

The Bee Line

Newsletter of the Oregon State Beekeepers Association

Volume 31, Number 7

August 2006



Kelsey McEnroe

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Image above: A preschool student at Tucker-Maxon School in Portland listens to the sound of a honey bee. When beekeepers take time to share what they know and love, they provide others with meaningful and memorable experiences of nature and the wild and the long-standing practice we know as beekeeping.

SHARING THE WAYS OF BEES AND BEEKEEPING

Rosanna Mattingly

We all have a stake in beekeeping—whether we love bees, the dazzling flowers that bees visit, the phenomenal resources from the hive, or the many foods from bee-pollinated plants that nourish us. Honey bees give us all of this and more—a direct connection to nature and the wild. This connection is as essential as it is profound, and it is a connection that beekeepers can share.

Many of those who keep bees had experiences during their youths that led them into beekeeping. And many learned something about bees early-on that continues to hold their fascination. These kinds of experiences and learnings are often facilitated by an adult. I don't know that we can overestimate the importance of such an exchange. It's made all the more memorable because the enthusiasm of a beekeeper talking about bees is *tangible*.

During this past school year, Kelsey and Amber's preschool class at Tucker-Maxon School in Portland explored the world of honey bees and beekeeping. Then, to complement their students' learning, they put in a request for a beekeeper visit. The request landed on Bev Koch's doorstep. The students were well prepared for the visit—they peppered Bev's presentation with comments of "We already know that!" and stories of their own. Throughout the period, their own enthusiasm was tangible as well.

Keeping bees, today perhaps more than ever, requires ongoing education about the ways of the honey bee, the changes in management practices, and the environmental context in which colonies are worked. Yet beekeepers are known for going beyond their own learning. They are eager to share their understanding of the craft, to support and mentor other beekeepers, and, without fail, to see that the work gets done when a fellow beekeeper is in need of help. Although some might be reluctant to take that extra step to engage with groups, most bee associations have members who willingly share guidelines for working with an audience. Ernie McCormick and Rosemary Marshall, for example, have done this at Portland Metro group meetings. Participation in outreach events, including those at fairs, nurseries, conventions, and schools, can be enriching, meaningful, and even inspiring for the beekeeper as well as the audience.

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MESSAGE FROM THE PRESIDENT

Now that it is August it is time to treat for mites once again. Unfortunately, treating for *Varroa* remains a moving target, as mites have developed a resistance to both fluvalinate and coumaphos. There are other products, such as Sucrocide, Api Life Var, Apiguard, formic acid, and oxalic acid, all of which require that the beekeeper spend time becoming familiar with new delivery strategies. Whatever you choose, please follow recommended safety procedures.



With regard to OSBA business, there are two things in progress. Linda Brewer, a technical writer with the Oregon State University Extension Service, is preparing an updated version of the publication *How to Reduce Bee Poisoning from Pesticides*. The Executive Board of the OSBA agreed several months ago to donate up to three thousand dollars toward production costs. This is a much-needed document, as the previous version is some thirty years out of date. Right now the publication is in draft form and is being reviewed for accuracy, so it may be available within just a few months. This project came about when Anita Azarenko, Chair of OSU's Department of Horticulture, asked us what OSU could be doing now to support beekeeping in Oregon. The updating of this publication was one suggestion offered by OSBA member George Hansen.

The idea of an endowment in apiculture at OSU is inching towards completion. I now have a final (I hope) draft of the endowment agreement which we would submit to the OSU Foundation after it circulates among members of the Executive Board. Barring any serious obstacles, we could have a signed agreement this fall, and we could begin making donations to the account soon thereafter. I sincerely hope that all of this works out well, as it has been a long and painstaking process.

Kenny

PROPOSED CHANGE IN BYLAWS

It has been proposed that the following section of OSBA bylaws be deleted. It is burdensome for treasurers of local associations to keep \$1 from the \$20 OSBA membership dues when such dues are paid through the local association. This provision is little used by the locals and the \$1 deduction is insignificant to the OSBA treasury.

Article 1 Section 2(C)

Branch Associations. One dollar (\$1) of the

dues collected for membership in Oregon State Beekeepers Association may be retained by the branch association. If the member resides where there is no branch association, the state association shall retain the one dollar.

This proposed change in bylaws is to be voted on at the business meeting during the annual conference October 27, 2006. Send any comments you wish to make prior to the meeting to either Jan Lohman or Phyllis Shoemake.

MINUTES

Oregon State Beekeepers Association Executive Board Meeting

Salem Public Library, May 27, 2006

The Executive Board Meeting of the Oregon State Beekeepers Association was called to order by Kenny Williams at 1:30 pm.

Jan Lohman read the minutes from the previous meeting. Jordan Dimock made a motion to accept the minutes as read; Sam Hutchinson seconded the motion.

Phyllis Shoemake gave the Treasurer's Report and informed us that the taxes for this year should be in the mail to her from the person that volunteered to do the work for OSBA. He requested that we donate \$200.00 to the research fund in lieu of payment for his services. Jordan Dimock moved that we transfer \$200.00 from the General Fund of OSBA to the Research Fund if no further work is needed on the tax work. Bob Allen seconded the motion and it passed. Phyllis also brought up a concern for the future Treasurer of OSBA. The \$1.00 that the local groups receive for collecting money is cumbersome, and she would like it eliminated. Sam Hutchinson made a motion to stop giving \$1.00 to the locals and have the checks sent directly to OSBA. Bob Allen seconded the motion. This information needs to be in *The Bee Line* three months in advance of a vote at the General Meeting in October.

Patricia Swenson was introduced to the group as the "Treasurer in training." She plans to run for office at the Convention. She is working with Phyllis to learn our system and will be helping Phyllis until we have an election of officers in October.

Regional Directors

Sam Hutchinson of the Portland Metro group reported that the Garden Show was a great success with a good response. There was also

interest in Mason Bees and Bumble Bees. The group will probably do it again next year.

Pat Morris from the Southern Oregon group reported that their Bee School had 60–80 people in attendance at the OSU Extension Office and no more hive beetle has been reported. Things are going well.

In Eastern Oregon it has been a great spring, Jordan Dimock said. He has information that someone there is interested in starting up a group but nothing has happened so far.

Tom Trusewicz reported that the Central Oregon group arranged a Bee School through the Community College and 18 attended. They are looking into a possible Bee Day next year.

Bob Allen said that not much is happening in the Tillamook County group. He is going to try this fall to reorganize the group.

New President Tom Kyelberg from Coos County said that 10–15 people came to Bee School. They have a large group of hobby beekeepers and Tom Trusewicz has volunteered to help with a bee school in the spring of 2007.

Mike Harrington sent a letter to Jan Lohman regarding future OSBA Conventions. The Lane County group would like to host a Convention in the future in their area and would be glad to work with us to support it. Harry Vanderpool will talk with Mike and work together toward that goal. Harry and Kenny will try to visit Lane County Beekeepers this fall.

Chuck Sowers from the Metropolitan Area said that the Bee Day had 30 people attending. All is going fine.

Old Business

Kenny reported that things are going fine with *The Bee Line*. Please contribute to help Rosanna with our newsletter.

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OSBA REGIONAL REPRESENTATIVES

Columbia Basin: Debbie Morgan
3800 Benson Rd, The Dalles; (541) 298-5719

Eastern Oregon: Jordan Dimock
2635 Mitchell Butte Rd, Nyssa; (541) 372-2726

Metropolitan Area: Chuck Sowers
26730 S Hwy 170, Canby; (503) 266-1740

North Coast/Webmaster: Thom Trusewicz
90041 Logan Rd, Astoria
(503) 325-7966; ccbee@intergate.com

South Coast: Joann Olstrom
3164 Maple Ct, Reedsport; (541) 271-4726

Southern Oregon: Pat Morris
1333 Rogue River Hwy, Gold Hills
(541) 855-1402

Willamette Valley: Fritz Skirvin
6694 Rippling Brook Dr SE, Salem
(503) 581-9372

OSBA REGIONAL ASSOCIATIONS



Central Oregon Beekeepers
Meets 6:30 pm, third Tuesday, Bend
Deschutes Public Library, Hutch Rm
President: Dennis Gallagher
(541) 389-4776; haymakerooo@yahoo.com
Secretary/Treasurer: Glenda Galaba
(541) 383-1775; galaba@msn.com

Clatsop County Beekeepers
Meets 7 pm, third Wednesday, Astoria
Extension Office, 2001 Marine Dr, Ste 210
President: Steve Lindros
(503) 325-1127; slindros@hotmail.com
Vice Pres: Don Thompson; (503) 458-6714
Secretary/Treasurer: Marylyn Sanbrailo
(503) 717-8448

Coos County Beekeepers
Meets 6:30 pm, third Saturday (except Dec)
Ohlsen Baxter Bldg, 631 Alder St, Myrtle Pt
President: Thomas Kyelberg
(541) 297-4017; usvi@charter.net
Vice Pres: Spike Richardson; (541) 267-4725
Secretary: Marcia Burgdorff; (541) 888-5695
Treasurer: Jane Oku; (541) 396-4016
jane_oku@hotmail.com

Lane County Beekeepers
Meets 7:30 pm, third Tuesday, Eugene
EWEB Meeting Rooms, 500 E 4th Ave
President: Mike Harrington
(541) 689-8705; beekeeper@comcast.net
Vice Pres: Morris Ostrofsky
(541) 685-2875; ostrofsky@pacinfo.com
Secretary: Barbara Bajec
(541) 767-9086; mbartels@bbastrodesigns.com
Treasurer: Nancy Ograin
(541) 935-7065; woodrt@pacinfo.com

Portland Metro Beekeepers
Meets 7 pm, second Thursday, Oregon City
Hous Auth Clackamas Bldg, 13930 S Gain
President: Sam Hutchinson
(503) 829-7744; samh@molalla.net
Secretary: Paul Hardzinski; (503) 631-3927
Treasurer: John Keeley
(503) 632-3682; keeley81@bctonline.com

Southern Oregon Beekeepers
Meets 7:30 pm, first Monday, Central Pt
So Or Res & Ext Ctr, 569 Hanley Rd
President: John Jacob
(541) 582-BEES; oldsol@jeffnet.org
Vice Pres: Brian Bolstad
(541) 512-2364; bolstad815@hotmail.com
Secretary: Mysti Jacob; (541) 582-2337
Treasurer: Laurie Boyce
(541) 846-0133; leanira@hotmail.com

Tillamook County Beekeepers
Meets 7 pm, first Thursday, Tillamook
Forestry Building, 5005 Third St
President: Bob Allen; (503) 322-3819
Vice Pres: Terry Fullan
(503) 368-7160; tfullan@nehalem.tel.net
Secretary/Treasurer: Wayne Auble

Tualatin Valley Beekeepers
Meets 7:30 pm, last Friday, Beaverton
OSU Ext, #1400, 18640 SW Walker Rd
President: Todd Balsiger
(503) 357-8938; toddbalsiger@comcast.net
Vice Pres: Andrew Schwab
(503) 537-0506; Pyr4ausi@verizon.net
Secretary: Preston Gabel
(503) 530-1436; preston@gabelhaven.com
Treasurer: Walt Amour; (503) 690-9930

Willamette Valley Beekeepers
Meets 7:30 pm, fourth Monday, Salem
Chemeketa Comm College, Bldg 34, Rm A
President: Fritz Skirvin; (503) 581-9372
Vice Pres: Mike Rodia
(503) 364-3275; drodia@yahoo.com
Secretary: Evan Burroughs
(503) 585-5924; n7ifj@qwest.net
Treasurer: Susan Rauchfuss
(503) 391-5600; smokfoot@cyberis.net

AROUND THE REGION

Lane County Beekeepers

The group's July newsletter is now available and soon will be archived on their web site at <http://www.lcbaor.org/Newsletter.htm>.

Portland Metro Beekeepers

John Holderness reports that the fair planners have not responded, so it is not yet clear whether or not the group will participate in the Clackamas County Fair in August. Many group members have reported unexpected slowness of build-up of new colonies started from nucs or packages this spring, as well as disappointing honey production, perhaps, but not necessarily, as a consequence. In contrast, some of the overwintered colonies have done very well.

Tualatin Valley Beekeepers

Todd Balsiger reports that the group may have Thom the Web Master talk about *The Problems We Import And How Beekeepers Find Solutions When Scientists Don't* during the August meeting. He has posted the meeting schedule in the TVBA Branch section on the web page, as well as the *Oregonian* photograph and interview with Preston Gabel and his son.

Board Meeting Minutes (continued from page 3)

Fall Conference 2005 made approximately \$5000.

Endowment Fund

The agreement was drafted in January, but since has stalled. Idaho had agreed at the fall conference to match dollar for dollar up to the first \$12,500, but now there are some questions that need to be answered to satisfy Idaho with our agreement with the OSU Foundation. The agreement will have a Review Committee that will be comprised of three OSU people and three Industry people. There will also be an Advisory Committee that will be comprised of 10-15 interested people that will work with the Review Committee.

Jan Lohman will call Nick Noyes, Idaho's Vice President, and see what needs to be done to get this going again and report back to Kenny Williams.

Pesticide Update

Jim Cramer of the Department of Agriculture would be willing to contribute as much as \$2000.00 toward the publication (*How to Reduce Bee Poisoning from Pesticides*) that OSU, with Linda Brewer as editor, is creating. Kenny will talk with Anita and see what the progress is on this update.

Web Site

Tom reported that the web site now has swarm calls listed by location rather than by name. That should be much more user friendly.

Fall Conference

The 2006 Conference will be at Agate Beach Inn October 26, 27, and 28. It will be more interactive with lots of Oregon speakers.

2007 Conference

Northwest Bee Corner will happen again in 2007. The Convention Center in Seaside has been reserved. It is a world-class facility and will hold 1000 people. Our goal is to have 500 attend. It was suggested that we advertise for this event in beekeeper magazines with plenty of time for beekeepers to make plans to attend.

Nominations

Kenny Williams asked Chuck Sowers if he would be willing to continue as coordinator of Nominations. Chuck agreed to continue in that capacity. There will be many positions on the Board that will change.

At 5:20 pm Phyllis made a motion to adjourn; Bob Allen seconded.

Respectfully Submitted,

Jan Lohman
Co-Secretary-Treasurer

Beekeeper Bev Koch's visit with preschoolers at Tucker-Maxon School in Portland suggests how beekeepers might work with a group of young people. Such a presentation might be summarized in seven easy steps.



Rosanna Mattingly

STEP 1 Take some time to introduce yourself and get to know your audience.

STEP 2

Put on your bee suit so that the group can see how it all goes together.



Rosanna Mattingly

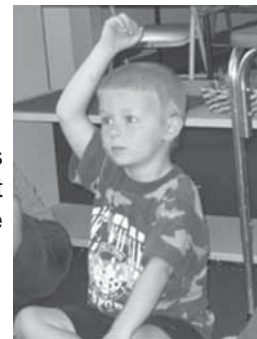


Kelsey McEnroe

STEP 7 End on a sweet note. This is easy to do with honey bees!

STEP 6

Leave time for questions and comments. Almost everyone has a good bee story to tell.



Rosanna Mattingly



Rosanna Mattingly

STEP 3 Share your understanding of the ways of bees and beekeeping.

RESOURCES for YOUNG PEOPLE

It's never too early to learn about bees. And beekeepers are the best of resources. Kelsey and Amber prepared their pre-kindergarten 2 class well for Bev Koch's visit. Among the books the students had read were the following:

- Editors of Time for Kids with Elizabeth Winchester. 2005. *Bees!* Time, Inc.
- Gibbons, Gail. 1997. *The Honey Makers*. Morrow Junior Books. New York.
- Glaser, Linda. 2003. *Brilliant Bees*. Millbrook. Brookfield, CT.
- Hazen, Lynn E. 2005. *Buzz Bumbles to the Rescue*. Scholastic, Inc.
- Hooper, Meredith. 1997. *A Cow, a Bee, a Cookie, and Me*. Kingfisher. New York.
- Krebs, Laurie. 2002. *The Beeman*. National Geographic. Washington DC.
- Wallace, Nancy Elizabeth 2001. *A Taste of Honey*. Winslow Press. New York.

Check your library for additional titles and for books written for older audiences. In addition, consider including video material in preparation or during a presentation. Some of the more readily available materials are:

- The City of Bees*. Choices, Inc. 2006. Lesson Plan at www.choicesvideo.net. [More about this DVD in a future issue.]
- The Honey Files: A Bee's Life*. Video and Lesson Plan. National Honey Board. 2001.
- Tales from the Hive*. NOVA Number 2701. PBS air date: January 4, 2000.



Kelsey McEnroe



Kelsey McEnroe



Rosanna Mattingly

VISITING SCHOOLS AND CLASSROOMS

Rosemary Marshall

Consider the following when you have an opportunity to visit schools and classrooms. Remember that you know a lot and you love your bees. Whatever you share, you will bring new information and a view of beekeeping that is joyful. Let it show!

1. Find out from the teacher(s) what preparation, if any, the children have already had about bees. This will allow you to compliment them on what they know and build on their understanding. For example, they may be quite savvy about bee anatomy, but not be aware of the different roles that bees play in the hive. Or older children might know about the roles, but have yet to learn about the fascinating story the bee's dance tells other bees.

2. Be aware of how long you have for the entire visit, from the time you set up until you take down. Plan for a balance of discussion, questions and answers, and hands-on activities such as handling equipment. Keep in mind that entering a room all dressed up as a beekeeper can be scary, especially to small children. Get into your suit while explaining it so that students can see how it goes together.

3. Insert some fascinating facts in your talk—ones not well known. For example: How many flower visits it takes to make one teaspoon of honey. How it is that every honey bee seen outside the hive is almost surely female. The information that the color of pollen on the bee's hind leg provides about what flowers are currently in bloom. The flight range of the honey bee. The life span of each type of bee. Why bees sting. Why drones cannot sting. And so on. And please tell them that the nasty critters that zing back and forth to take bites of their chicken sandwiches are NOT honey bees!

STEP 5

Ensure time to pass things around as part of your presentation. A few reminders may be helpful. For example, you might advise your group to handle honeycomb with care, to leave the lid on jars containing honey bees (or tape the lid), and to use the flat end of the toothpick for dipping and keep the toothpick out of the mouth until it has honey on it.



Kelsey McEnroe



Rosanna Mattingly

STEP 4

Remove your gear if doing so makes it easier for you to continue the presentation. Use whatever materials you may have on hand to help show and explain the ways of the honey bee. All of us appreciate that honey bees are raised in honeycomb where they also store honey and pollen. And we can't help but be fascinated by the worker's means of collecting nectar and pollen. How far does she fly? How fast?

Continued on page 8

Visiting Schools (continued from page 7)

4. Some of the kinds of materials you might bring are in the following list. Don't panic—just bring what you have. They will love it, no matter what!

- An extra suit, hat, veil, and gloves for others to try on.
- A smoker and hive tool.
- An observation hive with a marked queen. (If this is possible for you to bring, you can be sure it will be their favorite part of your presentation!)
- A queen cage or empty package to show how bees travel through the mail.
- Foundation, hive parts, or a whole hive.
- An electric knife and small extractor.
- Samples of honey, propolis, pollen, and honeycomb.
- Products like medicine, candles, and various cosmetics.
- Bee hand puppets, bee sunglasses, bee banners, and bee wind-up toys.
- Display posters showing the bee life cycle, the beekeeping year, or the three types of honey bees.
- A honey stick for each child. (Leave these with the teacher to distribute at a convenient time. Otherwise you will be leaving one sticky classroom.)
- A flier for the 4-H Bee Club so that they can become beekeepers, too!

5. Consider timing. Think about being ready to answer a call that comes at the beginning of the school year. Often teachers of young children will request a beekeeper in September or October because of the units they teach on *community*. For preschool and kindergarteners, limit your talk to about 20 minutes with some time for movement built in. You can go longer with older students—30 minutes for grades 1–4 and 45 minutes for grades 5–8. These are guidelines. Watch their eyes. If they glaze over, you have a good clue that you are talking too much. Ask questions. Pass things around. Encourage them to get out of their chairs to see what you have brought. Keep things moving.

Consider your audience. Even the nicest of beekeepers might be a bit scary to some children if they enter a room with their bee suit on! Use the outfit as part of your presentation to demonstrate how it all goes together.



Kelsey McEnroe

6. Whatever you do, have fun!

Note: Consider adapting Rosemary's tips for high school and adult presentations as well. A presentation on honey bees can be focused to meet the needs of many different audiences—for example, those interested in entomology, botany, gardening, ecology, and agriculture—and those of all ages reading books such as Gene Straton-Porter's *The Keeper of the Bees*, Laurie R. King's *The Beekeeper's Apprentice*, and Sue Monk Kidd's *The Secret Life of Bees*.

NATIONAL HONEY BOARD NEWS

Longmont, Colorado

Honey Industry Issues Addressed

Voluntary quality assurance, a standard of identity for honey, false and misleading labeling and residue/chemical contamination issues were among the topics discussed at the 2006 Honey Industry Roundtable in Denver, Colorado, on June 28. The roundtable was sponsored by the National Honey Board.

Two representatives from each of the following organizations were the official roundtable participants: American Beekeeping Federation, American Honey Producers Association, National Honey Packers & Dealers Association,

Western States Honey Packers & Dealers Association, and Sioux Honey Association. Several industry committees were formed and motions passed during the one-day roundtable. A summary roundtable report will soon be available on NHB's web site at www.nhb.org.

NHB-Sponsored Mite Control Research

A research project titled "Microbial Control of Varroa with the Fungus *Metarhizium anisopliae*" was recently completed. The National Honey Board provided funding for the project through its research program. Rosalind James, PhD, at the US Department of Agriculture Agricultural Research Service in Utah led the project with assistance from Jerry Hayes, Chief-Apiary Inspection section at the Florida Department of Agriculture and Consumer Services and Jerrod Leland, PhD, Southern Insect Management Research Unit, Mississippi.

The project's objective was to test the viability of the fungus *Metarhizium anisopliae* as a control for the *Varroa* mite. Two field trials were conducted, each one varying the application methods and the season. None of the experiments gave any measurable level of mite control. Although the fungus *Metarhizium anisopliae* is capable of infecting mites in the laboratory at hive temperatures, poor infection rates occurred in the field. The spores survived very poorly in the hive, and may have been a major cause for lack of efficacy.

Another possible reason for the poor field control may be that the treatments failed to get the spores into direct contact with the mites, a condition required for infection to occur. The mites are protected from exposure to spores when they are in the brood cells. Also, when *Varroa* are on the bodies of adult bees, it may be difficult to get the spores directly in contact with the mite cuticle.

To obtain a copy of the research report, call the National Honey Board at (800) 553-7162.

LONG-TIME WILLAMETTE VALLEY BEEKEEPER JIM WALKER PASSED ON JULY 15, 2006. JIM WAS A MEMBER OF OSBA AND THE WILLAMETTE VALLEY BEEKEEPERS ASSOCIATION, AND A FORMER STATE BEE INSPECTOR. AS NOTED IN THE *StatesmanJournal*, HE WAS LOVED BY MANY PEOPLE AND WILL BE GREATLY MISSED.

PLAN TO VISIT NEWPORT THIS FALL!

This fall's OSBA Conference will include a Bee School taught by Thom Trusewicz for those who are new to bees and beekeeping and interested in gaining experience, as well as for beekeeper family members who want to learn more about these amazing insects. The event will take place in the Cove Room at Agate Beach Inn Best Western in Newport alongside the regular conference (see pages 10-11).

Bee School Cove Room
Instructor: Mr. Thom Trusewicz

Friday, October 27

8:30 am: Beekeeping Equipment Demo

9:15 am: Anatomy: Worker Bees

10:00 am: Break

10:15 am: Drones and Queens

11:00 am: Friday Bee School Concludes

Saturday, October 28

8:30 am: Bee Behavior

9:15 am: Honey Bee Pests and Diseases

10:00 am: Break

10:15 am: Hive Products Q & A

OSBA Fall Conference 2006

Agate Beach Inn Best Western—Newport, Oregon
October 26, 27, and 28

Thursday, October 26

7:00 pm: Wine and Cheese Social

Friday, October 27

7:30 am: Registration

8:00 am: Silent Auction Begins

8:15 am: Welcome and Announcements
Mr. Kenny Williams, OSBA President
Mr. Greg Lemmons, IHIA President

General Session in the Ball Room
(see *Bee School information, page 9*)

8:30 am: Honey Bee Queens
Ms. Susan Cobey

9:15 am: Successful Formic Acid Application
Mr. David VanderDussen, NOD Apiaries

10:00 am: Break

10:15 am: To be announced

11:00 am: Genetic Diversity in Commercial Honey
Bee Populations/Ms. Debbie Delaney, WSU

Noon: Luncheon
WSU/Cornell Queen Project
Dr. Steve Sheppard, WSU

1:15 pm: Honey Bee Dissection for Tracheal
Mite Infestation/Dr. Diana Sammataro

Note: *Special Session in the Cove Room*
2:00 pm: *Tracheal Mite Dissection Lab*
Dr. Lynn Royce

2:00 pm: Bees of Ethiopia; Bees of Oregon
Dr. Marina Meixner

2:45 pm: Break

3:00 pm: Fall Requeening Strategies
Mr. John Jacob, Old Sol Apiaries

3:45 pm: To be Announced

4:00 pm: Silent Auction Ends

4:30–5:45 pm: State Business Meetings

6:00 pm: Social Hour

7:00 pm: Banquet
Foothills Honey Company/Mr. George Hansen

Benefit Auction

Saturday, October 28

7:30 am: Registration

8:15 am: Welcome and Announcements
Mr. Kenny Williams, OSBA President
Mr. Greg Lemmons, IHIA President

General Session in the Ball Room
(see *Bee School information, page 9*)

8:30 am: Carl Hayden Research Lab
Dr. Diana Sammataro

9:15 am: Northern Beekeeping
Mr. David VanderDussen

10:00 am: Break

10:15 am: 21st century Honey Bee Queens
Ms. Susan Cobey

11:00 am: WSU Bee Stock Evaluation
Mr. Ben Horwath, WSU

Noon: Luncheon
Speaker: To be announced

1:15 pm: Candle Making
Mr. Chuck Sowers, Sowers Apiaries

Note: *Special Session in the Cove Room*
2:00 pm: *Candle-Making Lab*

2:00 pm: National Honey Board Report
Mr. George Hansen

2:45 pm: Break

3:00 pm: To be announced

3:45 pm: Panel Discussion Q & A
Dr. Lynn Royce, Moderator

4:30 pm: Adjourn

**OSBA Fall Conference 2006
Agate Beach Inn Best Western—Newport, Oregon
October 26, 27, and 28**

Attendee’s Last Name First Name MI Registration Date

Company Name (if applicable) _____

Home Phone _____ **Work Phone** _____

Mailing or Street Address _____ **Cell Phone** _____

_____ **e-mail** _____

City _____ **State/Province** _____ **Zip Code** _____

| Event | Pre-Registration for Individual Days | Full Conference Pre-Registration |
|---|---|--|
| Thursday Night hospitality room | Complimentary | Complimentary |
| Friday Conference Only @ \$40 (see item 1 below)/Family registration fee @ \$55 | \$ | XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX |
| Saturday Conference Only @ \$40 (see item 1 below)/Family registration fee @ \$55 | \$ | XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX |
| Full Conference @ \$75 (see item 1 below) Family registration fee @100 | XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX | \$ |
| Friday Noon Luncheon @ \$15 | \$ | \$ |
| Friday Evening Banquet @ \$25 | \$ | \$ |
| Saturday Noon Luncheon @ \$15 | \$ | \$ |
| OSBA Membership (includes <i>Bee Line</i>) \$20 | \$ | \$ |
| Total | \$ | \$ |

For exhibitors: number of tables @ \$25__ Total plus exhibitor’s table fee \$ _____

1. **Attendees qualify for pre-registration rate if application form (with registration fee) is postmarked on or before October 1, 2006. Late or on-site registration rates are: \$45 for One Day (\$60 for Family) and \$85 for Full Conference (\$110 for Family).**
2. **Make checks payable to OSBA.**
3. **Mail completed registration form and payment to:
Phyllis Shoemake, 1702 Toucan St NW, Salem OR 97304-2027.**
4. **Hotel reservations are not included in these rates. Make your reservations for the Agate Beach Inn at (800) 547-3310. Ask for the Beekeepers Fall Conference special room rate. You must make sure that they know you are with “the beekeepers” to get the special rate.**

KEEPING BEES IN WESTERN OREGON

Harry Vanderpool

August

Provide water continuously.

Remove all honey supers to extract before starting medication program. Dry supers with excessive amounts of uncapped honey with a steady current of air for a few days. Test the frames by probing random cells with a toothpick and measuring the honey with a refractometer. Readings under 17% indicate that the honey should be OK.

Extract as soon as possible after removing supers. Procrastinate on something else!

Don't tempt robber bees by exposing honey, cappings, or comb.

Make hive inspections as brief as possible.

Inspect earlier in the morning to avoid robbers. Stop if robbing behavior begins.

Reduce entrances on weak colonies after hot days are over. Combine small, weak, or queenless colonies. Place a single sheet of newspaper between supers when combining colonies this late in the year.

Keep on the lookout for foulbrood.

Begin *Varroa* treatment as close to the first of August as possible. Test random colonies for *Varroa* load before treatment and retest after fall treatment is concluded.

Select a tracheal mite strategy and follow through with it.

Start Terramycin powder treatments while colony populations are still high. Use only fresh Terramycin.

Check stored comb for moth infestation.

Place any extracted honey frames to be stored in a dry, cool area with moth treatment.

Leave 40–50 pounds of honey in each colony for fall build-up or feed colonies light on stores an equivalent amount of sugar syrup (2:1).

Feed supplementary pollen patties if stores are inadequate or a pollen dearth exists.

Put your treatments in writing and use this document to help assess the efficacy of your pest-control strategy.

Adapted from: *The Bee Line* 30(7): 5.

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