

Oregon Invasive Species Council

Virtual Meeting Agenda | April 21, 2021 | 1:00 - 4:00 PM

Zoom Meeting Link:

<https://us02web.zoom.us/j/87836376495?pwd=emJsdW9QQVBURjJlanYvYXMyY1lXZz09>

Meeting ID: 878 3637 6495

Passcode: 609742

| | |
|---------|---|
| 1:00 PM | <p>Welcome & Introductions <i>Troy Abercrombie, 2021 OISC Vice-Chair (Western Invasives Network)</i></p> <ul style="list-style-type: none"> Name, Organization |
| 1:15 PM | <p>Approval of Meeting Minutes: February 2021 meeting <i>Rick Boatner, 2021 OISC Chair</i></p> |
| 1:20 PM | <p>OISC Budget <i>Helmuth Rogg, Oregon Department of Agriculture</i> <i>Rick Boatner, 2021 OISC Chair (Oregon Department of Fish & Wildlife)</i></p> <ul style="list-style-type: none"> Remainder of 2019-2021 biennium Anticipated 2021-2023 biennium revenue/funds Coordinator Contract |
| 1:55 PM | <p>Request for invasive species emergency funding to eradicate apple maggot fruit fly in apple production area in Eastern Oregon, received from the Blue Mountain Horticulture Society</p> |
| 2:10 PM | <p>Leveraging Partnerships & Activities to Advance Statewide Objectives: 1. Update on detection and response re: zebra mussels on marimo balls. <i>Rick Boatner (Oregon Department of Fish & Wildlife)</i></p> |
| 2:20 PM | <p>BREAK</p> |
| 2:30 PM | <p>Leveraging Partnerships & Activities to Advance Statewide Objectives: 2. Species Common Names <i>Introduction to the issue and next steps recommendations about how the Oregon Invasive Species Council can be a leader in advancing equity and inclusion in our fields. Part one introduction to a longer series of discussions.</i></p> <p><i>Catherine de Rivera, (Portland State University), Sam Chan (Oregon Sea Grant), Jalene Littlejohn (Oregon Invasive Species Council Coordinator)</i></p> |
| 3:15 PM | <p>Committees & Working Group Open Items See Committee and Working Group Reports Materials <i>Pending Motion Requests</i></p> |



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|---------|---|
| 3:40 PM | Public Comment |
| 3:50 PM | Action Items & Next Meeting & Close |
| 3:55 PM | Executive Session: Coordinator Contract |
| 4:15 PM | Close |



Oregon Invasive Species Council

Business Meeting Minutes

February 24, 2021 | Virtual (1:00 - 4:00 pm)

Summary of Outcomes:

- January 2021 meeting minutes were approved.
 - The Invasive Species Threats & Opportunities Policymakers Primer was approved in present form, with minor text edits to be implemented
 - The report to the Legislature will consist of an executive summary not more than 2 pages in length based on the biennial report outline that was presented
 - The cost for using AirTable for the Worst List and other options down the road was approved.
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Welcome & Introductions

Rick Boatner, 2021 OISC Chair (Oregon Dept. of Fish & Wildlife)

See participants list at the end of the minutes.

Approval of Meeting Minutes: January 2021

Rick Boatner, 2021 OISC Chair (Oregon Dept. of Fish & Wildlife)

Christine Moffitt moves to accept January 2021 meeting minutes as distributed.

2nd: Peter Kenagy

All voting members approved.

Overview of the Oregon Invasive Species Council

Rick Boatner, 2021 OISC Chair

The OISC started small in 2001-2008 (4 state agencies and 7 appointed members) and had no coordinator. Between 2008-2018, the OISC added Oregon Dept. of Environmental Quality (DEQ), Oregon State Marine Board (OSMB), and Oregon Dept. of Forestry (ODF). We also added a Coordinator, which made a huge difference and established the Emergency Control Account (originally asked for \$5 million, \$350,000 was approved), and started developing the Strategic Plan for the state. In 2019, the OISC added more members, so there are now 18 total voting members including an addition of: Oregon State Parks (voting), 10 appointed members representing specific seats (voting). Additional non-voting members were also added.

Q: Any opportunity to replenish that account (Emergency Control Account)?

A (Rick): We keep asking, but nothing has happened yet.

Q (Troy): What is the mechanism to make a request for replenishing the Emergency Control Account?

A (Rick): Through ODA.

A (Helmuth): Has to be put through a POP and approved by the Governor's office. Last Biennium, there Emergency Control Account money included, but was taken out due to COVID.

Leveraging Partnerships & Activities to Advance Statewide Objectives: Fire Recovery 2020: Lessons Learned & Future Opportunities

Troy Abercrombie (Western Invasives Network) & Sarah Callaghan (US Forest Service)

Erosion Threat Assessment & Reduction Team (ETART). 1.2 million acres burned in 2020. 21 fires total, 18 fires started in just 3 days. Suppression efforts exceeding \$350 million and counting. An assessment is done after all 500+ acre fires. Parameters include natural vegetation protection areas, invasive species, incident disturbance areas, and vegetation mortality. Once models are run, we review values of risk and use a matrix to look at probability of damage or loss.

We've had to continually recognize the impacts of COVID on this process and many folks who worked on these fires were also affected personally by the fire events. Some implementation challenges include entry barriers, lack of experience with BAER process & outputs, fragmented information and communication channels, finite availability of federal and state support, and data gaps. Were able to generate models and identify priority areas. \$1.13 million+ estimated for EDRR response costs on just 5 fires (within first 12 months). After we were done, we got together to identify future needs, including a designated HUB agency to coordinate ETART efforts and to have funding for team leads and supporting staff. Silver linings include: We can do hard things even when times are tough, demonstrated the importance of state programs, and highlighted critical importance of strong county and local programs.

Summary of the group discussion:

- Wyatt: Thanks to Troy and Sarah for leading us through this. 2020 was a historic fire season and lots of agency folks were affected. Some of us lost homes, lost state offices in Lyons, OR, long hours, hard work. Did see weed wash stations on sites!
- (Chat) From Sarah Callaghan to Everyone: Worth noting again that 3 of the 5 people conducting the assessments were working in completely different geographical/jurisdictional areas, adding to some challenges. Local folks were tapped out with other work or just didn't have experience or knowledge to conduct assessment.
- Helmuth: Thanks for all the work. What about prevention? What can we do? Have been shown over and over that prevention is more economic than reacting to a crisis. This all has to do with climate change. How can we as a Council, etc. work on prevention?
 - Wyatt: Prevention of invasive species or fire?
 - Helmuth: Both.
- Karen: Troy and Sarah demonstrated these assessment tools. Values at risk and current status could be a way to prioritize areas that are most valuable, etc. Prevention often is low priority, unfortunately. I bet this ETART group could make some recommendations.
- Helmuth: Heard someone say because we don't rake the forests, that is why the fires were so bad.
- Karen: Some fires get overwhelmed by the wind, even if you rake the forest. Not every event will be that severe. If we chose to, we could be better positioned.
- Wyatt: A lot of other people are working on fire prevention, we should focus on prevention of invasive species. Private forests are pretty intensively managed. Could create more regulation or laws about cleaning equipment, but I would like to see more incentive programs.
- (Chat) Helen Lau to Everyone: Inventory and EDRR for several years is important.

- (Chat) E.C. Fisk to Everyone: I agree wholeheartedly with Wyatt's last point.
- Sam L: Comment about fire and invasive species - Riverside fire was contained within one county. Spent a ton of time prioritizing work, areas to focus. Idea that we could have prevented it is pretty unrealistic, considering the weather conditions on the day in question. We could always be doing more. A lot is going on here. From an invasive species perspective, the fire was a unique scenario.
- Michelle: Sam L and I do similar work. Unlike Sam, I was called to a fire way outside where I had any personal knowledge (The Holiday Farm fire). Glenn Miller gave me a couple of pointers, but he should have been out there with me leading the assessment but he was pulled over into the hemp inspection program. Would be great to make weed washes a thing, but at the same time when disaster strikes, we need to be able to rely on state noxious weed staff. There isn't a lot of weed work in that area. Struggle with what next steps will be.
- (Chat) Troy Abercrombie to Everyone: Ultimately, prevention happens at the individual level. The OISC Ed/Outreach grant program and OSWB projects are valuable tools in these efforts. Another situation that highlights their value.
- Eugene: We really benefited down here from the strength of local SWCD (which is funded by tax levy), CWMA, and trust between the community of applicators, etc.
- Wyatt: It was a perfect storm of sorts, with COVID and it affecting the economy. Cuts to forestry were planned right when fire season started. Leadership asked what would it take to help after the fire, for invasive species specifically. I put in a request for \$4 million. Not sure where that will go. We did the best we could, and there is room to improve.
 - (Chat) Wyatt Williams to Everyone: Ice storm assistance and information for urban forestry, from ODF. Please visit: <https://www.oregon.gov/odf/forestbenefits/pages/urbanforests.aspx>
- Sam Chan: Where strategically can OISC have the greatest role with fire mitigation? Species that are out there that can cause fire (gorse, etc.), forest health (are there non native pests or diseases that we can be more proactive with thinnings, etc.), how do we actually work with different landowners, during fire (ways to minimize invasive species spread, approved chemicals, etc.), post-fire recovery (weed free gravel, forage mixes, etc.). Is there an information guide or checklist that the OISC could put together?
- Eugene: Big need, assessment matrix. PWP information met that eventually. Not really anything like that for invasive species that I'm aware of.
- Troy: Thanks to everyone who contributed today and to the fire recovery. Amazing work!
- (Chat) From Wyatt Williams to Everyone: ODF "Help after a wildfire" page: <https://www.oregon.gov/odf/fire/Pages/afterafire.aspx>
- (Chat) From Sam Leininger to Everyone: Thank you all for considering the ETART process, and looking at improving the resiliency of our state moving forward. Be well!

Q (Jalene): What would we like to see as next steps?

A (Troy): Everyone's needs are different. Individual prioritization and trying to find those intersection points would be critical next steps. Then we can look at what the Council can help with.

Continued discussion via Chat:

- (Chat) Helen Lau-USFS to Everyone: I saw a real need for weed free straw during the fire.
- (Chat) Troy Abercrombie to Everyone: Yes! Stockpiles and/or interstate agreements would be something the OISC could explore.

- (Chat) Alex Staunch to Everyone: One note to make, besides EDRR species, more common structural weeds such as Himalayan blackberry have proven to be a large issue in the Eagle Creek Fire Zone. The open canopy will cause a large patch to spread to acres. Something to keep in mind.
- (Chat) Kathy.Pendergrass to Everyone: I like the idea of building a good flow-chart sheet of if this, then what...high severity then this.
- (Chat) Sarah Callaghan to Everyone: I am up for joining future discussions!
- (Chat) Troy Abercrombie to Everyone: Could the OISC be the sanctioning body for the "Invasive Species BMP Certifications" that Wyatt spoke about? I think he's on to something there. The OISC, with state/local partners, could help develop the framework for "what it takes" to be certified. (i.e.-management plans, mitigation/restoration activities, etc.)
- (Chat) deriva to Everyone: I really like this idea. Does anyone know if there's precedent in any other state's ISC for weed-free or invasions-certified?
- (Chat) E.C. Fisk to Everyone: This could also be a selling point for contractors, if a standard is established.
- (Chat) hrogg to Everyone: We also started weed-free gravel. We got the protocols and incentives for industry
- (Chat) Troy Abercrombie to Everyone: Cat- I think it is most often associated with an agency, as it is usually tied to some regulation (reactionary to the problem). This could be a unique opportunity for a more proactive, preventative approach.
- (Chat) deriva to Everyone: Thanks, Troy. Again, I like this preventative approach.
- (Chat) Sarah Callaghan to Everyone: <https://www.nwcb.wa.gov/washington-weed-free-hay-and-mulch-program>
- (Chat) Alex Staunch to Everyone: I agree on a utilitarian resource. From the contractor end, sometimes it is difficult to track down weed free certified materials such as soil, mulch, straw, etc. However, it is out there.
- (Chat) Helen Lau to Everyone: I'm sure some of you are aware of this but here are some documents that include a new mulch standard from NAISMA. <https://naisma.org/programs/weed-free-products/>
- (Chat) Sarah Callaghan to Everyone: Regarding weed-free materials, from a FS experience where we require those weed free materials, the availability really fluctuates based on things such as severity of fire seasons and also the economy. As an example starting around 2008, when the economy tanked, we had a lot more private gravel pits/quarries interested in providing clean material as they needed the FS business as they were not supplying the housing/construction industry as an example.
- (Chat) Amira Streeter to Everyone: I'm so sorry everyone - I appreciate the commitment and passion about these issues at this table, but I have to leave for another obligation. Many thanks ~

2021 Policymakers Primer

Sam Chan (Oregon Sea Grant) & Jalene Littlejohn (OISC Coordinator)

Sam Chan

The Primer is a joint product of the Communications and Education & Outreach Committees. Concepts for this primer started years ago at the suggestion of Senator Arnie Roblan and Representative Caddy McKeown. The Primer is a synopsis or quick learning tool that combines a series of fact sheets for different areas of the state with additional information (economics overview, policy overview, etc.). The OISC doesn't really have any on-the-ground management responsibilities and is instead a network of

organizations, agencies, and groups. It's important for policy makers to see what we do. Imagery is unique and beautiful, but alerting. The audience for the Primer is lawmakers, but also can serve as an informative recruiting tool.

Jalene Littlejohn

Intended to have this Council meeting last week and get approval for publishing then, but still hoping we can publish this week. We can make text edits, but would need those by tonight. The nice part about this is that it's a "snapshot document", but it allows us to move forward with communication messages, demonstrating what the Council does as a network, and the importance of the work we do together. This publication demonstrates the value that we provide together. I've gotten a request for 2 additional pages - this could be a great way to refresh the Primer every 2 years. These illustrations will also be available individually so that we can put them in presentations, etc.

Group Discussion

- Karen: Terrific resource, really timely. Goal was to release it this week with ISAW.
- (Chat) derivera to Everyone: Great job on this primer ed & outreach groups!!
- Sam: This was designed to be a living document. My suggestion is to not fine tune it so much because a good primer will have refreshing every once and awhile. Should have a version number or publication month.
- Troy: Fantastic job!
- (Chat) E.C. Fisk to Everyone: Outstanding iconography and continuity! I was able to easily understand the objective with captioning, flow, and imagery. Nicely done.

Q (Helmuth): Electronic document or intention to produce hard copy?

A (Jalene): There is a request to have some printed. Will be downloadable PDF, and also available as a link to view virtually.

Q (Troy): What does distribution look like?

A (Jalene): I would like for us to do a webinar and broadcast that.

A (Sam): I would suggest that everyone on the Zoom send to your boss. I would love to hear feedback. Start off with a smaller list, then do a larger release.

Christine moves to approve Policymakers Primer in present form with minor text edits.

2nd: Jas. Adams

All voting members approved.

2021 Legislative Session - Legislative Committee

Christine Moffitt (Friends of South Slough Reserve) & Peter Kenagy (Kenagy Family Farm, Inc.)

Peter Kenagy

Met with Representative Brock Smith. It was apparent that his focus is on two key invasive issues, sudden oak death (SOD) and gorse. He provided us with some reports on SOD. We also have a tentative informational meeting set up with Senator Golden, but it did not happen.

Christine Moffitt

We can make sure that he gets the fire documents that were shared today. Haven't heard back from Senator Dembrow. May need to make some calls. We're trying hard to provide information and let Senators know about the open OISC member seat, but this may take some time and thoughtfulness. For

the biennial legislative report, we need to provide a 2-page executive summary and can provide attachments. What will the attachment be, the primer?

Group Discussion

- Jas.: Senator Dembrow is the liaison to the Global Warming Commission and understands the role.
- Peter: We need a way to track bills for invasive species. Rian tracked relevant bills when he was on the Council, but now we need a way to do this.
- Christine: We will be talking to Rian about how he did it. Jalene shared a link to a shared spreadsheet to add bills that are relevant to invasive species management.
- Rick: If you have information about relevant bills, please add them to the spreadsheet - they are coming fast.
- Jas: (regarding the biennial report outline) I like the idea of keeping it minimal. Primer says it all. I think we've fulfilled requirements.

Q (Chuck): #4 "COVID Provides a model of containment": what does that mean?

A (Christine): Part of our discussion, importance of communication and containment. Not a major point, but a model that everyone knows is appropriate.

Christine moves to approve, in concept, that the report to the Legislature consists of an executive summary not more than 2 pages in length and that we approve, in concept, the biennial report outline that was presented here.

2nd: Catherine de Rivera

All voting members approved.

- Troy: Not sure how we facilitate public oversight of voting through email. Decision comes when we approve the executive summary and updated primer.
- Jalene: Format was part of the decision today.
- Jas.: If it's just yes or no, I think that could be done through email. We are electronically communicating votes here.
- Rick: For this one, I think we can do email.

Chair & Vice-Chair Updates

Rick Boatner & Troy Abercrombie

Rick Boatner

I want to remind everyone that our bylaws require consensus or majority vote. Non-voting members are important for offering opinions, can call for a vote, etc. We are holding an Executive Committee meeting on march 10th. Jalene to work with Amira to discuss options for presenting to the Governors Natural Resources Office.

- (Chat) Chan, Samuel S to Everyone: Great point that non-voting members can call for a vote!!

Troy Abercrombie

Now is the time to join or leave a committee. We are recruiting co-chairs for multiple committees. If you have interest, reach out to the chairs of those committees. Committee meetings need proper public notice. Committee chairs, please work with Jalene and Annie to get those posted.

- (Chat) JAS ADAMS to Everyone: Does the advice from Renee Moulun mean that ad hoc meetings involving less than a quorum of Council members must be published as a public meeting? I think council members should get an explanation as to what was actually said by Renee so we know what is being required -- this could be a summary from Cat.
- (Chat) derivera to Everyone: Yes, they do. <https://www.doj.state.or.us/oregon-department-of-justice/public-records/attorney-generals-public-records-and-meetings-manual/>
- (Chat) From Jalene Littlejohn to Everyone: <https://www.oregoninvasivespeciescouncil.org/committee-signup>

Committees & Working Groups (Progress, Approvals, or Next Steps)

Governance Committee, Troy Abercrombie

The Vice Chair of Council is also the Chair of Governance Committee. I recently sent out the most recent version of the Bylaws for review by the Committee and want to get that done ASAP. Consider advantages/disadvantages of Bylaws being Oregon Administrative Rule instead.

Strategic Plan Working Group, Jas. Adams

From day 1, there was a lot of confusion about what kind of entity the Council really is. I had an epiphany moment thinking about what the Council does. The Council functions as a catalyst when it stimulates effective invasive species actions conducted by the Council's network participants, without the Council itself needing to find funds to implement those actions. The Statewide Strategic Plan and "Action" Plan was to start gathering actions from Council members, but then COVID hit. Only one person submitted actions. It is a mandatory thing we're supposed to do. Jalene has offered to set up appointment times to collect actions.

Discussion:

- Jalene: We want to be as flexible as possible. We are putting together a form to add to the website. Have an opportunity to think strategically about how we communicate about the work that is going on around the state and we really do need your input and contributions. You could upload an annual report through the form or set up scheduled meeting times to communicate what the most important actions are to capture.

Q (Sam): What is the timeline of when to come up with the first sample response?

A (Jas.): May 1, 2021.

- (Chat) Troy Abercrombie to Everyone: Thank you, Jas. Will be great to get all of these actions compiled. Eventually we will be able to share out high impact "packages" that will include these actions, updated biennial primer, etc. Great work.

Worst Invaders List Working Group, Nikki Brooks & Roy Marler

Jalene gave a tour of the software, AirTable and how this has been used to organize the OISC's Worst List. The Worst List has been shared as a static spreadsheet up until now. In 2020, Cat asked for a working group to be put together. AirTable is very easy to access and use. It could also potentially be used for the Strategic Action Plan reporting. In the future, we could use it to add links to agency resources, can filter, sort, etc and can download as a .csv file.

Group Discussion:

Q (Jas.): Do you see this as a tool that could be used to input actions for the Statewide Strategic Plan?

A (Jalene): Yes. My recommendation is that we pull all into one place, including our Network directory too.

Q (Jas.): If this tool gets us to where we want to be, it could be linked to the Statewide Strategic Plan. Does this require Council members do this input?

A (Jalene): A lot of info can be pulled from annual reports, it just takes time.

- Jalene: AirTable Does have a cost. \$29.00/month, billed annually. Not a huge cost, but does need to be approved.
- Nikki: I want to reiterate that Jalene put all this together in just a handful of hours. Such an easy platform to use and very professional looking.
- Karen: This also has benefits to collecting activities for publishing the OISC annual reports.

Q (Helmuth): We don't call it the 100 worst anymore? One of the KPM that we use to report to the Legislators is the number of worst list species that we keep out. Need to discuss this.

A (Jalene): Took "100" off the title quite a while ago. We could easily accommodate this by sorting by species that have not been detected yet.

Helmuth moves to accept the cost for using AirTable for the Worst List and other options down the road.

2nd: Troy Abercrombie

All voting members approved.

Q (Sam): What's next step for AirTable?

A (Jalene): I need to work with ODA to get the subscription paid for and then work with the working group to continue putting in species information. Could set up a table and send out account information to taxa experts to make sure species information is correct.

Budget & Funding Committee, Rick Boatner & Helmuth Rogg

We may have money to fund some of those Education & Outreach grants. Stay tuned, but we need to meet as a Committee first.

Joint Education & Communication Committees

Sam Chan: 30+ proposals that we received last year for grant funding, I would like to invite those folks that we selected for the top 10 to share how they have adapted with COVID, etc.

Karen Ripley: The [new OISC brochure](#) is available on the website. A new [post-wildfire webpage](#) is also now available. The 2019 annual report is ready for review. Looking to acquire actions for 2020. Trying to work on a way to expand the network and reach out to them. Maybe through regular contacts and short questions. Next joint meeting is March 16th.

- (Chat) Karen Ripley to Everyone: I'd like to (at the next meeting) brainstorm action areas that occurred in 2020 for the Annual report. And maybe this exercise can be linked to pilot/demonstrate how we could record and report those actions in the air table and/or in association with a worst species.
- (Chat) Rick Boatner to Everyone: Good suggestion
- (Chat) derivera to Everyone: You all are so productive, communications!

MOU Working Group, Catherine de Rivera

More limited in what we can do with MOU than what we originally thought. Some things that were learned include: statute puts OISC within ODA, there isn't much wiggle room from the contract process for the Coordinator, and ODA doesn't have the power to request invitation to the Natural Resources Cabinet meetings. We need to revisit the need for a line item for OISC budget in ODA's natural resource budget.

Q (Christine): Are committee meetings considered public meetings? Has that been confirmed?

A (Rick): Yes, it's in statute. Have to send our meeting information to Annie at ODA so they can be posted.

ODA Administrative Update: Contracts & Agreements

Helmuth Rogg

- Helmuth: I will send out the contract to current OISC members and then we will need to go over the process.
 - Rick: Add this topic to the Executive Committee meeting list (done).
- Rick: The state is changing its email server, so listservs will no longer be two-way communication. We will need to figure out how to move forward.
- Helmuth: Current listservs allow back and forth communication, GovDelivery doesn't allow that. Maybe someone else can host something.
 - Rick: Need to also add this to Executive Committee meeting list (done).
- (Chat) derivera to Everyone: Can it be a google group?
- (Chat) Troy Abercrombie to Everyone: Probably not, initially. Lot's of Google restrictions....I predict that agencies will cave to the realization that Google runs the show.
- (Chat) Josh Emerson, ODEQ to Everyone: or an MS Teams Group? i'm told that i'll have access to all state employee calendars starting Monday... but currently assuming that idea has some built in optimism.
- (Chat) Troy Abercrombie to Everyone: A better answer is that, yes we can use google groups but not everybody will be able to participate in that infrastructure, at least initially, with their agency email platforms and internal restrictions. Great point, Josh. That could be an option.

Public Comment

No public comment.

Action Items, Next Meeting & Close

See summary list of actions/outcomes at the top of minutes.

Meeting Participants

Council Members

Troy Abercrombie, Western Invasives Network

Jas. Adams, Public Member

Rick Boatner, Oregon Department of Fish & Wildlife

Nikki Brooks, US Customs and Border Protection
Clint Burfitt, USDA, APHIS, PPQ - Alternate OISC Member
Sam Chan, Oregon State University & Oregon Sea Grant
Josh Emerson, Oregon Department of Environmental Quality
E. Chuck Fisk, F5 Wildlife Control
Peter Kenagy, Kenagy Family Farm Inc, Oregon Farm Bureau, Willamette Mainstem Cooperative,
Specialty Seed Growers of Western Oregon
Roy Marler, US Customs and Border Protection - Alternate OISC Member
Heidi McMaster, US Bureau of Reclamation
Christine Moffitt, Friends of South Slough Reserve
Kathy Pendergrass, USDA NRCS
Jennifer Poirier, US Fish & Wildlife Service - Alternate OISC Member
Dave Pranger, Morrow County
Karen Ripley, USDA Forest Service
Catherine de Rivera, Portland State University
Helmuth Rogg, Oregon Department of Agriculture
Alex Staunch, Mosaic Ecology
Amira Streeter, Office of Governor Kate Brown
Brendan White, US Fish & Wildlife Service
Eugene Wier, The Freshwater Trust
Wyatt Williams, Oregon Department of Forestry

Council Members Excused: Noel Bacheller (Oregon Parks & Recreation Department), Rep. David Brock Smith (Oregon House of Representatives - District 1), Glenn Dolphin (Oregon State Marine Board), Erin McConnell (Bureau of Land Management), Sean McMillen (USDA APHIS PPQ), Tim Newton (Malheur County SWCD), Cheryl Shippentower (Confederated Tribes of the Umatilla Indian Reservation)

Other Meeting Participants

Sarah Callaghan, US Forest Service
Michelle Delepine, West Multnomah SWCD - OISC Committee Member & Former OISC Member
Helen Lau, USDA Forest Service
Sam Leininger, Clackamas SWCD
Jalene Littlejohn, Samara Group
Elaine Rybak, OISC Committee Member

DRAFT 2019-2021 OISC Biennium Budget Report

For Discussion

Purpose: budget allocations and expense tracking by funding source.
Updated with numbers from ODA reports (through 4/2/2021).

| Projected OISC Budget by Funding Source | | | | | | Expended as of 2/12/2021 | | | | Remaining Budget 2019-2021 Biennium | NOTES |
|--|---------------------|--------------------|--------------------|--------------------|---------------------------------------|--|--------------------|-------------------|--------------------|-------------------------------------|---|
| Category (lines up with 'OISC Project Balances' Report from ODA) | AY 21 GF + LF | USFS | USFWS | BLM | Total Budgeted 2019-2021 Expenditures | AY 21 GF + LF | USFS | USFWS | BLM | | |
| PERSONNEL : Contracted Services & Payroll | | | | | | PERSONNEL : Contracted Services & Payroll | | | | | |
| Professional Services: | | | | | | Professional Services: | | | | | |
| *Contracted Coordinator | \$101,800.00 | \$20,000.00 | \$18,500.00 | \$9,700.00 | \$150,000.00 | \$97,916.61 | \$15,362.50 | \$9,000.00 | \$ - | \$ 27,720.89 | Restored biennium budget per budget committee proposal August 2020. Includes web domain and email hosting. |
| *Special Projects | | | | | \$0.00 | | | | | \$ - | Other contracted services, funding partners, paying students, special events. |
| Hotline / INR Contract | \$10,000.00 | | | | \$10,000.00 | \$10,000.00 | | | | \$ - | Discussed contribution to online hotline in previous funding discussions; approved at October 2019 & June 2020 meeting; retained hotline budget per August 2020 budget committee recommendation. Confirmed agreement and payment as of March 2021 |
| Agency Payroll | \$4,800.00 | | | | \$4,800.00 | \$4,473.09 | | | | \$ 326.91 | Tristen Berg's time - Education/Outreach grants. Edited budget line item per ODA recommendation to \$4800. |
| SUBTOTALS - Personnel | \$116,600.00 | \$20,000.00 | \$18,500.00 | \$9,700.00 | \$164,800.00 | \$112,389.70 | \$15,362.50 | \$9,000.00 | \$0.00 | \$28,047.80 | |
| SUPPLIES, FEES & OTHER PROJECT COSTS | | | | | | SUPPLIES, FEES & OTHER PROJECT COSTS | | | | | |
| Travel | \$3,216.43 | | | | \$3,216.43 | \$3,216.43 | | | | \$ - | Per Rick - no more travel this biennium. Reduced budget item to match expenditures to date. |
| Office Supplies: | \$3,774.89 | \$1,300.00 | \$0.00 | \$300.00 | \$5,374.89 | \$3,865.15 | | | | \$ 1,509.74 | Office supplies sum as of 4/2/21 balances report, includes the following (italicized below) |
| Hotlines | | \$1,000.00 | | | \$1,000.00 | \$938.26 | | | | \$ 61.74 | 2017-2019 biennia was ~\$830 for Squeal on Pigs (AnswerNet) + 1-866-INVADER. Assumed expended costs are office supplies - meeting costs. Increased budget for hotlines per current costs balance. |
| *Council Meeting Costs | \$2,926.89 | | | | \$2,926.89 | \$2,926.89 | | | | \$ - | Per Rick, no additional in-person meeting costs this biennium. Reduced budget line to match expenditures to date. |
| *Awards + Events | \$500.00 | | | | \$500.00 | \$0.00 | | | | \$ 500.00 | 6/26/20 proposed reduction from budget committee to cancel awards event and possibly retain funds for virtual awards. |
| Software | \$348.00 | \$300.00 | | \$300.00 | \$948.00 | \$0.00 | | | | \$ 948.00 | GoTo Webinar for webinars, networking events. AirTable for worst list database. |
| Statewide Government Service Charges | \$16,000.00 | | | | \$16,000.00 | \$15,594.20 | | | | \$ 405.80 | Budget Estimated by Roberta, ODA - Sept 2019; confirmed estimate to be close to \$16,000 via email July 2020 |
| Attorney General | \$2,000.00 | | | | \$2,000.00 | \$278.20 | | | | \$ 1,721.80 | Per Rick - increase budget for likely costs hard to estimate |
| Advertising: | \$0.00 | | | | \$0.00 | \$0.00 | | | | \$ - | |
| *Promotion and Outreach - Marketing/Campaigns | \$0.00 | | | | \$0.00 | \$0.00 | | | | \$ - | Production of print materials, promotional materials, ads, booth/table fees, event fees - specifics TBD |
| Public Meeting Notices | | | | | \$0.00 | \$0.00 | | | | \$ - | In ODA reports, but reported at \$0 in previous biennium. |
| Merchant Fees: Treasury Fees | \$250.00 | | | | \$250.00 | \$220.00 | | | | \$ 30.00 | 2017-2019 biennia was ~\$230 |
| Rent - Other Equipment | \$0.00 | | | | \$0.00 | \$0.00 | | | | \$ - | |
| Administrative Fees: ODA | \$1,500.00 | | | | \$1,500.00 | \$0.00 | | | | \$ 1,500.00 | charged at 15% for 'other funds' (OF) - government charge |
| Contribution to emergency control account | \$0.00 | | | | \$0.00 | \$0.00 | | | | \$ - | Budget reduction of contributions to Control Account as of June 2020 |
| Outreach and Education Grant Program | \$0.00 | | | | \$0.00 | \$0.00 | | | | \$ - | Budget reduction to Outreach Program as of June 2020 |
| Reserve | \$0.00 | | | | \$0.00 | \$0.00 | | | | \$ - | Reserved for unanticipated budget items or underbudgeted items (per CED on 7/14/20: reduced from \$20k to \$2k). Removed from reserve per Rick Feb 2021. |
| SUBTOTALS - Supplies/Projects | \$26,741.32 | \$1,300.00 | \$0.00 | \$300.00 | \$28,341.32 | \$23,173.98 | \$0.00 | \$0.00 | \$0.00 | \$5,167.34 | |
| TOTAL: Personnel+Supplies/Projects | \$143,341.32 | \$21,300.00 | \$18,500.00 | \$10,000.00 | \$193,141.32 | \$135,563.68 | \$15,362.50 | \$9,000.00 | \$0.00 | \$33,215.14 | |
| Total Revenue (2019-2021) | \$164,635.95 | \$61,900.00 | \$18,500.00 | \$10,000.00 | \$255,035.95 | \$164,635.95 | \$61,900.00 | \$18,500.00 | \$10,000.00 | \$255,035.95 | |
| Total Remaining (2019-2021) | \$21,294.63 | \$40,600.00 | \$0.00 | \$0.00 | \$61,894.63 | \$29,072.27 | \$46,537.50 | \$9,500.00 | \$10,000.00 | \$95,109.77 | Final totals are draft with clarifications needed |
| Proposed Rollover to 2021-2023 Budget | \$21,294.63 | \$40,600.00 | \$0.00 | \$0.00 | \$61,894.63 | | | | | | |

*Italicized items are line items broken down when information is available. All italicized line totals are rolled up into totals of bold header above it.

2019-2021 OISC Biennium Revenue Tracking - Operations*

Confirmed and prospective income tracking. Updated with numbers from Project Balances and Grant Summaries provided by ODA (through 2/21/2021)

| Revenue 2019-2021 | CARRYOVER | AY21 | TOTAL | NOTES |
|----------------------------|-----------------|---------------------|---------------------|--|
| Interest Income | \$0.00 | \$90.34 | \$90.34 | Updated interest income line to match balance reports sent from ODA as of 12/4/20) |
| Donations | \$0.00 | \$0.00 | \$0.00 | |
| Federal Grants: USFS | \$11,900.00 | \$0.00 | \$11,900.00 | USFS Funds \$9,000 in May 2019 + previous grants |
| Federal Grant: USFS | \$0.00 | \$50,000.00 | \$50,000.00 | New in 2020 |
| Federal Grant: BLM | \$0.00 | \$10,000.00 | \$10,000.00 | Per Erin's report to OISC at June 2020 meeting there will be \$20,000 coming to the OISC: \$10,000/year. |
| Federal Grant: USFWS | \$0.00 | \$18,500.00 | \$18,500.00 | 2 separate grant agreements. Confirmed new grant agreement (\$9,500) as of 8/1/20. |
| Incidental Income | \$0.00 | \$69.94 | \$69.94 | Incidental income line to match balance reports sent from ODA as of 12/4/20) |
| Charges for services | \$0.00 | \$0.00 | \$0.00 | |
| AY21 GF Appopriation | \$0.00 | \$20,000.00 | \$20,000.00 | after budget cuts |
| AY 21 Lottery Revenue | -\$11,431.33 | \$155,907.00 | \$144,475.67 | carryover deficit from previous biennium. |
| | | | | |
| Total Revenue | \$468.67 | \$254,567.28 | \$255,035.95 | <i>Sum Carryover (B16) + Sum AY21 (C16)</i> |
| Prospective Funding | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

*Note: see Project Balances for Emergency Control Account balances.

| Status | Agency | Amount | Start | End | Contact | Award Number | Grant # | PCA (from ODA) | Notes |
|----------|----------------------------|----------|-----------|------------|-----------------|--------------------|---------|----------------|--|
| Active | Bureau of Land Management | \$20,000 | July 2020 | 12/31/2022 | Erin McConnell | 14OL4318A0015 | 271204 | 24019 | From Erin via email 7/21/20. My intent for these funds was to "support the Council" \$10,000 per year. I did not specifically identify how they were to be used or what specifically they would pay for. |
| Active | US Fish & Wildlife Service | \$9,500 | 8/1/2020 | 8/1/2021 | Brendan White | F20AP10656 | 109930 | 24018 | From NGA: This funding will contribute to the contract with Samara Group to continue acting as the Oregon Invasive Species Council (OISC) Coordinator. The OISC is a multi-agency, multi-stakeholder group that coordinates on invasive species issues in Oregon to more efficiently and effectively prevent the establishment and spread of invasive species, and strives to eradicate those priority invasive species that have already arrived in our state. The OISC holds meetings 3-4 times each year, constantly coordinates on current invasive species infestations and issues, supports detection efforts and holds practice scenarios for potential invasions. |
| Active | USDA Forest Service | \$50,000 | Sept 2020 | 12/31/2024 | Shawna Bautista | 20-DF-11062765-713 | 271201 | 24020 | From Shawna via email 8/21/20. The funding can be used for coordinator support, meeting expenses, project support – pass through grants, strategy development, action plan updates, or even emergency actions to control invasive species. The Oregon Invasive Species Council (OISC) will receive \$50,000.00 of State and Private Forest Health funds to support coordination of the council. This includes the operation and functions of the OISC. The OISC will provide progress reports that summarize the work accomplished under this agreement. <ul style="list-style-type: none"> • Edit and post online invasive species outreach materials, including items which engage a wide group of invasive professionals such as the "100 Worst" list. • Support OISC's Education and Outreach efforts. Engage citizens in a variety of programs and outreach campaigns to promote OISC messaging. • Engage Oregonians in the conversation of personal actions and responsibility through social media Facebook and blogs • Make arrangements, organize, and facilitate OISC meetings and OISC events • Give presentations promoting invasive species issues • Draft and distribute news releases on invasive species • Assist in a statewide invasive species strategic plans for Oregon • Develop OISC annual report card • Help facilitate invasive species hotline |
| Complete | US Fish & Wildlife Service | \$9,000 | | | | | | | Final report submitted to ODA |

000000Revenue and Expenditures AY21 Activity through April 2, 2021

| | Emergency Fund | Emergency Fund | Change | OISC Operations | OISC Operations | Change |
|--|------------------|------------------|------------------|-------------------|-------------------|--------------------|
| | | through 04/02/21 | | | through 04/02/21 | |
| AY19 Carryover Balance | 80,938.91 | | | 468.67 | | |
| Revenue: | | | | | | |
| Interest Income | 2,225.26 | 2,315.25 | 89.99 | 86.96 | 90.34 | 3.38 |
| Donations | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Federal Grant <u>1/</u> | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| U.S.F.S | 0.00 | 0.00 | 0.00 | 50,000.00 | 50,000.00 | 0.00 |
| BLM | 0.00 | 0.00 | 0.00 | 10,000.00 | 10,000.00 | 0.00 |
| USDA-Aphis | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| USFWS | 0.00 | 0.00 | 0.00 | 18,500.00 | 18,500.00 | 0.00 |
| Incidental Income | 0.00 | 0.00 | 0.00 | 69.94 | 69.94 | 0.00 |
| Charges for Services | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AY21 GF Appropriation <u>3/</u> | 0.00 | 0.00 | 0.00 | 20,000.00 | 20,000.00 | 0.00 |
| Lottery Revenue | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AY21 Lottery Revenue | 0.00 | 0.00 | 0.00 | 155,907.00 | 155,907.00 | 0.00 |
| Total Revenue | 2,225.26 | 2,315.25 | 89.99 | 254,563.90 | 254,567.28 | 3.38 |
| Expenditures: | | | | | | |
| Travel | 0.00 | 0.00 | 0.00 | 3,216.43 | 3,216.43 | 0.00 |
| Office Supplies | 0.00 | 0.00 | 0.00 | 3,795.25 | 3,865.15 | (69.90) |
| Meeting Costs - \$2,926.89 of the \$3795.25 | 0.00 | 0.00 | 0.00 | 9,321.53 | 15,594.20 | (6,272.67) |
| Statewide Government Service Charges | 0.00 | 0.00 | 0.00 | 106,429.11 | 122,279.11 | (15,850.00) |
| Professional Services | 0.00 | 0.00 | 0.00 | 278.20 | 278.20 | 0.00 |
| Attorney General | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Advertising - Marketing/Campaigns | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Advertising - Public Meeting Notices, etc. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Merchant Fees | 200.00 | 220.00 | (20.00) | 200.00 | 220.00 | (20.00) |
| Rent - Other Equipment | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Payroll <u>2/</u> | 0.00 | 0.00 | 0.00 | 3,665.57 | 4,473.09 | (807.52) |
| Contractual | 0.00 | 0.00 | 0.00 | 10,000.00 | 10,000.00 | 0.00 |
| Administrative Fee | 36.00 | 40.00 | (4.00) | 0.00 | 0.00 | 0.00 |
| Total Expenditures | 236.00 | 260.00 | (24.00) | 136,906.09 | 159,926.18 | (23,020.09) |
| Remaining Balance | 82,928.17 | 82,994.16 | 82,994.16 | 118,126.48 | 95,109.77 | 95,109.77 |
| Committed Expenditures: | | | | | | |
| | | | | | 0.00 | 0.00 |
| | | | | | 0.00 | 0.00 |
| Revenue not available - federal award | | | | | 25,000.00 | 25,000.00 |
| Available Balance | 82,928.17 | 0.00 | 82,994.16 | 118,126.48 | | 70,109.77 |

1/Not all federal revenue has been received but has been approved.
2/Tristen Berg's time - Education/Outreach grants.
3/Reflects approved budget cuts

Milton-Freewater, March 26, 2021

Rick Boatner
2021 OISC Chair
Oregon Invasive Species Council

Request For Invasive Species Emergency Funding To Eradicate Apple Maggot Fruit Fly in Apple Production Area in Eastern Oregon

Dear Chair:

I am writing to you to request your financial support in the direct control and eradication of the invasive apple maggot population recently detected in the orchard production area of Milton-Freewater in eastern Oregon.

Here is a summary from the Department of Agriculture about the invasive fruit fly, the apple maggot:

In 1979, the Apple maggot (AM), *Rhagoletis pomonella* (Walsh) (Diptera, Tephritidae) native to the eastern United States, was first reported in Oregon. Since then it has been found in all counties in western Oregon and east to Wasco County, and in the Pendleton area of Umatilla County, posing a serious threat to the apple production in Oregon.

The Oregon Department of Agriculture (ODA) has been trapping for AM in Eastern Oregon, in particular in the Milton-Freewater area, for more than 35 years. In 2000, one apple maggot was recorded in Echo; three were recorded in Arlington, and one each in Moro and Condon. Eradication efforts immediately implemented by ODA, OSU and local authorities in Arlington and Echo were successful in eradicating the apple maggot population. In 2001, more than 60 apple maggots were caught in southwest Pendleton on ornamental hawthorn. A delimitation survey in 2002 recorded 387 specimens around the Blue Mountain Apartments in southwest Pendleton. In a combined effort between homeowners, OSU, ODA and the Milton-Freewater private apple industry, host trees were either removed or sprayed. Due to economic limitations the spray actions were stopped after two applications. No AM has been caught during continuous surveying since 2004 conducted by ODA and OSU for the Milton-Freewater area.

Since 2018, Umatilla County, the County Commissioners and Pest Board, the Oregon Department of Agriculture, and local producers, have been collaborating to establish an

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AM-free zone in the Milton-Freewater orchard production area and to eradicate or contain the Pendleton AM infestation. With direct support of the Blue Mountain Horticultural Society, ODA continued with the AM detection survey in the Milton-Freewater apple production area in 2020 to protect the northeastern Oregon apple export market. Detection traps were placed at 99 sites in the Milton-Freewater area, and for the first time, a single fly was captured at each of 3 different locations. In response to each capture additional delimitation traps were placed in orchards and other suitable habitats within a half mile of positive traps. No additional flies were found. These captures have triggered planning and preparation for extensive trapping and eradication efforts in 2021 following FAO guidelines (ISPM 26 2015).

If AM were to establish in the Milton-Freewater area, local apple production would be put at risk and pesticide use would likely significantly increase. These increased pesticide applications by commercial apple producers as well as homeowners may result in increased levels of pesticide residues potentially impacting Oregon watersheds and riparian forest trees.

There are 3,500 acres of tree fruit currently in the Milton-Freewater growing district, all of which would be affected if a change in pest free status from Apple maggot were to occur. In 2020, there was limited ODA funding available for this, so the Blue Mountain Horticulture Society funded a limited apple maggot trapping program to maintain our status. During this sampling we caught our first Apple Maggot in the valley. In response to this and in an effort to satisfy the Food and Agriculture Organization of the United Nation's International Standards for Phytosanitary Measures (ISPM 26 2015), ODA recommends that the trapping program is expanded to ensure the Milton-Freewater growing district is declared pest free and that proper delimiting trapping is followed to help with any future 2021 eradication plans. Our fear is that without external support it is unlikely that the program can be executed.

For the Milton-Freewater grower, a change from Fly Free-Pest Free Area status would mean losing the benefit of being in an early harvesting district. In recent years, the early market prices for each variety have been the only times they are profitable. For packing houses and shippers, such a downgrading in status would make it more complicated to store and sell fruit. While this area is considered a large production area in the state of Oregon, most of our fruit is marketed by Washington sales groups. Box sales will be lost while waiting for the required 40-day cold treatment to expire. The record low crop of 2020 would only increase the impact of having to wait to ship in 2021. We estimate that collectively such a change in status could cost up to \$19,400,000 in this next growing season alone.

In closing, it is very important to the survival of the Milton-Freewater tree fruit industry that we maintain our Apple Maggot Pest Free Status. We are asking for any support the Oregon Invasive Species Council might be able to approve from its Emergency Account. The ODA has prepared a cost estimate for the 2021 survey and eradication efforts in close collaboration with the OSU Extension Service, the USDA-ARS, and our industry.

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The ODA can contribute approximately \$38,000 to the survey and eradication efforts for 2021, but has no additional funding available to completely cover the costs. The industry will contribute with personnel to set up the traps and some costs of mitigation.

I would be glad to provide further details on our collaborative Apple Maggot eradication project if you have additional questions. Please see below a table with ODA's response plan, budget, timeline, performance measures and PRA (pest risk analysis).

Thank you for your consideration and support to keep Apple Maggot out of eastern Oregon.

Best regards,



Sincerely,

Todd Davis
President BMHS

| | | | |
|--------------------------------------|-----------------------------|--------------------------|-------------------------|
| Tom Waliser Grower | Dave Hansen Grower | Dennis Burks Grower | Jacob Morris Grower |
| Sean Roloff BMHS Board Member | Dave Morris Grower | Barbara Roloff Grower | Jodi Emtman Grower |
| Jared Brown BMHS Board Member | Dana Dibble Grower | Rudy Lara Grower | Leonard Brown Grower |
| Vern Rodighiero BMHS Board Member | Gay Dodd Grower | Dan Kezele Packer | Tony Ruiz Grower |
| Angie Lefore BMHS Board Member | Ron Lefore Grower/Packer | James Foreman Grower | Tamara Lefore Grower |

Work Plan, Budget and Assessment

| | | | | |
|-----------------------------|---|--|---|--|
| <p>Response Plan</p> | <p>ODA has prepared a response plan for AM that includes a treatment plan and a delimitation program for the positive sites in and around the Milton-Freewater orchard production area.</p> | <p>We plan to use a variety of methods to delimit and eradicate the incipient apple maggot population in the Milton-Freewater commercial orchard production area, including AM traps in a density recommended by ISPM (International Standard of Phytosanitary Measures) and ODA, removal of feral apple trees to reduce feral reservoirs of the invasive pest, applications of approved insecticides, including GF-120. The response is being prepared in close collaboration by ODA, USDA-ARS, OSU Extension and the Industry.</p> | | |
| <p>Budget</p> | <p>This is a collaborative effort of various partners</p> | <p><u>Costs of the 2021 season:</u></p> <p>Personnel costs for delimitation survey and eradication activities: \$81,310</p> <p>Travel: \$3,169</p> <p>Supplies (traps and lures, insecticides): \$20,264</p> <p>TOTAL in 2021: \$104,743</p> | <p><u>Contributions:</u></p> <p>ODA through Specialty Crop Block Grant Program: \$32,000</p> <p>ODA: \$4,743 (in-kind personnel)</p> <p>ODA: \$35,000 (E-Board request)</p> <p>Industry: \$11,500 (in-kind personnel) \$12,500 (in-kind treatment costs)</p> | <p>Budget request to OISC Emergency Fund: \$30,000</p> |
| <p>Timeline</p> | <p>We will set up the</p> | <p>Foliar applications of</p> | | |

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| | | | | |
|-----------------------------|--|--|--|--|
| | delimitation traps in middle of May until the end of October; eradication activities start around 7-10 days of the emergence of the invasive apple maggot adults | approved insecticides, including GF-120 are scheduled around 7 to 10 days around the emergence time of the AM adults, which is usually around early June | | |
| Performance measures | We will place an additional 250 AM traps as part of the delimitation trapping program, following the international standard protocol for trapping (attached; also see maps attached) One to two foliar applications will be conducted in May/June of 2021 | We have attached a map of the eradication areas in Milton-Freewater | | |
| PRA | ODA performed a PRA, which is attached. | | | |

Trap densities suggested for *Rhagoletis* spp. (extracted from ISPM 26 [2015] Table 4e)

| Trapping | Production area | Trap density/km ² | | Points of entry |
|--|-----------------|------------------------------|-----------------|-----------------|
| | | Marginal | Urban | |
| Monitoring survey, no control | 0.5–1.0 | 0.25–0.5 | 0.25–0.5 | 0.25–0.5 |
| Monitoring survey for suppression | 2–4 | 1–2 | 0.25–0.5 | 0.25–0.5 |
| Delimiting survey in an FF-ALPP after an unexpected increase in population | 3–5 | 3–5 | 3–5 | 3–5 |
| Monitoring survey for eradication | 3–5 | 3–5 | 3–5 | 3–5 |
| Detection survey in an FF-PFA to verify pest absence and for exclusion | 1 | 0.4–3 | 3–5 | 4–12 |
| Delimitation survey in a PFA after a detection in addition to detection survey | 20–50 | 20–50 | 20–50 | 20–50 |

Putative 2021 detection (yellow) and delimitation (red, eradication zones) trap locations in the Milton-Freewater area.



Economic Risk Analysis: Umatilla County and the Apple Maggot, *Rhagoletis pomonella* (Walsh)

Name: Apple maggot, *Rhagoletis pomonella* (Walsh)

Origin, biology, hosts:

The apple maggot, *Rhagoletis pomonella* (Walsh) is a significant pest for apple crops because the species feeds on apples and lays eggs within the fruit. The hatched maggots burrow tunnels within the apples and cause them to fall prematurely and create unsightly brown spots. It has been a serious pest of apples in the eastern United States and Canada for over 100 years (Dean and Chapman 1973). It has been found throughout the east coast from Quebec in the north to as far south as Florida and from the Atlantic coast to parts of the Dakotas, Iowa, and eastern Texas, but until recently not the western United States.

In 1979 the apple maggot was reported for the first time from a backyard tree in Portland, Oregon (AliNiazee and Penrose, 1981). An examination of the Oregon Department of Agriculture (ODA) tephritid collection indicated that an apple maggot fly had been collected in 1951 at Rowena near Hood River, Oregon on a yellow sticky trap. The specimen was originally identified as the snowberry maggot, *Rhagoletis zephyria* Snow, by the ODA but has recently been re-identified as *R. pomonella* (AliNiazee and Westcott, 1986). California quarantine inspection records show apple maggot infested fruit have been intercepted at border patrol stations since around 1950. It is probable that the apple maggot has been accidentally introduced to the West many times during the past decades.

Indigenous to northeastern United States and adjacent portions of southeastern Canada, apple maggot is thought to have originally used native hawthorn (*Crataegus* spp.) berries for larval development, undergoing a host transference to *Malus* after its introduction into the New England area (Dean and Chapman 1973). Bush (1966) reports that this host shift was relatively recent, since this species was first described in 1867 (Walsh 1867), ca. 200 years after the apple was brought to our country from Europe. Host diversification has continued: Peach, pear, cherry, plum, chokeberry, cranberry, dogwood, and fruits of the Japanese roses, *Rosa rugosa* and *Rosa carolina*, can also host apple maggots. However, apple maggots are not usually a serious pest of plums, cherries, and pears. Apple and hawthorn infesting races are now generally distributed over the eastern half of the continent, extending from New York south to Florida and west to North Dakota and eastern Texas. Another disjunct population is known to occur in the highlands of central Mexico. The apple race does not extend as far north as the hawthorn race. Southward it follows the Appalachian Mountains into northern Georgia. No apple infesting forms are known from the remaining tier of southern states (Bush 1969).

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It appears that the apple maggot has become a serious threat to the Pacific Northwest apple industry. Establishment of this pest has already resulted in the discussion of new quarantine regulations capable of restricting existing, as well as future, markets. Should the apple maggot prove to be a key pest, at least two additional summer cover sprays will be required, costing Oregon and Washington apple growers an estimated \$5.5 million annually, and this could disrupt integrated pest management programs now in operation.

The ODA conducted a survey in 1980 to measure the distribution of the apple maggot, and traps in southwestern Washington showed apple maggot distribution in and around Vancouver, Washington, a suburb of Portland, Oregon. The apple maggot has spread to the Northwest, including Washington, Oregon, and northern California. They are believed to have been spread via contaminated apples, most likely to have been accidentally introduced to the western United States multiple times over the past few decades. This theory is supported by lack of *R. pomonella* infestation on *Crataegus douglasii* Lindl. in Washington, Oregon, and Idaho, implying that the fly in these regions is not native on hawthorn. There are recorded sightings of *R. pomonella* from Southern Utah and New Mexico, as well as in the Sierra Madre Oriental Mountains and the Altiplano central highlands of Mexico.

By 2000 it was found in most western Oregon and Washington counties. The apple maggot remains a potential threat to the commercial Northwest apple and pear industry in the Columbia Basin. Fortunately, the apple maggot seems to attack only apple and hawthorn in Oregon and Washington, and so far has not been found on pear. Early cultivars of apples are particularly susceptible to damage. There is a quarantine on the movement of fruit from Washington and Oregon counties known to have this pest.

RISK RATING SUMMARY

Relative Risk Rating: VERY HIGH

Numerical Score (1-9 scale): 9

Uncertainty: LOW

RISK RATING DETAILS

Establishment Potential: HIGH

Eastern Oregon's climate and host plant distribution are ideal for apple maggot establishment.

Because of the pest's widespread distribution, and an extensive and essential continuum of un-sprayed host plants, it is highly probable that apple maggot will become established in all suitable habitats east of the Cascade Mountains.

Spread Potential: HIGH

Oregon Department of Agriculture has been monitoring for apple maggot in Umatilla County for several decades. A local AM population in Pendleton has been monitored and

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also under eradication efforts to prevent spread outside the City. Surveys for the orchard production area in Milton-Freewater have been negative until 2020.

Environmental Impact Potential: LOW

The native host of AM is hawthorn, which is widespread along riparian areas in eastern Oregon.

Economic Impact Potential: HIGH

Apple production in Milton-Freewater, Umatilla County, Oregon:

| Oregon Crop / Commodity | Harvested Acreage | Production Value (\$) | Estimated Crop Damage Costs (\$) | Estimated Quarantine Costs (\$) | Total Economic Impact (\$) |
|-------------------------|-------------------|-----------------------|----------------------------------|---------------------------------|----------------------------|
| Apples | 3,560 | 30,269,000 | 350,000 | 19,400,000 | 19,750,000 |

References

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- Bush, G. L. 1966. The taxonomy, cytology and evolution of the genus *Rhagoletis* in North America (Diptera: Tephritidae). *Bull. Mus. Compl. Zool. Harvard University* 134: 431-562.
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- ISPM 26. 2015. International standards for phytosanitary measures. Establishment of pest free areas for fruit flies (Tephritidae). <https://www.ippc.int/en/core-activities/standards-setting/ispms/>

2021 Legislative Committee Report

Updated as of 15 April 2021

Purpose: This report serves as a summary and synthesis of approved Oregon Invasive Species Council (OISC) committee and working group activities, a reporting of the status of activities to the full OISC membership, and documentation of the Committee’s recommendations for decisions by a quorum of Council members. The report is updated throughout the year and provided to the OISC as a new, dated version.

To: Oregon Invasive Species Council

From: Christine Moffitt and Peter Kenagy / Co-Chairs

Current Committee Membership see: <https://www.oregoninvasivespeciescouncil.org/committees-workinggroups>

Activities Report

| Committee Charge / Activities | Status Report |
|---|--|
| Meet with Representative Brock Smith regarding his continued participation as ex-officio legislative member | Successful meeting and we anticipate his participation in issues of special concern to his district including Sudden Oak Death and Gorse management. |
| Determine suitable method to track legislative activities | In progress |
| Identify and meet with potential senators to replace Senator Roblan’s role as ex-officio Senate member of council | We successfully identified Senator Fredericks as the new Senate member to serve this role, with shared common goals |
| | |

Summary of Accomplishments:

The legislative committee subset of members (Jas Adams, Peter Kenagy and Christine Moffitt) was tasked with meeting with candidate members of the Senate to replace Senator Roblan who retired.



The small group shared the goals of the committee and our need to identify a senator who could provide that role with three potential candidates. Senator Fredericks accepted and indicated strong support for OISC, as well as interest in PNWER committee as well.

Suggestions for Future Consideration:

Follow up with appropriate leaders to seat Senator Fredericks on PNWER invasive species team.
 Provide targeted updates of our commission activities to ex-officio legislative members.
 Institute a way to identify legislative issues emerging or introduced for consideration by the legislature.

Recommendations

| Date (Newest first) | Recommendation | Suggested Motion (if applicable) | Outcome |
|------------------------|----------------|----------------------------------|---------|
| | | | |
| | | | |

Requests

| Date (Newest first) | Request | Outcome |
|------------------------|---------|---------|
| | | |
| | | |

Attachments:

- None



2021 Communications Committee Report

April 21, 2021

Purpose: This report serves as a summary and synthesis of approved Oregon Invasive Species Council (OISC) committee and working group activities, a reporting of the status of activities to the full OISC membership, and documentation of the Committee's recommendations for decisions by a quorum of Council members. The report is updated throughout the year and provided to the OISC as a new, dated version.

To: Oregon Invasive Species Council

From: Karen Ripley

Current Committee Membership see:

<https://www.oregoninvasivespeciescouncil.org/committees-workinggroups>

Activities Report

| Committee Charge / Activities | Status Report |
|---|--|
| Recruit content for 2020 Annual Report (pages 2 and 3) about member organizations' activities and accomplishments during 2020. | Ripley & Littlejohn will send an email to council members requesting input. Quantified accomplishments (numbers of acres, numbers of inspections, number s of educational events ...) and narrative descriptions that highlight "... in spite of COVID-19" and "Actions associated with 2020's Wildfires" are requested. |
| Plan regional webinars to publicize, share the "Primer" and network with people and policymakers involved or interested in Invasive Species. Initiate effort with a more generic webinar. Target date: early in the second National Invasive Species Week (May 17, 2021). | Leader: Troy Abercrombie and Jalene Littlejohn |
| Plan and implement Invasive Species recognition award(s) to be given at each webinar. There's a list of prior awards and the newer award in created in honor of Jim Seeley. OISC is out of the habit of bestowing awards, | Recognition and Awards Committee is seeking additional members. |



| | |
|---|--|
| especially with hiatus on travel and in-person meetings due to COVID-19. Will need to recruit nominations, choose recipients, prepare certificates/mementos, encourage recipients to be present, and deliver announcements at webinars. | |
| Increase registration of "network" participants and improve information interchange (dispersal and feedback). | Initially planning survey questions to release every month or two to recruit input from people working on invasive species issues or management. Express your interest, participate with us and share your enthusiasm to add to the network! |
| | |
| | |

Summary of Accomplishments:

| | |
|--|---|
| Publish 2019 Annual Report | Done. Available at: https://online.pubhtml5.com/lgne/wwpp/#p=1 |
| Publish and print "Invasive Species Threats and Opportunities: A Primer for Oregon Policymakers" | Done. Available at: https://www.oregoninvasivespeciescouncil.org/threats-and-opportunities-primer Speak to Wyatt Williams about (limited) paper copies. |

Suggestions for Future Consideration:

Review the OISC "Communications Plan"

<https://static1.squarespace.com/static/58740d57579fb3b4fa5ce66f/t/5e7a35606d9a095017d3fbc3/1585067360776/OISC+Communication+Plan+-+Full+%28Jan+2020%29.pdf>

Recommendations

| Date (Newest first) | Recommendation | Suggested Motion (if applicable) | Outcome |
|---------------------|------------------------|------------------------------------|---------|
| Next OISC | Have robust draft 2020 | Approve to post with (minor) edits | Vote of |



| | | | |
|------------------------|------------------------|--|----------|
| meeting (June 2021) | Annual Report to share | | approval |
| | | | |

Requests

| Date (Newest first) | Request | Outcome |
|-------------------------------|--|--|
| Request will be emailed soon. | Please respond to request to submit your organization or networks' 2020 accomplishments. | Content for draft 2020 Annual Report that will be shared at June 2021 meeting. |
| | | |



Outline Brainstorm for OISC Primer Launch

What: Primer Launch Webinar

When: During NISAW Part II (May 17-22)

- Tuesday, May 18th. 9am-10:30am (?)

Summary: Webinar that introduces the primer, sets stage for upcoming regional webinars and provides opportunity to engage and activate networks.

Introduction & Overview (15 minutes)

- 1) Introduction - OISC role, welcome
- 2) Leg. Participation!?!?!?
- 3) Give the purpose of the webinar
- 4) Many challenges statewide
 - a. Requires strong network of protecting agencies/orgs
 - i. Highlight a few (i.e.- one from each taxa group)
- 5) Outline Pathways Approach
- 6) Regionally specific threats and challenges
 - a. Because each region has unique:
 - i. Ecosystems
 - ii. Partner groups
 - iii. Cultural components
 - iv. Economics/resources
 - v. Threat position on inv. curve
- 7) But, in general:
 - a. (Bring in economic impacts pages)
 - b. Many variables in mgmt. process, including policy
 - i. Highlight a few policies, briefly
 - ii. Identify broad future policy needs

Three Stories? (45 minutes) no questions from attendees.

- Expanded presentation on moss ball response
 - Who? How many presenters?
- Oregon Pest Detection Program? (Wyatt?)
- EAB delisting and subsequent state response?
- Spotted lanternfly?

Panel follow-up & Q/A (30 minutes)

- Incorporate more network partners for this

Wrap Up (5 min)

- Network Opt-In
- Jim Seeley Award - nominations open

2021 Governance Committee Report

April 19, 2021

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To: Oregon Invasive Species Council

From: Troy Abercrombie, 2021 OISC Vice-Chair

Current Committee Membership see:

<https://www.oregoninvasivespeciescouncil.org/committees-workinggroups>

Activities Report

| Committee Charge / Activities | Status Report |
|-------------------------------------|---|
| Bylaws Update | Ongoing, no recommendations/decisions for April general meeting. Multiple updates and suggestions from committee members. |
| Development of Operating Procedures | Ongoing, early draft stages. MOU will/may influence when finalized. Draft “org chart” being developed. |
| | |
| | |

Summary of Accomplishments:

The Governance Committee continues to consider revisions and additions to the council bylaws with special attention given to those bylaws that may be more effective/appropriate as an OAR, if any. Revised “Committees” section in draft form that will outline process for committee task delegations, operating procedures and committee-recommended council actions with special attention given to compliance with public meeting requirements.



Suggestions for Future Consideration:

Recommendations and Requests

No suggestions/recommendations for April 2021 meeting.

| Date (Newest first) | Recommendation or Request | Suggested Motion (if applicable) | Outcome |
|------------------------|------------------------------|----------------------------------|---------|
| | | | |
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2021 Education & Outreach Committee Report

April 21, 2021

Purpose: This report serves as a summary and synthesis of approved Oregon Invasive Species Council (OISC) committee and working group activities, a reporting of the status of activities to the full OISC membership, and documentation of the Committee's recommendations for decisions by a quorum of Council members. The report is updated throughout the year and provided to the OISC as a new, dated version.

To: Oregon Invasive Species Council

From: Sam Chan

Current Committee Membership see:

<https://www.oregoninvasivespeciescouncil.org/committees-workinggroups>

Activities Report

| Committee Charge / Activities | Status Report |
|---|--|
| Work collaboratively with the Communications Committee | The Communications and Education and Outreach Committees have worked collaboratively through joint working meetings. This has been an efficient and effective joint venture. Completed arguably the first of its kind "The OISC outreach tool "Invasive Threats and Opportunities" A Primer for Oregon Policy Makers" |
| Evolve game plan for outreach and education grants | <p>ODA and Chair Boatner proposed a plan to set aside funds that would rollover into next biennium to bring back 20% of the outreach & education grant funds to be distributed in Summer/Fall 2021 for FY 21-23. This idea needs to be approved by the full OISC.</p> <p>Council Considerations on effective strategies to advance and support education and outreach needs with restitution of 20% (\$20,000) :</p> <p>1) Fund one or two of the highest ranked (from</p> |



| | |
|---|--|
| | <p>the review panel) proposals from the 2019-2020 RFP.</p> <p>2) Spread the funds to more of the top rated projects through partial funding. Will funding a part of a project still reflect its high panel ranking?</p> <p>3) Have a new request for proposals on Education and outreach reflecting smaller awards \$2500-\$5000?</p> |
| <p>What is in a name? Awareness and critical thinking on the use of common names for invasive species with race and country.</p> | <p>Evaluating what actions can we as invasive species professionals take to use common names that are more effective for describing invasive species characters and impacts that move beyond potential negative connotations towards race and country.</p> <p>1) How can the OISC be more effective reflecting on its activities to incorporate the values diversity and ways we can minimize unintended prejudice</p> <p>2) supporting OSU/PSU/UW? Op-Ed publication for a professional journal on ways to move beyond t unintended negative connotations through use of common names invasive species with race or country</p> <p>3) an OISC working group and considerations moving towards the use of common names for invasive species without race associations. To discuss next steps to bring back to the OISC and share with WISC in the hopes that we can align with their next steps.</p> |
| | |

Summary of Accomplishments:
Publishing Primer

Suggestions for Future Consideration:



Recommendations or Requests

| Date (Newest first) | Recommendation or Request | Suggested Motion (if applicable) | Outcome |
|------------------------|------------------------------|-------------------------------------|---------|
| | | | |
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2021 Strategic Plan Update Working Group Report

April 21, 2021

Purpose: This report serves as a summary and synthesis of approved Oregon Invasive Species Council (OISC) committee and working group activities, a reporting of the status of activities to the full OISC membership, and documentation of the Committee's recommendations for decisions by a quorum of Council members. The report is updated throughout the year and provided to the OISC as a new, dated version.

To: Oregon Invasive Species Council

From: Jas. Adams

Current Committee Membership see:

<https://www.oregoninvasivespeciescouncil.org/committees-workinggroups>

Activities Report

| Committee Charge / Activities | Status Report |
|-------------------------------|---|
| Strategic Planning | <p>Change of approach for pending update of Statewide Action Plan:</p> <ul style="list-style-type: none"> ● Statewide Strategic Plan Implementation: Evaluation of Status & Needs (Big Picture) <ul style="list-style-type: none"> ○ Timeline: Information to May Executive Committee, Draft to OISC at June 2021 meeting. ○ Outcome: 1st Implementation Status & Needs Report published June 2021, including targets for continued progress, updates, and reporting. ● Network Engagement: Ongoing input and sharing of information <ul style="list-style-type: none"> ○ Partnership effort with the Communications Committee to engage with network in various ways ○ Add flexible information sharing options to the OISC website including an upload option for program reports |



| | |
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| | <p>or other information resources, access to view status and needs (via air table) and a form to provide input on status/needs, successes, challenges, opportunities and gaps to advancing strategic objectives.</p> <ul style="list-style-type: none"> ○ Timeline: In progress, TBD with Communications Committee ● Species Information Hub <ul style="list-style-type: none"> ○ Partnership with the working group to collect information at a species and pathways level. This information collection will allow for easier review of available information resources and assess gaps. ○ Timeline: In progress, target deadlines TBD with the Working Group |
|--|--|

Summary of Accomplishments:

- Providing options to adapt the process based on the needs of council members.
- Uploading all strategic plan information to airtable

Suggestions for Future Consideration:

Recommendations or Requests

| Date (Newest first) | Recommendation or Request | Suggested Motion (if applicable) | Outcome |
|---------------------|--|----------------------------------|---|
| April 21, 2021 | Review airtable screenshots & updated approach | n/a | Send feedback to Jas. Adams as information moves forward to the executive committee |
| | | | |



| <input type="checkbox"/> | Implementation Measures | Objective | Status - I... | Status Summary | Needs |
|---|---|-------------------------|---------------|-------------------------------|-----------------------------|
| STATUS - IMPLEMENTATION Completed Count 2 | | | | | |
| 1 | V.v Amend statutes governing OISC membership to add additional... | V. COORDINATION & L... | Completed | | Update Plan |
| 2 | --V.m repeat (delete) | V. COORDINATION & L... | Completed | | Update Plan |
| + | | | | | |
| STATUS - IMPLEMENTATION In Progress Count 32 | | | | | |
| 3 | V.a Develop the Oregon Invasive Species Council website as a use... | V. COORDINATION & L... | In Progress | | Collect Information for ... |
| 4 | IV.h Compile and share data on social, environmental, and econo... | IV. EDUCATION & OUT... | In Progress | | Collect Information for ... |
| 5 | II.o.Compile and assess species-specific information along differe... | II. EARLY DETECTION ... | In Progress | | Collect Information for ... |
| 6 | III.f. Investigate and compile information about the economic impli... | III. CONTROL & MANA... | In Progress | | Collect Information for ... |
| 7 | IV.f Compile, assess, and refine culturally and geographically-rele... | IV. EDUCATION & OUT... | In Progress | | Collect Information for ... |
| 8 | V.c Develop a collaborative online hub for management efforts inc... | V. COORDINATION & L... | In Progress | | Collect Information for ... |
| 9 | V.b Inventory available invasive species information and assess for... | V. COORDINATION & L... | In Progress | | Collect Information for ... |
| 10 | III.k. Coordinate between restoration / conservation entities and in... | III. CONTROL & MANA... | In Progress | | Collect Information for ... |
| 11 | IV.e Coordinate between outreach and education partners to lever... | IV. EDUCATION & OUT... | In Progress | | Collect Information for ... |
| <input type="checkbox"/> | I.p. Coordinate shared regional messaging. | I. PREVENTION | In Progress | | Collect Information for ... |
| 13 | I.a. Identify pathways and assess the cost/benefit ratio of preventi... | I. PREVENTION | In Progress | Multiple state and federal... | Collect Information for ... |
| 14 | V.q Utilize information from network and working groups to develo... | V. COORDINATION & L... | In Progress | | Collect Information for ... |
| 15 | I.m. Develop and research best management practices for use by ... | I. PREVENTION | In Progress | | Collect Information for ... |
| 16 | I.k. Identify best management practices (BMPs) that are effective. | I. PREVENTION | In Progress | | Collect Information for ... |



2021 Worst List Working Group Report

April 19, 2021

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To: Oregon Invasive Species Council

From: Nikki Brooks & Roy Marler, Co-Chairs

Current Committee Membership see:

<https://www.oregoninvasivespeciescouncil.org/committees-workinggroups>

Activities Report

| Committee Charge / Activities | Status Report |
|--|--|
| Transition list → searchable database | In progress |
| Publishing approved content : considered all to be some level of priority, but need a way to phase in publishing of updated information. | <p>The group has been gathering information for species of concern in a phased approach. The group would like the OISC to consider which species to publish first to start getting the updated content online such as:</p> <ol style="list-style-type: none"> 1) Recent Alert Species 2) Rapid Response Species - What to "Watch For" of species that have been detected, are currently spreading from containment, and/or are transported via a high risk pathway of concern now 3) The rest of the list - all priorities! 4) Recruiting local priorities to be added to the list |
| Identifying Recent Alert Species | |

Summary of Accomplishments:








Suggestions for Future Consideration:

Recommendations or Requests

| Date (Newest first) | Recommendation or Request | Suggested Motion (if applicable) | Outcome |
|------------------------|--|----------------------------------|---------|
| 4-21-21 | <p>The group would like to suggest an official re-naming of the list from "Worst List" to one with less fear factor and more descriptive language.</p> <p>Option: "Species of Concern" list that is maintained by the Oregon Invasive Species Council.</p> | | |
| 4-21-21 | <p>Review current list of species identified as "active alerts" & send feedback to Nikki Brooks</p> | | |
| 4-21-21 | <p>Recruiting taxa experts for review!</p> | | |

Current list of "Recent Alerts" Species:



| <input type="checkbox"/> | A Common Name (s) ▾ | ≡ Species Name ▾ | ≡ Species Descript... ⓘ ▾ | ▼ List Status ▾ | 📷 Photos ▾ |
|--------------------------|------------------------------|----------------------------------|-------------------------------|--------------------|---|
| 1 | Zebra mussel | <i>Dreissena polymorpha</i> | Aggressive freshwater inv... | Review in Progress |  |
| 2 | Emerald ash borer | <i>Agrilus planipennis</i> | Colonizes and kills health... | Review in Progress |  |
| 3 | Asian Gypsy moth | <i>Lymantria dispar asiatica</i> | Defoliators of mainly deci... | Review in Progress |  |
| 4 | Light brown apple moth | <i>Epiphyas postvittana</i> | Attacks more than 120 pl... | Review in Progress |  |
| 5 | Spotted lanternfly | <i>Lycorma delicatula</i> | Native to Europe and Asia... | Review in Progress |  |
| 6 | Giant hornet, Asian Giant... | <i>Vespa mandarinia</i> | | Proposed Addition | |
| 7 | Apple maggot | <i>Rhagoletis pomonella</i> | | Proposed Addition | |
| + | | | | | |

