

Dates to Remember

Next Club meeting 4th June
Committee Meeting -10th June

Boonah Show
31st May & 1st June 2019

Club Registration

Before club meetings all members are required to pay a \$2.00 registration fee.

Club events and show dates are on our website calendar

www.honey.org.au

BEE FLIGHT

Presidents Report



Welcome to our June Newsletter. It appears bees are now slowing down and settling in for winter. I have reduced hive entrances and checked honey stores. My final inspection revealed little honey production in the past couple of months so, I'm looking to next season and hopefully a better year.

If your bees are short on honey for the winter, you will need to keep an eye on them and consider if, and when, you might need to support your hives with feeding. It is important to know the difference between stimulus feeding and substance feeding. There is information about feeding on the club website. Winter is also a good time to spend time in preparation for the next season. Make sure you have plenty of new or freshly painted boxes to replace old ones and enough frames made up for the start of the season.

This month was also the Ipswich Annual Show. Thanks to all who volunteered to set up, man the stall and pack up at the end. Special thanks goes to Phil Dunlop for supplying and bottling the honey. A special treat this year was Phil's strawberry creamed honey.

I will be away at the time of the next general meeting so George Pallot will Chair the meeting.

See you all at the July Meeting.

This year we're running a PHOTO competition for "Bee Pictures." Each month any members can send me pictures they have taken and I will post the best of them in our newsletter and on facebook. At the end of the year the Committee will pick the top 3 pictures and award 3 prizes. The only rules are the picture *must* have a bee in it, you must take it, and you need to be a financial member of our Club at the time of judging.

Just email or text them to me. First prize will be \$100, second \$50 and third \$25.

Cheers Phil Corbett Editor

Text 0419 196 330
Email: dragun@abclass.com.au

**OUR CLUB MEETINGS ARE HELD ON THE FIRST
TUESDAY OF EACH MONTH
(EXCEPT JANUARY)**

**AT THE W.G. HAYDEN HUMANITIES CENTRE
CNR. SOUTH AND NICHOLAS STREETS, IPSWICH
7.30PM.
VISITORS WELCOME**

Annual General Meeting (AGM)

The Club's Annual General Meeting for 2019/20 will be on Tuesday 6th August. A nomination form is included with this Newsletter. Nominate who you would like to see on the Committee for 2019 - 2020. The forms must be back to the Secretary by 23rd July.

Membership

Membership Fees for the 2019 - 20 year are now due.

Please see the treasurer at the meeting to pay your annual fees. Membership is \$25.00 for single and \$30.00 for a family membership.

If you wish to pay by direct debit please contact Noela for our bank account details. Noela's number is 07 3281 4165

June Meeting

Guest Speaker will be Trevor Weatherhead AM. Trevor will be giving a presentation on Queen Rearing.

Members' Door Prize is a bee veil.

Flora - June

In June we should be seeing Broad Leaved Ironbark, Mountain Coolibah, Dogwood, Paper Barked Tea Tree, White Box, Yapunyah, Blue Gum, Spotted Gum and Swamp Messmate.

Country Women's Association studying honey

Each year the Qld Country Women's Association (CWA) chooses one agri-product to study. This year, 2019, the subject chosen is "honey". Their interest lies not just in honey but in all that relates to bees, beekeeping, pollination, beeswax, medicinal, etc. There have been requests from some Qld CWA Branches for a beekeeper to give a talk at one of their meetings. However, most do not have contact details for a beekeeper. If you are able and willing to consider giving a talk please contact your local CWA.

HOW TO MAKE CONTACT WITH THE CWA GROUPS NEAR YOU?

Go to the Qld CWA's web site <http://www.qcwa.org.au/> then to "Find your nearest Branch".

Enter your town or postcode and the nearest CWA Branch will be shown along with many Branches within several kilometres.

This Month

HOW I STARTED IN BEES.

A FIVE-MINUTE TALK ABOUT "HOW YOU BECAME A BEEKEEPER".

JUNE - ROBERT BUMSTEAD
JULY - NOEL BOWERS

SUPPER ROSTER

JUNE

GEOFF JAMES, GLORIA & NAOMI JONES AND RANDALL KIRKWOOD

JULY

COLIN & EILISH KIRKWOOD, DIANA LEEMON & STEPHEN FIRTH

NOTE: IF YOU ARE ON THE SUPPER OR ROOM SET UP ROSTER AND UNABLE TO ATTEND THE MEETING, PLEASE ENSURE YOU ADVISE SECRETARY NOELA SO THAT A SUBSTITUTE MEMBER CAN BE FOUND.



ROOM SET UP

JUNE

KEN BANNISTER

JULY

STEPHEN BAXENDALE

Show Dates 2019

| | | |
|-------------|--------------------------|--|
| Boonah | 31st May & 1st June 2019 | www.boonahshowsociety.org.au |
| Toogoolawah | 7th & 8th June 2019 | www.toogoolawahshowsociety.org.au |
| Lowood | 14th & 15th June 2019 | www.lowoodshowsociety.com.au |
| Kalbar | 21st & 22nd June 2019 | www.kalbarshow.net.au |
| Rosewood | 28th & 29th June 2018 | www.rosewoodshow.com |
| Redcliffe | 28th to 30th June 2019 | www.redcliffeshow.org.au |
| EKKA | 9th - 18th August 2019 | www.ekka.com.au |

Show Results

| MARBURG | |
|-----------------|--|
| Peter McDougall | 1 First – Champion Honey |
| Albert Payne | 2 Firsts & 1 Second – Reserve Champion |
| Beau Rush | 4 Firsts, 5 Seconds & 2 Thirds. |
| P&N Geeves | 3 Firsts and 4 Seconds. |
| Ken Freiberg | 3 Firsts & 3 Seconds |
| Mark Rook | 2 Firsts |
| Naomi Jones | 2 Firsts |
| Peter Waldron | 1 First, 1 Second & 1 Third |

| IPSWICH | |
|---------------------|---|
| P & N Geeves | 6 Firsts, 2 Seconds & 2 Thirds. Most successful exhibitor classes 1-8 & Champion Honey |
| Fran Bousen | 1 First, 1 Second & 1 Third. Most successful exhibitor classes 9-13 |
| Beau Rush | 6 Firsts, 6 Seconds, 1 Third. Most successful exhibitor classes 17-22, Champion Bees Wax & Most Successful Exhibitor. |
| Ken Freiberg | 3 Firsts, 5 Seconds & 1 Third |
| Peter McDougall | 1 First |
| Mark Rook | 1 First, 1 Second |
| Phil & Mary Corbett | 1 First, 1 Second & 1 Third |
| Peter Waldron | 1 First & 1 Second |
| Naomi Jones: | 1 Second |
| Zoe Wallace: | 1 Second |

Ipswich Show Review

Many thanks to everyone that helped at the Ipswich Show, from the setting up on the Thursday night, manning the honey stand over the 3 days, as well as helping pack everything up after the show on the Monday.

Unfortunately show attendance seemed to be down with noticeably smaller crowds than previous years. We believe this was partly due to the wet weather on the Friday, the election and sport on the Saturday and Sunday coinciding with many other social events. Consequently the Club's takings were down on last year. Apart from that everything else went as planned, with some very successful live bee demonstrations, and our Strawberry creamed honey sold out in two days. Finally, congratulations to all those who won a place in the honey and wax competition at the Show. This is by far the biggest show other than the Ekka that we enter, so well done to you all.

Honey For Sale

A number of jars of honey remain unsold following the Ipswich Show and are available to members for purchase @ \$3.00 per 500g jar. There is also a small amount of creamed honey for sale as well @ \$7.00 per container. If you would like to buy any please ring Noela to place your order before the June Meeting. Phone Noela on 07 3281 4165

Equipment For Sale

Grahame Yates, one of our commercial beekeepers has some equipment for sale if any of our members are looking to upgrade in the extracting room. The equipment is in good order but Grahame is upgrading to a larger machine, so he has for sale:

A 42 frame radial extractor. A honey sump that can be used with above extractor.
Two honey storage tanks with warmers fitted, one is approximately 300 litres and the other is around 250 litres. If interested please contact Grahame directly on [3288 8238](tel:32888238)

Name Badges

Please wear your badge to all club events and meetings. We currently have over 300 paid up members and it's almost impossible to remember everyone's name. It also shows that you are a member and it helps with introductions. We would ask that you try not to lose your badge. We can order replacements but the cost of \$13 will need to be paid by the member for any replacements.

Club shirts, badges and caps

If any members of the Club are interested in having a club shirt and/or badge, please see Secretary Noela. The price of shirts is \$18.00 and the badge is now only \$4.00.

Library

Library books and DVDs are able to be borrowed for one month at a time. If you wish to keep the book, or DVD for another month, bring it back and it can be re-issued to you. Any books or DVDs lost or damaged will need to be paid for by the borrower.

Committee Meeting

The next committee meeting will be held on the 10th June

Support those who support you

Our club has been very fortunate to benefit from the generosity of Noel Hutchinson of Quality Beekeeping Supplies (3376 5404), and Burnett Beekeeping Supplies (0429 130 167). Please remember these very good friends when you require Apiary supplies.

Beeswax Wanted

Noel at Quality Beekeeping Supplies is interested in buying beeswax, any quantity, small or large. Contact Noel at Quality Beekeeping Supplies on 3376 5404.

Items for Purchase by Members

Apithor Beetle Traps (Members only)

The club currently has stock of beetle traps. They will be available at the next meeting at the cost of \$6.00 each. If you need large numbers of these please advise Noela beforehand.

Honey Buckets, Bottles and Jars (Members only)



If you require a large number of jars (more than 100) we respectfully request that you purchase them from one of our recommended Apiary Suppliers. Should you wish to purchase jars from the club please talk to Noela 07 3281 4165.

- Plastic 1 kg jars are 70c each and are available in 50 or 100 jar cartons.
- New 20 litre honey buckets with lids are \$7.00 each.
- 500g bottles for competitions are available at 90c each.

The club does not stock or supply items other than the items mentioned.

Items for Hire by Members

Wax Melter (members only)

The club now has a wax melter available for hire. Please Contact Peter Anderson if you would like to access this club equipment. Phone: 3800 3562.

Wiring Board (Members only)

Just a reminder the club has available for loan to members a wiring board, a box to make frames up in and an embedder to put the wax on the frames. Our thanks to Noel Scholz for these items.

Extracting Van Hire (Members only)

Should any member wish to hire the club van please contact Peter Anderson on 3800 3562 to make a booking. The cost of using the van is \$20.00 per day

Club Hand Extractor (Members only)

The club has two hand extractors for hire by members who only have a small number of frames to extract. To hire one of the extractors members should book and pay at the Club meeting prior to picking it up. The cost is \$10.00 per day for a max of 7 days. The extractor must be returned clean. An electric uncapping knife will go out with each extractor.

Depending upon your location

Peter Anderson at Forestdale has one of them. Phone: 3800 3562
Phil Geeves at Blackstone has the other one. Phone: 0409 485 447

Articles

Nutritional Requirements of Honey Bees

Thanks to Ian Workman for this article a good follow up to last month's Chalk-brood item. Please note: This is an extract from the full article which can be found at;

<https://www.honeybee.com.au/Library/pollen/nutrition.html>

Honey bees, like all animals, require a balanced diet of sugar, protein, vitamins and minerals. Water is also a vital nutritional requirement.

Nectar/Energy

Nectar is bees' energy source and is extremely important for growth, breeding, flying and keeping warm.

In a supplementary feeding program, sugar is a most effective bee feed, because it stimulates the bees into breeding, foraging for pollen, and metabolising stored honey and protein. Sugar feeding can kick start bees into action. It can be used to capitalise on out-of-season honey flows, to prepare bees for pollination, start bees breeding earlier in the spring and to prepare hives for queen breeding. However, feeding sugar only is a stimulus to the bees and not a balanced diet.

Stored honey is a very good energy source, but bees are reluctant to use it unless they really need it. They use it only when there is no fresh nectar available, such as during a drought or in winter. It does not stimulate bees to breed, except in the spring when natural brood expansion occurs.

Pollen/Protein

Pollen is the bees' main source of protein, and is required for muscle growth in brood and young adult bees. Bees need pollen with at least 20% protein. Spotted gum pollen is 25% to 33% protein so is regarded as very good for hive build-up. Pine tree pollen is only 5% to 7% protein, so is a poor food source for bees.

Bees obtain pollen from flowers or from pollen stored in the combs. They can also draw on body-protein when they are protein-stressed, such as occurs in a spring build-up or a heavy honey flow. They consume body-protein to create royal jelly to feed their brood. This is similar to a cow using body tissue to produce milk for a calf.

Protein and Amino-acids

Protein is not just protein. Protein is made up of separate parts called amino-acids.

Building up body muscle with protein is a bit like building a house. The protein can be likened to the "building materials" as a whole. The amino-acids are like the individual kinds of building materials, such as timber studs, bricks, window glass, nails and roofing iron. However, in the case of protein, most amino-acids can be reconstituted from other amino-acids.

Essential Amino-acids

Some amino-acids are an essential part of the protein digested by the bees, while others are reconstituted from surplus non-essential amino-acids. Essential amino-acids are required in definite proportions of the protein digested as protein.

If one of these essential amino-acids is not present in the amount required by the bees, then the bees cannot fully digest as protein all the protein they have eaten. For instance, if one of the amino-acids is required at 4% and is only available at 3%, then only three-quarters of the total protein consumed can be utilised by the bees, as body-building protein.

Analysis of pollen protein has indicated that most of these essential amino-acids are at satisfactory levels. However, Iso-leucine and on a few occasions Valine are below these desired levels.

Protein and Stress

Bees require protein at different rates, according to the level of stress they are under.

By understanding the concept of bee stress, beekeepers are able to make better management decisions about bee nutrition.

High Stress situations

Honey bees in a high stress situation require surplus pollen with a digestible crude protein level greater than 20%. The higher the stress the greater their need for protein.

High stress in beehives occurs when:

The bees are on a honey flow. The heavier the honey flow the greater the stress.

The bees are increasing their breeding rate or brood area, as occurs in spring or during a high nectar stimulated breeding program. (Stace 1994)

It is too cool or too hot (below 20°C or over 35°C) and the bees are working hard for their pollen and nectar (eg. a white box winter honey flow, or lucerne in summer).

Turf war: Mass bee deaths linked to fighting swarms

A Geographe Bay resident was shocked to find hundreds of honey bees had dropped dead in his backyard after they had been buzzing around a flowering gum tree. Andrew Sexton said the bees had dropped in large numbers over the last week, when they hit the ground they would stumble around then die.



"This seems to have been going on for a whole week," he said.

Sheila Jacobs said once the bees dropped they could not fly or navigate, they would fall over and crawl on their side before flipping on their backs and dying. "Something is wrong but I am not sure what," Mr Sexton said.

Busselton Bee Man Trevor Hooper is a registered apiarist in Busselton who relocates bees nesting in and around homes and buildings throughout the South West. Mr Hooper said at this

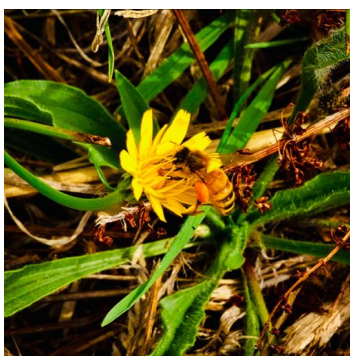
time of year there was a poor nectar flow and there would be one group of bees defending a tree if it was flowering. He said the bees would be stopping other groups of bees from taking the nectar, and once the strongest hive had possession of a tree they would defend it vigorously by attacking the weaker group. "The bees fight then drop to the ground and that is the end of them, would you believe they can actually do that," he said.

An Australian study, published in the *American Naturalist Journal* in 2014, found it was common for people to see big swarms of bees around trees and houses, which were fighting swarms.

The *BBC* reported in 2014 that the study's lead author Dr Paul Cunningham said if you stood under a swarm, you could see bees dropping out of the air. The article stated the bees would grab hold of each other in a death grip and both bees would die. The fighting bees were female members of a colony that could not reproduce but collected pollen.

Source: <https://www.margaretrivermail.com.au/story/6084189/turf-war-mass-bee-deaths-linked-to-fighting-swarms/>

This Month's Pictures



Frank Gaynor
Pollen baskets full



Kristine Meagher
Hard at Work



Rhiana Pearce
Enjoying the Sun



PLEASE FORWARD ANY INTERESTING ARTICLES OR PHOTOS TO ME AT
DRAGUN@ABCLASS.COM.AU
 THANK YOU PHIL CORBETT
 BEE FLIGHT EDITOR AND WEBSITE MANAGER

I&WMBA COMMITTEE 2018- 2019

| | | | |
|----------------------|----------------|--------------|--|
| Patron | Norm Hinton | | |
| President | Phil Geeves | 0409 485 447 | pwgeeves@tpg.com.au |
| Vice President | George Pallot | 07 3202 8332 | riverbee@bigpond.net.au |
| Secretary | Noela Geeves | 07 3281 4165 | beelady61@hotmail.com |
| Assistant Secretary | Mike Trott | 07 5464 1949 | sentosabee@gmail.com |
| Committee | Phil Dunlop | 07 5465 1919 | phildunlop59@outlook.com |
| Treasurer (Interim) | Bec Hendry | 0408 878 103 | bec@hendryfamily.net |
| Committee | Grahame Yates | 07 3288 8238 | NONE |
| Committee | Shane O'Reilly | 07 5464 6138 | lessbane@skymesh.com.au |
| Newsletter & website | Phil Corbett | 0419 196 330 | dragun@abclass.com.au |

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IPSWICH AND WEST MORETON BEEKEEPERS ASSOCIATION INCORPORATED

Nomination for Management Committee 2019 - 2020

Nominations for the positions on the Management Committee must reach the Secretary at 40 Whitehill Road Eastern Heights 4305 by 23rd July 2019

There are nine members on the management committee:

- President
- Vice President
- Treasurer Secretary
- Assistant Secretary
- 4 Committee Members

All parties to the nomination form must be financial members of the club.

I _____
Name of Proposer

Being a financial member of the Ipswich and West Moreton Beekeepers Association Inc.

Hereby Nominate _____
Name of Nominee

For the position of _____

On the management of the above Association

Signed _____ Proposer

Signed _____ Seconder