

# Attention Agriculture Professionals:

## Orchard Bee Pollinator SYMPOSIUM & EXPO

October 10–12, 2013

KAYSVILLE, UTAH

- Discover how **diversifying bee species positively affects crop output.**
- Learn the **challenges** of pollinator diversification
- Listen to a **panel discussion** between orchard bee propagators, commercial growers and honey bee keepers.
- **Network** with growers, scientists, educators, extension agents and businesses throughout the *international* community.

**OCT. 10** Orchard Bee Association Members, only

**OCT. 11** Government employees, growers, beekeepers (non-OBA) may *spectate* the Friday, Oct. 11th PANEL session at 1PM–4:45PM **AT NO COST.**

**OCT. 12** To attend the Saturday October 12th Symposium & Expo, all attendees must register and pay \$15 at <http://orchardbee.eventbrite.com>



### What is the Orchard Bee Association?

In 2009, a small group of government research scientists, educators and extension agents presented ongoing science related to the usefulness of Blue Orchard Bees (*Osmia lignaria*) in commercial orchards. Since then, the **Orchard Bee Association** was formed and meets each year with the end goal of **improving or supplementing traditional pollination efforts to increase food supply.**

Speakers from:



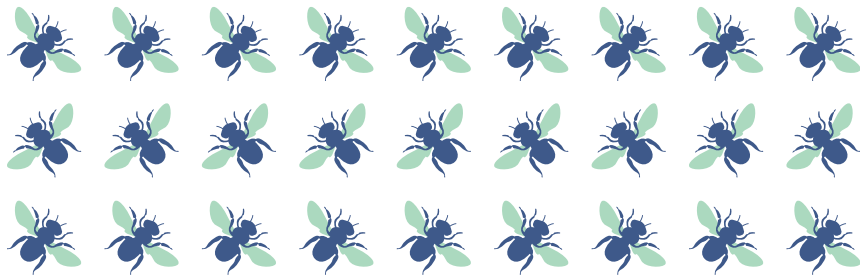
Project Apis m.

THE XERCES SOCIETY  
FOR INVERTEBRATE CONSERVATION

UtahStateUniversity



Visit <http://www.orchardbee.org> for more information or contact [info@orchardbee.org](mailto:info@orchardbee.org)



# ORCHARD BEE POLLINATOR SYMPOSIUM & EXPO

SAT. OCT. 12  
SCHEDULE

For the **GENERAL PUBLIC**

8:00 SETUP OF TABLES & POSTERS  
8:30 REGISTRATION & RECEPTION

9:00 WELCOME & INTRODUCTIONS  
9:15 PROMOTING POLLINATORS

- Overview of U.S. Crop Pollination  
*Rosalind James, USDA-ARS BEE BIOLOGY LAB*
- Habitat Creation, Gov. Incentives  
Video Conference: *Mace Vaughn, XERCES*
- Honeybee Health  
*Gordon Wardell, PROJECT APIS m.*
- Orchard Bee Association Mission, Goals  
*Dave Hunter, ORCHARD BEE ASSOCIATION*

10:30 BREAK: EXPO & POSTERS  
Network, browse info, purchase products

11:00 PROPAGATING BEES

- Personal Trapping of Wild Bees  
*Dale Nielson, THE OSMIA BEE COMPANY*
- Urban / Suburban BOB Beekeeping  
*Dave Hunter, HUNTERS MASON BEE SERVICE*
- Free-Roaming Propagation  
*Jim Watts, WATTS LEAF-CUTTER & MASON BEE*
- Propagation in Enclosures  
*Gordon Wardell, PARAMOUNT FARMS*

12:15 PAID LUNCH, EXPO & POSTERS  
Network, browse info, purchase products

1:15 EMPLOYING BEES

- Red Mason Bee Orchard Pollination  
*Chris Whittles, CJ WILDLIFE (UK)*
- Almond Pollination  
*Steve Peterson, AGPOLLEN*
- Orchard Propagation  
*Derek Artz, USDA-ARS BEE BIOLOGY LAB*
- Integrative Crop Pollination Strategies  
*Theresa Pitts-Singer, USDA-ARS BEE BIOLOGY LAB*

The effects of placing Honeybees with BOBs will also be discussed

2:30 1-HOUR WORKSHOPS  
(Workshops are simultaneous, select one)

- What's in that Cavity? (Bee ID)  
*James H. Cane, USDA-ARS BEE BIOLOGY LAB*
- Getting Started with Mason Bees  
*Kimball Clark, NATIVEBEES.COM*
- Orchard Ground Cover, Gov. Incentives  
*Danny McBride, NRCS*
- Bee-Friendly Plants  
*WEBER STATE UNIVERSITY BOTANY DEPT.*

3:30 NETWORKING, EXPO & POSTERS  
Network, browse info, purchase products

5:00 END

# MORE MASON BEES IN ORCHARDS

4<sup>TH</sup> INTERNATIONAL  
ORCHARD BEE ASSOCIATION  
GENERAL MEETING  
**OCT. 10-11, 2013**

1<sup>ST</sup> INTERNATIONAL  
ORCHARD BEE POLLINATOR  
SYMPOSIUM & EXPO  
**SAT. OCT. 12, 2013**

## FOR OBA MEMBERS ONLY

**\$75** PER YEAR | Fee provides Fri. & Sat. Lunch, & entrance to Saturday Event  
**SPACE IS LIMITED (40)!**

Members enjoy networking opportunities and the right to vote for OBA leadership. Fees cover marketing & material expenses, annual meetings, and are the means for future OBA-funded research.

OBA MEMBERS must register online at <http://orchardbee.eventbrite.com>

## FOR THE GENERAL PUBLIC

**\$15** FOR DAY | Fee provides Saturday Lunch  
**SPACE IS LIMITED (80)!**

Register online at <http://orchardbee.eventbrite.com>

A single table reservation for the Expo is \$25, due upon setup. Tables are 48" wide x 18" deep. Display of research posters for public or private entities is FREE.  
Visit [www.orchardbee.org](http://www.orchardbee.org) for more info



Project Apis m.



THE XERCES SOCIETY  
FOR INVERTEBRATE CONSERVATION

UtahStateUniversity



Orchard Bee  
ASSOCIATION



# Orchard Bee ASSOCIATION

## MORE OSMIA IN ORCHARDS

Thursday OCT. 10, 2013

THURS. OCT 10  
SCHEDULE

For OBA MEMBERS

- 12:30 WELCOME, INTRODUCTIONS**
- 12:45 CREATION of OBA STANDARDS and/or RECOMMENDATIONS**  
Open discussion on Certification  
(Split to two simultaneous sessions)
- 1:15 Bee Development Bee Propagation**
- MODERATORS:**  
Kimball Clark & Glen?  
Refine, finalize 2012 Standards related to collection, handling, incubating, analyzing for completeness. Discuss hibernation, and how to move them into and out of hibernation depending on timing needs. Current methods, coolers, controls, humidity.
- MODERATOR:**  
Gordon Wardell  
Beginning the standards and methodology on this OBA component. How do we best increase numbers of bees in wild trapping/cages/rural/urban/pollination? This component will explore and list the best practices and look to elicit common practices that increase Osmia numbers.
- 2:45 SUMMATION on Created Standards**
- 3:00 Bee Pollination Bee Commerce**
- MODERATOR:**  
Dave Hunter  
Refine 2013 Standards related to pollen, sprays, nesting house layout, release of bees, mud, weather, farmer relations, etc. What is the most critical and how do we best ensure pollination goes as well as possible?
- MODERATORS:**  
Cyr, Clark, Beckman?  
Beginning the standards and methodology on this OBA component. How do we work with Government oversight related to shipping, state-to-state transfer, trapnesting, etc? How can we maneuver existing laws?
- 4:30 SUMMATION on Created Standards**
- 4:45 NETWORKING**
- 5:00 LEAVE BUILDING**

Friday OCT. 11, 2013

FRI. OCT 11  
SCHEDULE

For OBA MEMBERS &  
PANEL GUESTS

- 8:00 WELCOME**
- 8:10 OBA SCIENCE PRESENTATIONS**
- Public Research**  
Derek Artz, USDA-ARS  
Cory Stanley-Stahr, USDA-ARS
- Private Research**  
Chris Whittles (UK) *CJ WILDLIFE*  
Gordon Wardell *PARAMOUNT FARMS*  
Gordon Cyr *MASONBEEHOMES.COM*  
Kimball Clark *NATIVEBEES.COM*  
Dale Nielson *THE OSMIA BEE COMPANY*
- 10:30 LESSONS LEARNED**  
Round Robin Exchange from each OBA Member. Participation is helpful but *not required*.
- 11:30 ELECTION OF NEW EXEC. BOARD**
- 12:00 ARRIVAL OF SPECIAL GUESTS: Growers & Honey Bee Keepers**
- 12:15 LUNCH (provided)**
- 1:00 KEYNOTE TO PANEL GUESTS:**
- The Need for Speed**  
Gordy Wardell
- An overview of honey bee health, concerns for future, augmentation, need for alternate bees. How fast do we have to progress to ensure farmer's needs are met?*
- 2:00 COMMERCIAL GROWER PANEL**  
OBA purpose is to gain an actual understanding of farmer/owner frustrations & concerns for crop pollination future. Come ready with questions in this open, honest session. Discuss economic models with using BOB/HB.
- Panel:** Gordy Wardell, Mary Kohls, Lee Brown, Jason Barnum, +2 TBA
- 3:30 HONEYBEE KEEPER PANEL**  
OBA purpose is to gain an actual understanding of commercial beekeeper's concerns for the future. How do they feel about BOBs/HB? Are they willing to augment? Is there a need for using alternative bees?
- Panel:** Mike Newswander, Martin James, Wasatch Beekeepers Assoc (TBD) +3 TBA
- 4:45 NETWORKING**
- 5:00 LEAVE BUILDING**

Saturday OCT. 12, 2013

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WEBER STATE UNIVERSITY BOTANY DEPT.
- 3:30 NETWORKING, EXPO & POSTERS**  
Network, browse info, purchase products
- 5:00 END, LEAVE BUILDING**

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# Group Rate Hotel Information

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## ★★ **Comfort Inn Layton**

877 North 400 West  
Layton, UT 84041  
(801) 544-5577

**\$74.99/night**

### **About this hotel**

<http://www.comfortinn.com/hotel-layton-utah-UT065?sid=xACLgi.kZJd1gboui.31>

Comfort Inn is about **5 miles north** of the OBA event location. Travel on I-15 Northbound, passing Kaysville (where the OBA event will be held), until you reach Layton **Exit #331**. The property is just east of the freeway (toward the mountains), and south of the Red Lobster parking lot, which you should be able to see once you take a right at the freeway exit. This property has restaurants in walking distance.

To receive the discounted rate for the event, mention "Orchard Bee Association." **The rate includes free continental breakfast each day.** International guests may use a valid credit card online or by calling the hotel directly.

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## ★★★ **Courtyard by Marriott Layton**

1803 Woodland Park Dr  
Layton UT 84041  
(801) 217-2300

**\$79.00/night**

**Online booking page for our group:** <http://goo.gl/jwBh28>

The Courtyard is about **6 miles north** of the OBA event location. Travel on I-15 Northbound, passing Kaysville (where the OBA event will be held), until you reach **Exit #332**. This property is east of the freeway (toward the mountains). As you are travelling east on Antelope Dr, take your second right (going south) on Woodland Park Dr. It will be on your right.

This location has several restaurants within walking distance (more than the hotel option above). To receive the discounted rate for the event, mention "Orchard Bee Association" or select the online booking link above. **The rate includes free breakfast from the bistro (better than a continental breakfast).** International guests may use a valid credit card.