

Townsville and District Beekeepers Association (Inc.)

www.beesnorth.com.au

PO Box 1115, Aitkenvale QLD 4814



Newsletter No 1, February 2021

In this Issue

- Frana and Jon get a gong, native bee workshop details
- Varroa free status in view, native bees in our backyards
- Beginner beekeeper course, minding your own beeswax
- Bees on the Internet, David Turnbull's bee gear for sale
- Xmas lunch at The Bohle
- New Members, Club officials contacts
- New Sugar shaking form and jars
- Club Shop – New price list

Next Meeting:

Sunday 21 February, 10:00 am

3/38 Rendle St, Aitkenvale

BBQ to follow meeting

Bring a chair. Tea, coffee, milk etc available

We will be using current COVID safe procedures, as appropriate

Free chats and discussion

Frana and Jon recognised for their passion for bees and service to the Club and community

Below is an edited version of the submission Shane Grist knocked up and submitted for the Australia Day Nomination award for Frana and Jon McKinstry. Good work Shane, it obviously convinced the panel.

Frana and Jon McKinstry have been an integral part of the Townsville and District Beekeepers Association for more than a decade, and in that time they have mentored countless members and built the club up to more than 400 members. Frana is currently the Treasurer, Membership Co-ordinator, Chief Club Shop Steward and volunteer organiser, and with Jon works tirelessly to pass on their knowledge and passion for beekeeping to the next generation of beekeepers.

Jon and Frana also provide beekeeping advice and host regular workshops for the JCU Veterinary Science students. Frana and Jon have also been involved in many Townsville City Council and community activities e.g. Ecofest, Bee Cause at Kalynda Chase and many, many school visits.

Frana and Jon are also passionate about rescuing native bees and passing on the rescued bees to local schools for school education programs. They also visit the schools to educate the students on native and European bees and how to protect our native biodiversity.

Frana and Jon also have liaised with the Queensland Department of Agriculture and Fisheries in the dissemination of information on the Asian honey bee and varroa mite incursions in Townsville, which has now effectively been eradicated following its initial discovery three years ago in Townsville.

New beekeepers are made to feel very welcome in the Club, and Frana and Jon greatly assist newcomers through their early days, and continue to be a font of knowledge and support. Any time a member of the Club or the wider community has any bee problems, be it with their own hives, a feral swarm or a native colony in need of rescue, Frana and Jon can always be relied upon to be there with expert guiding words and assistance to remedy the situation.

Frana and Jon are extremely passionate about the environment, honey bees and native bees. Their longstanding commitment to the Townsville and District Beekeepers Association and their willingness to mentor and teach both members of the Club and the wider community demonstrate that they are extremely deserving of an Australia Day Award, and all the praise the Club can bestow on them.

Thanks Shane for nominating our two very active and dedicated members.

Congratulations to Frana and Jon McKinstry.



Frana and friends, Jenny and Anna



Jon and Frana with their Australia Day Award

Biosecurity team as busy as, you guessed it...bees..... in 2020

In the Ed's opinion, Varroa mite introduction is still potentially one of the most serious threats to not only our backyard hobby beekeeping, but also to pollination services across Australia's fruit and vegetable production, beef and milk production, the almond industry, and honey and wax production, and a threat to our ability to produce organic honey. AND, the Varroa mite has been found on introduced Asian honey bees right here in Townsville. TDBAI members are encouraged to inspect their hives regularly for Varroa mite via the sugar shake or alcohol wash method, and report their findings to DAF. We can all be grateful for the work being undertaken in Townsville to detect and eradicate this pest. The program is under the leadership of Rob Stephens, who has summarized the work of the Varroa foot soldiers slogging it out and pounding the pavement, floating pheromone balloons, vacuuming pavements for Rainbow bee eater pellets and checked out hundreds of swarm and strange bee sightings from the Townsville public. Here is the wrap –up from Rob.

Dear TDBAI member,

As 2020 draws to a close, I wanted to take the time to thank you for your continued support of the National Varroa Mite Eradication Program and to report that, with no new detections of Asian honey bee or varroa mite since April 2020, the program remains on track to have eradication declared by 30 June 2021. Our staff will take a short break during the Christmas and New Year period from midday on 24 December 2020, returning to work on 4 January 2021 when surveillance activities, including managed hive inspections, aerial pheromone trapping, tracking of floral resources and analysis of pellets from rainbow bee-eater birds, will resume. Despite additional challenges due to COVID-19 restrictions in 2020, field officers and laboratory staff clocked up some remarkable statistics throughout the year in the fight to ensure Australia remains the only inhabited continent in the world to be free of varroa mite.

From 1 January 2020 to 15 December 2020, our staff have:

- * Walked some 8693 kilometres checking floral resources and making species confirmations.
- * Collected 68,711 pellets from rainbow bee-eater birds. These pellets contained more than 472,400 European honey bee wings and no Asian honey bee wings.
- * Responded to 569 reports of bees, nests and swarms from members of the public.
- * Completed 399 aerial pheromone trapping surveillances (ballooning) to check for drone bees.
- * Carried out 586 tests on managed hives as well as 493 sentinel hive surveillances.
- * Hand distributed more than 65,800 pieces of collateral to letterboxes within a 10 km radius of the Port of Townsville.
- * Made 15 targeted and organic social media posts with an average reach of more than 85,000.
- * Attended 11 markets including Cotters and The Strand Night Markets.
- * Provided 21 presentations to organisations including Townsville City Council, the Port of Townsville and the TDBAI.

Townsville apiarists continue to be integral to our program's success and I thank every one of our local registered beekeepers for their vigilance and conduct of self-assessments through sugar shakes, alcohol washes and drone uncappings.

Please keep them coming to varroa@daf.qld.gov.au

Our call centre will remain open on 13 25 23 during the Christmas period and an NVMEP staff member will be on call should you need to report sightings or the removal of feral colonies, swarms, Asian honey bees, or hives showing symptoms of exotic pests.

As always, if you would like more information about the program, or to arrange a demonstration of hive health monitoring techniques, please contact me on 0476 846 793 or robert.stephens@daf.qld.gov.au

Further information about the program is available online at www.biosecurity.qld.gov.au

Yours sincerely,

Rob Stephens

Program Leader, National Varroa Mite Eradication Program

Biosecurity Queensland (BQ)

Department of Agriculture and Fisheries (DAF)

Mining your own bees wax

There is no doubt that buying foundation for your frames is expensive, irrespective of whether it is plastic or wax. Since arriving on the Gold Coast 5 years ago, I changed from plastic to wax foundation, partly because everybody seems to prefer wax down this way, and partly because I discovered that bees actually prefer wax over plastic foundation, even if it has been properly washed in soapy water and coated in wax. Currently the club price for wax foundation is \$2.40 per sheet, so if you are buying them dozens at a time, that can add up pretty quickly!

Recently, I discovered that Quality Beekeeping Supplies in Sumner, Brisbane, offer a [wax milling service](#) where you supply them your clean yellow block wax and they give you the equivalent weight in sheets of previously-milled foundation, plus \$0.80 per sheet milling charge. You have a choice of two thicknesses: medium (15 sheets/kg), or heavy (12 sheets/kg). If you have wax lying around the home, that is certainly a cheaper way to go! I took 4.8kg of my cappings wax in last December and drove home with 57 beautiful sheets of heavy foundation.

So, next time you are passing through Brisbane, or you know of someone that is, why not bring your wax and return with a stack of foundation, enough for next season?

Come to think of it, wouldn't it be nice if the club could offer such a service? If you ask nicely and offer your help, who knows what might be possible?

From Ray Berkelmans on the Gold Coast



Lay down Sally, time to take a rest - first entry in the 2021 Bee Blooper Award

The Ed's hive on Willmet St took a bit of lay down during the wet period when one of the spindly timber stand legs gave way recently. The Ed should have secured the bases a bit better before he went away (again), and split the hive to reduce the 100kg hive weight sitting on top of the soggy ground. In times like these – “who you gunna call??” Obviously it has to be TDBA's best bee rescuers, Frana and Jon to the rescue (the Ed has some serious debts to repay this year). They picked up the hive, re-aligned the Emlok and top super (see bees escaping below it), and put the hive down on more secure footing. President Mick, can I get one of your super strong welded steel stands with extra wide feet please?

“Before and After” Photos - and rescue, courtesy of The Townsville branch of Bee Busters, Jon and the award winning Frana M.



Before



After

More about the benefits of bananas

Cavendish Bananas Increase Brood Rearing in *Apis mellifera*

Abstract

Cavendish bananas have been used for bee feed in various nations worldwide. In our previous review we analysed components found within the pulp and peel of the banana and compared to John Black's feeding recommendation from the book “Honeybee Nutrition: Review of Research and Practices” by the Australian Government Rural Industries Research and Development Corporation. Cavendish bananas contain sucrose, glucose and fructose sugars in modest concentrations. They are naturally low in starch, and almost free of starches when overripe. Bananas lack known toxic bee sugars. The mineral content is suitable for honey bees, and various levels are found within the pulp and the peel. Bananas are a rich sources of ash (peel) and potassium (pulp). Amino acids, lipids, cholesterol and sterols are not enough within the banana. Vitamins found within the banana are insufficient within the pulp, and no data on the peel was available. Phenolic compounds and flavonoids are present in bananas and they do provide antioxidant and antimicrobial properties. Dopamine and serotonin levels were present in the peel and twice as high in overripe banana peel. Amines within the banana have a major impact on honey bee colonies.

Some basic experiments were conducted in our previous review to see how honey bees will respond to banana exposure; their behaviour, feeding quantities, and seasonal feeding responses. In this study we were interested to see brood increase in packaged bees installed in nucleus hives. Our findings showed an 18% increase in brood over 30 days utilizing Cavendish bananas. Banana feeding is most beneficial during spring, dearth, or fall-winter preparation of the colony.

By Katharina Davitt

<https://drive.google.com/open?id=1p1fK3BxWjqq98sIHuXSe3XU7nGCteg1h> and if you want a beekeeper video <https://www.youtube.com/watch?v=nMterv51tUQ>

Share and share alike – native bees sharing with European honeybees

By John Carr

It's great to share. Here we see a large cactus flower bounty being shared by both honeybee (*Apis mellifera*) and our stingless (*Tetragonula hockingsi*). Both hives bee's shared without any evidence of conflict. It was interesting that the honeybees came and went fairly quickly the stingless bees seemed to have set up coffee shops and stayed wandering around the flower which was some 20 cm across!

So, there was plenty of food in terms of pollen and nectar.



Sharing the flower



Stingless bees going for dinner

Carpenter bees – *Xylocopa* sp

Australia's largest bee caught in action

Sandy Hutchison sent in these photos of the native female Great Carpenter Bee (*Xylocopa* sp.) Sandy had only just realised that her weeping teatree had become a home for our biggest bee – the native Great Carpenter Bee.

She was lucky enough to gather these 3 pics. Very nice pic of the bee with her face poking out of her nest hole in the first pic, and an action shot as she flies in on the right.



Roving bee fancier and JCU's Dr John Carr has Carpenter bees in his backyard too

It was with great joy to see over 30 carpenter bees enjoying the flowers of my Syzygium (lily pilly) tree.

There are over 500 species of (*Xylocopa*) Carpenter bees. This genus of bees are common throughout the world from North America, through Asia and Australia. But being common does not mean that we do not protect them and respect their rights. Being big is a problem as it makes the obvious to the public and being noisy the public can be alarmed. These are the biggest bees in Australia.

They nest in dead wood making a fantastic perfectly circular entrance about 16mm wide. Please encourage the general public not to fill these holes in with putty, in low numbers they seriously are not going to cause that much damage that the patio falls down!

Enjoy our native bees but keep a look out for the Asian Honeybee – *Apis cerana*!



Female Great Carpenter Bee in Balgal Beach. Note the shiny abdomen, yellow thorax hair and the central black spot in the middle of the thorax



Carpenter bee entrance to the nest. This single entrance may lead to a maize of tunnels. Carpenters lay a massive egg.

And if you want to get some great native bee info from the gurus, do yourself a favour and get a copy of The Cross Pollinator Newsletter (no, that's not about an angry bee) from Tim Heard,

ANBA President,

EML:: pres@australiannativebee.org.au

MOB:: +61 434 416 053

URL:: www.australiannativebee.org.au

Bees on the internet

A roundup of interesting articles on the internet about bees

1. Aveda removes beeswax, goes fully vegan

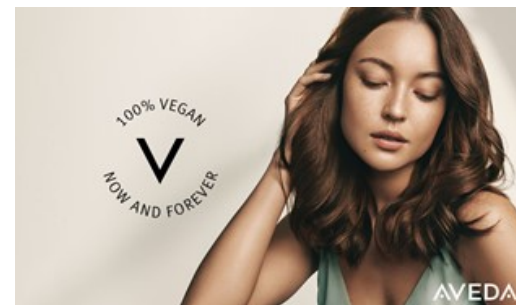
<https://www.beeculture.com/catch-the-buzz-aveda-removes-beeswax/>

By: Aruka Sanchir

The haircare and beauty brand removes honey, beeswax, and beeswax-derived ingredients from its products and partners with Veganuary to encourage employees and customers to go vegan in 2021. Today, cruelty-free haircare and beauty brand Aveda announced all of its products will be 100-percent vegan worldwide. More than 500 hair care, hair color, body care, makeup, and aroma products will now be free of honey, beeswax, and beeswax-derived ingredients. "Aveda was founded on an environmental mission, so becoming vegan was a natural next step for us to continue to lessen our impact on the planet," Christine Hall, Aveda Vice President of Research & Development, said. "We were further compelled to expedite the process when faced with the facts around the impact of animal-derived ingredients on the health of the planet."

The brand is also partnering with Veganuary to encourage its employees and customers to go vegan for the month of January, making Aveda the first United States-based beauty brand to support Veganuary's efforts.

<https://vegnews.com/2020/12/aveda-removes-beeswax-goes-fully-vegan>



2. Jobs for the Bees – err Boys?

Apimondia - the International Federation of Beekeepers' Associations has vacancies for a Scientific communication specialist and for a Communication media specialist on an external collaboration basis. You may apply for one - or both positions if you have the skills for both. These vacancies are issued as equal employment opportunities. To apply for one or both positions please use these links:

Job description and application for Scientific Communication Specialist: <https://forms.gle/uhaQNWM2XP5bAwFZA>

Job description and application for the Communication Media Specialist: <https://forms.gle/xKCEGZ7ag1siAu6L7>

Deadline for application: 24 January 2021

<https://mailchi.mp/beesfordevelopment.org/bee-bulletin-and-journal-december-2020?e=9078d7df23>

3. Commonly used “natural” insecticide Bt has no effect on honey bees

Good news for bees, as many local councils use this to apply to standing water bodies to eliminate mosquito larvae. Bt is a toxin derived from *Sol* bacteria and is also used in sachets to pour into domestic pot plant saucers to kill mosquito larvae. The study found that Bt treated bees exhibited no significant differences in survival, larval weight, or pollen or syrup consumption. This result indicates that chronic oral exposure to Cry78Ba1 toxin has no negative effects on honey bees at the maximum tested concentration.

Journal of Economic Entomology, toaa261, <https://doi.org/10.1093/jee/toaa261>

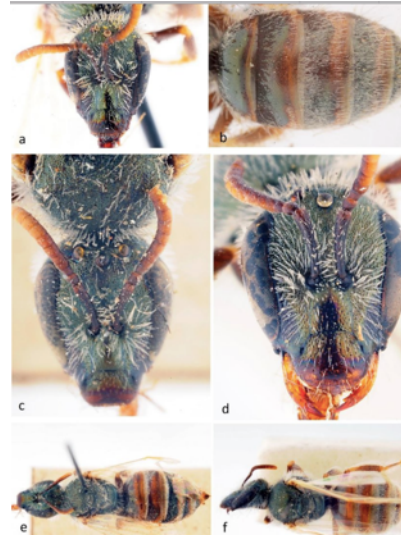
4. Israeli researchers discover new bee species

There is no overestimating the importance of pollinators in our world today. While crop pollination relies mainly on managed colonies of the domesticated honey bee (*Apis mellifera*), wild, unmanaged pollinators were found to be highly effective, often critical contributors to pollination services in natural and agricultural systems.

Among these wild pollinators, native bees are the most important pollinator group. Recognizing their importance, Israeli researchers were excited upon the discovery of a new bee species,

Lasioglossum leptocepalum. See right.

Read in [Phys.org](https://apple.news/A92zUyoiLTiWWpaoQoQpmwA): <https://apple.news/A92zUyoiLTiWWpaoQoQpmwA>



5. Do bees send each other text messages on New Year Eve?

Ed's Comment: I would have given this article just a teeny weeny bit of credence if they had answered their own question, and had tested more than one bee hive, and had performed the tests on more than one night, and on more than one New Years Eve, and had compared the results to several non New Years Eves. A pity, as this article just reinforces unsubstantiated conspiracy theories on all manner of testable, and rejectable theories. Did they control for the night penetrated by fireworks explosions and the frequency of fire engine, ambulance and police sirens on the night? No, because they only tested on one night.....doh!!!

Does enhanced electromagnetic radiation disturb honeybees' behaviour? Observations during New Years Eve 2019

DOI: <https://doi.org/10.29121/granthaalayah.v8.i11.2020.2151>

ABSTRACT: Insects, and especially honeybees, are under major threat everywhere around the globe. Current studies lack in the consideration of potential effects which may directly affect other organisms or ecosystems, because of the very limited attention which is usually received by the potential adverse ecological effects of radiofrequency electromagnetic fields. Here, it is hypothesized that planetary enhancement of electromagnetic radiation produces a disturbing pollution for honeybees. In order to test this hypothesis, a bi-directional wide frequency range microphone was placed during the New Year's Eve night 2019 in a honeybee hive, in order to detect and analyze potential changes in the acoustic behaviour of the bees due to increased phone induced RF- EMF radiation. It was observed that the honeybees produced strong worker piping signals. Such signals are typically produced shortly before takeoff of a swarm, or as the sign of a disturbed colony. It is therefore hypothesized that planetary enhancement of electromagnetic radiation produces a disturbing pollution for honeybees, such as during the New Year's Eve night. Evidence of proof of such electromagnetic waves taking place at New Year's Eve should be investigated worldwide during forthcoming similar.

<file:///C:/Users/jhayes/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/1350HRAM/Favre%20%20Johansson%202020.pdf>

And: If you have read this far and are interested in the ways that our faulty reasoning and logic can lead us from one single observation to a generalisation about the whole bee world, read this. It's a bit long and technical for some, but worth a glimpse.

https://www.honeybeesuite.com/how-to-keep-bees-like-a-scientist/?utm_source=newsletter&utm_medium=email&utm_campaign=news_from_the_hive&utm_term=2020-12-20

6. How to stop hive robbing, by the friendly bunch at Ecrotek

<https://www.ecrotek.com.au/learn/articles/detail/beekeeping-101-how-to-stop-hive-robbing>

7. Honeybees found using poo — to repel giant hornet attacks

Researchers discovered honeybees in Vietnam collect and apply animal dung around hive entrances to deter deadly nest raids by giant hornets. This finding is the first to document the use of tools by honeybees. Researchers found the hornets spent less time and did less chewing at hives with moderate to heavy dung spotting. They were also less likely to launch mass attacks on the more heavily spotted hives.

<https://www.sciencedaily.com/releases/2020/12/201209170706.htm>

Pictures from the internet:

Don't try this at home, kids.



6 frame Flow Hive costs vs traditional Langstroth 8 frame – what's the cost difference?

I will save the discussion regarding the various merits of the hives for a later date, but here is a cost comparison just for your interest. I asked The Shop to cost up an 8 frame timber set up and a plastic hive setup to compare with the 6 Frame Flow Hive set up that was on special before Christmas. The Flow Hive setup did include a suit and a smoker. No bees were included in the costs.

For your info, no endorsement of either set up is implied:

8 frame set up with 2 boxes, base, frames, lid etc for a TDBAI Club member, compared to the "special price" on Flow Hive website.

6 frame Flow hive for \$1270.

8 frame Langstroth for \$400 in timber, or \$550 for plastic from the Club Shop.

The Ed

Christmas lunch at The Bohle Barn

Queen BEEatrice Award

The Bohle Barn managed to squeeze about 50-60 members in on 6 December, when we held our last Club event for 2020.

First Lady Naomi and President Mick were awarded the Queen BEEatrice Perpetual Award for Hard Work.

Naomi seen here hugging the trophy. The raffle was won by ????????????????

Photos by Dr John Carr.



Remember the Shop etiquette – some folks seem to have forgotten, or choose to ignore them

We are still in Covid-19 restrictions, please consider the welfare of all

Email orders will be given priority and serviced – but walk in orders may not be completed. Pre-order by email before midnight on the Thursday before shop opening to shop@beesnorth.com.au; please do not send your order to info@beesnorth.com.au Wait till after 9:00am to come to the shop; park outside in Rendle St, do not come in to the

Ed's comment: Dear Club members who utilise the fantastic opportunity that our volunteer provide. If we do not wish to see this service reduced or limited we need to show a lot more those people providing this service. If we burn them out, we might not have this excellent convenience. If we do not comply with isolating guidelines, we may not be able to continue.

Golden Rules for the Club Shop:

Please follow this guide:

1. Order by Thursday midnight **before** the opening day, by email: shop@beesnorth.com.au
2. Arrive at the Shop **after** 9:00 am
3. Phone on your arrival, wait for the go ahead to drive to the shop door – one order at a time.
4. Your order will placed in your vehicle – do not get out of the car.
5. Depart straight away to allow others to do their pick up – **do not hang around inside the Shop to chat about bees**
6. Non-emailed or late orders may not get any attention if the Shop is too busy.
7. Do not panic – wash your hands, don't touch your face.
8. We do not sell toilet paper (Reward for the brave person who wears this dress in public – see photo on right)



members

Shop

shopkeepers consideration for service and

TDBAI Club activities

Beginner Beekeeper Courses for Club members

Message from President Mick:

Hi All Members

I would just like to take the time to congratulate all those new members who participated in the Club's Beginners Courses. This is an activity the Club takes great pride in, giving our members a value for money day. I hope that all had an enjoyable day and that you walked away with the confidence to be successful in the hobby of bee keeping. Any feedback positive or negative would be greatly appreciated so that we may improve how we deliver this course into the future.

These courses could not have been possible without the volunteers who assisted on the day.

Firstly Sonya V for allowing the club to hold the event at her place - again.

Secondly to Carla Kersnovske from DAF for showing and informing new members their requirements for testing for Varroa mite.

Dr John Carr from JCU who delivered some very detailed biology information on bees.

Lastly, to all the Club members who gave up their day to assist behind the scene, my heart felt thanks, as this would not be possible without you.

President Mick Olsen

Beginner Beekeepers Day No 2

Beryl Smart posted a few photos of the very successful Beginner Beekeepers Day last year. A big thank you to Sonya for hosting the event, John Carr for a very informative presentation on bee anatomy, and all other presenters and demonstrators, who helped make this such a fun and informative day.



Pics showing Club members explaining the finer points of beekeeping, and a shot of the class.

Clubbie Michael showing a junior beekeeper how to assemble a frame and Dr John Carr on the right, preparing some samples..



New TDBAI Native bee course, hands-on, and theory

For members only, please register early with Sonya : sonyaverb@optusnet.com.au>.

When : Saturday 6th March

Time 8am - 1200 and/or 1300 - 1700

Place: Sonya's place - 47 McLean Street, Gulliver

Price to be determined, probably around \$30ish

Topics:

Bee anatomy - John Carr

What type of native bees in North QLD & Bee Life cycle: Ian Gordon

Splitting native hives: Dame Frana McKinstry

Other subjects: what type of box, where do you put the the hive, how to care for your hive etc

Question and answer time.

Morning tea provided. We may do lunch if we do a morning and afternoon session. Both groups can get together and natter..

Welcome to our New Members

Existing Club Members are encouraged to assist/mentor our Newbees. They have joined the club to learn about bees, so even if you only have limited experience, give them a hand if you can. Invite a Newbee to your hive opening and discuss what's inside the box, let newbies experience hive openings to become more confident, and you will learn more yourself by trying to explain what's going on in there.

Stevie-Lee Rowe

Candace Lombardi

Damien Crosby

Veronique

Suzanne Taylor

Julie-Ann Walden

Allaine Stent-Smith

Jason Laverack

Cecilia Villacorta

Subscribe to the Bee Aware e-newsletter and stay up to date

The BeeAware newsletter is an e-newsletter for beekeepers and growers of pollinator-reliant crops, or anyone else simply interested in beekeeping or the pollination of crops. Each newsletter contains the latest in news, research and development, as well as upcoming events relating to honey bee biosecurity and the pollination of horticultural and agricultural crops. Townsville features in Issue 52 due to the latest AHB and Varroa incursion.

<https://beeaware.org.au/subscribe-to-newsletter/>

Annual Membership Fees are due in July/August each year - currently \$30/p.a.

Membership fees can be made electronically to:

Name:- Townsville and District Beekeepers Association BSB:- 633000

Account:- 141466078

Refer :- Please make sure you add your Surname so that your membership can be signed off.

Sell/Swap/Buy/Help needed

I will list items for 2 Newsletters only, unless you let me know otherwise. Please drop The Editor editor@beesnorth.com.au a note to indicate whether the items are required to be listed for a longer period. Do you need help from a Club member with your hive? Let the Editor know, and your request will be posted here. Please include name, phone contact, and a brief description of the question/problem and how urgent.

Bee Equipment for Sale

Long time member David Turnbull is selling some good pieces of bee equipment. David says he is disposing of his bee equipment and to pass the word around to new people getting started. Attached are the items, you can make full or half frames. Half hives are better as you get older (not as Heavy)

The lot for \$600.00

Contact David on: David Turnbull OAM, 21 Chatsworth Crescent, Annandale Qld 4814

Email turnbulldt@bigpond.com

Mobile 0400808641

Home 07-47790080

Half Hive Boxes	7	\$70.00
Metal Bases	3	\$60.00
Metal Top	2	\$30.00
Half Frames	77	\$115.00
Ends Tops and Bases		
To make full or ½ frames	35	\$20.00'
Plastic Foundation Full Sheets	36	\$70.00
Queen Excluder Metal	2	\$20.00
Oil Traps Plastic	2	\$3.00
Oil Traps Metal	2	\$4.00
Metal Straps to lock down Hives	3	\$10.00
Plastic manual Extractor	1	\$70.00
Sieves 400 micron and 200 micron	2	\$10.00
Plastic Sieves	3	\$2.00
Metal Sieve	1	\$2.00
Large Stainless-Steel bowl	1	\$3.00
Capping Knife serrated	1	\$5.00
Capping Pronged Scraper	1	\$2.00
Full Suit with Hood and Gloves	1	\$50.00
Swarm Catching unit with a Vax Vacuum		
Cleaner	1	\$30.00
Smoker	1	\$20.00
Band Saw	1	\$50.00



Peter Britton has a hive to sell.

Please find attached a photo of hive and bees on the right. I would like to sell some hives with the bees already loaded. Can do brood box, brood box and super or two supers.

Nuplas brood box plus two supers (as above) \$580.00. Please call Peter Britton, Ph 048 728 699 or email "pjb55@bigpond.com".

Email contacts for the Office Holders 2020/21

You can use these email contacts for the Office Holders, and hopefully they will have figured out how to access them and will respond ASAP.

president@beesnorth.com.au, treasurer@beesnorth.com.au, editor@beesnorth.com.au, shop@beesnorth.com.au, publicityofficer@beesnorth.com.au

And for all web and membership enquiries : info@beesnorth.com.au

TDBA Inc Office Holders for 2020/2021

President: Mick Olsen president@beesnorth.com.au or mick_naomi@bigpond.com

Vice President: Iain Gordon iain.gordon59@gmail.com

Secretary: Waldon Edwards secretary@beesnorth.com.au

Treasurer: Frana McKinstry treasurer@beesnorth.com.au or franajon@gmail.com

Treasurer's Assistant: Darren Hawkins darren@ellisdevelopments.com.au

Treasurer's Assistant: Michelle Hasted pexperts@yahoo.com

Membership: Frana McKinstry franajon@gmail.com or info@beesnorth.com.au

Newsletter: Lindsay Trott editor@beesnorth.com.au or trott Lindsay@gmail.com

Assistant Editor: Dr John Carr swineunit1@yahoo.com

Librarian: Beryl Smart smartberyl@gmail.com

Webmaster: Ray Berkelmans rberkerm@gmail.com

Publicity Officer/ Equipment Steward: Sandylee Hutchison sandylee.hutchison@gmail.com

Committee: Shane Grist Sonya Verburgt Alan Ziegenfusz Ronelle Ward Tom & Joan Rudell Lisa Fenoglio Paul Payne

Swarm Contact List:

Please advise editor@beesnorth.com.au if you wish to be removed from this list. Contact me with your name, phone number and suburb if you want to be added to the list.

Kelso/Kirwan: Steve and Carla Kersnovske - 0417 344 419

Graham Dalby - 0420951929

Adrian Kirby- 0403 443 141

Michael O'Connell- 0402088080

Douglas/ Gulliver: Sonya Verburgt - 04 0853 0991

Alice River/ Bluewater: Sharene Dougall - 0415426903

Ronelle Nord - 0417752622

Duane Saltmer - 0400 339 508

Amanda Woodcock - 0405784083

Black River through to Rollingstone: Alex Jenkins - 0459472166

Magnetic Island: Tito Parigi - 0418 796 951 Charters Towers: Mervyn Yule - 0427 124 126

Swarm List Please contact Biosecurity Queensland : 13 25 23 for any swarm or strange bee activity in the Townsville region. For all swarm collections, please collect 300 bees or roughly 10% of brood comb and submit to Biosecurity Queensland for pest and disease monitoring.

New form for "Sugar Shake" results – BQ requesting us to step up on detection tests for Varroa

Biosecurity Queensland would like beekeepers to fill out this new form below when they do self assessments, such as sugar shaker, drone uncapping or alcohol wash. The form can be filled out manually and sent in reply paid, or it can be emailed. Carla K will also be visiting everyone who would like to practise with the different self assessment types.

Varroa Mite Eradication Program



Managed hive test or feral nest/swarm removal form

Please use this form to submit the results of self-assessments and to submit samples from collected feral swarms or nests. Complete the first section and then any other applicable sections. Please use multiple forms if necessary and separate forms for each location tested.

Return forms to, or contact for sample collection – Department of Agriculture and Fisheries: 07 3330 4560

PO Box 1085 Townsville Q 4810 or email varroa@daf.qld.gov.au.

Address of collection location	
Collector	
Collector's phone or email	
HIN	

Alcohol wash/ sugar shake (300 bees per hive recommended. Submit sample if anything suspect seen)

Date tested	Alcohol wash or sugar shake? (AW or SS)	Hive ID and approximate number of bees tested	Anything suspect? (Y or N)	Sample submitted? (Y or N)

Drone uncapping (20 drone pupae per hive recommended. Submit sample if anything suspect seen)

Date tested	Hive ID and approximate number of drone pupae examined	Anything suspect? (Y or N)	Sample submitted? (Y or N)

Feral nest or swarm removed and samples kept for DAF to identify and check for varroa (300 bees and several hundred capped brood cells - especially drone brood - recommended)

Date collected	Bees submitted?	Comb submitted?

DAF use only - Analysis by NVMEP

Case	Sample	Date tested	Tested by
ID result	<i>Apis cerana</i> (AHB)	<i>Apis mellifera</i> (EHB)	Other
Varroa seen			
Recording	Date	By	

Scan to server, email to varroa (cc to manager and SPO), add to VMI2019 (attach scan to result), file hard copy

The Department of Agriculture and Fisheries is collecting the information on this form as a record of surveillance activities conducted under the National Varroa Mite Eradication Program. Summaries of surveillance activities may be provided to the Consultative Committee on Emergency Plant Pests, formed by the Australian Government Department of Agriculture for the purpose of reporting against the Response Plan for the Eradication of *Varroa jacobsoni* from Queensland – 2019 Incident. Any personal information collected will not be disclosed to any other parties unless authorised or required by law.



Club Shop Items - 2020 Price List

These prices are only available to current financial members

Item	Price	Item	Price
Jacket - Cotton	60.00	Eyelets pkt 50g	6.00
Jacket - Ventilated	90.00	Awl (for picking eyelets)	5.00
Full Suit - Cotton	90.00	S/S Wire x 500gm	20.00
Full Suit - ventilated	115.00	Crimping Tool	14.00
Replacement veil for vented suit	25.00	Bucket Bracket	10.00
Cowboy hat with veil	12.00	Bucket Opener	7.00
Veil - cotton	20.00	Queen Catcher (butterfly clip)	3.00
Child's full suit	60.00	Queen Catcher & Marker (tube)	8.00
Gloves - pair	25.00	Frame Gripper	10.00
Veil - Native Bee	3.00	Frame Hanger	20.00
		Bee Feeders	1.00
Super - 10 Frame	28.00	Spring clips, ea	2.00
Super - 8 frame	25.00		
Super - Ideal	25.00	Gate valve - Nuplas	12.00
Super - WSP	25.00	Gate valve - Parker	30.00
Lids (8 or 10 Frame)	27.00	Gate Valve S/S	35.00
Lids (8 or 10 Frame) pre-assembled	35.00	Gate valve O rings - Parker	7.00
Base - Ply (8 or 10 frame)	22.00	Cappings knife, serrated	15.00
Base - Mesh	35.00	Cappings knife, electric	45.00
Mesh sheet (for base construction)	15.00	Comb scratcher	8.00
Lifting Cleats (Handles, pair)	5.00	Strainer	26.00
		Scales	12.00
Nuplas Super 10 Fr	40.00	Extractor - Plastic	140.00
Nuplas Super 8 Fr	40.00		
Nuplas Super - Ideal	35.00	Honey jars 250gm	0.70
Nuplas Lid, 8 or 10 Fr	38.00	Honey jars 500gm square	0.80
Nuplas Base, 8 or 10 Fr	45.00	Honey Jars Squeeze 550g	0.80
Nuplas 10 Fr set: 1 x super, lid & base	120.00	Honey Jars 1 kg	1.00
Nuplas cleats	10.00	Honey Pails - 1 kg	1.20
Nuplas oil tray & frame	28.00	Honey Pails - 1.5kg	1.30
Hive Doctor plastic base	55.00	Honey bottle 2.8kg (2 litre)	0.80
Beetle Buster Base (8 or 10)	100.00	Glass jars 500g	1.00
4 Frame Nuc Box	65.00		
5 Frame Nuc Box	70.00	TRAPS	
Corflute Nuc boxes	28.00	Apithor trap	8.00
		Silver Bullet trap	8.00
Hive tool (S/S)	15.00	Diatomaceous Earth per pack	4.00
Smoker	35.00		
Smoker - Beeco	85.00	BOOKS	
Bee Brush	10.00	Managing AFB	0.00
Emlok - hive clamp	14.00	ABC of Beekeeping in Tropics	25.00
Hive Handle (galvanised)	12.00	Australian Beekeeping Manual	35.00
Queen Excluder - Wire (8 or 10 frame)	22.00	Australian Native Bee Book	25.00
Queen Excluder - Plastic	12.00		
Queen Excluder scraper	10.00	Honey Labels (\$5 for 50) or roll	25.00
		Nutrition panel labels (per roll)	20.00
Frames - Full depth	2.00	Posca Queen marking pen	5.00
Frames - Full depth, prewired	4.00	Warning Sign	10.00
Frames - Ideal	1.50	Bee Poster	20.00
Frames - WSP	1.50	AFB test kit	0.00
Foundation - Plastic	2.10		
Foundation - Wax, per sheet	2.40	Club Polo Shirts	40.00
WSP or Ideal foundation (plastic)	2.00	Club Polo Shirts L/S	45.00
Wax Embedding tool	45.00	Club hats with logo	15.00
Block beeswax, per Kg	22.00		

TDBA Bee Starter Kit - \$160

The Perfect Gift for a budding Beekeeper

Available in Townsville from the Club Shop:

Club Members Price Only! \$160

Hive tool, brush, vented jacket/veil, gloves, and smoker

Plus: The ABC of Beekeeping book

Contact: Club Shop Stewards: Frana M or Alan Z or email:

shop@beesnorth.com.au



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