies Australia App and the associated website. Chris Sanderson from the project and Darren Shepherd from the Eco Centre will assist participants in downloading the App to their devices. Afterwards, participants will enjoy a forest walk and learn how to use the App in the field. The App will be officially launched in Canberra on 24 October and will be available to download for free.

BOIC proudly supports this project and the work completed by Chris Sanderson and the Project Team.

Registration: Please contact Dawn Franzmann via secretaryboic@gmail.com, info@boic.org.au or Mobile: 0419 786 369

September 11-20, 2020: Australian Naturalists' Network 2020 Get-together in Stanthorpe, Qld.

The Stanthorpe Field Naturalists' Club is hosting the next ANN get-together from Friday 11th to Sunday 20th September 2020. Introductory information and an Expression of Interest (EOI) form are now available. To receive these or for further information please email Lynette Haselgrove at anngb2020@gmail.com or contact members of the QNC Council.

We are still accepting EOI forms, however, numbers may be limited and places will be awarded in the order in which the forms are received.

In August 2020, any remaining places will be offered as daily passes. The cost for a day will include a seat on the coach, lunch, dinner and extras.

Outings will be to local protected areas with high botanical diversity, including those on granite soils, traprock and basalt. Areas we hope to visit include:

- Girraween National Park – noted for its wildflowers and striking granite features;
- Sundown National Park - containing box/ironbark woodland which provides excellent birdwatching;
- Amiens State Forest – a great diversity of flowers and birds;
- Cunningham's Gap – rainforest; and
- Torrington State Conservation Area.

At least one outing will concentrate on geological aspects of the district.

Plants of Toowoomba and the Darling Downs: Can you help us?

A local group of plant lovers has initiated a project to develop a field guide to the plants of Toowoomba and the Downs based around the Condamine River catchment. Our inspiration is the excellent *Mangroves to Mountains* by Glenn Leiper et al. Our working title is *Condamine Country: A Field Guide to the Plants of Toowoomba and the Darling Downs*.

To that end, we are seeking photos of local flora and would be pleased to receive any good shots you might have that you are willing to share with us. The project is not a profit-making venture, so no payment for images is possible, however authorship of any images we use will be acknowledged.

Details for photo submission:

- We are seeking photos that are in focus and show the features of the plant clearly.
- Ideally photos should show flowers, foliage and any other features of significance for identification. The field guide is aimed at ordinary people with no botanical expertise. The most suitable photos for our purposes are the ones which show the feature/s of the plant which are most likely to attract the attention of a curious amateur.
- Photos should be as high resolution as possible and in JPEG (jpg) or TIFF (tif) format; we may need to crop or otherwise adjust images.
- Photos should be of wild plants only (not garden specimens)
- Photos can be of introduced as well as of native species. We intend to include a selection of introduced plants.
- Please name any files you send us in this way:
 - [Genus] [species] [your given name] [your surname] [the location of the plant] [month taken] [year taken] (e.g. *Acacia blakei* Fred Neurk Clark Rd Chinchilla Feb 2018)
 - Omit any of the detail above that is unknown; if the plant itself is unidentified, please replace [genus] and [species] with the word [unknown] (e.g. unknown Fred Neurk Clark Rd Chinchilla Feb 2018)
 - If you are submitting more than one photo of a particular species, please add a number at the end (1, 2, etc.)
- Please limit your submission/s to three photos of any given species.

If you have photos that you think would be suitable for our book that you're willing to share, please send them by email to: condaminecountry@gmail.com

It would help if you could limit the number of file attachments to any email – say a maximum of three files per email. We will be grateful for any help you can give us!

The Condamine Country Team: Trish Gardner, Kerrie Rathie, Peter Macqueen, Steve Plant, Lisa Churchward and Greg Spearritt

Queensland Herbarium Seminars

The Herbarium hosts free public seminars at the Mt Coot-tha Botanic Gardens from noon until 1 PM on the second Monday of the month (March to November) at the FM Bailey conference room in the Herbarium building. There is no need to register, refer to the following website for details:

www.qld.gov.au/environment/plants-animals/plants/herbarium/seminars-events

11 November 2019 Taxonomic studies in *Tephrosia* (Fabaceae)
Ryonen Butcher, Western Australian Herbarium

ANNUAL MEMBERSHIP SUBSCRIPTIONS

DUE 1st JULY

Subscription Type (please tick)

☐ Family \$40 ☐ Single \$25 ☐ Student /Junior \$15 ☐ Club Badge \$15

Payment Options

❖ **By Post**

Post a bank cheque or money order with this completed form to:

The Treasurer, Mr Mike Anderson

164/462 Beams Rd

Fitzgibbon

Queensland 4018

❖ **At a General Meeting**

Hand payment to the Treasurer in an envelope with this completed form.

❖ **By EFT**

Please transfer payment to the following bank account and email your details and newsletter preference to treasurer@qnc.org.au

Account: The Queensland Naturalists' Club Inc.

Bank: Westpac

BSB: 034-068

Account Number: 901249

Reference: Your Name

Your Contact Details

Name.....

Postal Address.....

.....

Phone

Email.....

☐ The QNC News will be sent to you by email. Please tick this box if you require a copy in the post.