



BEE FLIGHT

Presidents Report

With spring approaching, it is time to consider when you need to carry out spring management in your apiary. When performing spring management it is important to check that your bees are healthy and ready for summer, in particular you should check your hives for AFB (American Foul Brood). If you are unsure what to look for please contact one of the committee and we will be happy to help with this process.

With the continued dry weather please also remember to ensure your bees have ready access to water in the apiary. Bees without water are at risk and can become a nuisance to your neighbours.

With the AGM behind us, the committee is planning another exciting year of activities for members. If there is a particular subject that you would like to hear about, or an activity you would like to do please approach myself or one of my fellow committee members and we will do our best to make it happen. Next year our Club will be hosting our biennial field-day in March. This event takes a lot of time and effort to plan. I encourage all members to put forward suggestions for this event early so that the committee can look to secure interesting items for the day. For the benefit of all members we have organised a practical day on the 10th November at Pine Mountain. This will be a hands on day where we will be opening and re-queening hives as well as other hive management practices. I encourage all members and in particular our newer members to attend this day. It will be an opportunity to obtain experience handling bees under the supervision of experienced beekeepers. Further details are in this newsletter.

Phil Geeves - Club President



This Month

HOW I STARTED IN BEES.

A five-minute talk about "How you became a Beekeeper".

SEPTEMBER

DENIS MANNING

OCTOBER

GRAHAME YATES

SUPPER ROSTER

SEPTEMBER

**HERNAN MARTINEZ,
TERRY MCALLISTER, PETER
MCDUGALL AND TRUDI
MOORE.**

OCTOBER

**JIM MULLER, TREVOR NARDI,
JILL NELSON AND
SHANE O'REILLY**

**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

SEPTEMBER

ADAM BLAIR

OCTOBER

PHILIP BOOTH

*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*

Remember there are now only a couple of months left to place entries in our PHOTO competition for "Bee Pictures." Entries will be accepted up until the 3rd of November. At the December meeting the Committee award the top 3 pictures 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

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

Dates to Remember

Next Club meeting - 3rd Sept
Committee Meeting - 9th September

Practical Day - 10th Nov

I&WMBA Elected Committee for 2019-20

1. President - Phillip Geeves
2. Vice President - George Pallot
3. Secretary - Noela Geeves
4. Treasurer - Bec Hendry
5. Assistant Secretary - Mike Trott
6. Committee - Phil Corbett (newsletter & website)
7. Committee - Grahame Yates
8. Committee - Phil Dunlop
9. Committee - Shane O'Reilly



Lucky Door Prize

This year we have decided to do something a little bit different with our door prize. Every month for the next 11 meetings starting September, the door prize will be a **full hive kit (a bottom board, a lid, brood box, super and a Queen excluder)**. A fantastic prize especially for new beekeepers trying to build up the hive numbers. Winners will receive a token to collect their prize from Quality Bee Keeping Supplies. Remember you can only win it if you are at the meeting and you are a financial member of the Club.

Members List

Each year in October we distribute our club members list, with the details of financial members for the year. If any of your contact details have changed since the last update please contact our club secretary regarding the changes.

September Meeting

Guest Speaker for September will be Phil Geeves - Telling us a fantastic story from our club's history with a slide show.

Nucleus Hives (Members Only)

This year the club hopes once again to make Nucleus Hives available to members. Preference will be given to newer members that do not yet have any bees.

This year the Nuc's will be provided in corflute non-returnable hive boxes each with a marked Queen, bees and 5 frames. Club nucleus hives will be \$120.00 Please see Phil Geeves if you are interested in a Nuc, and your name will be put on our list.

Phil Geeves' email is: pwgeeves@tpg.com.au Tel 0409 485 447

Practical Day (Hands on learning Experience)

Please keep Sunday 10th November free as there will be a Practical Day at Wayne Rossiter's Property at Pine Mountain commencing at 10.00am. . It will be an experience based learning day and will be of particular benefit to new beekeepers. We will be carrying out maintenance and health checks on the Club Hives. The day will start at 10.00am with morning tea followed by the hive work. There will be an opportunity to chat with other members and enjoy a sausage sizzle lunch. This is a huge learning day for new beekeepers. Write this day in your diaries. Numbers will be called for at the November Meeting for catering purposes.. If you will not be at the November Meeting and wish to attend the Practical Day please contact Secretary Noela before Friday 8th November.

REMEMBER YOU WILL NEED TO BRING YOUR BEE GEAR.

Honey For Sale

There is still some creamed honey available in cinnamon for sale at \$7.00 per container. Ring Noela before the meeting if you require any.

Corinda High School

Have 4 or 5 Flow hives and need bees to fill them to start production, if anyone is prepared to donate or sell a hive . If anyone can help contact either John on 0428646613 or Lloyd on 0498395352 . They require the bees and frames for the brood chamber but not the boxes.

Queens (members only)

Phil Geeves has now ordered Queens for delivery in October & November. You must order Queens and pay for them in advance. They will be supplied on a first come, first served basis.

Anticipated dates for collection are:

- **October 26th**
- **November 2nd**
- **November 9th.**

Pick up from Phil's yard at the back of his house between 8.00am and noon. 16 Alice St Blackstone. Please go round the back, do not go to the front door.

Show Results

EKKA	
Beau Rush	2 Firsts, 3 Seconds & 1 Third
Albert Payne	1 Second, 2 Thirds & 1 Fourth
Peter Waldron	1 First, 1 Second & 1 Third
Ken Freiberg	2 Firsts, 3 Thirds & 3 Fourths
Fran Bousen	2 Thirds
Mark Rook	1 First
P & N Geeves	2 Firsts, 2 Seconds & 1 Third
Carl Voigt	1 First

Flora - September

In September look out for Dogwood Flat Weed, Grey Ironbark, Mugga Ironbark, Narrow-Leafed Ironbark, Narrow - Leaved Grey Gum, River Mangrove, Weeping Tea Tree, White Clover, Yapunyah, Yellow Box, White Mahogany, Tallowwood, Red Bottlebrush and Lavender.

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. Try not to lose your badge, as we can order replacements but at a cost of \$13 for the member.

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 9th September

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



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

Articles

Insect 'apocalypse' in U.S. driven by 50x increase in toxic pesticides

Bees, butterflies, and other insects are under attack by the very plants they feed on as U.S. agriculture continues to use chemicals known to kill.

America's agricultural landscape is now 48 times more toxic to honeybees, and likely other insects, than it was 25 years ago, almost entirely due to widespread use of so-called neonicotinoid pesticides, according to a new study published today in the journal PLOS One.

This enormous rise in toxicity matches the sharp declines in bees, butterflies, and other pollinators as well as birds, says co-author Kendra Klein, senior staff scientist at Friends of the Earth US.

"This is the second *Silent Spring*. Neonics are like a new DDT, except they are a thousand times more toxic to bees than DDT was," Klein says in an interview.

Using a new tool that measures toxicity to honey bees, the length of time a pesticide remains toxic, and the amount used in a year, Klein and researchers from three other institutions determined that the new generation of pesticides has made agriculture far more toxic to insects. Honey bees are used as a proxy for all insects. The U.S. Environmental Protection Agency does the same thing when requiring toxicity data for pesticide registration purposes, she explained.

The study found that neonics accounted for 92 percent of this increased toxicity. Neonics are not only incredibly toxic to honeybees, they can remain toxic for more than 1,000 days in the environment, said Klein.

"The good news is that we don't need neonics," she says. "We have four decades of research and evidence that agroecological farming methods can grow our food without decimating pollinators."

Source: https://www.nationalgeographic.com/environment/2019/08/insect-apocalypse-under-way-toxic-pesticides-agriculture/?cmpid=org=ngp::mc=crm-email::src=ngp::cmp=editorial::add=Science_20190814&rid=C5DF26D1730557954149B335E82E1665

Thanks to Lloyd for the above article.

A solar-powered robot bee shows how insect drones may take flight

This tiny, solar-powered, bee-like robot could be the future of drones. One day, anyway.

Flying machine: The RoboBee X-Wing, developed at the Harvard Microrobotics Laboratory, is a remarkable feat of microengineering. It is the first insect-size aerial vehicle to fly without requiring a tether, and it uses recent advances in materials and engineering to achieve new power efficiency. A paper describing it appears in the journal *Nature* today. You can also watch a video of it in action [here](#).

Why wings? Flapping wings have several potential advantages over the propeller blades that give lift to conventional drones. Wings allow for greater agility and maneuverability, and they are both quieter and safer than propellers.

Intelligent design: Flapping aircraft have been built before now, and you can even buy a few toys that flap through the air. But these machines lack any real control, and they have nothing like the power efficiency of a real bird or insect. Indeed, most tiny drones require a tether connected to an external power source in order to fly. The RoboBee instead collects its own power from several tiny solar panels perched above its wings.



Work to do: The RoboBee looks a bit awkward, and it certainly isn't ready to be commercialized. It requires an intense light source (three times the strength of regular sunlight), and it can only fly for a few seconds at a time. Still, it points to a future when winged drones might weave through buildings and busy urban areas with unnerving ease.

Source: <https://www.technologyreview.com/f/613886/robot-bee-solar-powered-flying-drones/>

I&WMBA COMMITTEE 2019 - 2020			
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	Bec Hendry	0408 878 103	bec@hendryfamily.net
Committee	Grahame Yates	07 3288 8238	NONE
Committee	Shane O'Reilly	07 5464 6138	lessshane@skymesh.com.au
Newsletter & website	Phil Corbett	0419 196 330	dragun@abclass.com.au

Disclaimer

The Content of our newsletter is general in nature. It is made available on the understanding that the I&WMBA is not thereby engaged in rendering professional advice. Links to other websites are inserted for convenience and do not constitute endorsement of material at those sites, or any associated organisation, product or service. In no event will we be liable for any loss or damage including without limitation, indirect or consequential loss or damage, or any loss or damage whatsoever arising from loss of data or profits arising out of, or in connection with this newsletter.