



# Oregon's Worst Invaders

## Tour of Air Table

Recommendation from the Worst List Working Group

Oregon Invasive Species Council Meeting

February 24, 2021

# Oregon's Worst Invaders List

## WORKING TOGETHER TO KEEP THESE WORST INVADERS OUT

Keeping them out of our state (or limiting their expansion if they're already here) is a priority that protects our water, wildlife habitat, working landscapes, and the unique beauty of our state for future generations.

## ABOUT THE WORST INVADERS LIST

Thousands of invaders could qualify for listing. To be added to Oregon's Worst Invaders list of invasive species, the invader must be:

- non-native to Oregon
- absent from the state or limited to a small, contained range within the state
- deemed a threat to the environment, economy, and/or human health

## IN CREATING THIS LIST, THE OREGON INVASIVE SPECIES COUNCIL WEIGHS FACTORS SUCH AS:

- the risk to human health
- the impact of the species in habitats similar to those found in Oregon
- the likeliness of the species to cause significant economic loss
- the difficulty other regions have had eradicating the invader
- the capacity for the species to spread in Oregon

Oregon's Worst Invaders List has evolved from the OISC's '100 Worst' list that was historically updated annually via deliberation between council members.

[VIEW/DOWNLOAD THE WORST INVADERS LIST](#)

To view/download the History of Edits to the Worst Invaders List, [click here](#).

| Invader  | Category       | Notes   | Health Impacts | Econ Impacts | Native habitats Impacts | Status | Pathways                 | I: Prevent | II: EDRR | III: C&M |
|--|----------------|---|----------------|--------------|-------------------------|--------|--------------------------|------------|----------|----------|
| alder root rot<br><i>Phytophthora alni</i><br>subsp. <i>alni</i> | Microorganisms | A recently hybridized soil and waterborne pathogen causing root and collar rot of species of alder that once introduced, spreads naturally with streams, floods, and other drainage water.  | No             | No           | Yes                     | N      | nursery and garden trade | x          |          |          |
| annual ryegrass toxicity<br><i>Rathayibacter toxicus</i>         | Microorganisms | A bacterium that requires a nematode vector to initiate gumming disease in plants. It produces a number of toxins that are lethal to animals that ingest contaminated fodder. If detected in OR, a stringent federal response would result. | Yes            | Yes          | No                      | N      | seed trade               | x          |          |          |
| bacterial blight of grape<br><i>Xylophilus ampelinus</i>         | Microorganisms | A destructive disease of mostly table grape cultivars.  | No             | Yes          | No                      | N      | nursery and garden trade | x          |          |          |

Current Worst List format - static table

# Background

- **January 2020: working group formed**
  - Discuss purpose, use and audience for the worst list
  - Review previous edits and format of the publication
  - Identify who needs to review and provide feedback/recommended updates
  
- **Prioritized “information hub” concept**

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*Working Group Members: Nicole Brooks, Roy Marler, Noel Bacheller, Rick Boatner, Olivia Duren (2020), Eugene Weir (2021), Josh Emerson, Chuck Fisk, Jen Poirier, Michelle Delepine, Sam Chan, Cheryl Shippentower, Cat de Rivera*

# Objectives

1 - A queryable/sortable cross-taxa species information hub to support implementation of **statewide strategies** that elevates established efforts and the expertise of our invasive species network (rather than re-inventing something new) and identifies and/or fills gaps in available information.

*Goals Presented to the OISC at October 2020 Meeting*

# Objectives

**2 - Effectively communicate key information** that demonstrates the significance of invasive species threats, their status in Oregon and means of conveyance into or within the state to support management and policy development

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# Objectives

**3** - Provide easy access to information that is based in expertise, but as unbiased as possible, and **useful to a variety of stakeholders to organize, prioritize, and make decisions** about management, programs, detection etc.

*Goals Presented to the OISC at October 2020 Meeting*



**Airtable**



**Oregon Invasive Species Base**

HELP ?

Worst List Species Overview | Approved Edits History | Proposed Edits | Programs | Contacts | Documents | Locations | EcoRegions | Pathways | [SHARE](#) | [AUTOMATIONS](#) | [APPS](#)

VIEWS | Full Grid | 3 hidden fields | Filter | Group | Sort | Color | Share view

| Find a view                    | <input type="checkbox"/> | Common Name (s)                            | Species Name        | Description  | Last Modified | Worst List Status     | Photos | Taxa Category              |
|--------------------------------|--------------------------|--|---------------------|--|---------------|-----------------------|--------|----------------------------|
| Stacked - Status               | <input type="checkbox"/> | Common Frogbit<br>Hydrocharis morsus-ranae |                     | Aquatic floating plant similar to water lilies. ...        |               |                       |        | Plants                     |
| Full Grid                      | <input type="checkbox"/> | dense-flowered cordgrass                   | Spartina densiflora | Highly aggressive invaders that significantly alter bot... |               | On List - In Progress |        | Plants                     |
| Grid 2                         | <input type="checkbox"/> | snakeheads                                 | Channa spp.         | A voracious top-level predator, found in muddy ...         |               | On List - In Progress |        | Vertebrates                |
| Grid 3                         | <input type="checkbox"/> | Salmon Anemia Virus                        |                     | Fish most susceptible to Infectious Salmon Anemia...       |               | Removed from List     |        | Microorganisms, Fungi, ... |
| Form                           | <input type="checkbox"/> | Argentine ant Linepithema humile           |                     | Displaces native ants and has community-wide ...           |               | Removed from List     |        | Invertebrates              |
| Gallery                        | <input type="checkbox"/> | marbled crayfish or "marmorkrebs"          | Procambarus sp.     | Alter basic wetland properties, such as ...                |               | On List - In Progress |        | Invertebrates              |
| Grouped by "Worst List Status" | <input type="checkbox"/> | bean plataspid (kudzu bug)                 | Megacopta cribraria | An invasive pest first noticed in GA in 2009 an...         |               | On List - In Progress |        | Invertebrates              |

*Pulled the worst list spreadsheet into an air table "base" :  
part spreadsheet, part database*

# Benefits

## ACCESSIBLE

- Ease of Use
- Easy to Access

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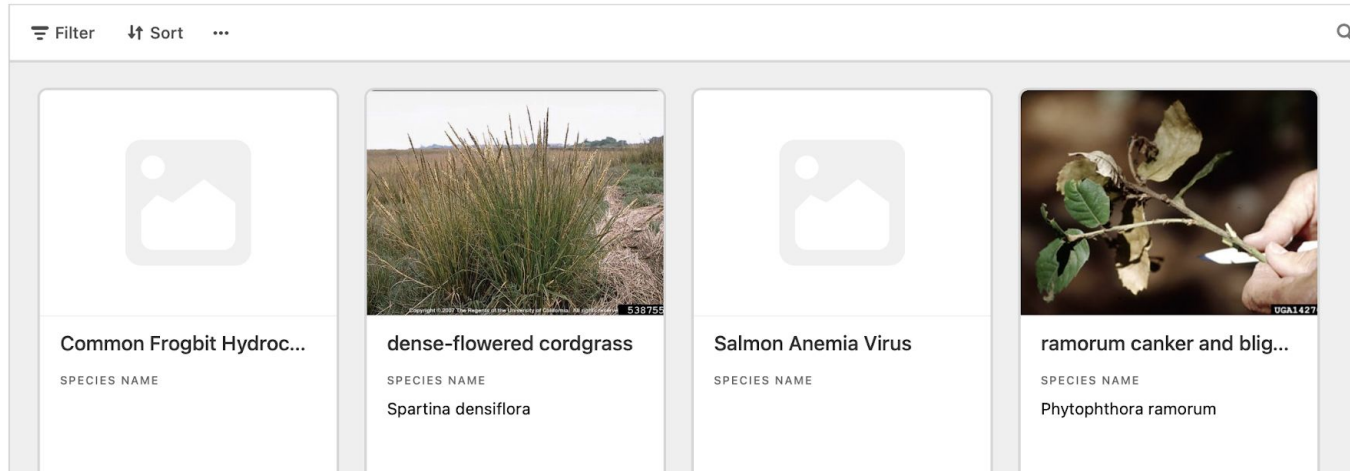
## CONNECT

Could be connected to other efforts such as:

- Network opt-in
- Strategic planning

## AirTable Test Page

### Gallery View



The screenshot shows an AirTable gallery view with four cards. Each card has a header with 'Filter', 'Sort', and a search icon. The cards are:

- Common Frogbit Hydroc...**  
SPECIES NAME
- dense-flowered cordgrass**  
SPECIES NAME  
*Spartina densiflora*
- Salmon Anemia Virus**  
SPECIES NAME
- ramorum canker and blig...**  
SPECIES NAME  
*Phytophthora ramorum*

<https://www.oregoninvasivespeciescouncil.org/worstlist-testpage>

Password: airtable

# Simple pricing

|                                      | FREE                       | PRO  |   |
|--------------------------------------|----------------------------|--|---|
|                                      | Essential features         | Power of Pro for small teams   | Comprehensive collaboration   |
|                                      | <b>\$0</b><br>user / month | <b>5-SEAT STARTER PACK</b><br><b>\$6</b><br>\$29 for 5 users / month<br>billed annually<br><a href="#">Upgrade</a> | <b>\$20</b><br>user / month<br>billed annually<br><a href="#">Upgrade</a> |
|                                      |                            | <b>Most Popular</b>  |   |
| <b>Bases</b>                         | Unlimited                  | Unlimited  | Unlimited   |
| <b>Records per base</b>              | 1,200                      | 50,000   | 50,000  |
| <b>Attachment space per base</b>     | 2GB                        | 20GB   | 20GB  |
| <b>Revision and snapshot history</b> | 2 weeks                    | 1 year   | 1 year  |

Pay annually  Pay monthly

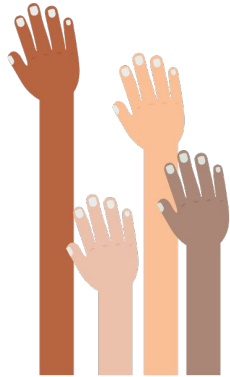
## USAGE

### Bases

**Records per base**

**Attachment space per base**

**Revision and snapshot history**



Questions?