W5185 2023

Western Biological Control group

October 23 – 25,

Shore Lodge, McCall, ID

Organizers: Joey Milan, [jmilan@blm.gov,](mailto:jmilan@blm.gov) 208.913.9449; Lynn LeBeck ([llebeck46@comcast.net](mailto:llebeck46@comcast.net)) [Retired]

Note for booking hotel rooms

Steve

30 rooms (60 room nights)

Government Per diem.

5% over under

Remember - Group Photo in 1st day

**Final Agenda**

**Monday, October 23**

Arrive on site, dinner on your own (but find Joey for adult beverages if so desired)

Notes on meeting. Can we have a program? Would people send abstracts ahead of time?

# Tuesday, October 24

**7:00 – 8:00 AM Continental Breakfast/Registration – Upper Pavilion, Shore Lodge**

**8:30 AM Welcome/Registration – Lower Pavilion, Shore Lodge**

8:30 Joey Milan and Sanford Eigenbrode – Welcome and discussion points for the group and/or questions for the W5185 advisor (Sanford)

Ibiocontrol.org = website for the group.

Joey suggested that we (W5185) needs a mission statement that unites all the projects. Read an email from Mark Rietz challenging us to tell our story in a **positive light** that talks about our measurable impacts and stories that the general public can understand.

Sanford is the Administrative Advisor for W5185. He can help facilitate planning meetings.

8:40 Brian Rector – New eDNA monitoring protocol for weed natural enemies

Gave talk about DNA testing for insects by collecting broad plant material samples.

9:00 Kristen Bowers – Puncturevine update. New Mexico

Weevil for biocontrol. There are stem and seed weevils. Have been released for 60 years now, so why are they not around. In 2022 she started a regional survey to understand where they are. Looked at cold temperatures. Die at -10c.

9:20 Jennifer Andreas – Flowering Rush Update WSDA

Does not advise using puncturevine weevil. Looking at flowering rush biocontrol.

9:40 Melissa Smith – Early intervention: biological control before landscape invasion

Paper – “Predator-in-first” suggesting that we should get the biocontrol agents in first.

Paper- Biological control o invasive stink bug , Eric conti

# 10:00 AM Coffee Break

10:30 Francesca Marini - Biotechnology and BioControl Agency (BBCA), Rome, Italy – BBCA: an overview of weed research activities. Tree of heaven mites (multiple species might be the dame)

11:00 Jeff Littlefield – *Aceria draba* update. Flower bud galls of White top plant

11:20 Natalie West – Meadows, Lakes, and Mountains: quantifying impacts in different systems

11:40 George Heimpel – A novel benefit-risk analysis framework for biological control introductions

12:00 Almendra Astete-Farfan – *Puccinia punctiformis* as a biological control of Canada thistle 12:20 Dan Bean (for Amanda Stahlke) – The *Diorhabda* Genome Project: updates on the

publicly available genomes for the four *Diorhabda* species used in North American tamarisk biocontrol. \*Can we measure upregulation of overwintering genes?

# 12:30 PM Lunch on site

**Ross in Guam knows Larry Gut.**

**Research and Biocontrol Updates – Lower Pavilion, Shore Lodge**

1:30 Rene Sforza (recorded) – The EBCL research on weeds and pests: The 2023 Update

Aculus taihangensis mitedoes not have large impact on Tree of Heaven

1:50 Chris Borkent – California Department of Food and Agriculture (CDFA)

2:10 Julia Rushton – Analyzing 15 years of *Linaria dalmatica* SIMP post-release biocontrol data in Idaho

2:20 Samikshya Aryal – Abundance of diﬀerently managed root-feeding biocontrol agents of

spoted knapweed in Idaho

2:30 Anjila Thapa – Host recognition behavior of two sibling biocontrol candidate weevils, *Mogulones borraginis* and *M. crucifer,* to cues of their shared host plant *Cynoglossum oﬃcinale*

2:40 Karuna Nepal – The role of visual cues in the host recognition of *M. crucifer*, a biocontrol agent for houndstongue

2:50 Ricky Lara – Proactive Biocontrol of EAB in California

4 EAB wasp parasitoids

3:10 Kristi Gladem – *Ceratapion* update

Deep dive into cause of skewed sex ratio. Wolbachia, Rickettsiae

# 3:30 – 5:00 Coffee Break/Collaboration and Working Group Time

**\*Dan Bean – *Ceratapion basciorne*/yellow starthistle discussion for those interested in a focused discussion**

**6:00 PM Dinner at Upper Pavilion, Shore Lodge Catered Dinner w/ cash bar**

**Wednesday, October 25**

**7:00 – 8:00 AM Continental Breakfast – Upper Pavilion, Shore Lodge**

**8:30 AM – Lower Pavilion, Shore Lodge** 8:40 Paul Pratt – ARS – Albany overview 9:00 Joel Price – Oregon overview

8,000 insect biocontrol releases in Oregon

9:20 Claudia Lyons-Yerion – Nez Perce Biocontrol Center Update -Paul Bruceman ph:208-843-9374

Only Tribe Bio-Control program

9:40 Ellyn Bitume – Updates on Biocontrol in Hawaii

Albizia tree in Hawaii. Molytinae, tribe Ithyporini? Not sure

# 10:00 AM Coffee Break

**10:30 W5185 planning session – Chris Adams Oregon State University**

Programming for future years, research planning, release planning, personnel

**12:00 PM** Depart, lunch on your own

W5185

Western Biological Control Group

2024, October 23 – 25

Notes on meeting. Can we have a program? Would people send abstracts ahead of time?

At the conclusion of the last meeting, we voted on the location of the next meeting. It was decided that the 2024 meeting will be held at Best Western Plus Inn in Hood River, OR. Date was decided, I was told this meeting is usually held earlier in the month, we will need to confirm the dates so I can confirm our reservations.

Best Western Plus Hood River Inn

541-386-2200

[Link](https://www.googleadservices.com/pagead/aclk?sa=L&ai=DChcSEwjhlaqDpMeCAxXRA30KHdAtCx8YABAGGgJwdg&ase=2&gclid=EAIaIQobChMI4ZWqg6THggMV0QN9Ch3QLQsfEAAYASAAEgIgGfD_BwE&ohost=www.google.com&cid=CAASJORorl5UAkC4b-Hq3lOoMIu5mZ0S4CH_hsz_nvjpEVimGQIA0Q&sig=AOD64_2PWJ_lgqJp9Q6tvWCH8MFsYgfv7w&q&nis=4&adurl&ved=2ahUKEwi4maGDpMeCAxXHNzQIHTKcCNMQ0Qx6BAgIEAE)

One topic of discussion was general attendance. There was a comment that we have many more members than we see in attendance at these meetings. There is no reason that this meeting has to be a stand alone meeting. Most other meetings meet at the national meetings.

We also discussed how this meeting has been arranged (paid for) in the past. Rooms and accommodations have been put on the personal credit card of the current Chair, who is then reimbursed after the event, sometimes with personal checks that need to be deposited or through a payment app attached to their bank account. (minus and transaction fees from paypal). I think there is a risk that this could be looked at as income for the person receiving payments.

In order to book a block of rooms the organizer has to negotiate and sign a contract committing them to a number of “room nights” and all the food and coffee. Each hotel is a little different but, if we do not fulfill those “room nights” the organizer is still obligated to pay for those rooms. While it has never come up the risk is always there.

Chris Adams will compile annual report and submit to the NIMSS system and plan next year’s meeting.

We will work towards formin a 501C 3 for future meetings, create bylaws, and form a board for future meetgins.

W5185

Western Biological Control Group

2024, October 23 – 25

Location:

Best Western Plus Hood River Inn

541-386-2200

[Link](https://www.googleadservices.com/pagead/aclk?sa=L&ai=DChcSEwjhlaqDpMeCAxXRA30KHdAtCx8YABAGGgJwdg&ase=2&gclid=EAIaIQobChMI4ZWqg6THggMV0QN9Ch3QLQsfEAAYASAAEgIgGfD_BwE&ohost=www.google.com&cid=CAASJORorl5UAkC4b-Hq3lOoMIu5mZ0S4CH_hsz_nvjpEVimGQIA0Q&sig=AOD64_2PWJ_lgqJp9Q6tvWCH8MFsYgfv7w&q&nis=4&adurl&ved=2ahUKEwi4maGDpMeCAxXHNzQIHTKcCNMQ0Qx6BAgIEAE)

**Agenda:**

**Wednesday, October 23**

Arrive on site, dinner on your own.

**Thursday, October 24**

7:00 – 8:00 AM Continental Breakfast/Registration – \* Location

8:00 AM Business meeting – \* Location

9:00 20 minute talk 1.

9:20 talk 2

9:40 talk 3

**10:00 coffee break**

10:30 20 minute talk 4

10:50 talk 5

11:10 talk 6

11:30 talk 7

11:50 talk 8

12:10 talk 9

**12:30** **Lunch**

1:30 talk 10

1:50 talk 11

2:10 talk 12

2:30 talk 13

2:50 talk 14

3:10 talk 15

**3:30 – 5:00 Coffee Break/Collaboration and Working Group Time**

**Friday, October 25**