



CENTRAL COAST BEEKEEPERS NEWSLETTER

June 2019

ISSUE NUMBER 40

NEXT MEETING JUNE 26TH, 2019

PRESIDENT'S MESSAGE

By Jon Sumpter

How's this for sunshine folks, our girls are working hard. You folks with new hives are witnessing one of nature's wonders. The best spot to watch is right next to your hive looking around the corner at the entrance. There is nothing more beautiful than seeing the broad array of colors on the pollen sacks of your bees as they bring back the stores that they will need to feed their brood and build their stores for the coming winter.

Since we are looking at the food chain of our bees, this is an optimum time to hear about Honeybee nutrition, the focus of this month's meeting. This month's guest speaker is a member of the OSU Honeybee Lab. I am going to do her the courtesy of not butchering her name. Here is a short professional biography to show why we are the luckiest bee club on the coast. I know her as "Priya".

Dr. Priyadarshini Chakrabarti Basu is currently working as a post-doctoral researcher at the Honeybee Lab, Oregon State University. Priya's chief focus lies in improving bee health by understanding bee nutrition, deciphering the impacts of pesticides on pollinators and investigating the synergistic detrimental impacts of other stressors (such as pests and pathogens) on honeybees. Priya employ various research techniques such as molecular ecology,

neuroethology, insect physiology, ecotoxicology, mass spectrometry and apicultural practices to address her current research questions.

This month's meeting is going to be very interesting. Come one, come all.

Our June meeting is Wednesday, June 26th at 6 pm at the Newport Library. Dr. Priyadarshini Chakrabarti Basu, post-doctoral researcher at the Honeybee Lab, Oregon State University, will be talking about the importance of nutrition to our honeybee's health and will be sharing current research findings regarding what we can do to improve our bees health.

Keeping Bees in June

Jan Lohman

Where is your hive going from here? 2019 has been on the wrong side of exceptional in many regions of Oregon. Our spring began as usual, but then the cold jumped back on us and slowed down the growth for hives. Everything seemed delayed from North Central California to Washington. This may help to slow down the swarming tendencies of your hives. Also, 2018 was an unforgettable year for Varroa mite problems, and many hives succumbed to the pressure from mites. We all vow to do better in 2019, but it is hard to know what the solution might be.

SWARMING

Unfortunately, in beekeeping, swarming can be a deterrent to your honey production by splitting the population and eliminating the bees' ability to gather surplus-like starting over! To prevent swarming, it is helpful to pull brood and bees from large, overpopulated hives to boost smaller colonies or to add a new colony or to build nucs for your use later in a failing hive. You can pull a frame with very young eggs, along with some honey and capped brood and surplus bees, and allow the new hive or nuc to raise their own queen, or you can purchase a queen.

HONEY FLOWS

Bees and flowers have an inevitable connection and honey plants seem to be regional in nature. Understanding when your honey flow happens and what plants are responsible are an important part of beekeeping. It is great to record the date and source of honey surplus for the first few years of beekeeping because there are similarities in years, but also swings in the date that each plant produces.

HARVESTING HONEY

Remove bees from supers with either fume boards, blowers, or escape boards, and be sure to cover your honey with lids and nets to prevent robbing. Uncapping knives are used to remove cappings, and a scratcher is handy to remove spots that the uncapping knife cannot reach. If you are using a small extractor, balance the weight of the frames so that it does not dance across the floor. Heating and straining your honey during extracting delays the onset of granulation.

ALL ABOUT THE HIVE!

1. Always know your Varroa levels.
2. Do an egg check on your hive to be sure that your queen is laying.
3. Replace poorly performing queens.
4. Keep records for your hive, including date, weather, Varroa levels, eggs seen, larvae, and queen cells.

Bee a Beekeeper Not a Bee Haver!

Enjoy your Hive and Have a Great Summer

DON'T FORGET !!!

Oregon Dept. of Agriculture Apiary Registration

Every person who owns, or is in charge of, five or more colonies of bees located within the state or Oregon, must register their hives with the Oregon Department of Agriculture. If you currently own fewer than five hives, you are not required to register your bees at this time.

The current cost of apiary registration is \$10 with an additional charge of \$0.50 per colony for five or more hives. After July 1, the registration fee will increase to \$20. The fee per hive remains at \$0.50 per colony for five or more hives.

Click below to view Oregon's apiary registration rules and regulations and registration form.
<https://www.oregon.gov/ODA/programs/IPPM/InsectsSpiders/Pages/BeesApiaries.aspx>

Volunteers Needed for the Oregon State Fair OSBA Booth

Bonnie King is heading up the Oregon State Beekeeper's Association booth this year at the state fair. The state fair's theme is "Find Your Fun" and OSBA will focus on the fun of beekeeping in their booth this year. Please sign up to be a host in the booth! The shifts will be four hours this year, with up to four hosts in the booth per shift. Hosts receive entry tickets and parking passes. Please contact Bonnie King at bonjking@gmail.com, 503-864-2100

The Oregon Master Beekeeping Program is getting its 2020 Apprentice class organized which will start this coming January

This is a great program and many of our members have participated.

The Oregon Master Beekeeper Program is designed to improve and maintain healthy bee colonies through education and service. It represents a cooperation between Oregon State University and the Oregon State Beekeepers Association. The program provides a foundation of knowledge giving beekeepers a long-term, in-depth training beyond the standard class room experience and emphasizes hands-on experience.

There are three levels of certification: apprentice, journey and master levels of training.

Apprentice Level

Applicants with 1 year or less experience will participate in a two year program. You don't have to own your own hives. You can utilize the hives of your mentor for guidance, inspections and documentation. You have to meet the requirements of the first year to be assigned a mentor in the second year. Students coming into the program with 1-4 years would be assigned a mentor. The mentor will see him through the four seasons of beekeeping. Each meeting is documented with a seasonal checklist. Students will keep a log of the hive activity he observes as part of the learning experience.

Applicants who were not able to be matched next year will all, regardless of experience level, be offered the opportunity to start in the "Getting Started" slot so they will not have to wait another year to get into the program.

'Getting Started' 1 year or less experience	'Continued Learning' 1 to 4 years experience
• \$150 non-refundable fee	• No additional fee
• No hive required	• Hive access required
• No assigned mentor	• First in line for assigned mentor
• Earn 6 education points	• Earn 6 education points
• Mandatory attendance at an OMB Apprentice class for a minimum of 10 hours in person or via the web	• Additional class time is not required

<ul style="list-style-type: none"> • Spend 2 hours "in the bees"* 	<ul style="list-style-type: none"> • Meet with mentor "in the bees" 4 times to complete 4 field worksheets
<ul style="list-style-type: none"> • Pass an open book non-timed written exam with a score of 90% or better 	<ul style="list-style-type: none"> • Submit 4 hive maintenance log entries covering the bee year
<ul style="list-style-type: none"> • Complete all above requirements between January and September 2018 	<ul style="list-style-type: none"> • Complete all above requirements during 2019
Eligible to move to Continued Learning	Certified as an Apprentice & eligible to move to the Journey level

**Bee school, club field days, apiary visit or other activity that provides the opportunity to see someone work honey bees.*

The classroom training consists of eight two-hour blocks of instruction with an optional follow up to tie everything together. The classes will follow the text that is included, "The Beekeeper's Handbook" by Sammataro and Avitabile. On-line instruction is offered as well.

The open-book exam is worth a hundred points that can be taken at any time during the course. I like to think of it more as a "guided study"--there's no pressure and is meant to fix the information into your knowledge base.

Journey Level

Building on the apprentice experience and knowledge base the Journey Beekeeper gains and is able to demonstrate increasing skill and expertise with honey bees and colony management, expands knowledge and understanding of bees and their stewardship, and provides community service by sharing information about honey bees and beekeeping with the beekeeping community and the general public including time spent in classroom and field settings. Ability to work independently with a broad knowledge of and work in various areas of beekeeping is stressed.

The **Journey** and **Master** level will offer additional training in advanced beekeeping topics, such as queen rearing and integrated pest management. These levels require community service to educate others about honey bees and beekeeping.

The Master level also includes opportunities for bee-related research.

Even if you are just thinking about it get your name on the waiting list now.

There is no obligation to do the program. Program recipients will be selected on July 31st.

Click on link below to learn more about the program and get on the waiting. <https://extension.oregonstate.edu/mb/apprentice-beekeeper-level>

ANNOUNCEMENTS

July 12-14th – The Western Apicultural Society Annual Conference, Ashland, OR,
<https://westernapiculturalsociety.org>

July 17-20th – 2019 International Conference on Pollinator Biology, Health and Policy,
UC Davis, Davis, California – honey.ucdavis.edu/pollinatorconference2019

October 25-27th – Oregon State Beekeepers Association Fall Conference, Florence
Events Center, Florence, OR

November 12-14th – California State Beekeepers Annual Convention, Pechanga Resort
and Casino in Temecula, CA – www.californiastatebeekeepers.com

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