



Benton County CWMA Meeting - Agenda

Monday, January 7, 2019

9:30 am to 12:00 pm

Location: [Firestation # 5, Walnut Community Room](#)

In Attendance: Heath Keirstead (BSWCD), Laura Brown (BSWCD), America McMillin (City of Corvallis P&R), Scott Youngblood (OPRD), Lucas Hunt (WIN), Amy Kaiser (NRCS), Bruce Kelpsas (retired from Ag Chem industry), Ted Hart (City of Corvallis PW), Patrick Hayden (ODFW), Colin Tierney (ODFW), Beth Myers-Shenai (ODA), Jean-Paul Zagarola (BEF), Peter Kenagy (Farm Bureau), Jennifer Ward (City of Corvallis PW), Cindy McCain (AFRANA), Glenn Miller (ODA), Tom Kaye (IAE), Andy Neill (IAE), Cris Salazar (Calapooia WC)

Recap of ODA Noxious Weed Symposium (Glenn Miller & Beth Myers-Shenai, Oregon Department of Agriculture Noxious Weed Control Program):

- John Wagner from East Multnomah SWCD takes graphic comic meeting notes and received a special award for helping to illustrate biocontrol
- Updates from State and Federal partners
- Highlights from ODA staff
- Yellow Floating Heart Updates
 - Found in Umpqua National Forest at sites way back in. Appears that sticky seeds are being transported by ducks/birds on their legs and feathers.
- Technology Updates
 - Pesticide application with drones (unmanned aerial vehicles) with videos show how it works
 - Licensing has caught up with available technology
 - Applicators must have aerial application license
 - Cost \$27,000-\$31,000 if you want to do it yourself and to get everything you need.
 - Rates are unknown at this point. Quote for 500 acres for imaging would be \$4000-\$5000.
 - One drone applicant is navigating the aerial application license process so far
 - One person on the east side of the stat has a license for aerial application
 - Coming out with some programs to use special analysis to fly over an area for color spot mapping so you can come back in and hit individual plants based no color analysis
 - We can now detect E-DNA in water sample, for species that have been mapped out ahead of time – currently looking for fish, macroinvertebrates, and aquatic plants. If they detect the DNA, they can determine presence/absence or estimate size populations in an area
- In a rush to do restoration, we may do more harm than good by introducing things that shouldn't be there and altering the environment to a point that it cannot go back.

- Tim Miller (Washington State University) gave a presentation on controlling yellow archangel with a combo of glyphosate and triclopyr.
- Discussion by Oregon Tilth about how organic operations can better control their weeds to be better neighbors. Oregon Tilth doesn't define the buffer, growers define the buffers themselves.
- Recommendation to use Agridex as surfactant... a few others are low threshold too.
- Biocontrols
 - Rust fungus is available for Canada thistle... specialized in Colorado and large stands would benefit from this biocontrol. Mow early fall, get some regrowth, then inoculate. If the rust is present, it smells really floral (distinct pleasant odor).
 - Sap sucking syllid is going to field trials this summer for Japanese knotweed.
 - Marys River may have a site in this trial
 - Garlic mustard has an agent that is 3-5 years out.
 - One population in Polk County. None to speak of in Benton County.
 - Research for biocontrol on Ludwigia. Not in testing phases here. Research is currently in California.
- Education and Outreach Talks
 - Gorse Action Network on southwest coast. Frontage Road along Highway 101 has a number of plots to show what happens when using different kinds of control methods and shows what works and what doesn't work. Some more professional types of control options are located towards the back of the plot (can arrange a tour)
 - Solvepestproblems.org will be a great resource for science-based options on Integrated Pest Management of a wide variety of pests, biology, and control. Maybe will have a section for professional control options in the future.
 - Columbia Gorge CWMA has boot brushing stations and has used them as an outreach project
 - Cheryl Howard presented on "Let's Pull Together" and talked about having big events – fun with beer and music etc.
- Next Interagency Noxious Weed Symposium will be in 2020.

Updates from ODA (Glenn Miller & Beth Myers-Shenai, Oregon Department of Agriculture Noxious Weed Control Program), plus Q&A – *10 minutes*

- **Weed Free Gravel Certification Official program has been started.** Last year about this time, agricultural commodity program started a certification, so the two groups got together. Going to gravel pits and looking at the operation and determining if they weed free at the correct time, looking at stock piles, etc. Yearly recertification process. The longer they stay with the program the more likely that they are propagule free. Does not cover alluvial operations. Kevin Bailey is running the operation and making decisions about what kinds of gravel quarries are eligible for certification. Quarries were asking for certification based on federal push. Some counties have programs, they may opt in to the state program.
- **WeedMapper call for data.** Beth is in an open call for data please send any data her way- spreadsheets, database, shape files. Would like them all in by the end of January.

- **South American sponge weed.** ODA listed this plant 1-2 years ago after seeing a powerpoint by California person. It has been found in an irrigation canal in Long Beach area of WA by Peter Zeeka. It is overwintering. This plant is as bad as Ludwigia and may inhabit deeper waters. Overwintering stage is the size of duckweed. Doesn't do much until July-August, when it goes crazy. Spongy leaves. The native one is native to the northeast of Oregon so could be invasive over here too. Very thick and expensive to control. It's a floating plant, but dense so you get top to die then next layer down grows. Ducks spread it. Huge problem in Sacramento river delta.

Outreach & Education (partner discussion) –

- **Let's Pull Together! 2019 planning– 15 minutes**
 - *Overview of Let's Pull Together Event- various sites, various partners, looking for additional site hosts*
 - *Sites & Site Co-hosts/Hosts*
 - *Timeline and Next Steps- Laura will send out emails to gather info/commitment*
- **Other workshop options – 15 minutes**
 - **Landowner Herbicide Application-** partner with Coastal Farm and Ranch, Wilco, Home Depot- regulatory- no license required to calibrate equipment, need someone with training in making recommendations. Ask ODA to help find someone who has the right qualifications. Find out sideboards on what you can say and what not to say. Check with Wilbur Ellis. Could be bundled in to an OSWB grant. Reach out to Wilco they have certified agronomists. Potentially do it in their parking lot. Could try 1-2 events and see how it goes then expand if it goes well. Target rural residential and small landowners. Target outreach to landscape community- lots of ESL speakers.
 - **Ivy Removal-** Doing an ivy removal workshop to explain the issue and how to manage it. Will move forward through the WMC but this organization would be a great partnership platform.
 - **Let's Plant Together-** when would be a good time? Getting restoration plantings done. Any sites? Group of 20-30 people. IAE does planting events. Advertising that through the CWMA would be a good thing. Focus has shifted at IAE in the last few years. They used to get an AmeriCorps crew to do the planting, now challenging to find housing. Working with different organizations to get volunteers. This lines up for IAE. September public lands day? First or 2nd Saturday in November? Friends of Trees has a hierarchical system; consider adding a middle level of management.

Species List - any new species to watch for in Benton County? (Partners) –

- **South American Sponge Weed.**
- **Rosa Multiflora - white rose**
 - Scott Youngblood's area has expanded. Rosa Multiflora - white rose - it's at Luckiamute, and Adair village- everywhere. Poor soil, wet feet, the rose does really well. Scott's area extends to the Columbia. He has no good place to wash his equipment- tractors, mowers. Colin and Scott will connect later.

Funding Options - federal government is still shut down. NFWF - don't know what the focus is this year. BLM Noxious Weed Management Program - no info at this point. Laura will keep us updated.

Partner Updates

- **Laura Brown (BSWCD WMC)** 2019 OSWB grant application through CWMA: more Paddle and Pull outreach events, Ludwigia treatment site monitoring and water quality monitoring through USGS, PSU will look at vegetation monitoring post Ludwigia treatment. Another aquatic weed outreach workshop this spring. One more workshop for 2018 ODA grant for resource practitioners, working with Matt Mellenthin to provide overview of how they treat Ludwigia, will be held in June. This year, we were able to get rid of yellow floating heart successfully at Horseshoe Lake in Benton County. Successful treatment used Imazamox at Horseshoe Lake used at end of 2017. No regrowth in 2018. Will check again in 2019. Homeowners Assn will need to continue to treat their detention pond that feeds into Horseshoe Lake. Yellow Floating Heart was successfully pulled at two EDRR sites in Willamette River.
- **America McMillin (City of Corvallis Parks and Rec)**-Japanese knotweed stand found. Injected late summer, 60% glyphosate injection. Floated from Peoria to Michaels Landing. Found one bunch of yellow flag iris, may have come from just off the Marys. IAE working at Herbert Farm extensively. Public Works has been doing a lot too.
- **Cris Salazar- (CWC)** Truax site prep second year starting now. Planting 40 acres. Bowers Rock is fully funded. Government shut down is slowing down the funding on Bowers Rock; funded by BPA (federal agency).
- **Cindy McCain (AFRANA)** working mainly on Marys Peak with IAE and City of Corvallis- mostly Scotch broom on lower road. BLM took care of some of it last year. Has been throwing volunteers at the site. Continuing to work to keep the prairies open. Hard to get people excited about killing baby Doug fir trees though.
- **Peter Kenagy- (Farm Bureau)**- 2013 Lane County. He thinks we still need to push for Weed Control Board in Benton County. Until we can get there, we are just spinning our wheels. Peter will start communicating with Pat about the Weed Board. He hopes to see that happen. Tom Kaye and Laura Brown would like to meet with Pat and Peter too.
- **Jean Paul Zagarola (BEF)**- 5 years of knotweed control, 6-7 years on upper Luckiamute. 45 stream miles this year. Did not eradicate fully this year, but have good control. Observation: have probably reduced biomass 95% since project originally started. J-P has befriended the person working on biocontrol at OSU. One of the biodynamic farmers has agreed to try biocontrol. If there is a regional approach, he would like to collaborate. Look at doing every other year or something like that. Has anyone had success not treating it every year? Glenn says every other year is standard practice. Glenn says he remembers what the Luckiamute looked like before this project and he thinks this is the most successful knotweed project in Oregon.
- **Scott Youngblood (OPRD)**- Scott says the knotweed is coming from Middle Fork and McKenzie- Lost Creek Trib and Middle Fork- huge patches. Harrisburg downstream to Corvallis, only two patches that Scott has treated. DSL Island, there is a patch as big as this room. Scott has been working on those 2 patches. Now that his territory has expanded, he treated all the way to Independence. He is having a hard time getting to a patch by Peter's. Also hitting all the purple loosestrife along the way. Maybe this year go Independence to Salem.
- **Glenn Miller (ODA)**- he is winding down his career. Will be around a little bit to work on fun projects with Beth and Scott. Will get involved with Coast Fork Watershed Council, that river is vulnerable to weeds coming downstream. Yellowfloating heart patch at least 3 acres actively producing seeds, large golf course adjacent to it, pulling

water out of mouth of river just downstream of the patch near Eugene. Don't want to irrigate a golf course lawn with herbicide! ProcellaCOR applicators- not available except to government types. Could help with the golf course situation because you can irrigate with that treated water. OSWB grants just came in, will be hashing out funding allocations. Budget is very challenging. Should be retired this spring.

- **Bruce**- has projects around the house.
- **Beth Myers-Shenai (ODA)**- look for a job opening soon to work with Beth as an ODA noxious weed specialist. The state is transferring to a new HR system. Budget wise, they had an aquatic weed specialist position but it did not make it into the governor's budget. ODA is in competition with Water Quality program, which is getting a higher priority from administration. Pesticides has also been getting more positions. Weed Program likes to talk about how Ludwigia and other aquatic invasives impact water quality. In the past, OACD and County Organization have gone before the legislature to keep the conversation going. Raising the awareness about impacts of invasive species over all, is the best thing we can all do. It may take a disaster before the funding is allocated to fund. Bill Hansell is a former OSWB member, he is a good ear.
- **Tom Kaye (IAE)**- locally in Benton County, dealing with most is False Brome and pasture invasives- queen anne's lace, scotch broom, etc. Herbert Farm is a big site, Crestmont Land Trust, Marys Peak, Beazell, and other sites in the Willamette Valley – Champoeg, high elevation meadows, and at the coast. Issues faced lots of commonality.
 - Restore Net. Effort to do a restoration experiment at many sites. A replicated experiment that does have some treatments. Learning how treatment affects what comes up and how to make restorations more successful, cheaper and take out some of the gamble and high failure rate. If you are doing a restoration and are willing to host a Restorenent plot, and if you can pay a certain amount, then you can be a RestoreNet member. Working on coming up with a plan and would like to bring more people into the design process from outside of IAE. Host 20 sites for 25 years. Every year for five years. Would like to be having the conversation with OWEB and other funders.
- **Amy Kaiser (NRCS)** – in federal shutdown, Farm Bill came out right before the shutdown.
- **Patrick Hayden (ODFW)** - has been working a lot at E.E. Wilson, trying to reclaim from cherries, berries, scotch broom, and out to Yachats, tackling reed canarygrass, and other projects in Willamette Valley.
- **Colin Tierney (ODFW)** – mostly prairie and wet prairie, also working down at Fern Ridge- spraying, mowing and planting. Checked out Coffin Butte and found spurge laurel. Glenn says use Garlon 4 and Capstone. Do March treatments. Seeds last a very long time.
- **Andy Neil (IAE)** – Taylors checkerspot sites- Crestmont Land Trust, Beazell... major invasive is false brome. They reseed and replant with nectar species. Applied for OSWB funds to work on sites that have butterflies. Working on Marys Peak, doing a large restoration project on East Side of Muddy Creek. More changes to come. Starting from an ag field. Biggest concentration is false brome, and keeping other shrubs out.

Thoughts on next meeting?

Should we have another meeting this late winter/early spring or wait until Fall 2019?

- 6 would like to have another this winter

- 1 would like to wait until Fall
- A few are indifferent.

Laura will plan another meeting for this late winter/early spring.

Anything else we would like to hear about?

- Mid-Willamette meeting state forestry invasive person (Wyatt Williams) about bugs coming in. Emerald Ash Borer is moving nationwide. All our ash trees are doomed. He said don't plant any more ash trees. Some researchers are trying to hybridize ash with one variety that is resistant to the EAB. Oregon Parks and Rec Assn- they had a talk about this in October. What trees do we use instead?
- Another topic- relationship between spotted lantern fly and tree of heaven. Might be some funding to develop iNaturalist program to get people marking Tree of Heaven locations. One year lag between listing a plant as invasive and getting nurseries to take it out of their inventory, and if the removal of a plant from nursery trade would cause a huge economic hit to the nurseries then there are other steps in the quarantine process.

Peter Kenagy- Ludwigia is a bit of a lost cause on the Willamette. It is showing up on the Santiam. Is there a way to protect the Santiam – redirect resources there- if there is a chance to protect that waterway? Beth says that is how ODA is thinking. WAIN put forth the grant to work on YFH in upper reach, and come up with a strategic plan for working on the Willamette and work on higher priority weeds, infestations. Marion SWCD is putting in a grant to survey the Santiam more intensively. Public WAIN meeting will be January 31. Send photos to Beth to start and she can connect in experts if/as needed. Or send it to Laura at BSWCD for ID.