



LANE COUNTY BEEKEEPERS ASSOCIATION

130 HANSEN LANE, EUGENE, OR 97404

email lcbaor@pacinfo.com

President: Judy Scher (541-344-2114)

Vice-President: Barbara Bajec (541-767-9086)

Treasurer: Nancy Ograin (541-935-7065)

Secretary: Lane Hillendahl (541-942-6838)

Newsletter: Jonathan Loftin (541-736-1870)

Board of Directors: Katharine Hunt (Past Pres.) (541-607-0106)

Willard Wisegarver (also Webmaster) (541-998-3025)

Mike Harrington (541-689-8705)

Jared Pruch (541-359-8987)

JULY 2010 NEWSLETTER

<http://www.lcbaor.org>

NEXT MEETING:

July 20, program at 7:30 PM

Come early to socialize and share your questions with experienced beekeepers.

Hall opens at 7:00

Honey Extracting Ken Ograin

It's time for the PAYOFF! Your little darlings have made super after super of rich golden treasure...but its still in the combs. How do you get it OUT? Join us to learn—and share—tips for extracting.

Trinity United
Methodist Church
440 Maxwell Road
Turn West off River Road
in Eugene, (South of
Beltline)

June Meeting Highlights:

Pests and Diseases with M. Ostrofsky

Lane Hillendahl, LCBA Secretary

Morris Ostrofsky gave an in-depth presentation on bee diseases as follows:

To begin we need to know what healthy brood looks like: Pollen is on the edge of the brood area. Brood should be white and pearly. When they become pupae they are capped and dull to the appearance.

American Foul Brood: Bacteria. Signs are foul smell (not everyone can smell it) and flies on the entry board. Cells are sunken off center and shiny, but the smoking gun is the toothpick test...stick a toothpick in the cell and pull it out... it will be a mucousy string. Send a sample to Beltsville Maryland. Can use Tylosin or Tylan for mild cases but not recommended. Sure "fire" cure is BURN THE HIVE. To avoid foulbrood, AVOID good deals on used equipment. Prevent robbing and don't feed honey from an unknown source. Avoid free bees.

European Foul Brood: similar but different. Larvae are discolored prior to being capped. Smaller mucous rope. Treatment is to requeen. Get good Queens, check website.

Chalk Brood: Larvae are eaten by a fungus. Bees are happy while the weather is warm but then if it gets very cold that's when the fungus develops. No prevention. Re-queen with hygienic bees.

Nosema apis and *Nosema ceranae*: Called the "twins". Symptoms are crawlers on the hive and k-wing.

Apis is full spring and summer too. *Ceranae* is summer. Nosema gets in the digestion and they eventually die. *Ceranae*, don't want to eat. If seen under a microscope *apis* looks like an overstuffed sausage. Treat with Fumigilin-B or Nozevit mixed with sugar syrup.

Sacbrood: head of the larvae stick up and looks like a sack. Key to prevention is good sanitation and change out frames.

Starvation: Heads stuck into the cell with butts sticking out. No honey in the hive. Prevention: Provide adequate winter stores. Have a minimum of 40 lbs. of honey coming out of winter and don't forget the May dearth.

Wax Moth: Lesser and Greater; Eat Everything! Webbing on comb. You'll see worms and they poop in their own food. Wax Moths are opportunists so they will attack the weak hive. Correct the weak hive and when storing boxes be sure to stagger them so that light gets into them.

Tracheal Mites: Crawlers, K-wing and dead bees clinging to comb. You can see the mites with a dissecting microscope. Send a sample to Beltsville. Treatment: 2 parts powdered sugar and 1 part vegetable oil, made into a patty. You will find recipe on the club website.

Varroa Mites: Crawlers and deformed wings. Look like ticks or 8 legged crab. Spotty brood pattern and sunken perforated caps. They have a 24 hour natural drop...use hard plastic for collection board draw a grid and spray with Pam. Let drop for 48 hours and divide by two. Mites prefer Drones 5 to 12 times over worker bees. Lots of mites on the drones due to development time so you can actually make drone traps collect the mites on the drones and feed them all to the chickens! There is no one silver bullet but there is a silver combination: Hygienic bees kill Varroa. Use a Screened bottom board. Organic and non-organic treatments and drone brood management. Powdered sugar is a very nice technique: 2 times a week for a month as mites spend $\frac{3}{4}$ of their lives under caps. Refer to website for treatment/management schedule. Mite Away (Formic Acid) Quick Strips are not available in the Oregon yet.

Colony Collapse Disorder: used to be called Disappearing Disease. "Here today, gone in two weeks"... no robbing, no small hive beetle. Virus and Nosema combos are being researched. Be pro-active about controlling Varroa because they spread virus. Treat brood chamber with 1 cup powdered sugar per box. Pull collection board after 15 minutes and BURY IT. It's a 3 to 4 day cycle before they become sexually active. Bellows don't work well to distribute the sugar.

Door prizes were handed out and the meeting adjourned about 8:40.

GloryBee Beekeeping

Lefore Essential Oil Patties

Honeybee Feeding Stimulant


Used to fortify honeybee health allowing them to be more resistant to problems prevalent in colonies today.

Promotes hygienic behavior.

A combination of essential oils and minerals mixed in a sugar and vegetable shortening base.

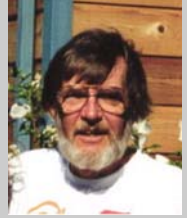
50 ct. Pail	\$147.50
100 ct. Pail	\$275.00

Distributed by:
GloryBee Foods, Inc.
PO Box 2744, Eugene, OR 97402



www.GloryBeeFoods.com
Sales@GloryBeeFoods.com ♦ (800) 240-4545
Family Owned & Operated Since 1975

Ken Ograin's Notes and IPM Update



IPM Update: Blackberry nectar flow is waning. There will be little for the bees to forage on for the next several weeks, lots of herbs and mints this will be all for winter stores.

Over the next two months your hives will be producing the winter bees that will get them through winter, so do not leave them short of honey.

It will not be long before your hives start kicking out drones. Do not be concerned. Most of the drones will be removed by the end of August to mid September.

Also you will need to keep a watch for yellow jackets at the entrance of your hives, if you see them trying to get in the hive you should use some kind of entrance reducer.

You can ensure enough honey stores by removing your honey supers by the end of July giving them time to build their stores before the nectar flow shuts off. Doing this will save you having to feed sugar syrup.

Strong bee hives need to have low mite loads, plan your control by continuing to sample, natural drop exceeding 30 mites in 24 hours is the dangerous level and will mean some type of treatment will be necessary.

If Apistan is your choice, let me know. If there is enough interest the club can make a bulk purchase.

There are many other varroa treatments available, but most are not practical for making bulk purchases.

At this time the new varroa treatment known as "Quick Strips" has not been approved by the government for use in the US. If approved we will look into making bulk purchase. The quick strip is a new delivery system for formic acid which claims to target male varroa in capped brood cells. If this is true no fertile females will be produced during the treatment period.

Nosema *ceranae* continues to be a problem as Fumagilin is not always effective against this new strain of nosema. Also diagnosis is more difficult as a microscope is needed to check for the spores; unlike nosema *apis* there are no external fecal staining. The latest research has shown that Nosema *ceranae* and a combination of viruses are a major problem worldwide and is the number one cause of hive losses. Fumagilin is the only approved treatment for nosema. Healthy Bee and Nozevit (both essential oils) have been used by many but I have not seen any independent studies of either product. I do know that Healthy Bee has been used by many members with good feedback coming to me.

So keep sampling and keep records. Do this weekly and if you get some high numbers do a second test. UFL Extension has released a new video to its series "A Video Field Guide to Beekeeping" American & European Foulbrood, you can view it at <http://entnemdept.ifas.ufl.edu/honeybee/extension/index.shtml> .

There will be a number of these available for loan in our DVD library.

Ken Ograin

Extractor Time is here: The club has 4 extractors

with hot knives for use by members; 3 are manual and 1 electric. These are on a reserved use basis. Please limit your use to no more than 3 days, and always clean the extractor before returning. Extractors clean very easily if cleaned with warm soapy water and flushed out with a garden hose after use. If you wait until the next day cleaning is more difficult. The three 3 frame units are the easiest to transport; one in east Springfield (Mark Hogle 541-746-7353) one in Cottage Grove (Kev Ashley 541-767-0761) and the third out in Elmira (Ken Ograin 541-935-7065). The only electric unit is located in Springfield and is a 4 frame, It is heavy. You will need a truck to transport it. (Kaylene Stewart 541-726-2019). Remember--return it on time, and return it clean!

It's Fair Time: You will need to sign up online to participate in the honey class. Registration needs to be done before the end of July. Your entries will then be accepted on the Monday before the opening of the fair. At www.atthefair.com you will find the honey class under department K "Land Products." This is the same place for entering veggies and over farm products.

Dish Left at Field Day: The dish pictured here was left at field day, if it is yours let me know and we will see that it gets back to you. woodrt@pacinfo.com or 541-935-7065.



President's Notes

Judy Scher, LCBA President

This month's meeting topic will be given by Ken Ograin on extracting honey. Since this topic was not covered at the bee school in March, it's a very important one to attend. It comes at a perfect time. The big nectar flow of blackberry bloom is nearly over and most of the honey has been collected for the year. Remember to leave the bees a full western of honey to get them through the winter.

We've had a very busy July! The KLCC Garden Tour, LCBA Field Day, and The Oregon Country Fair all took place this month.

Even with a little rain, LCBA Field Day at Lynn Royce's was a great event this year. Dr. Dewey Caron, Ken Ograin, Heike Williams and Kenny Williams each demonstrated how they examine a hive. Every hive was a little different and everyone learned something new at each station. During a rain spell Heike gave us a bonus look at a queenless nuk. She showed us the small virgin queen from an emergency worker cell, which she previously removed from the hive. The little queen was as small as a worker with a little pointed end. We had great potluck food and, once again, Lynn made delicious pizza in her outdoor earthen oven. A huge thank you to Dewey, Ken, Kenny, Heike and Lynn! Thank you Nancy Ograin, you always gives enormous energy in organizing the event! And thanks for all the potluck food contributions.

For the second year, LCBA hosted a booth at the KLCC Garden Tour at Oakhill School. It turned out to be a quiet day, with respect to the number of folks visiting the table; but it was sunny, pleasant, and fun to talk to folks who came by with questions about beekeeping. Thank you to all the volunteers, who helped out: Morris and Rita Ostrofsky, Ivy, Don McLeod, Gary Morgan, Kev and Kelley, and Leslie O.

Arthur and Anita Jones' observation hive at the Oregon Country Fair was a hit at the LCBA/Wild Edibles booth this past weekend. It drew veteran beekeepers and many curious children. This kind of setup is just the thing to encourage future beekeepers. Thank you to Don McLeod for organizing this and all the volunteers who staffed the booth.



Judy Scher (left) cultivating a future beekeeper and her mom at the 2010 Oregon Country Fair

Judy Scher, President LCBA



GloryBee[®] Factory Store



The LARGEST SELECTION in EUGENE of

- Beekeeping Supplies
- Soap Making & Natural Craft Supplies
- Factory-direct Natural Ingredients
- Essential Oils & Aromatherapy Supplies



Open to the Public
Monday through Friday
9:00am to 5:30pm



www.GloryBeeFoods.com • (541) 689-0913 • 55 N Seneca Rd, Eugene, OR, 97402

LCBA 2010 Field Day



Heike Williams examines a frame at Field Day
box



Kenny Williams inspects the top brood

(photos by Judy Scher's cell phone)



Field Day Hive Inspections
(photo by Ramesh Sagili)

C.F. **Koehnen** & Sons, Inc.  Celebrating 100 Years!
Est. 1907

Queens & Package Bees
Italians & Carniolans

3131 Highway 45 Glenn, CA 95943 (530) 891-5216 FAX (530) 934-2613
www.koehnen.com/ bees@koehnen.com

Beekeeping Tips—July

Chuck Hunt, LCBA member

BEEKEEPING TIPS— JULY

1. The honey flow is moving toward the end and the blackberries are moving to the berry stage. Make sure that any remaining honey flow has room. Put supers on as necessary but it is late so you need not have lots of empty supers on your hive now.

2. Make sure that the bees have a supply of water nearby for the hot weather days when they need to cool their hives. Bees transport a considerable amount of water to cool their hives and it needs to be clean and from a nearby source.

3. Also, the hives need some ventilation in order to cope with hot weather. Small openings, even as small as a toothpick under the hive lid and perhaps a crack or two between boxes will help the bees keep their hive cool and productive.

As long as a honey flow is on and there are not too many yellow jackets around, small ventilation openings in the hive are helpful, not harmful, during warm weather.

4. It is time to begin to prepare for honey extraction. Get your extractor clean and uncapping knife ready. Honey that is mostly capped and at least below 18.5% moisture level is ready to extract. Most early honey is easily within this range now even if it is not capped over. Make sure that all of your super removal is done before you need to put on medications (by August 15).

5. Pick out a method of pulling the honey off your hives that is appropriate for the number of hives you keep. Smoking and brushing bees off combs works for beekeepers with one to five hives. If you have more than five hives, you may want to think about escape boards or fume boards as a removal method. Make sure that, whatever method you use, the equipment needed is in good shape and ready when you need it.

6. Taking honey off the hives and extracting is hard work. Make sure to take care when lifting boxes of honey that you do not injure your back. Also, watch yourself for signs of overheating and dehydration when you take honey off the hives. Drink lots of water and give yourself time to cool off.

WAS Update Dewey Caron
carond@hortoregonstate.edu

Reminder that Lane County Beekeepers Association will co-sponsor the appearance of Kim Flottum, editor of Bee Culture Magazine. Kim will also give a public (no registration fee) talk on Wednesday evening Sept 1 on Producing Varietal and Artisan Honey. Why not make a full day of it on Wednesday?

Wednesday morning Dr Larry Connor will give a Small Scale Beekeeping workshop (8:30-12:30) or you can instead tour the OSU bee research projects and Dirk Olsen's honey farm before a picnic and a Carousel ride in Salem's waterfront park (plan to meet the caravan in Corvallis about 9AM instead of going to Salem first). The afternoon program features, in addition to Kim (on Langstroth), Harry Vanderpool (on nucs), Eric Mussen, UC Davis, last year's WAS President (Hints for Successful Backyard Beekeeping) and Ann Harman, prolific author and lecturer (Value-added Beekeeping). There

is a slightly higher daily fee to take in Larry's short course and the Wednesday afternoon program. (see registration form on opposite page).

For full details on the program, speakers, registration etc see the WAS website (goggle Western apiculture or to go directly to website address:

<http://groups.ucanr.org/WAS/> be sure to refresh).

We have added Jan Lohman and George Hansen to the Thursday program.

The August WAS Journal will soon be posted. One other note of significance – the theme for WAS 2010 was designed by Kelle DeForrest of the Lane County Association. It features our queen of floral sources (blackberry of course) and the Oregon state flower (Oregon Grape). You can support and enjoy her artistry by purchasing a T-shirt or attractive tote bag at Salem or by special order – see website.



WESTERN APICULTURAL SOCIETY - 2010 ANNUAL CONFERENCE**RED LION HOTEL, I 5 Exit # 256, 3301 Market St, Salem OREGON 97301****August 30-Sept 2, 2010****Pre-Registration Form (SEND by Aug 9th)**

Name(s) _____

As you wish it (them) to appear on your name badge(s)

Current mailing address _____

Street, apartment # _____

City State/Province Zip/Postal code

Phone no. E-mail _____

Conference Cost per person**Full (4-day) Conference Package****Pre-registration before Aug 9th \$100** x _____ = _____**Delayed Registration (Aug 10th or later) \$115** x _____ = _____Single Day(s): WED (Incl Short Course) – lunch not included \$ **45** x _____ = _____THUR (not including banquet) \$ **30** x _____ = _____Buffet Lunch Thursday \$ **16** x _____ = _____Awards Banquet (independent of Conference package) (Vegetarian _____) \$ **35** x _____ = _____**Tour (optional)**

Wed half day visit to OSU & Apiary w/ picnic in park (Wednesday)

Number _____

Annual Dues (US funds) - not required for attendance \$ _____

Individual: \$20, Junior & Senior: \$15, Couple: \$30, Senior Couple: \$20, Association \$20

Commercial: \$100, Life: \$200, Couple Life: \$300, Benefactor: \$500, Patron: \$1000

Total Conference Registration Payment \$ _____

All W.A.S. pre-registration forms and payments via check or money order at full U.S. rate (no credit cards) must be received no later than Aug 9th, 2010. Forms must be mailed, and checks must be made payable to **Western Apicultural Society**. Mail to: Herb Brasington, Registrar; Western Apicultural Society, 1881 NE Ashberry Dr, Hillsboro, OR 97124-5109. Full refund if unable to attend.

Conference Lodging

Special Conference lodging rates (\$89) per night, plus 10% city tax, etc., at **RED LION HOTEL** must be reserved on or before Aug 9th. Please call **503 370-7888** or 1-800-248-6273 and specify WAS Honey Bee Meeting. This rate may not be available on-line. After this date rooms on first come-first served basis and rate may be higher. One night's deposit is required when reservation made; cancellations up to 24 hours in advance of the Conference without penalty.

Exhibitors Exhibit space will be available. Check with VP Harry Vanderpool for more information.

GLORYBEE FOODS MARKS 35 YEARS IN BUSINESS

2010 is a milestone year for GloryBee Foods, as the company celebrates its 35th anniversary. The company started as a small family honey business, operating out of the garage of Dick and Pat Turanski's home in Eugene, Oregon. Initially, Dick and Pat were the only employees, processing and selling honey harvested from the Turanski's 25 backyard hives. As demand grew, Dick added more hives and then eventually began to purchase honey from other beekeepers in order to meet his customers' demands. The Turanskis also sold beekeeping supplies, a portion of the business which increased dramatically after Dick taught a local beekeeping class.

Eventually, Dick sold his beehives—which had grown in number to 300—to focus on his growing business. Additional product lines were added, including Aunt Patty's natural sweeteners, candlemaking and soapmaking supplies, bulk foods and spices, essential oils and more. Eventually, the Turanskis' children joined the business: their son Alan Turanski is the Operations manager, their daughter RaeJean Wilson is the Human Resources manager, and her husband Greg Wilson directs the Distribution and Industrial Sales department. GloryBee currently employs over 100 people in their two Eugene facilities.

—from Glorybee Press Release

WAS

A reminder: Western Apiculture Society meets this summer Aug 29-Sept 2 at Red Lion Inn SALEM, OREGON. To read about this big bee event check out the February 2010 issue of the Western Apicultural Society Journal posted on website <http://groups.ucanr.org/WAS/>, click on "WAS Journal" and then on the Feb 2010 issue. You can access this without charge. **MARK YOUR CALENDAR NOW and PLAN TO ATTEND - we promise you will not BEE disappointed.**

-Dewey Caron

LANE COUNTY FAIR

The County Fair will be from August 18-22. The Land Products department includes classes for beeswax, section comb, full frames, and all colors of extracted honey. Entries in the honey classes must be registered by July 31. You can get more information at www.atthefair.com Let's have plenty of entries so there will be a good competition again this year!

DON'T MISS THE ENTRY DEADLINE!!!!



CLASSIFIED ADS

Bee-related classified ads cost \$5.00 for non-members, and are free to members. Classified ads run for three issues and may be renewed by contacting the editor. Business ads cost \$35 a year. To place an ad contact the editor by the 1st of the month. (541-736-1870) or e-mail lcbanewslettereditor@hotmail.com.

FOR SALE : Complete extracting line for mid-size producer: 50-900 hives

Cowen uncapper and 60 frame rack, Electric Steam generator, Cappings tank, Above-ground Kelly Sump, One stainless 60 frame dadant radial spinner with speed control, One stainless 32 frame Dadant radial spinner with speed control, 250 gallon double walled dairy settling/storage tank. (Entire line well maintained and in good condition)

PLEASE CALL KAREN FINLEY CORVALLIS OREGON
541-760-6528

Or contact finleykk@yahoo.com \$ 12,000

LCBA MEMBERSHIP

Membership in the Lane County Beekeepers Association now costs \$15.00 yearly. Dues are prorated after March for new members ONLY!

Bring your dues to the meeting or remit to LCBA Treasurer Nancy Ograin, (address in box at bottom of p 7).

T-shirts and Hats!

LCBA t-shirts are available in a variety of sizes and colors. There are also two spiffy designs now! New style shirts are \$20, and the familiar club logo t-shirts are a bargain at \$12. We also have caps with the club logo. Club shirts (and hats) are a great way to start conversations about bees and beekeeping. Show your club spirit!

FOR SALE: Established beehive. Western supers. Call for details.

Dadant hand crank 4 frame extractor. \$350
(541) 726-2180

Welcome New LCBA Members

Lindsey Mordoff	Eugene
Barb Newton	Lebanon
Jane Olson	Philomath
Jennifer Surdyk	Eugene
Sterling Wallach	Eugene
Susan Slocum-Webb	Eugene

NEWSLETTER CONTACT INFORMATION

This newsletter is published eleven times a year by the Lane County Beekeepers Association, 130 Hansen Lane, Eugene OR 97404. Sample copies may be requested from the editor. Copyright resides with individual contributors. If you would like to reprint anything you see here, please contact the editor. Permission is normally granted freely for non-profit use. For advertisements, please contact the editor or the association treasurer by the first of the month.

Editor: Jonathan Loftin
40031 Booth Kelly Rd
Springfield Oregon 97478
Email lcbanewslettereditor@hotmail.com

Treasurer: Nancy Ograin
88632 Faulhaber
Elmira OR 97437-9718



Art & Graphics

for honey jar labels,
web pages, business cards
& other art projects

Kelle DeForrest
(541) 767-0761

www.DeForrest-Ink.com