



AQUATIC INVASIVE SPECIES NEWS

06/28/2013

DREISSENID MUSSELS

1. New Mussel Finds in TX and MN

- [Zebra mussels found in Sand Lake, Little Sand Lake in northern Itasca County, MN \(May 30 2013\)](#)

USGS NAS report:

<http://nas.er.usgs.gov/queries/specimenviewer.aspx?SpecimenID=551056>

- [Invasive, Destructive Zebra Mussels Found In Lake Lewisville, TX \(June 20, 2013\),](#)

USGS NAS report:

<http://nas.er.usgs.gov/queries/SpecimenViewer.aspx?SpecimenID=558203>

[2. Update on Quagga Mussel Blitz at Lake Powell \(6/14/13\)](#)

The National Park Service (NPS), in collaboration with other federal, state, and local agencies as well as partners, conducted an intensive four-day dive operation from June 10-June 14 to assess the extent of quagga mussels in lower Lake Powell and to remove all existing mussels. A total of 36 divers and 73 support staff destroyed 235 mussels.....

[3. New program works to prevent aquatic invasion in Alberta \(6/15/13\)](#)

A new program is underway to inspect boats coming into Alberta for zebra and quagga mussels and Eurasian watermilfoil. The initiative is a partnership between the Government of Alberta and the Blood Tribe First Nation in the province's south, and is

aimed at keeping the invasive species out of the province. Officials say the creatures are currently the biggest threat to Alberta's lakes.....

[4. More zebra mussel larvae found in Iowa Great Lakes \(6/26/13\)](#)

Four microscopic zebra mussel larvae were found in a recent sample of East Lake Okoboji. The discovery is an indicator of adult reproduction of the aquatic invasive species Spirit Lake according to DNR Fisheries Biologist Mike Hawkins. Officials have yet to find adult zebra mussels in the Lakes but it seems as though at least a few are present.

[5. BC Boaters urged to help keep invasive creatures at bay \(6/27/13\)](#)

There are no zebra or quagga mussels currently choking Shuswap Lake and the Invasive Species Council of B.C. wants to keep it that way, a public meeting in Sorrento heard Wednesday night. The aquatic creatures are native to the Black Sea and Caspian Sea. They made it to the Great Lakes in the 1980s, and now they're slowly creeping closer with reports of invasions in Arizona, Nevada and California waterways.

WEEDS

[1. Protect Iowa Waters - Stop Aquatic Hitchhikers \(6/18/2014\)](#)

.....It is currently illegal to possess or transport prohibited aquatic invasive species in Iowa. Starting July 1, it will also be illegal to transport any **aquatic plants** on water-related equipment. Boaters will be required to drain all water from boats and equipment before leaving a water body and keep drain plugs removed or opened during transport beginning July 1. It is illegal to introduce any live fish, except for hooked bait, into public waters.....

[2. Russian knapweed has value as cattle feed, experts say \(6/25/13\)](#)

An invasive species that has traditionally been considered worthless in Western pastures is actually a useful protein source for cattle if dried and baled, experts say. Russian knapweed, a purple-flowered broadleaf plant that invaded the West more than a century ago, possesses qualities similar to alfalfa when supplementing lower-quality feed for beef cattle, according to researchers at Oregon State University and USDA.

MARINE

1. TSUNAMI

- [OSU researcher: Tsunami damage expected to arrive for decades \(6/19/13\)](#)

An Oregon State University ocean researcher said debris from the 2011 Japanese tsunami will continue to bring invasive species onto U.S. shores. “This could go on for years,” said Dr. John Chapman, a researcher with OSU’s Hatfield Marine Science Center and an invasive species expert. “We’ve not seen a decline in the debris.”.....

- [Japanese Tsunami Marine Debris Key Aquatic Invasive Species Watch](#)
- [Debris Sightings Maps](#)

[2. California moves to delay ballast water rules \(6/24/13\)](#)

The State Lands Commission voted Friday to postpone rules that require cargo ships to treat their ballast water before discharging it within California's borders. The move was proposed by commission staff after a study showed there are no ship-board treatment systems available that can meet state standards. California's rules are the strictest in the world, intended to prevent invasive species and harmful bacteria from contaminating state waters.

OTHER

[1. USGS, UI Researchers Develop Way To Identify Invasive Snail Infestations In Early Stages Using DNA \(6/21/13\)](#)

Researchers at the University of Idaho and the U.S. Geological Survey have developed a way to identify New Zealand mudsnail infestations in their earliest stages – using only the small bits of DNA the snails shed in the water.....

2. The North American Invasive Species Network (NAISN) has launched a new informational website (<http://www.naisn.org>), which provides a wide variety of invasive species management and research resources, links to a multitude of potential partner organizations, and access to streamlined data-sharing platforms for users throughout the USA, Canada, and Mexico.

[3. 2013-14 NWPCC Fish and Wildlife Program Amendment Process deadline extended to September 17, 2013](#)

The Northwest Power and Conservation Council is extending the deadline to submit recommendations to amend the Council's Columbia River Basin Fish and Wildlife program to September 17, 2013. The Council voted on June 21, 2013, to extend the original deadline for sixty days following requests for additional time. To submit a recommendation, follow the instructions on the Council's website, including use of the online form. You will receive a confirmation email after you submit your completed recommendation. All recommendations will be made available for public review and comment. News and updates regarding the amendment process are posted on the Council's webpage available at <http://www.nwcouncil.org/fw/program/2013amend/>

FISH

1. [Shad Don't Mind The Dams; Over 3 Million Have Already Crossed Bonneville, Extend Range Upstream \(6/21/13\)](#)

Non-native American shad are experiencing a revival of sorts to the Columbia River basin, it would appear, with counts at Bonneville Dam fish ladders spiking recently.....

2. [Phillips Reservoir: Oregon Introduces 25,000 Tiger Muskie To Eat Yellow Perch Decimating Rainbow Trout \(6/28/13\)](#)

The Oregon Department of Fish and Wildlife on Tuesday released 25,000 tiger muskie into east-central Oregon's Phillips Reservoir in hope they'd eat down the nonnative yellow perch population that is outcompeting the local trout population. The releases are intended to help restore the once-thriving rainbow trout fishery in the reservoir near Baker City.....

LEGISLATION/FEDERAL BUDGET

1. [House Energy and Water Development FY 2014 Appropriations Bill, includes Zebra and Quagga Mussel Language \(6/26/13\)](#)

The House Appropriations Committee today [6/26/13] approved the fiscal year 2014 Energy and Water Development, and Related Agencies Appropriations bill. The legislation provides annual funding for national defense nuclear weapons activities, the Army Corps of Engineers, various programs under the Department of Energy, and other related agencies.

From Page 65 -- Zebra and Quagga Mussels: The Committee understands the challenges posed by the invasion of quagga and zebra mussels in various places across the country, and that invasion has not yet occurred in the Pacific Northwest and Lake Tahoe. Given the significant Federal assets in the region, it would seem prudent to determine the vulnerabilities of the infrastructure. The Committee recognizes the assessment work that is underway, but believes more can and should be done to prevent invasion. Portions of the country are already dealing with these invasive species and the lessons learned should be applied to developing a strategy of minimizing the impacts to vulnerable infrastructure in this region. The Committee encourages the Corps of Engineers, in partnership with the Bonneville Power Administration, to continue its efforts to develop invasive mussel vulnerability assessments for federally owned hydropower projects in the Pacific Northwest, including an estimate of the annual cost of

protection and maintenance of this infrastructure, if applicable. Further, the Committee urges the Corps, where appropriate and within existing authority, to assist the States, Tribes and local authorities in their efforts to prevent the spread of invasive mussels to Federal projects in the region.

From Page 78 - Quagga and Zebra Mussels: The Bureau of Reclamation in its operations on the Colorado River shall report to Congress on the costs and benefits of various available methods, including chlorine and biopesticides, to address and mitigate the current problems posed by quagga and zebra mussels on Reclamation's infrastructure and mission. The report should include an analysis of the efficacy of each treatment system.

[2. Legislation introduced to protect the Great Lakes \(6/26/13\)](#)

WASHINGTON – A group of Great Lakes senators today introduced bipartisan legislation to authorize a comprehensive array of programs to protect the Great Lakes. The Great Lakes Ecological and Economic Protection Act would address invasive species, speed cleanup of contaminated sediments, protect fragile Great Lakes habitat and improve water quality for the more than 40 million people who get their drinking water from the Great Lakes.....the bill can be found [here](#)

[Senator Levin Senate Floor Statement \(6/26/13\):](#)This legislation is needed to address the threat of invasive species such as **Asian carp**, polluted runoff that can harm aquatic and public health, toxic sediments, and harmful algal blooms that kill fish, foul coastlines, and threaten public health.....

MEETINGS

JULY

1. Aquatic Plant Management Society Annual Meeting: July 14-17, 2013; The Westin Riverwalk San Antonio, TX. Make your reservations now at <http://apms.org/>

[2. Registration closes **7/8** for the PNWER 3rd Annual Invasive Species Conference!](#)

July 17, 2013; Anchorage, Alaska, Dena'ina Conference Center: Join federal, state, tribal and local government agencies; academic institutions; non-profit organizations; industry leaders; legislators; and others in developing regional strategies to address the threat of invasive species to our natural resources, economy, and quality of life. Registration closes **7/8/13**.

AUGUST

1. 8th International Conference on Marine Bioinvasions: August 20-22, 2013, Vancouver, Canada

2. Oregon Invasive Species Cook-off 2013

When: August 25 2:00 pm - 7 pm
Host: Institute for Applied Ecology
Where: Chintimini Farm, OR

SEPTEMBER

1. WRP Annual Meeting - Portland 2013 - The WRP will hold their *Annual Meeting in Portland, Oregon on September 11 - 13, 2013*. The meeting will be held at the [University Place Hotel and Conference Center](#). Book your room for \$89 plus tax and be sure to mention "Western Regional Panel" at booking time. Call 1-866-845-4647 to reserve your room. [Learn more](#) about the meeting and take a look at the attached draft agenda.

NOVEMBER

1. Save the Date : Washington State Weed Association WEED conference; November 6 - 8, 2013; Location: The Coast Wenatchee Center Hotel.

2014

FEBRUARY

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