

# Townsville and District Beekeepers Association (Inc.)

[www.beesnorth.com.au](http://www.beesnorth.com.au)

PO Box 1115, Aitkenvale QLD 4814



## Newsletter No 4, May 2021

### In this Issue

- New Club meeting place lease progressing well
- Rivers of Gold, Product Review, Bee Blooper by The Ed
- Bees on the Internet, JCU Vet students
- Club activities, meeting minutes
- New Members, Club officials' contacts
- New Sugar shaking form and jars
- Club Shop – New price list

## Next Meeting:

**Sunday 23 May, 10:00 am**

**Hermit Park State School**

**Entrance off McKimmin Rd, Hyde Park**

Bring a chair and something tasty. Tea, coffee, milk available  
We will be using current COVID safe procedures, as appropriate  
Free chats and discussion after the meeting

## Dear Members

Well some very exciting news. Today TCC voted unanimously to grant our club a 5 year lease at Michael Hooper Park, Deeragun. This will allow the club to have a home and to potentially build a club house in the future. If it is determined that this site is not suitable for our purposes we will occupy this site until a more suitable site can be found.

There has been a lot of media interest in this already with a recorded interview with 106.3 FM and they have done a blurb about the club on their website, please click on the link below.

Attached is also the media release from TCC.

<https://www.power100.com.au/news/local-news/170883-townsville-beekeepers-to-bolster-education-after-securing-home-base>

Channel 9 will also be doing a story on the club occupying MHP and will let all know when this will air/take place.

Cheers

Mick Olsen, President

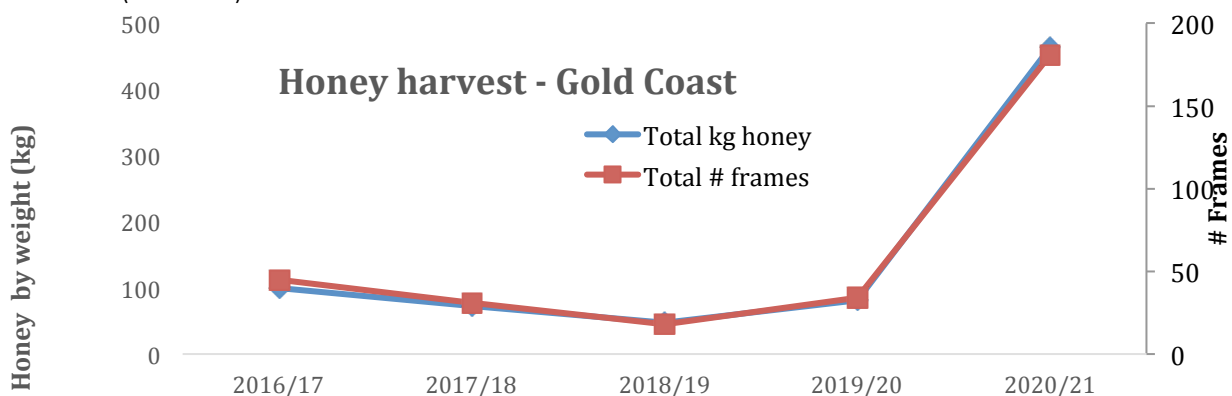


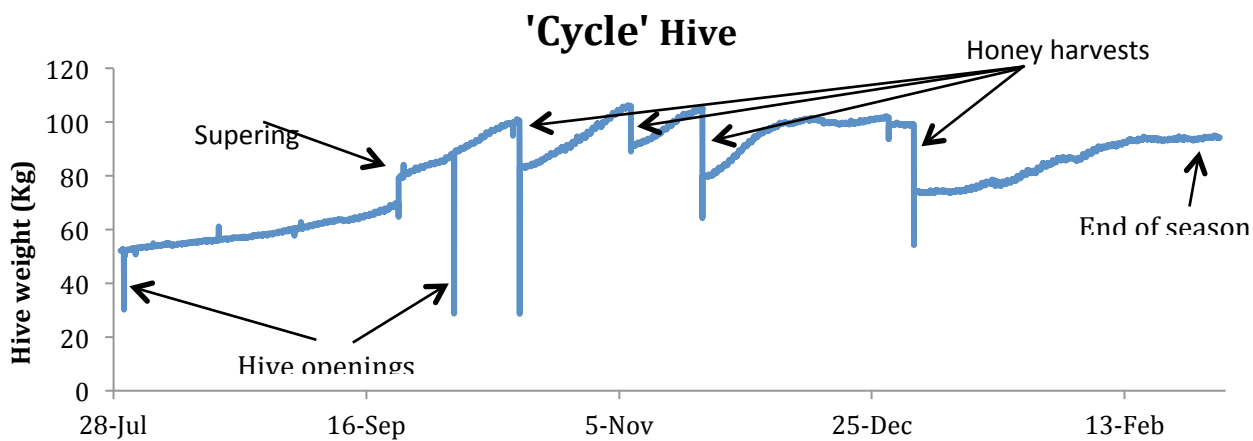
## Rivers of Gold on the Gold Coast

### Record Honey Harvest for Ray Berkelmans in 2020/21 in SEQ

As the honey season draws to a close, at least here in SE Queensland, it is time to de-super and prepare for a lean time for the next few months. It is also a time to reflect on the good season we have just had. For me on the Gold Coast, it has been a 'ripper' like no other I have experienced since arriving here 6 years ago. I keep five productive hives and until this season have managed only a modest harvest each year of about 32 frames or about 75kg of honey on average (range 18-45 frames, 47-100kg). This year (July-June) something crazy happened. After a long, hot and dry summer last year which saw bushfires in many states, including iconic property losses in the Gold Coast hinterland where we are located (although thankfully we were spared!), finally came rain and an abundant flowering season for most plants. The bees were putting away honey as early as mid-July 2020 when the blue gums started to flower. Then followed citrus, clover and bottle brush in Aug-Sep, brush box and other gum trees in Oct-Nov and finally lilly-pillies in Dec-Jan. My first harvest of 14 frames was in October, at least 2 months earlier than previous years and it just kept coming. Between late October and early January, I harvested roughly 24 frames every fortnight, although individual hives might only have been harvested 4-5 times (see 'Cycle hive' graph). Whereas I would normally extract honey 1-2 times per year, this year I extracted 7 times! All up, I harvested a massive 181 frames this season which yielded 464kg of honey, from just 5 hives, or more than 5 times my average! Needless to say there is no way we can get through that much honey so I was very grateful to come across wholesale honey buyers in Brisbane which I reported on in Newsletter 11, December 2020. For a back-yarder, I'm feeling decidedly semi-commercial... Hope it slows down a tad next year.... well, maybe just a small tad anyway...! ☺

Ray Berkelmans (Gold Coast)





## Product Review: Roller uncapper

From Ray Berkelmans on the Gold Coast

After my bumper honey season in 2020/21, as reported above in this Month's May Newsletter, I was on the look-out for ways to reduce the workload, especially during honey extraction time. I harvested and extracted 181 frames this year and after many, many hours of manual de-capping, I was definitely after a more time-efficient way of dealing with this process. Until now, I've usually had less than 20 frames to de-cap per extraction and I have done this with manual de-capping knives without a problem. After making a bit of money from selling my honey wholesale this year (just over \$2k!) I figured I could afford to lash out a bit for a better system. I came across these [un-capping rollers at Quality Beekeeping Supplies](#) in Brisbane and thought I would give them a go. At \$410, I might normally have balked at the price, but at this time the hand-brake was off on the wallet and I made the most of it. 😊



The idea is that you simply push your frames "landscape" through the rollers and pull them back out again and, voila, the job is done! In truth, it is not as simple as that. Most of my frames had areas that remained uncapped due to sunken cappings and needed a manual re-touch with a comb-scratcher or spiky roller. A double push did help, as did a slanted push in at, say 25 degrees, and the opposite way on the way out. I did find that it was easy to overdo the angle of push which resulted in the wax foundation getting torn off the frame (blow-out) which was best avoided.

The spiky roller (my other new purchase) was a god-send as it made short work of touching up the un-cut parts of the frame. [Cappings roller](#) from Quality Beekeeping Supplies - \$31.25



Pulling the frame out of the rollers was a bit painful at first as the bin underneath was light and the resistance of the rollers gripping the frame relatively high. It needed someone to hold the cappings bin down as I pulled up the frame. It became less of a problem as the bin started filling up with honey which added weight to the bin. The uncapping roller frame comes with an eye-bolt on each end and it is now clear to me why: this is where you somehow tie it down during uncapping. I guess some string would do, but I think I might look into gluing some threaded nuts into my bench and perhaps use a turn-buckle on each end to fasten the bin to the bench.

The other thing to note is that, unlike de-capping knives, there is hardly any cappings wax in your bin. Although good in one sense, it did present an unforeseen challenge at the spinner. Normally, I cover my buckets with cheap gauze to filter out the left over cappings wax after spinning. With the roller-uncapper, the wax particles are much smaller and the gauze clogged up in no-time. Filtration was basically a waste of time. Instead I had to let the honey and wax fill the buckets and allow time and gravity do the work and I just scraped the wax from the top a few days later. That was no big deal, just a different way of doing things.

So, was it quicker and worth the money? Most definitely! De-capping with the manual knife used to be the rate-limiting step in the extraction process, but no more! Now it's the 4-frame spinner!

Mmm..., if I get another bumper year, I might have to look into a better spinner.... 😊

Ray Berkelmans, Gold Coast



## ***Bee Bloopers – “Switcheroo” method saves one hive but condemns another – maybe?***

It's a sad state of affairs when The Editor has to fill the Bee Blooper section with his own misadventures. But here we are again this month because apparently none of you have done anything wrong this month!!!! Most unlikely, I suspect, but nothing that you are prepared to talk to me about – so, here I go again with my backyard story.

During the summer heat and humidity, one of my hives was going a bit too strongly and had 2 Langstroth supers and a WSP sitting on top of a brood box that was about to do a “boilover”. So I split the hive and took 3 brood frames with eggs, capped and uncapped larvae, bees, one pollen frame and one honey frame into a 5 frame nuc – and waited, and checked, and waited – no new queen cells, nothing. Took another frame of eggs and brood and placed them in the nuc – and waited, and checked, and waited – no new queen cells, nothing. OK, lets buy a new \$32 queen with white spot – placed another brood frame in with her – and waited, and checked, and waited – nothing – no queen, no eggs, no new brood. Righto, now I checked the hive next to the nuc which had provided the brood frames, only to find the queen had gone AWOL from there too! – oh poo.

Rightio, by now the failed nuc had gone into laying worker mode and drones were being laid due to no queen in the hive for too long. So, I combined the 5 nuc frames into a 10 framed box with 5 blanks to fill the spaces and placed it on top of a layer of newspaper over the top of the now queenless main hive. When the bees had chewed through the newspaper and agreed to be buddies with the resident bees, I shook the top box down so only 2 boxes remained.

Now this is where it gets complicated. After getting advice from 3 very knowledgeable and experienced beekeepers, and getting seventeen different opinions, I performed the following “switcheroo” hive rescue technique.

I ordered another new marked queen, and when she arrived I took the combined nuc and laying worker hive around the back of the shed (no – it wasn't to do the execution). I shook all the bees out on the pavers. I took all the bee-less frames back to the old hive position and re-assembled the hive, except that I left a gap of 5 frames in the middle of the brood box. I took 5 frames of brood, with eggs, capped and uncapped larvae, nurse bees and the laying queen (effectively a nuc) from a thriving hive next to my problematic one. I put this instant nuc into the middle of the laying worker hive brood box. I put 5 empty brood frames from the laying worker hive in to the brood box of the functioning hive, plus the new marked queen, plus she had some capped and uncapped larvae from the previous queen still there, sprayed a little apple cider vinegar around - and waited.

The field bees from the laying worker hive found their way back home because they knew the way, but all the nurse and house bees had not been outside and did not have any GPS fixes, so they effectively were lost and just stayed huddled together on the wall (although after a few days I felt sorry for them and fed them some honey). Apparently the field bees are not responsible for laying drone eggs, as they are too busy out collecting nectar and pollen- at least that's what I heard.

### **The result:**

The failed nuc/recombined/laying worker and stolen queen combination hive was powering along with the everything going tickety boo. The previously functioning hive that had the queen and brood swapped out and a brand new queen inserted was -----queenless!!!! AAAArrrrrrgh. How many queens can you try to introduce? I have had 4 failed queen introductions out of 5 in recent months, some hives re-queen with unmarked queens of their own, but some need more attention. Im pretty sure I am doing most of the right things, but obviously not enough of them. PS: 2 weeks later the hive with the apparent failed introduction of new marked queen had heaps of eggs, but no marked queen!!! Maybe a self requeening?

The “switcheroo” method pulled the laying worker hive out of a certain nose dive that looked fatal, but I lost the good layer, the other hive is/was queenless and I am going through expensive failed queens at an unsustainable rate.

Any helpful solutions will be rewarded with a free hive tool. Apparently I should have sprayed more apple cider vinegar over the brood frames of the newly introduced queen to mask any old pheromones

### **The Ed.**

**Breaking News!** The new white marked queen has just shown up, with no sign of the small unmarked queen seen 2 weeks ago??? Maybe the White Queen was “laying” in waiting and booted the younger interloper out of the hive??? Maybe that was an unmated virgin?? Who knows what goes on in those hives.

## Laying workers



Our Librarian Beryl Smart caught these three wise men hanging out at The Club Shop recently. At least they were creating no evil.



Joan Ruddell found this cute honey pot on the left



Phil Plant took this good shot of Mick and Naomi's Long Lang hive on the right



Mick Olsen reckons his smoker burnt for 3 hours without going out – maybe if you keep it on the hot BBQ it will burn for ever!!

## Bees on the internet

A roundup of interesting articles on the internet about bees

### 1. Japan rejects NZ honey contaminated with Roundup

Japanese authorities have rejected four shipments of New Zealand honey since more stringent testing was introduced for the weed killer glyphosate in January. The Ministry for Primary Industries (MPI) introduced mandatory testing for all honey headed to Japan from January 20 in response to concerns about glyphosate levels following random testing in Japan, which prompted authorities there to start testing all New Zealand honey at the border. Some honey was already en route when the more stringent testing was introduced, and variability in testing between international laboratories has also caught out some producers. Shipments of honey from Taranaki's award-winning Egmont Honey, Northland's organic producer Mills Farm, and Timaru's 100 per cent Pure New Zealand Honey were rejected by Japan in February. The three companies confirmed they authorised the disposal of their honey in Japan.

Honey manufacturers point to Japan's low standard for glyphosate, at no more than 0.01 parts per million, considered the detectable level, compared with New Zealand's regulation of 0.1ppm and the European Union standard of 0.05ppm.

They say that is because Japan does not have a separate classification for honey, but lumps it in the default "others" category in the rules. By contrast, the specified Japanese limit for flour, rye and buckwheat is 30ppm, corn is 5ppm and most of the commonly eaten vegetables such as potatoes, cabbage, broccoli, lettuce and carrots is 0.2ppm.

The New Zealand exporters whose honey was rejected were all within the New Zealand standard. <https://www.stuff.co.nz/business/124578526/japan-rejects-nz-honey-with-traces-of-weedkiller-glyphosate>

2. **15,000 Bees Swarmed a Guy's Car in a New Mexico Parking Lot**

After going for a quick grocery run, a New Mexico man started to drive home only to notice thousands of bees, collectively weighing three-and-a-half pounds, in the backseat of his car, The New York Times reports. The man, in shock, called 911 and Jesse Johnson, a fireman who practices beekeeping in his free time, came to the rescue. Johnson, who had just finished a family barbecue, got the call and rushed to the scene with his beekeeping gear. He spent thirty minutes moving the bees into a hive box. "I'll do anything to keep people from killing the bees," he said.

Colonies of bees usually split in the spring to follow their queen, Johnson explained. He believes they must've come from a nearby home or gutter system. "Luckily, when bees are swarming, they're pretty docile," he said. A security guard and another firefighter were stung. "One guy got stung on the lip, and we made fun of him the next morning," Johnson said.

<https://www.thedailybeast.com/15000-bees-swarmed-a-guys-car-in-a-parking-lot-in-las-cruces-new-mexico>



3. **Bees used as delivery vehicles in almond plantations for beneficial microbes against blossom rot**

California almonds use over 2 million bee colonies for pollination every year, but now the bees are being used to deliver biological fungicides as well as carrying out essential pollination.

<https://www.beeculture.com/catch-the-buzz-almond-grower-trials-of-bee-vectoring-technology/>

4. **Alan Z found a really useful site to show to beginners – lots of helpful answers to questions**

<https://halawlaw.store/category/beekeeping-for-beginners/>

5. **Alan Z also found several things to smoke when opening up your bee hives – all natural, guaranteed to give you a buzz**

Al says –"The smokeable plants list is interesting reading for Australians. The passion flower & Lavender give good results to lower stress & induce sleep. Wonder what they are like in my smoker when I give a puff to my bees? One for them one for me."

<https://modernfarmer.com/2021/04/smokable-plants-you-can-grow-that-arent-marijuana-part-2/>

6. **When Bee Foundation has Teacher's guide for students interested in bees**

<https://www.whenbeefoundation.org.au/news-events/uncategorized/teachers-guide-to-bees/>

## Remember the Shop etiquette

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

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](mailto:shop@beesnorth.com.au); please do not send your order to [info@beesnorth.com.au](mailto:info@beesnorth.com.au)

**Ed's comment:** Dear Club members who utilise the fantastic opportunity that our volunteer shopkeepers provide. If we do not wish to see this service reduced or limited we need to show a lot more consideration for those people providing this service. If we burn them out, we might not have this excellent service and convenience.

## 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](mailto:shop@beesnorth.com.au)
2. Arrive at the Shop **after** 9:00 am
3. Non-emailed or late orders may not get any attention if the Shop is too busy.

## April Meeting activities

Frana gave a talk on the benefits/costs of different types of frames and foundation and Mick demonstrated how to assemble a plastic hive box.

The HPSS hives were inspected for those wanting to get up close and personal with some bees.



## Dr John Carr and Frana get JCU Vet students up close and personal with bees

### Near miss for the queen

We nearly lost the queen! While examining the brood and demonstrating the various Varroa examination techniques to students from JCU final year vets, the queen fell out of the brood box onto the table with three of her entourage.

It was an observant vet student to raise the alarm!!! "The queen!, the queen!, we can see the queen!" All were relieved!



The queen! The queen! On the table not in the hive. Note the grain of icing sugar.

The final year vet rotation doing their day of bees!



Drone encapping illustrating no Varroa

### More natives - Excellent review of Local stingless bees <https://www.aussiebee.com.au/aussiebeeonline025.pdf>

Nick Smith was an exciting addition to this JCU Vet Science bee introduction rotation, as he brought and demonstrated two of his native bee hives with *Tetragonula carbonaria* and *Austroplebeia cassia*. Together with a selection of *Tetragonula hockingsi* and solitary bees, in various hotels, the students were exposed to the fascinating world of native bees of Queensland.

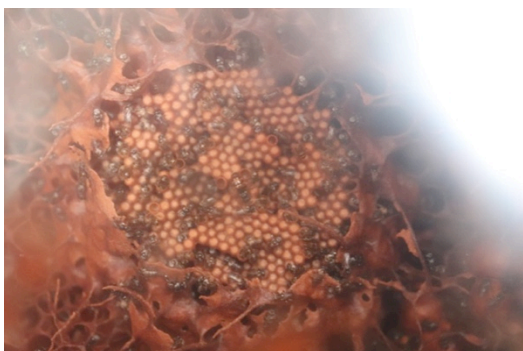
In return, Tom was introduced to the honeybee, so information transfer and then honey tasting followed freely.



Nick and Frana examining a frame of *Apis mellifera* – our honey bees



Our local *Tetragonula hockingsi* hive (our local stingless bees) being examined.



*Tetragonula carbonaria* (common in Southern Queensland)



*Austroplebeia cassia* (common in northern Queensland)

## TDBAI Club activities

### Meeting with Queensland Beekeeping Association

A few members of the Club met Jo, Jacob and Rob from the Queensland Beekeeping Association over a beer last month. We discussed a variety of subjects where the Townsville beekeepers interact with the QBA - the Queensland Association. Of particular concern was the monitoring of our Varroa negative, status and how important our vigilance is to Queensland and the whole of Australia.



### General Meeting HPSS – 18/4/2021

#### Minutes

**Note taker:** Lindsay Trott

**Meeting opened:** President Mick Olsen (MO) opened meeting at 10:00 am

**Visitors:** New Members welcomed, attendance book signed

**Previous Minutes:** Previous minutes were noted – see Newsletter

**DAF presentation:** Rob Stephens and Roger Winton

- Review of status of varroa eradication program in Townsville for previous 3 years
- Program winding down as no new detections of AHB or varroa.
- Keen to keep Club members on the alert and do sugar shake/alcohol wash and drone scratch and send in reports – submission form in Newsletter. Ask DAF or Carla Kersnovske for a demo of techniques.
- Rainbow bee eater pellets proved to be a great early detection sign of AHB. 1.5 million EHB wings looked at under microscope, 79 wings were from AHB resulting in detection of 2 separate varroa incursions in to Townsville. Let DAF know if you see bee eater roosts, especially around or close to Port area. Surveillance of BQ hives will continue every 6 weeks.
- Previous AHB detections in 2016 were from around Hermit Park but no varroa, other areas had varroa.
- Dry Townsville climate thought to be a barrier to AHB movement from Cairns and wet tropics where it is now established. False alarms for AHB are OK, better to be sure than sorry.
- DAF thanked TDBAI and members for efforts in reporting and cooperation.
- No AFB reports in last 6 weeks.

MO – new beekeepers reminded to register and get their HIN and Biosecurity Entity details. You are responsible for good management of bees. Do the sugar shake etc. DAF donated several kits for members and fridge magnets, brochures etc.

#### General Business:

- QBA representatives visited Townsville and met with Club members over dinner and drinks. An informative meeting was held with lots of Q+A, good to get communication channel established with them.
- lease available to view with TCC for land at Jensen for Club to use for meetings and hive location. MO progressing that project and looks set to be settled soon, after which we can have an “open air” meeting there to assess the feel of the place.

#### Treasurer's Report:

##### Secretary:

**Newsletter:** Editor requested articles and local news. Last month's Newsletter was produced by Guest Editor Dr John Carr. Many thanks from the old Ed for “looking after the shop” while I was “overseas” on Magnetic Island.

**Club Shop:** 1<sup>st</sup> Saturday of the month at 3/38 Rendle St, Aitkenvale. E-mail your requests before Friday.

**Meeting Closed:** 10:35

**Next Meeting: Sunday 23 May at 10:00 am at HPSS**

Meeting was followed by demos of benefits/problems/ costs/ procedures for different types of frame foundation – plastic, wax, pre-waxed plastic etc, assembled from Frana M. Lots of questions followed on this important aspect of setting up a hive for success.

MO assembled a plastic Nuplas hive box and discussed merits/issues with that and timber boxes.

Hives behind HPSS school were opened and inspected by several people.

Raffles were drawn – Ray Pace won the bee bag, Kev won the brooch. See right.



## **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.

### **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](mailto: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.

Club Member Graeme Kent, our Club's previous financial auditor, has an excess of hives and equipment. Great chance to boost that backyard apiary plus spare equipment.

### **Hives and equipment for sale**

6 x single hives for \$350ea

5 x double hives for \$450ea.

All with new queens.

10 x full depth 10 frame painted brood boxes for sale at \$35ea

10 x WSP 10 frame painted honey supers for sale at \$30ea

10 x pine painted Bases for sale at \$28ea

10 x Lids painted for sale at \$30ea

Graeme Kent Mob: 0400 607 868

[wealthhound@gmail.com](mailto:wealthhound@gmail.com) – preferred contact method.

### **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](mailto:president@beesnorth.com.au), [treasurer@beesnorth.com.au](mailto:treasurer@beesnorth.com.au), [editor@beesnorth.com.au](mailto:editor@beesnorth.com.au), [shop@beesnorth.com.au](mailto:shop@beesnorth.com.au),

[publicityofficer@beesnorth.com.au](mailto:publicityofficer@beesnorth.com.au)

And for all web and membership enquiries : [info@beesnorth.com.au](mailto:info@beesnorth.com.au)

### **TDBAI Office Holders for 2020/20221**

President: Mick Olsen [president@beesnorth.com.au](mailto:president@beesnorth.com.au) or [mick\\_naomi@bigpond.com](mailto:mick_naomi@bigpond.com)

Vice President: Iain Gordon [iain.gordon59@gmail.com](mailto:iain.gordon59@gmail.com)

Secretary: Waldon Edwards [secretary@beesnorth.com.au](mailto:secretary@beesnorth.com.au)

Treasurer: Frana McKinstry: [treasurer@beesnorth.com.au](mailto:treasurer@beesnorth.com.au) or [franajon@gmail.com](mailto:franajon@gmail.com)

Treasurer's Assistant: Darren Hawkins [darren@ellisdevelopments.com.au](mailto:darren@ellisdevelopments.com.au)

Treasurer's Assistant: Michelle Hasted [pexperts@yahoo.com](mailto:pexperts@yahoo.com)

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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](mailto: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 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 continue 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.

## 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](mailto: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

Jacket - Ventilated	90.00	Wax Embedding tool - roller	15.00
Full Suit - ventilated	115.00	Wax Embedding tool - electric	45.00
Replacement veil	20.00	Block beeswax, per Kg	22.00
Cowboy hat with veil	12.00	Eyelets pkt 50g	6.00
Veil	20.00	Awl (for picking eyelets)	5.00
Childs full suit - ventilated	80.00	S/S Wire x 500gm	20.00
Childs full suit - cotton	60.00	Crimping Tool	14.00
Vented Pants	60.00	Bucket Bracket	10.00
Gloves - pair	25.00	Bucket Opener	7.00
Veil - Native Bee	3.00	Queen Catcher Clip	3.00
Super - 10 Frame, wood	30.00	Queen Catcher & Marker	10.00
Super - 8 frame, wood	28.00	Frame Gripper	10.00
Super - Ideal, wood	25.00	Frame Hanger	20.00
Super - WSP, wood	25.00	Bee Feeders	1.00
Lid (10 Frame) unassembled	27.00	Spring clips, pair, with screws	5.00
Lid (10 Frame) pre-assembled	35.00	Spatula (blue)	10.00
Lid (8 Frame) pre-assembled	35.00	Gate valve - Nuplas	12.00
Base - Ply (10 frame)	22.00	Gate valve - Parker	30.00
Base - Ply (8 frame)	22.00	Gate valve O rings - Parker	7.00
Base - Mesh	35.00	Cappings knife	15.00
Mesh sheet (for base construction)	15.00	Cappings knife, electric	45.00
Lifting Cleats (Handles, pair)	5.00	Comb scratcher	10.00
Hive Mat - 10 frame	9.00	Strainer	26.00
Clearer Board - 10 Frame	26.00	Scales	12.00
Nuplas Super 10 Fr	40.00	Extractor - 4 Frame S/S	530.00
Nuplas Super 8 Fr	40.00	Native bee boxes	100.00
Nuplas Super - Ideal	35.00	Bee Haven Native Beehive	420.00
Nuplas Lid - 10 Fr	38.00		
Nuplas Lid - 8 Fr	38.00	Honey jars 250gm	0.70
Nuplas Base - 10 Fr	45.00	Honey jars 500gm square	0.80
Nuplas Base - 8 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 (Handles, pair)	10.00	Honey Pails - 1 kg	1.20
Nuplas oil tray & frame	28.00	Honey Pails - 1.5kg	1.30
Hive Doctor plastic base (10 frame)	55.00	Honey bottle 2.8kg (2 litre)	0.80
Hive Doctor plastic base (8 frame)	55.00	Glass Jars 500g	1.00
Beetle Buster base (10 frame)	110.00	Bucket - 20 Litre	12.00
Beetle Buster base (8 frame)	110.00		
4 Frame Nuc Box	65.00	Apithor trap	8.00
5 Frame Nuc Box	70.00	Silver Bullet trap	8.00
Corflute Nuc boxes	28.00	Diatomaceous Earth	4.00
Hive tool (S/S)	15.00	Guardian Bee Hive entrance (red)	15.00
Smoker	38.00		
Smoker - Beeco	110.00	ABC of Beekeeping in Tropics	25.00
Smoker Fuel (1kg)	5.00	Australian Beekeeping Manual	35.00
Smoker Fuel (2kg)	10.00	Australian Native Bee Book	25.00
Bee Brush	10.00	Inside the Hive	3.00
Emlok - hive clamp	14.00	Bees Knees	20.00
Hive Handle (galvanised)	12.00		
Queen Excluder - Wire (10 frame)	22.00	Honey Labels (\$5 for 50) or roll	25.00
Queen Excluder - Wire (8 frame)	22.00	Nutrition Panel labels (per roll)	25.00
Queen Excluder - Plastic, 10 frame	12.00	Posca Queen marking pen	5.00
Queen Excluder scraper	10.00	Warning Sign	10.00
Frames - Full depth, prewired	4.00	Bee Poster	20.00

Frame/Fdn, plastic, FD, prewaxed	7.00	AFB test kit	0.00
Frames - Ideal	1.50		
Frames - WSP	1.50	Club Polo Shirts	40.00
Foundation - Plastic, full depth	2.10	Club Polo Shirts L/S	45.00
Foundation - Plastic, FD, pre-waxed	3.10	Club hats with logo	15.00
Foundation - Plastic, WSP	2.00	T-Shirts "Beekeeping it Real"	20.00
Foundation - Plastic, Ideal	2.00		
Foundation - Wax, per sheet	2.40		

### ***Native bee Newsletter – join the group and check out some great info and photos***

The CROSS-POLLINATOR - Newsletter of the Australian Native Bee Association

Original articles, new information and news from the world of native bees. The Association has branches in Sydney, Brisbane, Wide Bay and Gladstone, but no Townsville branch?? Are there enough interested native beekeepers to get one "flying"?

Check out these sites: <https://australiannativebee.org.au/>

<https://www.facebook.com/Australian.Native.Bee.Association/>

<https://www.instagram.com/australiannativebeeassociation/>

### ***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](mailto:shop@beesnorth.com.au)

