



4-COUNTY Cooperative Weed Management Area

4-County CWMA Mapping & Data Committee Meeting

Wednesday, April 14th, 2021, 8:30am-9:50am

Attendees: Tyler Pedersen (TSWCD), Jeffrey Lee (Metro), Justin Cooley (CSWCD), Lucas Nipp (EMSWCD), Lindsey Wise (PSU), Courtney Gattuso (CSWCD), Jeff Lesh (City of Gresham), Michelle Delepine (WMSWCD)

8:30 Convene/Welcome/Introductions

8:35 Standardized data collection template update and discussion

Tyler Pedersen, All

- In previous meetings, Jeffrey and Tyler sent around a spreadsheet asking partners which data fields to include in the template.
 - The committee has received great feedback from partners on the template.
 - Tyler wonders if it should we have different layers in the template or just one?
 - Multiple layers make the most sense, might be difficult with just one layer. Tualatin SWCD has three different layers on AGOL for treatment, survey no treatment and no species found and this has worked well. Queries can be run to analyze the data, e.g., calculate treatment area by day.
 - Tyler welcomes feedback from the group along the way – the process has been working for the group so far. Justin and Lucas voiced interest in reviewing a mock up of the template when created. The WeedMapper template will likely be referenced and modified, and a file geodatabase developed. Tyler and Jeffrey plan to schedule another working group meeting between now and the July meeting.
 - Involvement is also encouraged from committee members to help develop the template.

8:55 Priority Map update and sharing AGOL usernames

Tyler Pedersen

- Jeffrey and Tyler are in the process of editing the data fields in the priority map
 - Lindsey and Troy have been assisting with hosting the priority map.
- Tyler asked the group to share AGOL usernames and can share the map with the group.
 - Tyler and Jeffrey will ask the listserv for AGOL usernames and can share the map with people that way.
 - Users will need to be apart of an organization to have the map shared with them.

- CSWCD has embedded maps that Jeff made to show weed distributions on the WeedWise Program's BMP webpages.

- Tyler began by introducing the group to the phenology and seasonality graphs on iNaturalist, specifically for Balfour's balsam and Small-flowered jewelweed. Jeff Lesh said it's easier to distinguish the impatiens species when they are flowering, but not before. These graphs can be useful in the field. Lindsey Wise mentioned that they are based on drop down attributes that people fill out. It may be useful to incorporate these graphs in the Call for Data announcement for the future.
- Jeff Lesh asked the group why Japanese hedgeparsley was a Call for Data species. It's not an EDRR weed on the east side of the Willamette where it's well established. Michelle Delepine said that ODA had announced their own Call for Data in 2019 to get more data that could be used to inform their management decisions. Less certainty about west side infestations and distribution. *Torilis japonica* is likely misidentified as *Torilis arvensis* and vice versa. Jeffrey thought it would be a good idea to share more about proper identification tips especially between these two species. He also said in the future we'd like to use an objective process similar to the ODA risk assessment so we can determine the invasiveness and impact of Call for Data species.
- Jeffrey gave an update on new sightings on Call for Data and Priority weed iNaturalist Projects. Two oblong spurge sightings in Washington and Clackamas counties in March and April and one Japanese hedgeparsley sighting in Multnomah County in February.
- Jeffrey and Tyler discussed potential prizes for the data sharing contest. Jeffrey has updated the Call for Data flyer [Call-for-Data 2021 Flyer \(wordpress.com\)](#) and some of the Contest info on the website. There was a low turnout last year, so the goal is to increase participation. If we offer more prizes say top 3 for Call for Data and Priority weeds this might boost submissions. Tyler and Jeffrey could also send out a reminder about phenology throughout the growing season, so people know what to look for and when. Jeffrey emphasized that while we want to build interest in submitting data, our top priority for getting more partners involved and collecting data is through developing the standardized data template. Prize ideas include:
 - Botany book for beginners (Botany in a Day; \$18.89 on Amazon [Botany in a Day: The Patterns Method of Plant Identification: Thomas J. Elpel: 8601400138540: Amazon.com: Books](#))
 - Botany book for experts (Oregon Flora Volume II; \$85 on [OregonFlora OregonFlora Store](#))
 - Digital (Avenza map app purchase \$5) or physical map of Mount Hood National Forest (\$14) [Mount Hood National Forest Map: DiscoverNW.org](#) or [Mt. Hood National Forest - Maps & Publications \(usda.gov\)](#)

- iNaturalist swag (hats, T-shirts, iPhone case, etc.; \$20-\$25) [iNaturalist Store – iNaturalist at the California Academy of Sciences](#)
- Caricature illustration of the winner from the talented Jon Wagner at EMSWCD
- Free Pull Together registration for 2022
- Camera lens for iPhone or Android

Tyler floated this in front of the Steering Committee and they are on board. Budget would be between \$150 to \$200.

9:45 Upcoming free mapping and data live webinars + recordings

Jeffrey Lee

Jeffrey provided an update on upcoming mapping and data webinar opportunities. Please see below and on next page for complete list with weblinks.

9:50 End – Thank you for participating!

Next Mapping & Data Committee Meeting

July 14th, 2021; 8:30-9:50am (Remote teleconference meeting)

Upcoming FREE Mapping & Data Tutorials/Learning Opportunities

EVENTS & TRAININGS – Mark your calendars!

- **City Nature Challenge 2021 - Greater Portland-Vancouver Metro Area** (virtual event)
 - The City Nature Challenge is a community-science event to observe and document as many plants and wildlife as possible in a 4-day period. People participate from around the world, and this year is the first time that the Greater Portland-Vancouver Metropolitan Area will be participating!
 - **Dates:** Thursday, April 30, 2021 - May 3, 2021
 - **Project Page:** <https://www.inaturalist.org/projects/city-nature-challenge-2021-greater-portland-vancouver-metro-area>
- **Learn ArcGIS** - Provides story-driven exercises and activities to teach GIS to users of all ages. No matter who you are — from children to adults, students to professionals, government workers to individuals contributing to their local communities—Learn ArcGIS has hundreds of real-world workflows to guide and engage you. Includes access to FREE SOFTWARE. <https://learn-arcgis-learn.org/>
 - **“Enter data faster and more accurately in Survey123”** - Explore the different ways you can improve the quality and speed of data collection with Survey123. <https://learn.arcgis.com/en/paths/faster-and-more-accurate-data-entry-in-survey123/>
 - **“Go beyond point data in Survey123”** - Explore the different types of data you can collect with Survey123. <https://learn.arcgis.com/en/paths/beyond-point-data-in-survey123/>
 - **“Try data collection in ArcGIS Field Maps”** - Create a map for data collection and use Field Maps to configure the map and capture data in the field. <https://learn.arcgis.com/en/paths/try-data-collection/>
 - **“Understand the power of data for mapping populations”** - Introduce yourself to the wide range of capabilities provided by ArcGIS applications for population mapping. <https://learn.arcgis.com/en/paths/understand-the-power-of-data-for-mapping-populations/>
 - **“Data management in ArcGIS Online”** - Create, store, manage, and share spatial data using

DIGITAL BOOKS

- **Invasive Species Threats & Opportunities: A Primer for Oregon Policymakers** (2021, Oregon Invasive Species Council)
 - <https://www.oregoninvasivespeciescouncil.org/threats-and-opportunities-primer>
- **Inventory and Survey Methods for Nonindigenous Plant Species** (2006, Montana State University. Center for Invasive Species Management)
 - http://msuinvasiveplants.org/documents/archives_cism/Inventory_and_survey_methods.pdf

MAPPING INSPIRATIONS

- **Garlic Mustard through the years. Check out how JCWC has helped root out this weed!** (Johnson Creek Watershed Council)
 - <http://www.jcwc.org/garlic-mustard-through-the-years-check-out-how-jcwc-has-helped-root-out-this-weed/>
- **Emerald Ash Borer StoryMap** (USDA APHIS)
 - <https://www.aphis.usda.gov/aphis/maps/plant-health/eab-storymap>
- **East Fork Knotweed Control Partnership StoryMap** (Clark Public Utilities)
 - <https://storymaps.arcgis.com/stories/79cd4d71f0914dfe856063431d29297d>
- **Western Redcedar Pilot Project** (Forest Health Watch Program)
<https://foresthealth.org/map/>