

The Bee Line

Newsletter of the Oregon State Beekeepers' Association

Volume 32, Number 10

November/December 2007



Rosanna Mattingly

IN THIS ISSUE...

Colony Nutrition	1
President's Message	2
Donations for Endowment	3
Endowment Agreement	4
Only One Way to Donate	6
OSBA Resources	7
The Region	8
Bruce Yeager Remembered	9
Keeping Bees	10
2007 Pollination Survey	10
Calendar	12
Classified Ad	13
Membership Form	15

Image above: A mess of pollen—essential for colony health. As those who spoke at the conference emphasized, there's no substitute for the nutrition provided by pollen collected from a variety of sources—*mixed pollen*.

Note: Randy Oliver was among those who presented at the annual conference. For more information about bee nutrition as well as *Varroa* management, almond pollination, and other topics, visit his web site: www.scientificbeekeeping.com. (More about the conference in the next issue of the newsletter.)

IN A WORD, *Nutrition*

Randy Oliver

As our bees face several new pathogens, awareness of colony nutrition becomes increasingly important. This is especially true for those going to almond pollination. Bee nutrition is essentially synonymous with pollen intake, both at the individual and at the colony level. The most important nutrient to be concerned with is protein. Protein in a colony is stored in nurse bees' bodies in the form of two storage proteins—one of which is called *vitellogenin*. Vitellogenin serves to increase immune function, plus is used as the base of the jelly that is produced by nurse bees to be fed to larvae, queens, drones, and foragers.

If natural pollen intake is not sufficient to produce enough vitellogenin, the colony will shut down broodrearing, bee immune function will be impaired, and bees will die at a younger age. Colonies in such condition will winter poorly and be susceptible to mite and disease damage. Beekeepers are able to supplement natural bee forage by providing protein patties and sugar syrup.

There are various protein supplements, none of which is yet as good as natural pollen. They should be fed at appropriate times, based upon natural pollen intake, amount of broodrearing, and time of year. Patties should be placed between the brood boxes, in the center of the cluster. Sugar syrup feeding should also be based upon your objective. Sucrose syrup is best—light syrup for broodrearing stimulation, and heavy syrup to put up reserves for winter. One half gallon of light syrup per week will stimulate a colony to maintain a broodnest. Several pounds of pollen patty may be necessary in fall and after the winter solstice.

For proper utilization of protein, the colony must have enough nurse bees to convert it to vitellogenin. You must also make sure that nutritional uptake is not impaired by *Varroa* or *Nosema*. *Nosema ceranae* is taking the place of *N. apis*, and is active all year. It is apparently causing significant colony dwindling, poor buildup, and collapse worldwide. You can diagnose the level of *Nosema* infection yourself with a 400x microscope, by using appropriate techniques. Fumigillin is the only approved treatment, but several alternatives are promising.

The Bee Line

The Bee Line is the official publication of the Oregon State Beekeepers' Association. The newsletter is published ten times a year, and subscriptions are included with membership in OSBA.

Please send news about your bees and your experiences in keeping them, as well as corrections, letters, comments, photographs and stories (old and new), interviews, and requests for advertising to the Editor, *The Bee Line*, 4803 SE Woodstock Blvd Ste 157, Portland OR 97206; e-mail: thebeeline@comcast.net.

Advertising Costs Per Issue

Business Ads:

Business card	\$10.00
Quarter page	\$25.00
Half page	\$50.00
Full page	\$100.00

Classified Ads (30 words):

Members	\$3.00
Nonmembers	\$5.00

Please submit all copy by the 10th of the month prior to publication. The next issue will be January/February 2008. Contact the Editor for any additional information. Thank you!

MESSAGE FROM THE PRESIDENT

Last week we were driving to Central Oregon to feed bees. The man I was taking to help had never been over Mount Hood during the fall. The colors were so spectacular that I told him we should stop and take a picture. His reply was that a picture could never do justice to the scenery we were passing through. I thought the same thing these past few days as we went to and returned from the Oregon State Beekeepers' Association Conference at the Coast. Oregon is such a beautiful place to live and work. Of course, that is one of the reasons we can have such great speakers present at the conference. Many of the speakers come early to tour the area or stay a few days after for a wonderful vacation.

The attendance for the conference was near an all-time high. The topics were varied and covered many important areas of interest. The number of entries in the honey show impressed me. More impressive was the number of varieties of honey shown. The support given by the luncheon crowd was even more impressive when the honey entries were auctioned. Many of the one-pound jars sold in excess of thirty dollars. Many won blue ribbons. Fred VanNatta won the Sweepstakes Award, and Florence Ames got the Judge's Choice Award for her poison ivy honey. The photographs entered were spectacular. And you should have seen Mont Rouse's picture of a very large swarm titled *Gorilla*. It truly looked like a large gorilla climbing in a tree.

Thanks to our Vice President, Mark Johnson, our Secretary, Lynn Royce, and our Treasurer, Patricia Swenson, for the many hours they put into getting this year's conference up and running.

I hope that you will start thinking now of attending next year's conference. Remember to set aside some of next year's crop for the honey show. It would be wonderful if you have a camera with you when that winning photo shows itself.

Let's get those fat bees put to bed for the winter and dream of two-hundred-pound honey crops for next year.

—Chuck



**FOOTHILLS HONEY
COMPANY LLC**

GEORGE AND SUSAN HANSEN
30576 OSWALT RD.
COLTON, OR 97017

503 8242265
CELL: 503 7993463
FAX: 503 8242260
EMAIL geohans@colton.com

November, 2007

Dear Members and Stakeholders of the Honeybee Industry ,

As you are aware, the combined effect of the dissolution of the OSU Entomology Department, the retirement of Dr. Burgett, and the continued fiscal shortfalls in the Oregon University system has left the beekeeping industry without an apiculture position in Oregon. The last cycles of hiring have not had such a position in the highest priority status, and future hiring may not have such a position highly prioritized for some time to come. The Oregon State Beekeepers Association has negotiated with Oregon State University Foundation an agreement establishing an endowment fund with the ultimate purpose of fully endowing an apiculture position at OSU. The contract is written in such a way that prior to the time the balance is large enough to fully support a position, the proceeds may be used at the discretion of an advisory committee to support research directed at the priorities of the industry.

The University has indicated verbally that if our industry made the commitment to such a fund, even at a level far below the fully endowed level, hiring decisions would be influenced. In order to establish this fund, and use the investment services of the Foundation, we must have \$25000 donated to the Endowment Fund by the end of December.

In September of 2005, a survey was circulated in the beekeeping and agriculture industry to judge the viability of establishing such a fund. On the strength of the responses, it appeared there was adequate interest to pursue such an idea. Now that the Fund has been established, it is time for us to follow up on our pledges. I would encourage you to look up and read the information about the Fund on the OSBA website, or ask for a copy at the convention in Newport. Instructions on how to make a tax deductible donation will be included.

I am hoping that collectively we can commit to this long term approach to problem solving. Modest contributions will accumulate, and our commitment will gain the attention of larger donors. I hope you will join me in supporting this effort.

Sincerely, George Hansen
Foothills Honey Co LLC

Note: The Agreement appears on pages 4-6 and the required format for making donations, on page 6.

OREGON STATE UNIVERSITY FOUNDATION

850 SW 35TH STREET phone 541-737-4218 • 800-354-7281
CORVALLIS, OREGON 97333-4015 fax 541-737-0498

**NORTHWEST APICULTURE FUND FOR HONEY BEE
RESEARCH, EXTENSION AND EDUCATION**

Endowed Fund Gift Agreement

Recognizing that the Oregon State University Foundation (“Foundation”) will rely upon our pledge in engaging in activities for the benefit of Oregon State University (“University”), and taking into account our interest in honey bee research, extension, and education, we hereby pledge to the Foundation in consideration thereof an amount equal to Twenty-five Thousand Dollars (\$25,000.00) to be paid within six months of the signing of this agreement.

We have made this pledge to the Foundation to establish the “Northwest Apiculture Fund for Honey Bee Research, Extension and Education” (“Fund”) to be used in support of honey bee research, extension, and education within the Department of Horticulture, or its successor, at Oregon State University. The Fund’s purpose is and shall be consistent with the Foundation’s policies and with its status as a tax-exempt organization. The Donors recognize the value of a healthy honey bee industry not only to Northwest beekeepers but also to the growers and processors of the many crops dependant upon the pollination services provided by beekeepers for the production of those crops.

Disbursements from the endowment are to be used to fund research, extension, and teaching as defined above and as determined by the Northwest Apiculture Fund Review Committee (“Committee”). The Committee shall be appointed by the Dean of the College of Agricultural Sciences in consultation with the Head of the Department of Horticulture, or its successor. It will be composed of:

1. The Head of the Department of Horticulture, or its successor, who will also act as chair of the Committee.
2. Two additional faculty members from the University: one from the Department of Horticulture, or its successor, and one from outside the Department of Horticulture, who will have a three-year appointment rotation. In addition, one of the above three faculty members shall be a faculty entomologist.
3. Three members of the Northwest beekeeping industry, whose names will be provided by the Executive Board of the Oregon State Beekeepers

Association ("OSBA"). In the event of the termination of the OSBA, the Dean of the College of Agricultural Sciences shall select beekeeping industry representatives. Industry representatives will be appointed to three-year terms.

If and when the principal of the Fund reaches the required minimum to establish an endowed professorship at the University, and when the University hires a honey bee entomologist, the Fund is to be renamed the "Northwest Apiculture Professorship in Honey Bee Research Fund," and the Fund's earnings may then be used to support a faculty member who exhibits a strong interest in, and knowledge of, the beekeeping industry of the Pacific Northwest. The Committee shall serve as the selection and review committee to recommend and evaluate the holder of the professorship. In addition, the following criteria will apply:

1. The candidate must hold a minimum of a Ph.D. degree in apiculture, entomology, or related field.
2. The candidate must have a documented record of scholarship in honey bee entomology.
3. The candidate must be able to provide program leadership and to make contributions to the education, extension, and research goals of the Fund.
4. The candidate must have a strong interest in working with students, beekeepers, growers, and fellow researchers.

We understand and agree that all gifts and contributions received for credit to the Fund, together with the net appreciation and net income generated by the Fund, shall be held until contributions to the Fund reach Twenty-five Thousand Dollars (\$25,000.00). Beginning then, an annual allocation will be made for the purposes described above in accordance with the Foundation's then current spending policy. We agree that if contributions to the Fund do not reach Twenty-five Thousand Dollars (\$25,000.00) within five years of the date of this agreement that the Fund may remain in whole or in part as an endowed fund with an annual allocation to be made or the Fund may be distributed or be expended in part or full consistent, to the greatest degree possible, with our wishes as described above.

We understand and agree that the principal of this Fund shall be considered an endowment fund and shall be kept intact and invested in accordance with the investment and spending policies set forth from time to time by the Foundation and applicable provisions of Oregon law.

We understand and agree that the Foundation may assess such fees as are reasonable and necessary to meet the costs of acceptance, investment and administration, in accordance with the Foundation's fee schedule set forth by the Foundation Board of Trustees.

We understand that we or any other person or entity may make additional contributions of cash or property to the Fund, either during our lifetime or by bequest. All such contributions shall be subject to the terms and conditions of this agreement.

We understand and agree that the University and Foundation are bound by the terms of this agreement and will honor the Donor's intent. In the unlikely scenario that the Committee determines that the University or the Foundation has willingly used the principal or income from this Fund for any purpose other than as stated in this agreement, the balance of the entire fund, including both principal and undistributed income, will be returned to the OSBA. The OSBA will then have the option of entering into a new agreement with the Foundation to establish a new fund, in which the principal would continue to be managed by the Foundation and the disbursements could be directed to apiculture research at other institutions.

DONATIONS TO THE NORTHWEST APICULTURE FUND FOR HONEY BEE RESEARCH, EXTENSION AND EDUCATION

To make a donation to the Fund:

- Make your check out to: **OSU FOUNDATION**
- On the memo line, write: **NORTHWEST APICULTURE FUND**
- Mail your donation to:

Oregon State University Foundation
850 SW 35th St
Corvallis, OR 97333-4015

Direct any questions for the Foundation to their Director for Development for the College of Agricultural Sciences, Todd Bastian, at (541) 737-8724.

IMPORTANT: PLEASE DO NOT make your check out to *Oregon State Beekeepers' Association* or *Oregon State University* or any entity other than OSU Foundation. Making your check out only as described above ensures that your donation is correctly applied to the Apiculture Endowment and not to any other program.

OREGON STATE BEEKEEPERS' ASSOCIATION RESOURCES
OSBA REGIONAL REPRESENTATIVES

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

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

Metropolitan Area: Doug Woods
14285 S Union Hall Rd, Mulino

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

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

Willamette Valley: Harry Vanderpool
7128 Skyline Rd S, Salem; (503) 399-3675
shallotman@yahoo.com

OSBA REGIONAL ASSOCIATIONS

Central Oregon Beekeepers
Meets 6:30 pm, third Tuesday, Bend
Deschutes Public Library, Hutch Rm
President: Dennis Gallagher
(541) 389-4776

Secretary/Treasurer: Glenda Galaba
(541) 383-1775; galaba@msn.com

Coos County Beekeepers
Meets 6:30 pm, third Saturday (except Dec)
Olsen Baxter Bldg, 631 Alder St, Myrtle Pt
President: Thomas Kyelberg
(541) 297-4017; usvi@charter.net

Vice Pres: Spike Richardson; (541) 267-4725

Secretary: Marda 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: Morris Ostrofsky
(541) 685-2875; ostrofsky@pacinfo.com
Vice President: Judy Scher
judy_scher@catdreams.com

Secretary: Barbara Bajec; (541) 767-9086;
mbartels@bbastradesigns.com

Treasurer: Nancy Ograin
(541) 935-7065; woodrt@pacinfo.com
web site: www.lcbaor.org

Portland-Metro Beekeepers

Meets 7 pm, second Thursday, Oregon City
Hous Auth Clackamas Bldg, 13930 S Gain

President: Kerry Haskins
(503) 632-8448; kh251@aol.com

Vice President: Peter Forrest
(503) 236-7787; pdxpete57@msn.com

Secretary: Paul Hardzinski; (503) 631-3927

Treasurer: Barbara Derkacht
(503) 631-3063; bderkacht@yahoo.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; john@oldsolenterprises.com

Vice President: Floyd Pawlowski
415 Pompadour Dr, Ashland

Secretary/Treasurer: Julian Lewis
(541) 535-5817; lewis_adams_00@yahoo.com

web site: www.southernoregonbeekeepers.org

Tillamook County Beekeepers

Meets 7 pm, first Thursday, Tillamook
Forestry Building, 5005 Third St

President: Bob Allen; (503) 322-3819

Vice President: 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: Andrew Schwab
(503) 537-0506; pyr4ausi@verizon.net

Vice President: Todd Balsiger
(503) 357-8938; toddbalsiger@comcast.net

Secretary: Preston Gabel
(503) 530-1436; preston@gabelhaven.com

Co-Treasurers: Michael and Brigitte Hendrickson
hendricm@ece.pdx.edu

Willamette Valley Beekeepers

Meets 7:30 pm, fourth Monday, Salem
Chemeketa Comm College, Bldg 34, Rm A

President: Richard Farrier; (541) 327-2673

Vice President: Harry Vanderpool
(503) 399-3675; shallotman@yahoo.com

Secretary: Mike Rodia
(503) 364-3275; drodia@yahoo.com

Treasurer: Susan Rauchfuss
(503) 391-5600; smokfoot@cyberis.net

REGIONAL ASSOCIATIONS

Lane County

The November meeting of LCBA could prove to be a “sticky” one as members and visitors will have the opportunity to taste each other’s honey. There will be prizes for the best-tasting sample as well as the most appealing! Also members will vote on the 2008 Executive and Board of Directors for the club. December will see members staying safe and warm in their “hives” and getting ready for the first meeting of 2008 in January. See our web site (www.lcbaor.org) for meeting location and additional information.

—Katharine Hunt

As the season comes to an end, I like to look back on what worked and what didn’t. The three Raid Yellow Jacket traps have all failed—not a single hornet in any of them. On the other hand, my two Rescue traps are full again....



The MHQ queens have done very well, producing lots of brood. This was the first year that I was hit by the greater wax moth, however. I have always used queen excluders until this year. This seems to be one of those questions that comes up every year, and it is one of those that has been the topic of many meetings with pros and cons. This year I did not use an excluder on two of my hives. They may or may not have produced more honey, but one did produce brood and the other, the greater wax moth—damaging four frames out eighteen total. On the few sunny days we have had lately, the bees have been finding the hardy asters, the last of the catnip, and the *Abelia*. There is not much else out there for them. If

you plant some hardy asters, keep in mind that when you have bees those seeds will germinate and you will have lots more asters. I started with three plants several years ago and now have them everywhere, plenty to share with friends and neighbors.

—Ken Ograin

Note: For wax moth control, see previous issues of the newsletter and Dr. James Tew’s fact sheet: ohioline.osu.edu/hyg-fact/2000/2165.html.

Portland-Metro

At our October meeting we discussed the upcoming OSBA Fall Conference. Elbert Lowry won the club OSBA-donated registration to the conference. It will be his first visit to the annual event. All those planning to attend and a few first-timers, like me, can’t wait! Our guest speaker for the October meeting was Chuck Sowers, who did a presentation on candle-making that was thoroughly enjoyed by all. One of our guests was David Hargraves of Cycle of Gold, who was part of Chuck’s presentation and has a very nice candle-making business. You can visit his booth at the Portland Saturday Market under the Burnside Bridge. Our next meeting will be Thursday, November 8th, when George Hansen of Foothills Honey will talk about Colony Collapse Disorder.

—Peter Forrest

Tualatin Valley

Many thanks to George Hansen and Chuck Sowers for being our speakers for the past two months. The October meeting will include honey/biscuits tasting and suggesting topics for the coming year. We will not meet in November. Our Christmas dinner/elections will take place in December. The January meeting will be a discussion on the beekeeping calendar year. I hear the question a lot: “What should I be doing for my bees this time of year?” Well, come for the January meeting and you too will know first-hand. The club extractor rental went very well this year. Everyone returned it CLEAN! This will keep the cost down for next year... Thank you very much to those who used and took care of the extractor.

—Andrew Schwab

Bruce Asa Yeager
November 8, 1922–October 8, 2007

Bruce Asa Yeager was born Nov. 8, 1922, in Underwood, N. D., son of Bruce Leonard Yeager and Nora Ferne Zeller Yeager. He died Oct. 8, 2007, in The Dalles.

He came to the Coos Bay area in 1923, with his parents. In 1931, his family moved to Roseburg, where he graduated from Roseburg High School. He was a member and officer of DeMolay. In the summers he worked with a government trapper and later manned fire lookouts for two years in the Umpqua National Forest.

He enlisted in the U.S. Navy in 1942, and trained as a naval cadet until that unit was disbanded and then he served as an instructor in free gunnery. He was married to Elsie Marie Melbo on March 8, 1947, in Klamath Falls. A son, Bruce Robert, was born. The marriage ended in divorce.

After the service, he attended and graduated from Oregon State College in 1950. He worked at that time in a private sawmill. In the early 1950s, he worked for the Oregon State Game Commission as a wildlife biologist in the Coos Bay/Coquille area. In December 1953, he was employed by the U.S. Department of the Interior, first in Marysville/Eureka, Calif. areas, then in the Portland area. In 1958, he transferred to the U.S. Department of Commerce, working on the Olympic Peninsula and in the Seattle and Astoria areas. He served in Seattle as chief of the Enforcement Division for the Northwest Region, National Marine Fisheries Service, NOAA, mainly involved in surveillance of foreign fishing fleets. After his retirement in 1975, he fished commercially and bought fish in Astoria.

He was married in 1977, in Bellevue, Wash., to Patricia Sether Haskin, who survives him. They moved from Astoria to Coos Bay after retirement in 1979. In the 1980s, he helped his cousin, Ivan Zeller, with his bees and was hooked on beekeeping. He was on call to pick up swarms in trees, off vans or to vacuum bees out of houses. He took hives to pollinate peaches in Hinston and blueberries in Langlois. He served as vice president then president of the Coos Bay County Beekeepers for two years and regional representative for several years. He served as chairman of the Apiary Advisory Committee to the Oregon State Department of Agriculture in 1984 and again in 1989-93, during the troubles with invasion of mites into the bee population.

He was a member of the Elks Lodge No. 326 in Roseburg and the Oregon State Beekeepers. He belonged to Northwest Steelheaders and National Active and Retired Federal Employees. He was a life long hunter and fisherman. He enjoyed clam digging, crabbing, smelt dipping, camping, fly-tying and raising apples, berries and rhubarb.

Besides his widow, he is survived by his son, Bruce and life-partner, Valorie of Seattle; stepson, Mark Haskin of Everett; stepdaughter, Shirley Carr; step-granddaughter, Kathryn Carr of Seattle; his sister, Lee Wentworth and husband, Ernest of Ninilchik, Alaska; and a niece, Molly Wentworth and husband, John of Coos Bay.

The family suggests memorial contributions to the Alzheimer's Foundation, 1131 NW 21st Ave., Portland, OR 97209; or OHSU's Parkinson's Center of Oregon, 3181 SW Sam Jackson Park Road, Portland, OR 97239.

Note: Reprinted with permission from *THE WORLD*, Coos Bay, OR.

KEEPING BEES IN WESTERN OREGON

Todd Balsiger

November and December are two months to enjoy the lack of bee work. That being said, I will still make you think that there is a lot to do by what I write below:

- ❖ For us in the Northwest, excessive moisture in our hives is one of our biggest concerns. Make sure lids are water tight, that hives are tilted so water drains away, and that there is sufficient ventilation. This is even more important come January when brood rearing and metabolism increase hive moisture.
- ❖ At this time the bees are clustered together in dormancy, except for those periodic warm spells that allow the bees to break their cluster, move closer to stored honey, and make those all-important cleansing (defecating) flights.
- ❖ These periodic warm spells afford the opportunity to visually assess the health of our hives and to do emergency manipulations, if necessary. As a rule, never open a hive during the winter unless there's a good reason and the temperature is at least 45°F. Work *around* the cluster rather than *through* it.
- ❖ Take note of colonies that are flying little or not at all during these periodic warm spells. Do a cursory check for weight (lift the hive to assess) and to determine whether or not the hive is alive (place your ear against the wall, thump it with your hand, and listen for the *buzz*).
- ❖ For hives low on stores, feed fondant or frames of honey, or possibly retire the colony. Do not feed syrup at this time. Bees cannot remove the extra moisture, and too much water in the bees' diet in conjunction with confinement leads to dysentery.
- ❖ An ideal way to feed fondant is to use lids with rims and to pour the fondant directly into the void. These lids can have up to 5 pounds of feed and last 2–3 weeks.
- ❖ Drivert has been discussed as an alternative

to regular fondant (or dry sugar) on the OSBA Message Board. Drivert has existed for at least 30 years as a potential alternative for emergency feed. It is composed of 92% finely pulverized sucrose along with 8% invert sugar. According to C&H, drivert is "a dry fondant sugar used in icings and pan-coated confections."

- ❖ For dead-outs, determine why the hive succumbed (usually queenlessness) and make sure frames are free of scale from American foulbrood. Shake out the dead bees. Then clean and return the equipment to storage.
- ❖ Check your apiary occasionally—especially after a wind storm. Make sure that the lids are secure and verify that animals (e.g., mice, bears, and humans) have not been bothering (e.g., chewing, eating, or vandalizing) the hives.
- ❖ Consider placing your order for queens now. Demand for queens has increased during the last few years.
- ❖ Give honey and/or candles to family, friends, farmers, and growers for the season and holidays.

2007 PACIFIC NORTHWEST HONEY BEE POLLINATION SURVEY

Michael Burgett

This is the 21st year that the Pacific Northwest Honey Bee Pollination Survey has been conducted by the Oregon State University Honey Bee Lab. The survey was to have ended last year, but the Washington State Beekeepers' Association requested its continuation and has provided the funding for this. My sincere thanks to WSBA for their moral and fiscal support of this effort.

From the survey data we have learned many things, including the historical trends of increasing pollination fees and usage patterns for the various commodities that utilize honey bees in managed pollination. The survey has provided the strongest and longest data base

for pollination services for any region of the US. Numerous beekeepers have reported the usefulness of the survey for their individual beekeeping operations.

I invite and welcome your participation in this year's survey. As concerns any individual beekeeper, all information you provide will be held in confidence. In filling out the attached

form, you do not need to provide your name unless you wish to do so.

Results from the survey will be published in the *OSBA Bee Line*, the *WSBA Newsletter*, and the *USDA Honey Market News*. Please return the completed form as soon as possible, hopefully before **December 1, 2007**. Please note a change of address for the honey bee program at OSU.

HONEY BEE POLLINATION SURVEY—2007

The following list includes crops grown in the Pacific Northwest that either require or greatly benefit from honey bee pollination. Please indicate if you used your colonies for pollination of any of these crops during 2007. Mail form to: Michael Burgett, Department of Horticulture, 4017 Ag & Life Sciences, Oregon State University, Corvallis, OR 97331.

Crop	County	Acres Pollinated	Number Of Colonies	Price Per Colony
Pear				
Sweet Cherry				
Apple				
Blackberry				
Raspberry				
Blueberry				
Cranberry				
Vegetable Seed				
Clover Seed				
Red or White				
Crimson				
Vetch				
Radish Seed				
Cucumber				
Squash/Pumpkin				
Watermelon				
Meadowfoam				
Other				
California Almonds				

Do you use a pollination contract with your growers?

Yes _____ **No** _____ **Sometimes** _____

The number of colonies you owned in **2007**: _____

Estimated percent split of your annual gross beekeeping income among:

Honey sales _____% **Pollination rental** _____% **Other** _____%

Commercial beekeepers only:

How many full-time employees did you have in 2007? _____

What is your estimated TOTAL cost (in dollars) to maintain one colony of honey bees for one year? \$ _____

CALENDAR NOTES

November 2—Release of *Bee Movie*. For information, see local listings and visit: www.beemovie.com. Information for educators (grades 3–5) is at: www.scholastic.com/buzzonbees.


December 11—Four-hour symposium on *Colony Collapse Disorder in Honey Bees: Insight into Status, Potential Causes, and Preventative Measures*, now scheduled as part of the 55th Annual Meeting of the Entomological Society of America to be held December 9–12 in San Diego.

December 31—Deadline for submission of research proposals for research with emphasis on colony health without adverse effects on the production of quality honey. For information, see: www.honey.com/currentnews.asp.

January 31, 2008—Reporting deadline for all 2007 pesticide applications, to be reported online through PURS to the Oregon Department of Agriculture for those who fall under Oregon’s Pesticide Use Reporting System (PURS) requirements. For information, visit the PURS Web site: oregon.gov/ODA/PEST/purs_index.shtml or call the PURS Information Line at (503) 986–6472 to speak with a member of the PURS staff.

Ongoing—For the most recent findings on CCD, continue to visit: maarec.cas.psu.edu/ColonyCollapseDisorder.html.

For the new year, consider placing your ad in this newsletter (see page 2) and/or on the OSBA web site: www.orsba.org (click on Advertising).



Honey and
Crop Pollination

George and Susan Hansen
30576 Oswalt Rd.
Colton, Oregon 97017
Telephone: (503) 824-2265

Guarantee Your Order for 2008 ... Call Today! (877) 865-0298




CALIFORNIA
PH: (530) 865-0298
FAX: (530) 865-5570

WAREHOUSE:
6398 County Road 20
Orland, CA 95963

ADMINISTRATIVE OFFICE:
1750 Dayton Road
Chico, CA 95928



Premium Quality Queens
Produced in the Heart of
Northern California
Since 1963

Visit our Order Request Page Online
www.ohbees.com
Email: info@ohbees.com




Olivarez Honey Bees, Inc.
Pollination • Package Bees • Queens

OUTSTANDING QUALITIES

- Hygienic Behavior • Brood Rearing
- Honey Production • Gentle Bees

Big Island Queens
A Division of Olivarez Honey Bees, Inc.

Captain Cook, Hawaii (808) 328-9249

CLASSIFIED AD

COUNTRY RUBES' COMBO Screened Bottom Boards. Three locations in Oregon: Eugene, White City (Medford), and Gladstone (Portland). Call for price and pickup. New distributors: Toni G. in Eugene at (541) 683-3505 and Dave Schoenmann, Shastina Millworks, in White City at (541) 601-1102. Long-time distributor: Ruhl Bee Supply in the Portland area at (503) 657-5399. Thank you Oregon for your hospitality and support.

—Janet at www.countryrubes.com

Ruhl Bee Supply

Oldest Beekeepers Supply in the NW



17845 SE 82nd Drive
Gladstone, Oregon 97027
503.657.5399

www.ruhlbeesupply.com



*Everything
for the Beekeeper*

Call our branch offices: Pat in Fresno or John in Chico for fast courteous service. *Free Full Color Catalog*

PO Box 2837 2765 South Golden State Blvd. Fresno, CA 93745 Phone (559) 495-0230 Fax (559) 495-0232 Toll Free 1-877-432-3268	  	15 C Valley Court Chico, CA 95973 Phone (530) 893-0921 Fax (530) 893-0922 Toll Free 1-877-332-3268 Website: www.dadant.com
---	---	--

HEITKAMS' HONEY BEES



PAT, RUSSELL & CRAIG HEITKAM
4700 FIRST AVENUE • ORLAND, CA 95963
BUS. 530-865-9562 • FAX 530-865-7839
Email: Russell.Heitkam@gte.net

Queens, Bees, Honey & Pollination

GLORYBEE® FOODS

Honey and Beekeeping Supplies



We're getting ready for new crop honey.

Drums are available on credit towards the sale of your honey at season's end. Our stock won't last all season, so get yours today!

2007 beekeeping equipment is now for sale in our Factory Store! Come by today, visit our online store, or browse our colorful mail order catalog.



www.GloryBeeFoods.com • 55 N Seneca Road • 888-240-4525

COMA APIARIES

Don and Erin Coma

8057 Bass Pond Road
Millville, CA 96062
ph 530 547 5773

Italian queens Packages Nucs

www.damoc.com

small orders welcome



GloryBee®

Candle Making Supplies

- Molds, Wicking, Wax Equipment, Packaging, and more!
- Fast Shipments, Friendly Service

Ask for our free 108 page catalog

www.CandleMakerSupplies.com • Eugene, OR 97402 • 800-456-7923

Mann Lake Ltd.

See us first for all your supply needs, big or small. Our knowledgeable sales staff is ready to serve you! We offer fast, courteous service at the most competitive price. Let us give you a quote today.

The Only Source You Need For Beekeeping & Candle Making Supplies

Mann Lake Ltd.
Hackensack MN
Woodland, CA
800-880-7694 MN
866-880-7678 CA
www.mannlakeltd.com



A Family Tradition in Northern California

Homer Park Italian Queens

Top Quality — All Around Queens
That Perform Well In All Areas

50 queens or more per shipment
Spring - Summer \$15.00
Shipping extra

Gentle Bees	Early Buildup	High Productivity	Good Acceptance
-------------	---------------	-------------------	-----------------

QUEENS & NUCS
PH. 530-549-3555

PACKAGE BEES
PACKAGES ARE NOT MAILED.
PH. 530-549-3500

WOOTEN'S GOLDEN QUEENS
11189 DESCHUTES ROAD
PALO CEDRO, CA 96073
FAX 530-549-3624
Toll Free 888-565-8439



Snow Peak Apiaries

Custom Wood Shop

All types of supers, including 8-frame,
Cedar top and bottom boards; Frames—all styles
Custom cut to fit your operation

Franz & Audrey Yordy

(541) 451-3752 34769 E Lacombe Dr
Toll free 1-877-530-5882 Lebanon OR 97355

Bee Culture

THE MAGAZINE OF AMERICAN BEEKEEPING

Don't Miss Even One Exciting Issue of *Bee Culture* Take Advantage of This Association Discount!

Magazine filled with everything you want to know about:

- Bees • Beekeeping • Beekeepers •
- How-To's • Honey Report • Profiles • Recipes •
- Funny Stories • Research • Something For Everybody •

Send check to: **Bee Culture Magazine**
623 W. Liberty, Medina, OH 44256 or call
800-289-7668, Ext. 3220 with credit card

FOR A BEE “FIX” DURING CLUSTER TIME *(A few of many recent good reads!)*

Bees in America: How the Honey Bee Shaped a Nation by Tammy Horn. Copyright 2005, published by The University of Kentucky Press, Lexington.

Robbing the Bees: A Biography of Honey – The Sweet Liquid that Seduced the World by Holley Bishop. Copyright 2006, published by Free Press, New York.

Sweetness & Light: The Mysterious History of the Honeybee by Hattie Ellis. Copyright 2005, published by Harmony Books, New York.

MEMBERSHIP AND PUBLICATIONS FORM

Membership in the Oregon State Beekeepers’ Association is open to anyone with an interest in bees and beekeeping. You do not need to own bees or reside in Oregon to join. Membership includes a vote in OSBA elections, discounts on publications, and ten issues of *The Bee Line*. To become a member, send check made payable to OSBA with completed form to: Patricia Swenson, 11665 SE Webfoot Rd, Dayton OR 97114.

Name: _____

Mailing address: _____

City/State/Zip: _____

Telephone number: _____ **e-mail address:** _____

Discounted Publications:

Journal	1 year	2 years	3 years
<i>American Bee Journal</i>	__\$18.70*	__\$35.40*	__\$49.80
<i>Bee Culture</i>	__\$21.00**	__\$38.00**	—
<i>The Speedy Bee</i>	__\$13.25	__\$25.25	—

*Outside the US, add \$18 per year for postage.

**Outside the US, add \$15 per year for postage.

Note: *The OSBA respects the privacy of members and will not sell any information provided. May we include your name and address in a membership list that will be given to OSBA members only? YES/NO (please circle one).*

Membership: \$20 per person (\$29 per person outside the US) \$ _____

Publication(s): Indicate journal(s) and period(s) of subscription \$ _____

Additional voluntary contribution: Designate Research Fund/ General Fund (please circle one) \$ _____

Amount enclosed: \$ _____

The Bee Line

Newsletter of the Oregon State Beekeepers' Association
4803 SE Woodstock Blvd Ste 157
Portland OR 97206

Address Service Requested

NONPROFIT ORG
US POSTAGE
PAID
PORTLAND OR
PERMIT NO. 2358

Please check your mailing label. If the date on the label is near *November 2007*, your membership is due to expire. *This is your friendly renewal notice.*

To make a prairie it takes a clover and a bee—
One clover, and a bee, / And revery. / The revery alone will do / If bees are few.

—Emily Dickinson

May the lengthening periods of darkness find you taking time for sweet revery.

The **Oregon State Beekeepers' Association** is a nonprofit organization representing and supporting all who have an interest in honey bees and beekeeping.

President: Chuck Sowers
26730 S Hwy 170
Canby OR 97013
(503) 266-1740
sowers@canby.com

Treasurer: Patricia Swenson
11665 SE Webfoot Rd
Dayton OR 97114
(503) 864-3096
gazing@onlinenw.com

Vice President: Mark Johnson
16032 NW McNamee
Portland OR 97231
(503) 621-3137

Webkeeper: Thom Trusewicz
90041 Logan Rd
Astoria OR 97103
(503) 325-7966
ccbee@intergate.com

Secretary: Lynn Royce
30807 Decker Ridge Rd
Corvallis OR 97333
(541) 929-5337

Editor, *The Bee Line*: Rosanna Mattingly
4803 SE Woodstock Blvd Ste 157
Portland OR 97206
(503) 772-3486
thebeeline@comcast.net

Web Site: www.orsba.org

This issue of *The Bee Line* is printed on recycled paper by Powell Minuteman Press; (503) 234-2040.