



## ***AQUATIC INVASIVE SPECIES NEWS***

*12/9/13*

### **DREISSENID MUSSELS**

#### [Iowa officials inspecting boat hoises after juvenile zebra mussels found \(11/14/13\)](#)

SPIRIT LAKE, Iowa | State officials are inspecting hundreds of boat hoists after juvenile zebra mussels were found attached to hoists removed this fall from East Okoboji, West Okoboji and Lower Gar lakes. The discovery confirms the invasive species is reproducing and spreading to more lakes in the Iowa Great Lakes chain, said Kim Bogenschutz, aquatic invasive species program coordinator for the Iowa Department of Natural Resources.....

#### [Spatio-temporal spawning and larval dynamics of a zebra mussel population in a North Texas Reservoir: implications for invasions in the southern United States \(11/11/13\)](#)

...Results of this study indicate environmental conditions can influence variability of population sizes and spatial distributions of zebra mussels along the current southern frontier of their geographic range. Although the future population size trajectory and geographic range are uncertain, increased temperatures and intermittent, extreme droughts likely will affect spatio-temporal dynamics of established populations if zebra mussels spread farther into the southern and southwestern United States....

#### [AZ: Boaters beware: citations coming if you don't "Clean, drain and dry" \(11/19/13\)](#)

***Targeted enforcement of Aquatic Invasive Species laws begins January 1, 2014:***  
Beginning Jan. 1, 2014, the State of Arizona will ramp up their efforts to stop the spread of quagga mussels and other invasive species in Arizona waters. Law enforcement officers from the Arizona Game and Fish Department, in coordination with other lake

patrol agencies, will start issuing citations to boaters who don't "Clean, Drain and Dry" their boats when they leave quagga-infested lakes.....

#### [Opinion: Consistent rules, approaches needed in quagga battle \(11/24/13\)](#)

Everyone's favorite mussel, the quagga, will get a renewed focus from authorities beginning Jan. 1. That's the date Arizona officials say they'll begin issuing citations for which the recipient may be fined. Well, there's no doubt Arizona Game and Fish Department and other agencies have been warning and educating boaters for years about the insidious invasive species. Lake Havasu, along with lakes Mohave and Mead, have been focal points for authorities since the mussel was discovered in the Colorado River.....

#### [Calif. fee aids mussel prevention efforts \(11/20/13\)](#)

LAKE COUNTY State vessel registration renewal includes a quagga and zebra mussel fee participation in the Lake County mussel prevention program. As a result of responses from concerned citizens regarding invasive mussel infestations in California's bodies of water, boat owners will now see an additional fee on their California Department of Motor Vehicles (DMV) vessel registration. This fee is a result of AB2443 that was signed into law by Governor Brown in 2012.....

## **WEEDS**

#### [Fighting invasive giant salvinia with weevils \(11/25/13\)](#)

Texas A&M AgriLife scientists are seeing significant areas of giant salvinia destroyed by salvinia-eating weevils at Caddo Lake on the Texas-Louisiana border as part of a project evaluating management of the invasive plant, according to scientists.....

#### [NE War on invasive species hits snag \(11/13/13\)](#)

Lincoln County [Nebraska] is paving the way when it comes to controlling invasive plant species. Unfortunately, all that hard work could be for nothing if funding for the efforts is not renewed. On Monday, noxious weeds superintendent Rod Yost told the Lincoln County Board of Commissioners the county's efforts to combat **phragmites** have been recognized by Rich Walters.

#### [Not Ready for Prime Time: Making Fuel Out of Invasive Plants \(11/20/13\)](#)

It's not a widely known ecological principle, but the idea that when "life hands you lemons, make lemonade" has certainly been applied to invasive species. While not always the case, plants and animals that are benign in their own home sometimes run

amok in new settings, often to the detriment of local economies and existing flora and fauna. (And like so much else, expect climate change to make their penetrations more extreme.).....

#### [AK Refuge Notebook: A window of opportunity to eradicate Elodea \(11/7/13\)](#)

Mark Twain was supposedly fond of saying “I was seldom able to see an opportunity until it had ceased to be one.” I don’t claim to be prescient most of the time, but when it comes to ridding the Kenai Peninsula of Elodea, the first submerged freshwater invasive plant to make it to Alaska, I’m pretty confident that we have only a very small window of opportunity.....

#### [SF Bay Researchers Fight Uphill Battle with Invasive Cordgrass \(11/21/13\)](#)

Three years ago, managers at the Invasive Spartina Project thought they’d be almost out of a job by now. Their remarkable success up to that point in treating one of the most ominous invasive species in the Bay Area had left the once widespread invader, *Spartina alterniflora*, clinging to just a few dozen acres of scattered marsh. But the ruthlessly fast-spreading cordgrass has never made things easy. It hasn’t spread anymore, but it hasn’t been eradicated either, and after hopeful projections of near complete elimination by 2013, project managers now say it’ll be at least another three years. Despite their achievements, that last push has been the hardest of all.

#### [Let's just harvest invasive species—problem solved? \(11/20/13\)](#)

Although invasive Asian carp have been successfully harvested and served on a dinner plate, harvesting invasive plants to convert into ethanol isn't as easy.

#### [USGS Upper Midwest Environmental Sciences Center Story \(12/6/13\)](#)

LA CROSSE, Wisconsin (WXOW)-- The Upper Midwest Environmental Sciences Center is a federal research center and to maintain necessary funds, the center keeps politicians in tune with their research.....

For more on the USGS science center’s AIS control research go [here](#)

## **MARINE**

#### [INTERTANKO Welcomes IMO Assembly Resolution on Ballast Water Management \(12/4/13\)](#)

The International Maritime Organization’s (IMO) governing body, the Assembly, adopted a Resolution today in London that pins the application dates of the Ballast Water Management Convention to the entry into force date. This in effect makes all vessels constructed before the entry into force date ‘existing’ vessels, and allows for the installation of a ballast water management system (BWMS) on such vessels at the first

renewal survey following entry into force. At present 38 countries representing 30.3% of the world's registered tonnage have ratified the Convention. The Convention will enter into force 12 months after the ratification by more than 35 countries representing more than 35% of the world's tonnage.

#### [USCG Environmental Standards – U.S. Great Lakes Engineering and Cost Study \(12/5/13\)](#)

The U.S. Coast Guard has published “Ballast Water Treatment, U.S. Great Lakes Bulk Carrier Engineering and Cost Study” on its Internet portal Homeport.....

#### [Maine Green crab summit to address uptick in the invasive species' presence \(11/21/13\)](#)

Green crabs have been in Maine waters since the 1950s, but their numbers have seen a marked increase over the past few years. Just how much of an increase was the question asked in a statewide green crab survey conducted in September. In harbors and spots across the coast, 10 traps were modified and put into the water for 24 hours. The crabs caught were then counted and recorded.....

Another Maine GC story [here](#)

### **OTHER**

#### [WA State to lower Capitol Lake Dec. 3 to freeze invasive snails \(12/03/2013\)](#)

The water level at Capitol Lake will be lowered starting today in an effort to control New Zealand mudsnails, an invasive species. The current cold-weather conditions provide an opportunity to kill the snails by freezing them. Enterprise Services, which manages the 260-acre lake, will begin lowering the water level at about noon. By Wednesday morning, most of the lake bottom will be exposed to the elements, although some pools and channel will still be covered with water. The drawdown will last several days, depending on weather conditions.....

Another story [here](#)

#### [US Forest Service National Strategic Framework for Invasive Species Management](#)

This Forest Service National Strategic Framework for Invasive Species Management (Framework) prioritizes and guides the prevention, detection, and control of invasive insects, pathogens, plants, wildlife, and fish that threaten our Nation's terrestrial and aquatic ecosystems.

## FISH

### [Asian carp key to private investors' business plan \(11/23/13\)](#)

Asian carp make up 80 percent of the Illinois River's biomass, giving American Heartland Fish Products a capital opportunity for investors, tax revenue for the city and a chance to help the state reduce the species' population.....

### [Snakehead fish likely dumped alone in Burnaby's Central Park \(Canada\): study \(with video\) \(11/25/13\)](#)

METRO VANCOUVER - When someone spotted a snakehead fish at Burnaby's Central Park lagoon in the spring of 2012 and posted a YouTube video that went viral , it sparked concerns that an invasive species of methodical killer had infiltrated British Columbia's waterways. But a team led by Simon Fraser University biologists has determined that the slimy-skinned predator likely was dumped there - alone - fewer than three months before and was a sub-tropical cousin of the hardier northern snakehead, and, thus, unlikely to survive a winter here.....

### [Opinion: Beware Marauding Carp \(11/20/13\)](#)

EARLIER this month, researchers demonstrated that a Eurasian species of fish, the grass carp, had begun reproducing in Lake Erie. This may not sound like alarming news, but unless we take steps to prevent its spread, this animal is poised to disrupt the ecology of the Hudson River and New York's other inland waters.....

### [Serious Setback for Restoring Lahontan Cutthroat in Southeast Oregon; Far Too Many Non-Native Fish \(11/22/13\)](#)

Efforts to restore a population of native Lahontan cutthroat trout in McDermit Creek in southeast Oregon suffered a setback earlier this month when biologists discovered a reproducing population of non-native brook and rainbow trout in the river.....

## GRANTS

### [WA -- Aquatic Lands Enhancement Account \(ALEA\) Volunteer Cooperative Grant Program](#)

**Grant applications will be accepted from December 1, 2013 – February 28, 2014.**

## LEGISLATION/FEDERAL ACTIONS/BUDGET

### **Natural Resources Committee Reports Marine Debris Emergency Act To House (12/2/13)**

The House Natural Resources Committee unanimously adopted [H.R.1425](#), the Marine Debris Emergency Act of 2013. The bill would amend the Marine Debris Act to better address marine debris events, including ones that have already or are likely to introduce marine invasive species. It would expedite the federal grant application process for communities seeking assistance with debris removal by requiring the National Oceanic and Atmospheric Administration to take action on a grant application within 60 days of receiving it. The bill was favorably reported to the House. More information on this hearing is available [here](#). [Source: ONW: Week of December 2, 2013 – Number 222]

### [Rep. Jones cosponsors bill to ease fishing vessel discharge regulations \(11/19/13\)](#)

WASHINGTON, D.C. – Today, Congressman Walter B. Jones (NC-3) cosponsored legislation to exempt owners of fishing vessels from burdensome regulations requiring them to obtain an Environmental Protection Agency (EPA) permit for discharges incidental to normal vessel operation. The Commercial Vessel Discharges Reform Act of 2013 ([H.R. 3464](#)) would put a permanent moratorium on the EPA requirements, which will necessitate a permit for discharging things as simple as deck wash, bilge pump discharge, fish hold water, and laundry and shower water. Failure to obtain the permit could result in lawsuits and fines of over 32,000 dollars.

### [Chairman Mike Thompson Hosts Hearing on Threat of Invasive Species \(11/19/13\)](#)

U.S. Rep. Mike Thompson (D-CA-05), chair of the bipartisan Invasive Species Caucus, hosted a caucus hearing about the threat invasive species pose to local budgets, agriculture, infrastructure and the environment across California's 5th Congressional District and other communities across the country.....

## MEETINGS

**2014**

**JANUARY**

**The Montana Weed Control Association Annual Educational Conference** is scheduled for January 15 & 16 in Great Falls. This year's program is packed full of great information on invasive plants, including flowering rush and Eurasian watermilfoil. To view the agenda go to: <https://www.z2systems.com/neon/resource/mwca/files/2014-ac-agenda.pdf> [Thanks Celestine Duncan]

## **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](http://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](mailto:weeds1@mt.net)

## **APRIL**

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

## **SEPTEMBER**

1. [Meeting the Challenge: Preventing, Detecting, and Controlling Invasive Plants September 16-17, 2014, University of Washington Botanic Gardens, Seattle, WA](#)

**HAPPY HOLIDAYS !!!!!**

