



# 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



USDA-ARS Bee Biology  
& Systematics Laboratory  
LOGAN, UTAH

Project Apis m.



THE XERCES SOCIETY  
FOR INVERTEBRATE CONSERVATION

Utah State University



## 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 LEAFCUTTER & 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

2:30 1-HOUR WORKSHOPS

(Workshops are simultaneous, select one)

- What's in that Cavity? (Bee ID)  
Glen Trostle, MUNGER FARMS & FORMER USDA

- 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

The effects  
of placing  
Honeybees  
with BOBs  
will also be  
discussed



# 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
	<b>MODERATORS:</b> Kimball Clark & Glen?	<b>MODERATOR:</b> Gordon Wardell
	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.	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
	<b>MODERATOR:</b> Dave Hunter	<b>MODERATORS:</b> Gordon Cyr & Kimball?

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?

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
- Theresa Pitts-Singer, USDA-ARS
- Private Research  
Chris Whittles (UK) *CJ WILDLIFE*
- Gordon Wardell *PARAMOUNT FARMS*
- Gordon Cyr *MASONBEEHOMES.COM*
- Kimball Clark *NATIVEBEES.COM*

## 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, +5 more 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: Denise Qualls, Lee Brown (TBD), Wasatch Beekeepers Assoc (TBD) +3 TBA?

## 4:45 NETWORKING

## 5:00 LEAVE BUILDING

Saturday OCT. 12, 2013

# 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
- Urban / Suburban BOB Beekeeping  
Dave Hunter, HUNTERS MASON BEE SERVICE
- Free-Roaming Propagation  
Jim Watts, WATTS LEAFCUTTER & 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

## 2:30 1-HOUR WORKSHOPS

*(Workshops are simultaneous, select one)*

- What's in that Cavity? (Bee ID)  
Glen Trostle, MUNGER FARMS & FORMER USDA
- 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, LEAVE BUILDING

The effects of placing Honeybees with BOBs will also be discussed