



AQUATIC INVASIVE SPECIES NEWS

10/14/13

DREISSENIID MUSSELS

[1. Oregon Dreissenid Mussel Rapid Response Plan Released \(10/9/13\)](#)

The purpose of this plan is to protect Oregon's waters, aquatic resources, and facilities from the deleterious effects of Dreissenid mussel establishment. This plan serves as a guidance document for natural resource managers to plan for and provide a rapid response effort to a Dreissenid mussel infestation in Oregon waters. This plan is intended to complement the Columbia River Basin Interagency Invasive Species Response Plan: Zebra Mussels and Other Dreissena Species drafted by the Columbia River Basin 100th Meridian Team as well as provide stand-alone guidance should mussels be found in Oregon but outside of the Columbia River Basin. This plan applies to all Dreissenid mussels, although the current focus is on zebra and quagga mussels. Many of the strategies listed herein can be applied to rapid response efforts for other aquatic invasive species (AIS) of concern.

[2. Zebra Mussels are the reason for a cove closure in Truman Lake, MO \(10/3/13\)](#)

A cove in Truman Lake [MO] was recently closed to protect the lake from the spread of the dangerous zebra mussels. Missouri Department of Conservation [MDC] agents closed the cove once they discovered what they knew where zebra mussels that had come from someone cleaning off their boat before putting it into the water. Scuba divers discovered that the mussels were fresh and had not had a chance to multiply yet and were able to treat the area and remove all mussels before they could infect the lake. Conservation agent Tim Banek explains why zebra mussels can be quite dangerous to lakes.

[Editor's Note: MDC reported on 10/7 that the copper sulfate killed all of the test mussels used to determine treatment efficacy. The treatment took place 9/30/13]

[3. Tenmile Lake's new boat wash station to be dedicated on central Oregon coast \(10/9/13\)](#)

The new boat wash station at Tenmile Lake on the central Oregon coast gets dedicated on Tuesday, Oct. 22, at 10 a.m., when the Oregon Marine Board [OMB] convenes its regular meeting the same week in Florence.....

OMB press release can be found [here](#)

[4. Zebra mussels found in Watab Lake, MN connected to Rossier Lake, in Stearns County \(10/3/13\)](#)

Three connected lakes in Stearns County have been designated as infested waters after the Minnesota Department of Natural Resources (DNR) confirmed the presence of invasive zebra mussels in Watab Lake — connected to Rossier Lake — north of St. Joseph. Watab Lake should not be confused with Big Watab Lake south of Avon.....

[5. More Minnesota businesses now required to take aquatic invasive species training \(10/10/13\)](#)

The Minnesota Department of Natural Resources (DNR) is offering additional aquatic invasive species (AIS) training to owners of lake service provider businesses this fall so they can legally work in the state's waters.

[6. Zebra Mussel Not Harmed by Toxins, Invades Freshwaters of Europe, North America \(10/3/13\)](#)

While most freshwater mussels react stressfully and weaken when exposed to the toxins in blue-green algae in their water environment, the little zebra mussel is rather indifferent. It is not affected by the toxins, and this helps it outmatch stressed and weakened mussels, report researchers from the University of Southern Denmark. This is bad for the biodiversity, and in some countries the superior zebra mussels imposes great costs to the industry....

[7. Foreign mussel cleans up Amsterdam's canals \(10/2/13\)](#)

The arrival of the foreign fresh water quagga mussel is helping to improve the clarity of Dutch water....

WEEDS

1. [Aquatic Invasive Plant Grants -- Fiscal Year 2015 Funding Cycle](#)

The Washington Department of Ecology (Ecology) will be accepting applications for Aquatic Weeds Management Fund (AWMF) grants for FY2015 beginning October 1, 2013. Ecology must receive all grant applications at its Olympia address by 5 p.m., November 15, 2013. Please contact Ecology if you have any questions. You can ask questions and obtain a grant application and guidelines from Lizbeth Seebacher at Lizbeth.Seebacher@ecy.wa.gov or by calling 360-407-6838.

2. **Knotweed Biocontrol Workshops**

Are you interested in learning more about the most recent research on biocontrol agents for knotweed? The most successful control methods used on aquatic invasive plants? What the National Forest Service and National Park Service is working on with regard to invasive plant issues? You are invited to join us for the Pacific Northwest Invasive Plant Council's (PNW-IPC) Invasive Plant Management Workshops that will be held in Tacoma Washington at the Tacoma Nature Center on **November 5th, 2013** (<http://www.invasiveplantcontrol.com/tacoma/>) and in SunRiver Oregon on **November 7th, 2013** (<http://www.invasiveplantcontrol.com/bend/>)!

MARINE

1. [USCG - extension of BWM implementation schedule \(9/25/13\)](#)

The US Coast Guard issued a policy letter providing information and guidance to vessel owners and operators on how to prepare and submit to the Coast Guard a request for an extension of time to implement ballast water management (BWM) discharge standards. Such an extension may be granted if the owner or operator provides documentation showing that despite all efforts to meet those requirements compliance by the date stipulated in the implementation schedule is not possible for the subject vessel.

2. [The economic impacts of US ballast-water regulations \(9/24/13\)](#)

US Coast Guard (USCG) and US Environmental Protection Agency (EPA) ballast water (BW) regulations are ready to be implemented, with phased in deadlines requiring newbuilds to comply by December 2013 and existing ships, depending on their BW capacity, to comply by the date of their first dry docking after 2014 or 2016. Let us consider what this could mean in terms of costs to shipping companies, and potential impacts on shipping costs, import prices, and world trade.

[3. Invasive species: U.S. rules punish Canadians, shippers say \(10/3/13\)](#)

New American rules on ballast water discharged in the Great Lakes put Canada at a competitive disadvantage, according to Canadian shipping companies.

[4. Invasive marine mussels land on B.C. coast with Japan tsunami boat \(10/7/13\)](#)

An invasive species of mussel has arrived in British Columbia, carried over by a boat that appears to have been pushed across the Pacific Ocean by the massive Japanese tsunami of 2011....

[5. Robot meant to remove jellyfish might just be making more jellyfish \(10/7/13\)](#)

Watch out, jellyfish. JEROS, the jellyfish-destroying robot, is coming for you. Or possibly making more of you. Developed by a team of engineers in Korea, JEROS is a robot designed for destroying jellyfish swarms, like the one that recently clogged the cooling pipes at a nuclear power plant in Sweden, temporarily [shutting down](#) the plant.....

[6. California Delays Ballast Water Regulation Implementation \(10/9/13\)](#)

California State Lands Commission has passed Senate Bill (SB) 814, which will become effective on January 1, 2014. Among its provisions, SB 814 amends Public Resources Code section 71205.3 and delays implementation of the interim performance standards for two years.....

OTHER

[1. Ancient microscopic animals thrive in Idaho lakes \(10/7/13\)](#)

"I get a lot of calls from landowners like these folks in Hayden, wondering, 'What is this thing?'" said Thomas Woolf, a program manager for the Idaho Department of Agriculture.

FISH

[1. Columbia Basin Non-native Invasive Fish Symposium](#)

The Upper Columbia United Tribes and the Lake Roosevelt Forum are sponsoring a "Columbia Basin Non-native Invasive Fish Symposium" on November 18 and 19, 2013 in Spokane, Washington. Please register at www.lrf.org/conf.

MEETINGS

OCTOBER

1. **North American Lake Management Society** will be holding their annual meeting the Town and Country Resort in San Diego from October 30th through November 1, 2013. For agenda and more info go to: <http://www.cvent.com/events/nalms-2013-san-diego-california/custom-20-1860e6d4cdf940a7a492613c6e3d4607.aspx>

NOVEMBER

1. [2013 Alaska Invasive Species Conference – November 5-7. Fairbanks.](#)

2. [Save the Date : Washington State Weed Association WEED conference; November 6 - 8, 2013; Location: The Coast Wenatchee Center Hotel.](#)

3. [ANS Task Force National Meeting November 6-7, 2013; Silver Spring, Maryland](#)

4. [22nd Biennial Conference of the Coastal and Estuarine Research Federation:](#) 3-7 November 2013; Hotel Mission Valley San Diego Town & Country Convention Center • San Diego, CA. Early Registration Deadline: 3 October 2013.

2014

FEBRUARY

1. [Marine Invasive Species - Management of Ballast Water and Other Vectors](#) . Muscat, Oman, February 17-19, 2014.

2. **A Flowering Rush Symposium** will be held the afternoon of February 13, 2014 at the Northern Quest Resort in Spokane on 10-14 February 2014 as part of the Northern Rockies Invasive Plant Council meeting. Registration is now online and linked to NRIPC website at: www.nripc.org or a direct link is <https://www.regonline.com/2014nripc> For additional information please check the website or email weeds1@mt.net

APRIL

1. [2014 Salish Sea Ecosystem Conference: April 30 - May 2, 2014, Washington State Convention & Trade Center , Seattle, Washington](#)