



MORE MASON BEES IN ORCHARDS

4TH INTERNATIONAL
ORCHARD BEE ASSOCIATION
GENERAL MEETING
OCT. 10-11, 2013

1ST 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 for more info



USDA-ARS Bee Biology
& Systematics Laboratory
LOGAN, UTAH

Project Apis m.



THE XERCES SOCIETY
FOR INVERTEBRATE CONSERVATION

UtahStateUniversity



Orchard Bee
ASSOCIATION

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)**
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



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:
Gordon Cyr & Kimball?

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

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5:00 END, LEAVE BUILDING

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