

CENTRAL COAST BEEKEEPING ALLIANCE



Mission Statement: In the San Luis Obispo County, California bio-region, to foster the health and well-being of honeybees by supporting best beekeeping practices through networking, education and raising public awareness.

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Club Updates

-Become a Member!

*See the [last page](#) for more information and fill out [this survey](#) (~3 minutes)

-Register your hives

[SLO County Apiary Registration](#)

It is free!

“Per the California Food and Agriculture Code, all beekeepers operating within the state of California must register annually with their chosen home county.”

-Using chemicals to treat your hives?

You may need a permit from the county before you can buy treatments. The permit is easy to obtain; it is a half to one-hour meeting with the county to discuss the use of chemicals and precautions. They are knowledgeable and want hobbyists to be successful.

Reach out to Laine Bauer: lbauer@co.slo.ca.us

-New leadership

*Have an hour or two a month to help out? Send us an [email \(sloccba@gmail.com\)](mailto:sloccba@gmail.com) or attend the next meeting.

*Upcoming meeting to discuss the future of the club.

Upcoming Events

September

Club Meeting

Thursday September 21 5:30-7:30pm

Kathy Longacre's beeyard

6440 Corral de Piedra Road (off Price Canyon)

Map: <https://www.centralcoastbeekeepers.net/september-meeting-thursday-sept-21-530pm/>

Theme: Autumn management and feeding

October:

Club Meeting

Thursday October 12 Time: TBD

Santa Margarita Lion's Club

Theme: Cooking with Honey

[Golden Oak Honey and Pumpkin Festival and Kids' Flea Market](#)

Saturday Oct. 21 10am-5pm

Downtown Paso Robles Park

*Need volunteers to help at the CCBA booth

Please contact Jodi; Phone: 805.440.6987

Email: Goldenoakqueen@gmail.com

CONNECT WITH US

Email:

sloccba@gmail.com

Website:

www.centralcoastbeekeepers.net/

Facebook:

facebook.com/groups/ccbaslo

A Downtown Paso Robles Main Street Association event. . . .

10th Annual Golden Oak HONEY & PUMPKIN Festival



Sat., Oct. 21st

10 am to 5 pm — Downtown City Park

**BACKYARD BEEKEEPING / OBSERVE A BEE HIVE
BEEKEEPING PRACTICES / HONEY TASTING
(by the Central Coast Beekeepers Alliance SLO)**

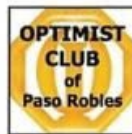
**ARTS / CRAFTS / VENDORS / NAVY SEA BEES
YOGA (EarthTones)**

ALMOND COUNTRY QUILTERS Demonstration

**SPELLING BEE & MONSTER MASH DANCE
CONTESTS (by Optimist Club of Paso Robles)**

PIE-EATING CONTEST

Separate KIDS' FLEA MARKET



Info call 805-238-4103 or visit PasoRoblesDowntown.org

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What to expect in your hive in September and October

The following is drawn from [Jeremy Rose's](#) book "Beekeeping in Coastal California" with permission.

What the bees are doing?

- Raising important generation of winter bees
- Facing stresses due to lack of nutrition, presence of parasitic mites, and shorter days
- Superseding failing queens
- Organizing hive structure for winter-uncapped honey to top box and storing pollen and rearing brood in bottom box

What the beekeeper may want to do (based on a two-deep brood box hive)

- Concluding miticide treatments that began in August;
- Checking for mites again in mid-October (there may be a resurgence of varroa at this time)
- Add [sugar syrup](#) (click here to see how) and pollen supplements if needed. Ensure clean water is present
- Combine weak hives (four frames of bees or less)
- Reducing entrances
- Provide clean water

Common Problems

- Starvation, Malnutrition
- Increased aggression and robbing (often because of a lack of food)
- Varroa mites resurgence

Potential collapse after first cold weather along with high varroa mite populations

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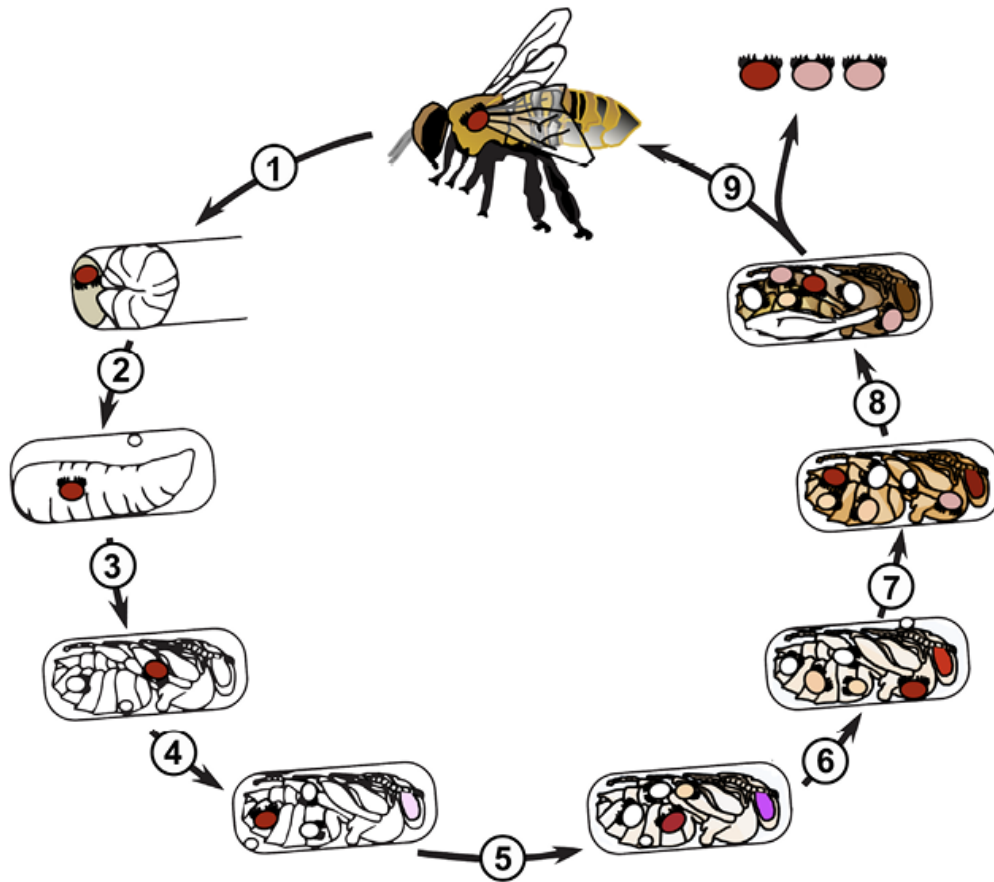


(Photo [credit](#))

#beekeepingback

Understanding the Varroa mite lifecycle

The lifecycle and multiplier effect of Varroa mites



Varroa mites reproduce quickly and can negatively impact a hive by creating unhealthy conditions for bee development. These include: parasitizing bee larva body fat leading to malformations such as shorten abdomens and K wing, acting as a vector for harmful viruses (such as deformed wing virus), and shortening the bees lifespan.

Varroa lifecycle ([University of Mississippi extensions](#))

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(Photo [credit](#))

#beekeepinghack Understanding the Varroa mite Lifecycle

Life cycle of the varroa mite

Adult female mites live on adult bees for an average of 1 week between attempts at reproduction in brood cells. Each mite will produce three to four daughters and one son when reproducing in a worker brood cell. Usually, only the mother mite and one to two adult daughters leave the brood cell with the emerging bee. Each adult female mite will attempt three to four reproductive bouts in her life.

1. Adult female mite invades brood cell about 15–18 hours before brood cell is capped.
2. The mite lays first egg (male) about 30–35 hours after invading cell.
3. The mite lays three to four eggs (female) at about 30-hour intervals.
4. Each offspring progresses through two nymph stages before becoming an adult.
5. The male mite becomes an adult before his sisters.
6. The first daughter matures to adulthood and mates several times with her brother.
7. The second daughter reaches adulthood and mates with brother. The oldest daughter continues to darken.
8. The bee pupa expands wings and about a day later emerges from the brood cell.
9. The mother mite and one to two adult daughters leave a worker brood cell with the emerging bee. Each of these mites lives on adult bees for about a week before invading a new brood cell to reproduce.

Varroa mites must be dealt with or the apiarist risks colony collapse. Some hobbyists take a naturalist approach arguing that evolution will weed out the weaker non-resistant bee genetics leading to only strong mite-resistant bees. Most beekeepers use an integrated pest management (IPM) approach to combat the challenges of mites.

For more information on Varroa lifecycle, impacts, IPM, treatments, and ongoing research, please see the University of Mississippi extension website:

<http://extension.msstate.edu/publications/publications/managing-varroa-mites-honey-bee-colonies>

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Become a CCBA Member

Want to support your local beekeeping club? Here is an easy way to make sure we have the funds to continue serving SLO county beekeepers and the community.

We have two requests:

1. Fill out [this survey](https://forms.gle/MpxV6YKqbJ3YoHdY7) (~3 minutes) so we know who you are and can update the contact list.

(<https://forms.gle/MpxV6YKqbJ3YoHdY7>)

2. Pay \$20 annual membership fee. This is per household.

All funds go toward supporting CCBA activities (e.g. renting meeting space, speakers, materials for shared projects, etc.)

Fee can be paid via:

- Venmo (see below)
- Check--Make payable to Central Coast Beekeeping Alliance; PO Box 42, Templeton, CA. 93465
- Cash--at our next meeting.



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