



QNC NEWS

Newsletter of The
QUEENSLAND NATURALISTS' CLUB INC.

No. 354 January-February 2021

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www.qnc.org.au

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PROGRAMME JAN/FEB 2021

General Meetings: Please register at meetings@qnc.org.au or phone Mike on 0434 148 170

February 15 AGM – including presentation of 2021 Qld Natural History Award
Speaker – Dr Andrew Baker
Topic – Threatened carnivorous marsupials of SE Qld

Upcoming Excursions: Please register at excursion@qnc.org.au or phone Barney on 07 3720 9414

January 23-26 Foxbar Falls Camp (near Stanthorpe) with Greg and Annie Neill – details on P.5

February 20 Goomburra with Chris Burwell – Dragonfly day excursion with option of overnight stay – details on P.6

CLUB CONTACT DETAILS

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President:	Ms Sally Johnsen	Ph: 0449 517 627	president@qnc.org.au
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Excursion Secretary:	Mr Barney Hines	Ph: 07 3720 9414	excursion@qnc.org.au
QNC News Editor:	Dr Annette Neill	Ph: 0427 369 730	news@qnc.org.au

Deadline for news items – 10th February for March-April 2021.

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

The Annual General Meeting (AGM)

The Annual General Meeting of the Queensland Naturalists' Club will be held at the February 2021 meeting. At the AGM all members of the Council shall retire from office but shall be eligible upon nomination for re-election except that the maximum period of consecutive office of President shall be two (2) years (Constitution - 12.2).

Nominations, which shall be in writing and signed by the Member and their proposer and seconder, shall be lodged with the Secretary secretary@qnc.org.au at least fourteen days before the AGM at which the election is to take place (12.3b). At the commencement of the AGM, should there be an insufficient number of candidates nominated nominations may be taken from the floor of the meeting (Constitution - 12.3d).

The Council of the Club shall consist of the following officers, all of whom shall be members of the Club (12.1); President, Vice-President, Treasurer, Secretary, Assistant Secretary, Excursion Secretary, Editor (Journal), Newsletter Editor, Webmaster, Librarian, Lanternist, Councillors (up to 4), Immediate Past President.

Subscription Reminder

This is a reminder that Subscriptions for 2020-21 were due on 1 July 2020. Options for payment are shown on the back page of the QNC News. If you are not sure about the currency of your subscription, you can check with the Treasurer. Any members not financial for 2020/21 have automatically been removed from the mailing lists for QNC News and the Queensland Naturalists' Journal as from 31 December 2020.

General Information

Items for the News

We would love you to share your experiences in, or observations of, the natural world through the newsletter. These may be current or something you've been meaning to share for a while.

Please send your written piece with photos and photo captions to news@qnc.org.au.

Naturalists' Clubs' Newsletters

Several naturalists' clubs are sharing newsletters to encourage continued interest and knowledge sharing while social distancing is in place.

These can be found at the following links:

<https://qnc.org.au/Publications.htm> and <https://mysd.com.au/fieldnats/nats-magazines-2/>

If you have connections with additional field naturalists' clubs that have expressed willingness to share newsletters during these COVID-19 restrictions, please email president@qnc.org.au and we will reciprocate.

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.

Library Cupboard

The library catalogue can be found on the QNC website at <http://www.qnc.org.au/Library/QNCLibraryCatalogue.pdf>

Latest on COVID-19

Please see the website below for the latest information

[Roadmap to easing restrictions](#)

In Brief:

COVID guidelines for meetings

- ❖ Please register for all meetings by email to meetings@qnc.org.au or phone Mike on 0434 148 170
- ❖ COVID-19 social distancing, hygiene and other requirements will be implemented.
- ❖ Also, NO SUPPER will be held, and no books or library items will be on display.

COVID guidelines for excursions

- ❖ Please register for all excursions by email to excursion@qnc.org.au or phone Barney on 07 3720 9414
- ❖ Up to 100 people can gather in outdoor public spaces (as at 31 Dec 2020)

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.

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.

COMING UP

Monday 15 February 2021 – Annual General Meeting

The AGM will include the presentation of the 2021 Queensland Natural History Award. This will be the 30th QNHA awarded since its inception.

Speaker: Dr Andrew Baker

In his talk, Dr Andrew Baker, recipient of the 2020 Queensland Natural History Award, will discuss some findings made by his research team over the last 5 years or so, which has focussed on the detection, description and conservation of new species of threatened carnivorous marsupials in south-east Queensland.

Monday 15 March 2021

Speaker: Dr Richard Noske

Topic: The breeding seasons of eucalypts and honeyeaters in the Brisbane region

Summary:

Despite the ubiquity, overwhelming dominance and ecological importance of eucalypts in Australia's sclerophyll forests, there have been almost no quantitative studies of their flowering phenology in SE Queensland. Bee-keepers are among the few people with an interest in this topic, for obvious reasons. This talk combines the observations of apiarists with my long-term study of flowering times. As honeyeaters are pollinators of eucalypt species, I will also discuss the foraging ecology and breeding seasons of honeyeaters, about which surprisingly little is known.

Biosketch:

Dr Richard Noske obtained his PhD from the University of New England and then was Senior Lecturer in Biology at Charles Darwin University (CDU) in Darwin, Northern Territory, for 26 years. In addition to three books and many book chapters and non-refereed articles, Richard has authored or co-authored 120 scientific journal papers, mostly concerning the birds of Australia and Indonesia. He has played editorial roles for four scientific journals, including Chief Editor of the Indonesian bird journal Kukila for almost two decades.

After moving to Brisbane in 2010, he served as President of Birds Queensland from 2012 to 2016, and currently sits on committees for the Bird Education Group and Protect the Bush Alliance.

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.

A WORD FROM BARNEY – EXCURSIONS SECRETARY

A big thank you -Thanks to everyone who made excursions possible this year, particularly the leaders of outings and landholders for areas we visited. It has certainly been a very unusual year with COVID chaos and outings only occurred with lots of people's enthusiasm, flexibility and get go attitude. Stay safe and we all look forward to another busy year in 2021.

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 in leading an excursion, **contact Barney by email excursion@qnc.org.au or telephone: 07 3720 9414.**

EXCURSION SIGN-ON SHEETS

QNC asks all people who attend excursions to sign an Attendance Sheet. This is part of the current COVID Safe arrangements and 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.

REGISTRATION GUIDELINES DURING COVID-19

To comply with government regulations during the COVID-19 pandemic, the Club is changing the way that registrations occur for Club outings. These guidelines are listed below. Note that the Club may need to change the guidelines at short notice to comply with ongoing changes in government regulations.

Current Guidelines:

- The number of participants at Club activities may be restricted.
- **Members must register via email** to the Excursion Secretary at excursion@qnc.org.au at least 24 hours before the commencement of the outing with the names of each attending person.
- To limit the number of people, registrations will be awarded on a first in first served basis, with members advised if they are successful or not in their application.
- Participants will need to maintain social distancing requirements for the outing.
- *Please do not attend QNC outings if you are feeling unwell or showing cold or flu-like symptoms.*

EXCURSIONS COMING UP

January 23 (Saturday) to January 26 (Tuesday): Foxbar Falls Camp

Dates: 23 – 26 January 2021

Leaders: Greg and Annie Neill

Phone: Greg 0437 144 736

Meeting location: 375 Goldfields Road, Amiens, near Stanthope

Register: by email to excursion@qnc.org.au with Foxbar Falls in the subject line. Please include names of all attendees and a contact number for COVID-19 contact tracing.

Details:

QNC has reserved 10 camp sites for Friday 22nd January and 20 campsites for Saturday 23rd, Sunday 24th and Monday 25th January. All campsites are in the Rock View area.

Cost: \$13 per adult per night. Children aged 10 years or younger are free. Children aged 11 to 17 years are \$8 per child per night.

Bookings and full pre-payment for sites are essential because it is a long weekend.

Contact Foxbar Falls directly, Phone: 0477 369 227 E-MAIL: info@foxbarfalls.com.au.

Web: <https://www.foxbarfalls.com.au/> for campsite bookings and pre-payment. Mention that you are part of the Qld Naturalists' Club group. Mobile phone is weak so leave a message and they will return your call.

Applethorpe rain gauge has registered 148.2mm for December, so the area should be greening up and the dams in the camp area full. There are walks around the campsite that we can do as well as the nearby Passchendaele State Forest for a longer day out. Activities will be decided on the day, determined by the weather /temperatures and member interests.

Please register interest at Club's email, excursion@qnc.org.au, as soon as possible so we can gauge numbers and we can advise managers of numbers ASAP. It will be up to individuals to book and pay at a later date directly with the managers.



February 20 (Saturday): Dragonfly and Damselfly Goomburra, Main Range NP

Date and time: 09:30 on 20 February 2021

Leader: Chris Burwell

Phone: Chris 0425 396 444. Note that there may be no mobile phone reception within the national park.

Location: meet at Manna Gum camping area at 09:30

Register: by email to excursion@qnc.org.au with Goomburra in the subject line. Please include names of all attendees and a contact number for COVID-19 contact tracing.

Details:

Chris Burwell and Rod Hobson will lead an outing to Goomburra, Main Range National Park on the 20th February 2021, in search of dragonflies and damselflies. Goomburra has a diverse fauna of stream-inhabiting species and weather permitting we will search along creeks in both open forest and rainforest. All three species of spectacular blue and black rockmaster damselflies (species of *Diphlebia*) occur in the area as do both species of large, secretive needles (damselflies in the genus *Synlestes*). Bring along your cameras as it will be a great opportunity to capture images of some species that are infrequently encountered in south-eastern Queensland. Binoculars are also strongly recommended, which can also be used for birding; the area has an excellent mixture of open forest and rainforest species. Chris and Rod are likely to camp in the park on Friday night and members are welcome to do the same but permits need to be obtained from national parks.

Please follow the link for QPWS campsite booking information <https://parks.des.qld.gov.au/parks/main-range/camping/manna-gum>

Directions:

From the Cunningham Highway turn off at Gladfield (25km west of Cunninghams Gap) or 13km east of the Cunningham and New England highway junction, turn north and travel 8km to join Inverramsay Road. Follow Inverramsay Road, then Forestry Reserve Road to the park boundary. The last 6km of road to the park is unsealed and may be impassible due to flooding after heavy rain.

Allow approximately 2 hours and 10 minutes travel time from the Brisbane CBD to Cunningham's Gap.

March 21 (Sunday) : Mt Mellum day excursion

Date and time: 08:30 on 21 March

Leaders: Ian and Chrissie McMaster, Barney Hines and Gretchen Evans

Phone: Ian 0419 476 980

Directions: NB the GPS won't get you there! Please follow instructions from the owners (below). The travel time from Brisbane CBD is ~ 1 hour and 20 minutes

Register: by email to excursion@qnc.org.au with Mt Mellum in the subject line. Please include names of all attendees and a contact number for COVID-19 contact tracing.

Details:

This excursion will take place on the private property of Ian and Chrissie McMaster, which includes a 100ha Nature Refuge on the western side of Mount Mellum. The terrain varies from flat to very steep, with sandstone cliffs and waterfalls in the deeper gullies, so there are plenty of options to test enthusiastic explorers of nature.

About 80% of the property is natural bushland, on a variety of different soils, with black basalt derived soils on the mountain, sandstones on the western and northern slopes, and alluvial silts derived from both soils in the creek systems further down. These soils support a mix of subtropical lowland rainforest, wet sclerophyll dominated by flooded gums, and drier sclerophyll dominated by blackbutt and tallowwood. The varied soils and aspects mean there are lots of different plants, with about 500 species recorded here. Consequently, many different birds are seen here, along with the usual range of mammals and reptiles. Of particular interest are a significant number of old growth eucalypts with big hollows that host a population of greater gliders.

Note that some of the outing will involve traversing steep slopes and in some places scree. However, there are options for those less able.

The owners can provide lists of plant, birds, and pretty much anything else - except fungi. Members will have to ask Gretchen for advice on that one! Please bring some food for the day and water.

Directions:

From Brisbane:

- Come up Steve Irwin Way to Landsborough then after you cross the railway line take the Maleny road
- At the first roundabout, turn left into Gympie St. South
- Then take the first right into Lower Mt Mellum Rd
- Go up the hill for about 4km, then take the first turn left into Mt Mellum Road
- Follow Mt Mellum Road to the end (2km). When the bitumen ends, there is a turning circle with mailboxes, and a track to the left of the mailboxes. Take that track. The road ends at our front gate, and it is another 200m down the driveway to the house.

April 21: Date Claimers

Easter 2021- Easter Thursday 1 to Easter Tuesday 6 April 2021

Location to be decided - please check the QNC website closer to the date for further details

April 21 (Saturday) : JC Trotter Memorial Park

Date and time: 08:30 on 24 April

Leader: Susan Nelles

Contact: 0487 202101 zefarella@icloud.com

Directions: JC Trotter Memorial Park, Cherbon St., Burbank. Drive approximately 700m along Cherbon St to the entrance on the left, then park along the road.

Register: by email to excursion@qnc.org.au with JC Trotter Park in the subject line. Please include names of all attendees and a contact number for COVID-19 contact tracing.

Details: This is a beautiful, varied forest, 82 hectares, so come and enjoy the partly shaded track, all fairly easy walking, mostly flat, on gravel or sand. Full loop is about 3.5 km. We'll meander along to the Tingalpa Reservoir, whose water level has dropped significantly in recent years and look at the regrowth of native plants and weeds. There can be great birding - swans, pelicans, water birds, raptors etc. Insects abound especially dragonflies, interesting fungi seasonally, and koalas, wallabies at times.

It is botanically rich and diverse, with many Myrtaceae, Allocasuarina, Xanthorrhoea, pea flowers, sedges, grasses etc. The local U3A botany group has a plant list of 172 species, which will be available to those who attend.

Please bring a chair, all drinking water, and morning tea and lunch. Bring your morning tea to carry. We will likely return to the carpark area for lunch, which will be at an area with some covered tables and benches, located about a 5-10 min walk from the car park.

No toilets, nearest at a Caltex petrol station.

Bring your hat, sunscreen, binoculars. Unwanted insects are rarely a problem.

May 21: Date Claimers

May Long Weekend -Friday April 30 to Monday 3 May 2021.

Location to be decided - please check the QNC website closer to the date for further details

May 14, 15 and 16, 2021 Cooloola BioBlitz

Possibility of QNC involvement – if interested in coordinating or participating, please contact Barney.

EXCURSION REPORTS

December 5 – Colleges Crossing – Peter and Leith Woodall

The QNC's Christmas break-up was held at Colleges Crossing, Chuwar on 5 December. Eighteen members attended and most arrived early for a walk around the lagoon starting at 7.30 am. The early start was welcome as it was a bright sunny day and it soon warmed up as the sun rose. By 10 am, we had returned to the shelter sheds where we enjoyed breakfast in the shade with much good conversation.

The natural history was also good: we recorded 42 species of birds with some highlights being glimpses of a Buff-banded Rail and a Striated Heron. More obliging were Chestnut-banded Mannikins, feeding on the South African pigeon grass *Setaria spacelata* and a small group of Comb-crested Jacanas which were displaying noisily and showing off their brilliant red crests in the sun. A pair of Eastern Osprey and a White-bellied Sea-eagle kept the waterfowl alert.

Insects were also plentiful as the morning warmed up. We recorded seven species of butterflies and ten species of odonata. Among the latter, Blue River Damselflies *Pseudagrion microrcephalum* and Black-faced Perchers *Diplacodes melanopsis* were particularly common. Other insects of interest were a wasp digging a hole in the soft riverbank, probably Black Digger Wasp *Sphex cognatus* and a Braconid Wasp (*Callibracon* sp.) that had been caught by a spider.

The larger trees such as River She-oak *Casuarina cunninghamiana* and Weeping Lillypilly *Waterhousia floribunda* provided welcome shade. Of interest to the botanists were Yellow Kamala *Mallotus discolor* and Whalebone Tree *Strobilurus brunonianus* in fruit.

Bird lists can be found at <https://ebird.org/checklist/S77290079> and <https://ebird.org/checklist/S77289899> and some more images at https://www.inaturalist.org/observations?on=2020-12-05&place_id=any&subview=grid&user_id=nyoni-pete

Thanks to everyone for coming and making it a very enjoyable day.
Peter Woodall



Braconid Wasp *Callibracon* sp.



Red-backed Fairy-wren



Black-headed Skimmer



Yellow Kamala - *Mallotus discolor*

December 22 – Green Mountains/O'Reilly's – Greg Neill

Due to Track closures and inclement weather, the proposed Bullant spur walk had to be called off. However a party of 10 QNC members and Bushwalking Adventures Qld members headed off to the old Forestry camp (with Ranger permission) then followed the circuit trail to Lyrebird Lookout and back to O'Reilly's. We finished the 11 km just as a large downpour hit!

Two young Naturalists spotted two Red-bellied Black Snakes and one large Carpet Python on the walk.



Forestry Camp Lamington NP in the 1960s (above) and the same site in December 2020 (below)



Morans Creek camp – Track construction base campsite

The posts, concrete and rock walls are remnants of one of the long-term bush camps used by the track teams that constructed the walking tracks throughout Lamington National Park (NP). The corrugated iron galley was used for cooking meals.

Morans Creek camp was established in the 1930s and operated until the late 1960s. From here, track workers and rangers were responsible for constructing and maintaining the extensive walking track system for which Lamington NP is world renowned.

In 1939 there were 56 men employed in the park, almost exclusively carrying out track construction work. At this time Australia was still recovering from the Great Depression and unemployment rates were high and wages low. During the week men lived in tents at these bush camps. Food, work gear and supplies were carted in to the camp at the start of the working week.

ITEMS OF INTEREST

WORLD SCIENCE FESTIVAL 24 – 28 MARCH 2021

After the 2020 event was cancelled due to COVID-19, the Queensland Museum presents the World Science Festival in Brisbane from March 24 – March 28 2021. For more information phone 07 3842 9103 or see the website <https://www.worldsciencefestival.com.au>

COOLOOLA BIOBLITZ – 14, 15 AND 16 MAY 2021

A BioBlitz is an intense period of biological surveying in an attempt to record all the living species within a designated area. Groups of scientists, naturalists and volunteers conduct an intensive field study over a continuous time period. For more information on the 2021 Cooloola BioBlitz here is the website <https://www.cooloolacoastcare.org.au/projects/bioblitz>

BUGS AND BEADS

Vivian Sandoval is an entomologist working with insect-fungi interaction, the Secretary of the Queensland Mycological Society and a councillor of the Entomological Society of Queensland. She funds her own research projects through sales of the fungi/insect-inspired jewellery and collectables she makes. Vivian's jewellery will be available for purchase at General meetings.

Vivian created "Bugs and Beads" to promote the connection between insects and fungi, arts and crafts. She designs and makes jewellery and collectables and promotes the work of local and international artists.

For more information, visit www.bugsandbeads.com or follow [@bugsandbeads](https://www.instagram.com/bugsandbeads) on Instagram and Facebook.

NATURE NOTES

While spending a relaxing Christmas period at Green Mountains/O'Reilly's, Greg Neill observed flocks of White-headed pigeons feeding happily on *Cinnamomum* sp. He thinks *Cinnamomum virens* because of the time of year it was fruiting but would be happy to hear of other suggestions.



NATURE NOTES (CONTINUED)

Sandy Islands (including Cooloola) Odonata Observations

By Greg Neill & Doug Smith

Even though the annual Cooloola Bioblitz 2020 was cancelled because of COVID-19, a small group of QNC members visited Rainbow Beach in March 2020 and made several visits to beautiful Poona Lake and also to Seary's Creek, Teewah Creek and Inskip Point. We made numerous observations of plants, birds and insects - particularly various Odonata from Lake Poona. On submitting these observations to iNaturalist we realised how few records there were of Odonata in the area. Further investigation on iNaturalist and [Atlas of Living Australia](#) (ALA) confirmed that there was a deficit of data concerning Odonata in these sandy regions. The ALA includes data from many different databases although we acknowledge there will be other survey data unknown to us. In any case our interest in this topic grew. There was, of course, further motivation provided by the QNC preparing a publication on Odonata in the South East Qld Region in memory of Dennis Reeves.

Consequently, in mid-October Doug and Greg visited Fraser Island and Cooloola over 12 days. On Fraser Island, focussing on Odonata, we surveyed most of the lakes and streams from Lake Allom to Lake Boomanjin. Prior to our visit Fraser Island had only recorded [15 observations of 10 species in iNaturalist](#), most being in the vicinity of Kingfisher Bay resort. During our visit we made [72 observations of 12 species](#)

increasing the number of Odonata species recorded in the area by 7 and also building up an idea of the relative abundance of each species. While we observed many of the usual suspects, including Fiery Skimmer (*Orthetrum villosivittatum*), Scarlet Percher, Wandering Percher (*Diplacodes haematodes*), Common Bluetail (*Ischnura heterosticta*) and Common Glider *Tramea loewii*, the most dominant species by far was the Brownwater Skimmer (*Orthetrum boumiera*). Interestingly, at Lake Allom there were dozens of Brownwater Skimmers although the frequency of observations declined the further south we went until at Lake Boomanjin we saw none. We also observed and photographed the Dune Ringtail (*Austrolestes minjerriba*) and Blue Spotted Hawker (*Adversaeschna brevistyla*).

While Doug was concentrating on recording Odonata, Greg was looking for anything else of interest. In particular we were delighted with a rare sighting of a Painted Button Quail—only recorded once before on the Island according to iNaturalist. We also saw a number of Pacific Emerald Doves and White-headed Pigeons. Upon uploading the observations to iNaturalist (that then flow into ALA), we found that some of our ancillary observations were first records for the Island in that dataset. One of the new records was for the Blue Triangle Butterfly (*Graphium sarpedon*).

We continued the survey through the Cooloola section of the Great Sandy National park and were rewarded with a rare sighting of a Coastal Petaltail (*Petalura litorea*). Greg photographed a female on one day and Doug nabbed a male a few days later.

If anybody from the QNC is interested in pursuing any species that inhabit these sandy regions we would be happy to hear from you with a view to further exploration.

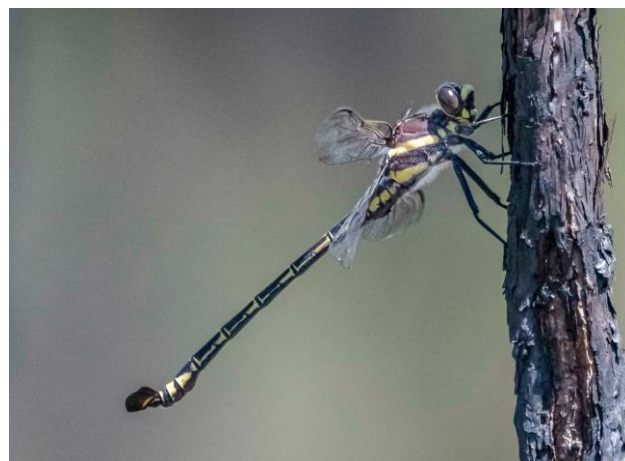
PostScript

The Fraser Island fire commenced while we were on the island although we saw no evidence of it. How and if the fire had an impact on the Odonata of the Island would be an interesting exercise in itself. Because of a lack of data pre-fire in iNaturalist, it would be interesting to see how the numbers change during post fire recovery. We did not survey the many lakes in the north of the island in the area where the fire commenced.



[Coastal Petaltail *Petalura litorea*](#) (female) G Neill

A note from iNaturalist commentator re the tail deformity: “because the bend is straight (along its length) I think it most likely happened during mating. I think if it was confined when emerging then it is more likely for the tail to be bent sideways (which I have seen) and perhaps the wings wouldn't be so neat either.”



[Coastal Petaltail *Petalura litorea*](#) (male) D Smith

ODONATA PHOTOS FOR GUIDEBOOK

Dragonfly and damselfly photos

By Sally Johnsen, Barney Hines, Chris Burwell, May-Le Ng and Doug Smith

The QNC is still seeking photos from club members to illustrate a guidebook of the dragonflies and damselflies of southeast Queensland to be produced in memory of the late Deniss Reeves. Deniss was a former QNC President and long-term member who had a passion for dragonflies and damselflies. He devoted his life to raising community awareness and the understanding of them. He collected numerous specimens which he donated to the Queensland Museum and other scientific institutions.

In memory of Deniss, and with some of the generous bequest received from his estate, members of the club are working towards producing a guide for budding naturalists to learn about these insects. In addition, the guide will encourage younger naturalists in the pursuit of natural history, according to his wishes.

The club has already received many photos and we thank members who have contributed to date. However, the objectives of the final publication have changed somewhat and we are aiming for a more comprehensive coverage of each species—including juveniles, males and females—and consequently need more images. Furthermore a greater number of images will facilitate a higher quality end product. Images need to be high quality, sharp and of a high resolution, suitable for publication. We will welcome pictures of any species native to the area (especially female damselflies), but in particular we are looking for more suitable images from the following species:

Forest Darner, *Austroaeschna pulchra*

Sigma Darner, *Austroaeschna sigma*

Northern Evening Darner, *Telephlebia cyclops*

Swampwatcher, *Agrionoptera insignis*

Wandering Glider, *Pantala flavescens*

Coastal Petaltail, *Petalura litorea*

Golden Flatwing, *Austroargiolestes chrysoides*

Aurora Bluetail, *Ischnura aurora*

Having the following information for each photo would be beneficial but not essential.

- **Photographer's name**
- **Species if you know it (not essential)**
- **Date and time of observation**
- **Location description and, if possible, coordinates and datum**
- **Habitat type**
- **Any other notes from your observation**

Photographers agree that the Club may use their photos for the project, including materials relating to the project. QNC may crop photos for display but copyright remains with the photographer and all photos used will be credited to the photographer. We would like to thank people who have already contributed. If you would still like to contribute photographs to the project, please email Doug Smith sdoug7405@gmail.com and Doug can assist you in importing your photos into the club's Pics.io account.

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.