

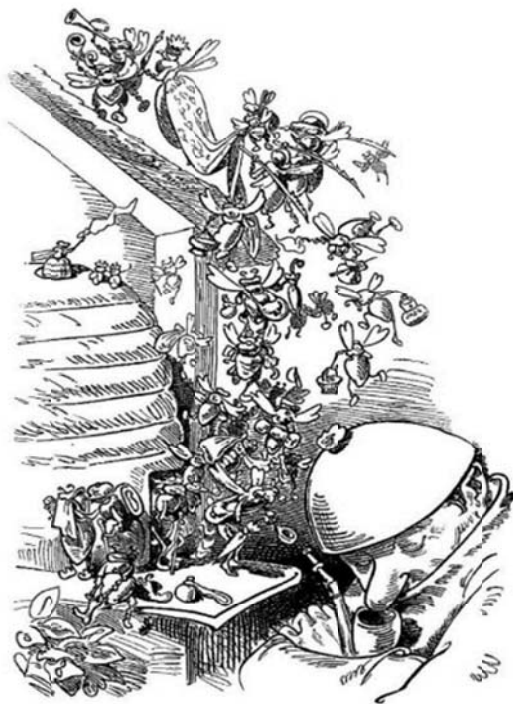


Next Club Meeting

19th August 2015, Guest Speaker Dr Lamorna Osborne “Medical Honey”

Word from the President

Hi all, we are going to be very busy at the end of this month with 3 different activities in one weekend. Now is the time to check your apiary and maintain all wood and waxwork. For those of you that subscribe to the Australasian Beekeeper, look up the articles on pages 64 Spring management and 85 the cost of producing honey. Please let me know if there are any items that you would like included in our meetings, field days or workshops.



Beekeepers are being urged to monitor their hives closely. *Nosema apis* is a microsporidian, a small, unicellular parasite recently reclassified as a fungus that mainly affects honey bees. It causes nosemosis, also called nosema, which is the



most common and widespread of adult honey bee diseases. It can cause queens to stop laying eggs. <http://www.rirdc.gov.au/news>

For more information on what to look for? How to prevent it? How to treat it? Please up load or ask your Member Liaison Officer to provide you with a printed copy of Plant Health Australia Factsheet

<http://www.planthealthaustralia.com.au/wp-content/uploads/2013/03/Nosemosis-FS.pdf>

Amazing Time-Lapse: Bees Hatch before Your Eyes

<http://video.nationalgeographic.com/video>

The White House plans to help the bee maintain its buzz. Estimated colony losses during winter 2014 in USA are over 40%. White House spokesman Josh Earnest said Friday "there is a clear economic incentive for us" to protect pollinators because the crops they pollinate "have an impact of about \$24 billion a year on the United States economy." Obama administration has announced the first National Strategy to Promote the Health of Honey Bees.

Read more here: <http://www.washingtonpost.com/blogs>

Did you know: NSW is Australia's biggest beekeeping state? It is estimated that the NSW beekeeping industry contribute around \$36 million annually to the state's economy through the production of honey, bees wax and other hive products. While the pollination services provided by honey bees are estimated at \$4-6 billion nationally. There are currently around 3,000 registered beekeepers in NSW, which represents about 45 per cent of Australia's beekeeping industry. <http://www.nswaa.com.au/>

Bee foraging in uncertain environments using predictive hebbian learning

You've read studies on how bees navigate and that they make individual decision when planning there flight paths.

We can add to it now gustatory stimuli, Tastes buds that taste smells. These taste buds are located on bee antenna and also on their front legs (tarsal taste buds). They can remember smells. This is also called Predictive hebbian learning. When their brain processes this information, remembers and makes repeated decisions because of the smells.

In a nut shell: bees taste smells and it influences their decision making, much like the position of the sun, land markers, colour, flight distance or vibrations. For more detailed information go to <http://www.nature.com/nature/journal> look for Nature 377, 725 - 728 doi:10.1038/377725a0;

Varroa mite infiltrating bee hives by camouflaging themselves.
New research led by the Michigan State University has revealed that Varroa mites are smelling like bees through a process of chemical camouflage in only a matter of days, rather than evolving over generations. Read more at <http://www.msu.edu/> “A smelling bee”

Amateur Beekeepers Association Aug/Sep News Letter Once again a big news letter with a lot of interesting articles. Have you received it by email? If not visit www.beekeepers.asn.au, or contact Lindsay (0417952585) for a hard copy.

Grain farmers taking Ontario (Toronto) to court over neonicotinoid pesticides
28,000 corn, soybean and wheat producers of Ontario are taking their province to Superior Court in Toronto over regulations that restrict the use of a controversial class of pesticides targeted by environmentalists concerned about bee deaths.
<http://www.financialpost.com>

More articles to read at the <http://beeaware.org.au/>

Small hive beetle removed from SA notifiable pests list
Bees are worth billions to farmers across the globe
Swarm of Asian honey bees destroyed in Darwin
Developing a species of bee resistant to the dreaded Varroa mite
Next Month news topics
More on the Nosema- disease.
Bayer is talking bees

Treasurer Report

The Books have been audited by an accountant before handing over to Lindsay. The books will be audited each year. Lindsay is looking at the services of other banking institutions to find the best service, preferable one that also opens at the weekend.

Word from the Vice

With the weather still so cold, it is not advisable to open your hives for more than a cursory check to see if the bees have still got sufficient food reserves. It really is worth supplemental feeding rather than have colonies die from starvation

Would you like to add an interesting or important date to our newsletter, please contact Miskell 0437 913 831

Diary Dates

Tim's Garden Centre

29th August 2015 Saturday Campbelltown, Beekeeping, demonstrations, members are invited to participate and make it a great Meet the Public Event Why and what to bring? Contact Caroline 0402 855 093 secretary@macbeekeepers.asn.au

Riverfest

29th August 2015 Saturday Campbelltown see Anthony for details

Harrington Grove

30th August 2015 Sunday. This will be our first visit to this inaugural fair. See Lindsay for further details.

Tamworth Branch Field Day

12th September 2015 Saturday NSW DPI Advisory Officer, Doug Somerville will be holding the Field day, at the Tamworth Agricultural Institute (DPI) 4 Marsden Park Road, Tamworth NSW 2340 Ray Hull on 0407 469 176, RSVP Norm Maher 0447603245 normmaher@hotmail.com

Club Meeting

16th September 2015 Wednesday 7:30pm, Power Point Presentation by Eddie Sijnstra

Publicity Activity

23rd and 24th September 2015 10am – 3pm, Schools visit to the Centre for Sustainable Living Mount Annan. See Alistair, Miskell or Caroline if you wish to participate.

Twilight Markets

25th September 3:30 to 8:30 pm Macarthur Center for Sustainable Living

Beginning in Bees Course Sutherland, 26th September 2015

club@beekeeperssutherland.org.au

To Bee or Not to Bee

1 October 2015 Bruce White Time:06.30 PM to 07.45 PM

Location: Australian Museum entry via William Street Admission: Members \$20, non-Members \$30 - See more at: <http://australianmuseum.net.au/>

Field Day

3rd October 21015 Saturday 9am at Club Apiary, weather permitting contact Anthony 0412 577 828 apiary@macbeekeepers.asn.au

Club Meeting

21st October 2015 Wednesday 7:30pm, Would you like to pick a topic for this meeting? please contact Miskell 0437 913 831 vicepresident@macbeekeepers.asn.au

Total Beekeeping Field Day

24th October 2015 Saturday Hop on the bus with Anthony 0412577828 early bookings are recommended

Christmas Party Bohemian Restaurant Narellan

Details from Anthony 0412577828 booking and pre-payment is required.