

QNC NEWS

Newsletter of The QUEENSLAND NATURALISTS' CLUB INC.

No. 343 March-April 2019

facebook

www.qnc.org.au

Print Post Approved: 100003858

CONTENTS

Council News	2
General Meetings	3
Meeting Reports	4
Exhibits	5
Excursions	6
Excursion Reports	8
What Else Is On?	10
Of Interest	11





PROGRAMME

General Meetings:

General Meetings.				
March 18	Dr. Chris Burwell Australia's dragonflies and			
	damselflies and Deniss Reeves' contribution to			
	their study			
April 15	Don Marshall 1919 QNC Expedition to Lamington			
Excursions:				
February 22	Samford Ecological Research Facility			
March 24	Gold Creek Reservoir			
April 19–22	Easter long weekend – Ballow View Nature			
	Refuge and beyond			
May 4–6	Long Weekend Camp			
May 26	Ben Bennett Bushland Park			
August 5–14	Long Excursion 2019			

CLUB CONTACT DETAILS

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

President: Secretary: Treasurer: Excursion Secretary: QNC News Editor: Ms Sally Johnsen Ms Judy Haines Mr Mike Anderson Mr Barney Hines Ms May-Le Ng

Ph: 0402 236 359 Ph: 07 3263 4502 Ph: 07 3720 9414 president@qnc.org.au secretary@qnc.org.au treasurer@qnc.org.au excursion@qnc.org.au news@qnc.org.au

Deadline for News items – 15th April for May-June 2019.

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

Call for volunteers at the World Science Festival March 23–24 QNC stand

The World Science Festival, themed Life on Earth, will be held at the Queensland Museum on March 23–24. At least 90,000 people are expected to attend each day over the weekend.

The Club will by joining the Royal Society of Queensland (RSQ) stand. This is a great opportunity to showcase the QNC and encourage new memberships. Enthusiastic and friendly volunteers are needed at our stand.

We will have a poster linking QNC with the theme and with the Queensland Science Network, of which QNC and RSQ are members. Our display will be 'hands-on', with an assortment of marine sea shells for people to touch and accompanying information. QNC information and membership forms will also be available.

The stand will be open from 10AM to 5PM on Saturday 23 March and Sunday 24 March, with set-up prior to 10AM. Volunteers are required to commit to at least one 2 hour shift so that there is always someone present at the stand. Only one volunteer is required at a time as there is insufficient room at the stand for more than one volunteer. Volunteers are to wear their QNC name badges while working the stand.

To volunteer, please contact Tony Van Der Ark, The Royal Society of Queensland Membership Coordinator, on 0412 152 516. Alternatively, James Hansen can be contacted via Council.

SALE QNC Calendar 2019



The Club's 2019 calendar features winning photos from the photographic competition run during the October 2018 General Meeting. Calendars are now selling for only \$5 picked up from the Treasurer or \$7 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. There are less than 30 copies left so get in quick.

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 any other member of Council.

New Members

We always welcome new members, encourage your friends, family and colleagues to join us in appreciating, learning and sharing our natural history experiences.

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 (<u>librarian@qnc.org.au</u>) 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.

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).

April 15	Reception:	Joe Reichman and Coral Reichman
	Supper Duties:	Could this be you?
May 20	Reception:	Barry Jahnke
	Supper Duties:	Could this be you?

Thank you to the volunteers at the Annual General Meeting, including Jeanette Watson, Murray Watson, Barbara Braddock and all those who brought plates of food and assisted with the room set up and clean up.





Watching rainbow bee-eaters and azure kingfishers Cullendore High Country Photo: May-Le Ng

Red-bellied black snake Cullendore High Country Photo: May-Le Ng

COMING UP

Monday 18 March

Dr. Chris Burwell

Australia's dragonflies and damselflies and Deniss Reeves' contribution to their study

Chris will also lead an excursion the following weekend, 24 March, to Gold Creek Reservoir.

Monday 15 April

Don Marshall

1919 QNC Expedition to Lamington

Please check the Club website for updates about this meeting.

MEETING REPORTS

Annual General Meeting: 18 February

Queensland Natural History Award

The Queensland Natural History Award is presented annually by the Queensland Naturalists' Club Inc. to give recognition to people who have made outstanding contributions to natural history in Queensland. It has been awarded since 1992.

The award consists of a medallion featuring the Bunya pine tree set in a polished block of Bunya pine timber. The Bunya pine (Araucaria bidwillii) is endemic to Queensland and is the symbol of the Club.

The award was presented to Carla Catterall, Professor Emeritus in environmental sciences. Carla is based at Griffith University, Brisbane, where she taught ecology and environmental management from 1977 to 2017. Carla has conducted research with colleagues and students to investigate the processes of forest clearing and restoration, how plants and animals in the wild respond to these and other environmental changes, and how a diverse flora and fauna might be encouraged to persist within landscapes used by people. For the past 20 years, she has led research projects investigating ecological processes and outcomes involved in different techniques for rainforest restoration.

Carla's work has produced around 200 publications in scientific journals, publicly-available formats for land managers and the wider community, and consultancy reports. She has delivered more than 100 invited public talks on biodiversity, conservation and restoration, and has contributed significantly to public debates on these issues. Carla received the 2009 Serventy Medal for ornithological research and is a past president of the Ecological Society of Australia. She has served on the management committees of three scientific societies, the editorial teams of three scientific journals, and numerous government or community advisory bodies.

Presidential Address: Introduction to some "Threatened Species" of the Northern New England Tablelands

The New England Tablelands Bioregion is one of Australia's 89 Interim Biogeographic Regionalisation for Australia (IBRA) Bioregions, large geographically distinct bioregions based on common climate, geology, landform, native vegetation and species information. Neil's talk focused on some threatened species known from the Tenterfield Plateau, a sub-region in the northern New England Tablelands. The Tenterfield Plateau mostly drains westwards to the Murray-Darling Basin, with the area east of the Great Dividing Range draining towards the Clarence River. The predominant winds are from the east and the eastern side of the range is therefore wetter than the western side. Granites dominate the geology of the Tenterfield Plateau.

Threatened species are defined differently under different jurisdictions but in New South Wales, the Biodiversity Conservation Act 2016 applies the Common Assessment Method (CAM) for defining the conservation status of species using the International Union for Conservation of Nature (IUCN) criteria. Neil found that this method is quite prescriptive and requires in-depth scientific knowledge to justify a classification.

Neil spoke about four of the threatened species of the area: Pimelea venosa (Bolivia Hill pimelea), Eucalyptus scoparia (Wallangara white gum), Pseudomys oralis (Hastings River Mouse) and Acacia pubifolia. 4

The conservation stories behind these four species highlighted that it is hard to know what to do when knowledge about a species is absent; what we don't know about a species is important; we should not take species for granted as they can be lost forever; and the threatening processes caused by human interference, such as introduced species, clearing, erosion and changed hydrological and fire regimes, are often common between species.

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 (<u>web@qnc.org.au</u>)
- Our Facebook page Leith (<u>facebook@qnc.org.au</u>)
- The QNC News May-Le (<u>news@qnc.org.au</u>).

February Meeting Exhibits



Acacia pubifolia Photo: Neil Fordyce



Pimelea venosa Photo: Neil Fordyce

Neil Fordyce brought some samples of *Pimelea venosa* and *Acacia pubifolia* to accompany his presentation. **Harry Hines** reported on the extent and potentially devastating effects of current bush fires in protected areas around southern Queensland. It will be interesting to follow the impacts of these fires and recovery of the impacted areas.



Hunting Cullendore High Country Photo: May-Le Ng

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

February 22: Samford Ecological Research Facility

16:00-20:00

Leader: Matt Phillips (0466 361 826) and Barney Hines excursions@qnc.org.au

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 very active member. Long standing members may recall visiting Pat's property in the early 1980's for QNC breakups.

The outing will involve a walk around the property, followed by a supper and hopefully some moth trapping. Bring a picnic meal.

Lots of information is found on the SERF website, including articles from the QNC: <u>http://www.serf.qut.edu.au/</u> The club's last outing to the site occurred in 1993 and is described here:

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

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.

Allow approximately 40 minutes from the Brisbane CBD.

Registration: Please register as access and times still need to be confirmed.

March 24: Gold Creek Reservoir

09:00

Leader: Chris Burwell

Following on from his talk earlier in the week (Monday 18 March), Chris Burwell will lead an outing to Gold Creek Reservoir, at the end of Gold Creek Road, Brookfield, in search of dragonflies and damselflies. The reservoir itself has a diverse fauna of species that breed in standing waters and Gold Creek, which snakes through riparian rainforest below the dam wall, features many species dependant on flowing water. Come and try your hand at capturing these aerial predators with hand nets, although we are unlikely to be collecting specimens. There should also be plenty of opportunities for photography. Binoculars are also strongly recommended, which can also be used for birding; almost 200 bird species have been recorded from the reservoir and surrounds.

Directions: Meet at the carpark at the very end of Gold Creek Road at 9:00am.

Registration: Registration & further inquiries either by email <u>excursion@qnc.org.au</u> with the subject 'Gold Creek Reservoir'.

April 19–22: Easter long weekend – Ballow View Nature Refuge and beyond

Good Friday to Easter Monday

Leader: Barney Hines 3720 9414; 0420 351 801 (Optus).

The Easter camp will return to Ballow View Nature Refuge, but with excursions beyond into neighbouring properties and Mt Barney National Park. This property is familiar to many members as the club ran wildlife surveys over three visits between March 2013 and July 2015 and results were subsequently published in the journal (Rowland et al. 2015 Qd. Nat. 53: 49-80).

The Club now has access to neighbouring properties, which border parts of Mt Barney National Park. It is likely that we will have excursions down to a tributary of Burnett Creek with bluffs, rock holes, riparian forest, hoop pine forest and other communities. A separate further excursion may be made to features adjacent to the NSW border. Swimming holes may be a feature of some excursions.

We will use the same campsite as previous. It is situated on a ridgeline of tall open forest with some shade and is suitable for both tents and camper trailers. QNC pit toilets will be in use (volunteers always welcome to help set them up). Open fires are not permitted, however the club may have a central fire for the evenings, depending on conditions. Telstra mobile phone coverage is present at the campsite. Limited drinking (tank) water is available, however club members are encouraged to bring their own supplies where possible.

Participants are welcome to arrive early (Thursday afternoon) and depart late (Tuesday morning) if they wish to avoid Easter traffic. If you wish to do so, please arrange with the leader as the first arrival will need the keys to unlock gates.

The camp will be capped at 50 participants, so please register early to avoid disappointment.

Directions: Directions to the camp will be provided upon registration.

Registration: Register by e-mail to <u>excursion@qnc.org.au</u>

May 4-6: Long Weekend Camp

The club is likely to hold a camp over this long weekend. Details will be posted on the club website.

May 26: Ben Bennett Bushland Park

Sunday 8:30 AM

Leader: Lil Spadijer 32713160 (or leave a message on 0432111760)

This bushland is close to the centre of Caloundra. The park and adjacent botanical garden have five different natural habitats to explore: lowland rainforest, open Eucalypt forest, wet and dry heathland and Melaleuca woodland. There are self-guided walks from 800 m to 1100 m in length (return), including a little climb. It is a great place for birdwatching but be early as you won't see any birds during the day. Hopefully, there will also be some fungi. Scribbly Gum and the giant Tallowwood dominate the area.

There is plenty of parking but be early as the park is also used by the locals. The park has toilets, tap water and BBQ.

Directions: As for Caloundra township; past Nicklin Way, continue on Bowman Rd, turn left into Queen St. The entrance is on the left. UBD Sunshine Coast p.100

August 5–14: Long Excursion, location to be confirmed

This is a date claimer for the long excursion this year. The desired destination is Diamantina National Park, pending road conditions for getting into the park after the flood waters recede. If access into Diamantina NP is not safe, then we will visit another western location that has recently benefitted from rain and/or flood, but that has safe road access.

EXCURSION REPORTS

December 8: Christmas Break Up at Minnippi Parklands, Tingalpa

Peter and Leith Woodall lead a lovely outing with a walk around the wetlands followed by picnic breakfast in the shade. A highlight was watching several comb-crested jacanas. There were males on nests and juveniles nearby. Overall, there was a good turn out and we enjoyed birding in the pleasant weather.

January 25–28: Cullendore High Country

Despite the predicted hot weather for the weekend, 27 people attended the campout at Cullendore High Country. The property is showing the effects of a prolonged dry period but nevertheless, the efforts of the group turned up some natural history surprises. The days were very hot in the middle of the day so our natting took place early morning and later in the afternoon. Thankfully the nights cooled down.

The standout natural history items of the weekend were the insects, with excellent sightings of butterflies (16), damsel and dragonflies (10) and not forgetting Peter's trapping efforts with thirty different moths and numbers of grasshoppers, lacewing, bees, ants, flies, beetles and spiders.

Highlights among the butterflies had to be the Imperial Hairstreak (*Jalmenus evagoras*) with the larvae, chrysalis and attendant ants and the distinctive patterning of the Clearwing Swallowtail (*Cressida cressida*).

Conditions were perfect for the damselflies and dragonflies, with hot dry weather and low water levels in various watering spots. We also had good sightings from banks and, with the help of the catches from Murray's butterfly net, had excellent close up looks. The Australian Tiger (*Ictinogomphus australis*), Graphic Flutterer (*Rhyothemis graphiptera*), and the Blue and Fiery Skimmers (*Orthetrum caledonicum & Orthetrum villosovittatum*) were all out and about.

While most of the party were resting on one of the banks of a watering point, a red-bellied black snake (*Pseudechis porphyriacus*) was spotted on the opposite bank looking down holes. It just as silently disappeared.

Considering how dry it has been, the bird list kept growing over the weekend, with lots of keen eyes keeping a record. We were lucky to have watering holes to observe water birds including Australian wood ducks, Australasian darter, white-necked heron and white-faced heron. A Latham's snipe was spotted and some little button-quail flushed. A standout sighting was the azure kingfisher looking for a meal over the waterbody and the rainbow bee-eaters hawking for insects in the later afternoon. The group found a magical little hidden waterhole, with leaden flycatcher, red-browed finch, crimson rosella, superb fairy-wren, white-naped honeyeater, white-winged chough, Lewin's honeyeater, eastern spinebill, bar-shouldered dove, silvereye and yellow-faced honeyeater all either bathing or drinking. There were also common brown, glasswing, lesser wanderer, common grass-yellow and orchard swallowtail butterflies flitting amongst the lush undergrowth beside the creek.

In total, 89 bird species were recorded by the group over the time spent around the property. Fifteen species were seen when we visited Maryland National Park. The standout here was the family of yellow-tailed black-cockatoos coaxing a juvenile bird away from our group.

Our group was just as observant with seeing and recording the flora in the places we visited on the property. In total seventy-five species, including ferns, weeds, vines, grasses, trees, shrubs and native wildflowers, were recorded. A lot of species were just holding on and some were struggling in the heat, including the tough common bracken (*Pteridium esculentum*). The broad-leafed apples (*Angophora subvelutina*) were just about finished flowering but were still providing some food for the birds. A complete list of plant species recorded is available on the Club website.

Many thanks to the chief recorders of species: Wendy for insects, amphibians, mammals, reptiles and birds and Judy for the flora. Thank you to everyone else for contributing and sharing the outing.

Murray and Jeanette Watson



Superb fairy-wren : Murray Watson



About this big Photo: May-Le Ng



Yellow-tailed black-cockatoo Photo: May-Le Ng



Eastern sedgefrog Photo: Murray Watson



Men at work Photo: May-Le Ng



Azure kingfisher Photo: May-Le Ng



Red-necked wallaby Photo: May-Le Ng



Australian tiger dragonfly Photo: Murray Watson



Graphic flutterer dragonfly Photo: Murray Watson

WHAT ELSE IS ON?

Queensland Conservation Council Photography Awards

There's nothing as powerful as a photograph to inspire emotions and motivate people to action. QCC has launched the Queensland's Natural Wonders Photography Awards as part of their 50th Anniversary celebrations to recognise and celebrate the power of images, and the importance of photographers, in protecting our natural world.

There are fantastic prizes up for grabs, including a weekend for two at one of Queensland's top eco-resorts for each of the three category winners, and vouchers for adventure and photography equipment for runners-up and junior prize winners.

Be quick, entries close Friday 8th March 2019. See <u>https://www.queenslandconservation.org.au/photocomp</u> for details.

The best photographs will be showcased at QCC's Natural Wonders Awards Night on Saturday 6th April in Brisbane. Tickets for this glittering event go on sale soon.

Hastings River Mouse Survey March 25–29

National Parks and Wildlife Service NSW may be requiring volunteers to assist with a Hastings River Mouse survey. Please contact Neil via Council if you are interested in volunteering.

BioBlitz at Mary Cairncross 28–31 March 2019

Please contact Liz Capelin at the Centre for Conservation, Learning and Partnerships (<u>liz.capelin@sunshinecoast.qld.gov.au</u>) for more information and to get involved.

Cooloola BioBlitz 17–19 May 2019

The Fraser Island Defenders Organisation and Cooloola Coastcare are looking for participants in the Cooloola Bioblitz. The BioBlitz is a 48 hour (3:30PM Friday to 3:30PM Sunday) period of biological surveying in an attempt to expand the records of all the plant and animal species within the Cooloola Coast. Scientists, naturalists and volunteers conduct the survey in small groups.

Participants can come for one day or the whole weekend and will be based at Rainbow Beach Community Hall.

The surveyed area will include diverse, magnificent and pristine natural environments such as beach, bush, lakes, estuaries, sand blows, perched lakes and fens. There will be free scientific presentations open to the public. Contact Lindy Orwin (coordinator@cooloolacoastcare.org.au or 0478 039 322) or visit tinyurl.com/bioblitz2019.

Butterfly and Other Invertebrates Club Inc General Meeting

10AM Saturday 23 February 2019 at Toohey Forest Eco Centre, Griffith University, Nathan Campus

Guest speaker Chris Sanderson, Butterflies Australia Project

Chris is a post graduate from ANU currently based at UQ. The Butterflies Australia Project has been created to establish the first national database of expert validated butterfly sightings data and an associated citizen science programme to enable the creation of a community of butterfly enthusiasts with the skills and knowledge required to collect and submit this data. His project offers citizen scientists the opportunity to be part of a team collecting data and records of butterflies within our country. Come along and hear how you can be part of this exciting project.

RSVP to Dawn Franzmann (<u>berndawn@gmail.com</u>) or Ross Kendall (<u>admin@butterflyencounters.com.au</u>) by 21 February 2019.

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 March 2019 Conservation of Eucalypts Rod Fensham, Queensland Herbarium
8 April 2019 Large-footed Myotis (*Myotis macropus*) roost selection in concrete culverts in Brisbane Vanessa Gorecki, Queensland University of Technology

The Hut Environmental & Community Association Inc. (THECA) Meetings

General meetings are usually held at The Hut, 47 Fleming Road, Chapel Hill, at 7:00 PM on the fourth Wednesday of each month from February to November. www.theca.asn.au

27 March 2019 Talk by Monica Awasthy: Sharing Spaces - Birds in the Backyard Program

April 2019 Check the website for updates

OF INTEREST

Goodbye Bell Miners!

The sudden magic of an unexpected bird hotspot delighted me this morning as I returned from a mostly birdfree loop through Gap Creek Forest in West Brisbane. Watching an olive-backed oriole feeding a well-grown juvenile – apparently stuffing it with ochna berries- I noticed a group of variegated fairy-wrens, a white-browed scrubwren and then a pair of large-billed scrubwrens ferreting in and around a tangle of leafless lantana - I think sprayed by council. Then a spectacled monarch, a willie wagtail and a couple of sparring rufous fantails, a white-throated treecreeper, an eastern whipbird and a calling Lewin's honeyeater emerged along with an eastern yellow robin eyeing off the swaggering wagtail. Apart from this sudden variety of bird life in what looked like an unpromising, sprayed area, the extraordinary thing is that six months ago this area was the exclusive domain of the taunting calls of bell miners. Normally I avoided the Bellbird Trail, as it is known, because of its dreary avian monoculture, but I had noticed their absence a few weeks ago and had another regular user of the area enquire of me what had happened to the eponymous birds. It must have been a long-standing colony to have a trail named after it. Although I suspect they have only moved over the road to another area of forest, I was thrilled to see the resurgence of bird diversity so soon after the lot became "vacant". It is good to see how the natural world can rebound from destructive forces, if it is fair to characterise a bell miner colony in that way. The spot was only 180m from the car park at the junction of the Cockatoo and Bellbird Trails for anyone local and interested.

Judy Haines

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.				
٠	By EFT				
	Please transfer pay preference to treat	yment to the following bank account and email your details and newsletter surer@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.					