

# TARA TIDINGS



**JUNE 20TH, 2016**

**Meeting @ 7:00 p.m-**

**Speaker: P.N. and Buster**

**Build a Solar Wax Melter**



**Tara Beekeepers  
Association**



# ANNOUNCEMENTS

*Check out the web site  
Tarabeekeepers.org*

*Need Donations For  
Monthly Prize Drawings*

*http://www.beeseech.org  
to plant specific native flowers highly beneficial to  
the bees in your neighborhood*

*-Jeremy Hughes*



*Follow Us* @ Facebook.com/TaraBeekeepersAssociation

## ***ADDITIONAL WEBSITES***

**Tara beekeepers Association**

[www.tarabeekeepers.org](http://www.tarabeekeepers.org)

**Georgia Beekeepers Association**

[www.gabeekeeping.com](http://www.gabeekeeping.com)

**UGA Beekeepers**

[www.ent.uga.edu/bees](http://www.ent.uga.edu/bees)





# TOOLTALK

June

Robbing. Need I say more. I checked one of my hives and when I went out on Friday the other bees were robbing it. I closed it up. So today I am going to let them out and see what happens.

Interesting behaviour as in my backyard I have thousands of blooms available but we have not had as much rain as we need, last month one of our members pointed this out to us and so not much nectar. I learned at Young Harris that if you open up all your hives this may decrease the robbing as suddenly the bees need to stay home. I didn't learn how long you were supposed to keep the hives opened up? If this does not work with this hive and there are still enough bees in there and I see a queen I will try this.

I have been away for three weeks in England and was very interested in seeing how they farm. Around the farm there were plenty of weeds and natural forage. In the towns they had let the weeds and flowers grow unmowed, and when they did mow the fields only the edges were cut and not all the weeds. They actually spray this empty land with a gel that contains seeds for pollinators. At least that was what one tour guide told me. He said they (the government was worried about pollinators and every little bit helps). The farms are very close to each city or town.

I wish that the people who run the government would think about this. I think the pollinator plan is great but really only affects those of us who care about pollinators. The pesticide industry is gearing up for spraying for mosquitoes. I have received at least 4 flyers in the mail about getting our yard "done". They are using the Zika virus to scare the residents, although the US has not had the amount of suspected cases since we all suddenly learned about this virus. Well....

Hope to see you at the meeting, keep your smoker lit, hive tool near and your fire extinguisher handy!

- MARY

# 2016 TARA CALENDAR

- June 20th** Meeting @ 7:00p.m - Speaker: P.N. and Buster- Build a Solar Wax Melter
- June quarterly raffle prize-Solar Wax Melter**
- July 18th** Meeting @ 7:00 p.m-Speaker:Buster Lane-Feeding your Bees
- July 19st** Board meeting @ 6:30 p.m-Pot luck Dinner
- August 15th** Meeting @ 7:00 p.m-Speaker:Keith Fielder-Ten most common mistakes made by beekeepers.
- September 19th** Meeting @ 7:00p.m-Speaker-Debbie King-RN
- September quarterly raffle prize-Smoker**
- October 15th** Annual Tara Picnic at Rick & Joann Minters Farm 11:00 a.m
- October 17th** NO MEETING THIS MONTH
- October 18th** Board meeting @ 6:30 p.m-Pot luck Dinner
- November 5th** Short course @ 8:00 a.m. until 4:00 p.m-Kiwanis club Building
- November 21st** Meeting @ 7:00 p.m-Speaker: Jerry and Jeanie Edwards- How to make lip balm and lotion with the honey and beeswax you have  
Honey show and Officer Elections
- December 5th** Annual Christmas Party @ 5:45 p.m-Kiwanis club building
- December quarterly raffle prize-\$250.00 cash-A Hive-donated by P.N. Williams**

# WE NEED YOUR HELP!

Our Board of Directors is still looking for members to step up and **TAKE OWNERSHIP OF YOUR CLUB.**

Please volunteer to help with any of the club's various Jobs, committee positions, and service project assignments

The Club needs volunteers to

Take a turn bringing a dish to our monthly meetings in 2015

Please help with this important effort; our socials following the monthly meetings offer opportunities to mingle with your fellow beekeepers and foster cohesiveness in our group.

Here are some other great jobs and positions (to inquire, simply send an e-mail to [president@tarabeekeepers.org](mailto:president@tarabeekeepers.org)):

## PROJECTS:

- Hive Inspection Leader

## JOB:

- Webmaster  
-Website Contributor  
-Newsletter Editor  
-Newsletter Contributor  
-Club Librarian  
-Cookbook Contributor

## COMMITTEES:

-2015 Picnic  
-2015 Audit  
-2015 Beekeeper of the year  
-2015 Christmas Party

## SERVICE:

- Public Speaker in Community

# CATCH THE BUZZ – HOW HONEY BEES DO WITHOUT MALES



*An isolated population of honeybees, the Cape bees, living in South Africa has evolved a strategy to reproduce without males. A research team from Uppsala University has sequenced the entire genomes of a sample of Cape bees and compared them with other populations of honeybees to find out the genetic mechanisms behind their asexual reproduction.*

*Credit: Mike Allsopp*

***A**n isolated population of honey bees, the Cape bees, living in South Africa has evolved a strategy to reproduce without males. A research team from Uppsala University has sequenced the entire genomes of a sample of Cape bees and compared them with other populations of honey bees to find out the genetic mechanisms behind their asexual reproduction.*

*Most animals reproduce sexually, which means that both males and females are required for the species to survive. Normally, the honey bee is no exception to this rule: the female queen bee produces new offspring by laying eggs that have been fertilised by sperm from male drones. However, one isolated population of honey bees living in the southern Cape of Africa has evolved a strategy to do without males.*

*In the Cape bee, female worker bees are able to reproduce asexually: they lay eggs that are essentially fertilised by their own DNA, which develop into new worker bees. Such bees are also able to invade the nests of other bees and continue to reproduce in this fashion, eventually taking over the foreign nests, a behaviour called social parasitism.*

*The explanation for this unique behaviour is unknown, however a research team from UU has come closer to uncovering the genetic mechanisms behind it. The team sequenced the entire genomes of a sample of Cape bees and compared them with other populations of honey bees that reproduce normally. They found striking differences at several genes, which can explain both the abnormal type of egg production that leads to reproduction without males, and the unique social parasitism behaviour.*

*‘The question of why this population of honey bees in South Africa has evolved to reproduce asexually is still a mystery. But understanding the genes involved brings us closer to understanding it. This study will help us to understand how genes control biological processes like cell division and behaviour. Furthermore understanding why populations sometimes reproduce asexually may help us to understand the evolutionary advantage of sex, which is a major conundrum for evolutionary biologists, says Matthew Webster’, researcher at the Department of Medical Biochemistry and Microbiology at Uppsala University.*

## Editor's Note

If you have an E-mail address, Please send it to me so we can get it in the directory.  
Monthly Tara Newsletters are also sent to members by the Internet.

Send me your articles, classified, comments and suggestions.

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## Membership Dues :

Make checks payable to:  
Tara Beekeepers Association dues are \$20.00  
Per family per year.

## Special thanks to the following

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