



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

*03/11/2013*

### **DREISSENID MUSSELS**

#### [1. Northwest States Finding Plenty Of Boats Contaminated With Mussels At Inspection Sites \(2/22/13\)](#)

As the known presence of nonnative quagga and zebra spread west, most notably to the Southwest, and then started to creep north, officials in the Pacific Northwest got busy developing invasion prevention plans and actions, as well as strategies to attack the unwelcome little creatures if discovered in the region.....

#### [2. The impact on Lake Michigan by the zebra and quagga mussels is a compelling example of the devastation caused by invasive species. \(2/25/13\)](#)

#### [3. Reconstruction of the early invasion history of the quagga mussel in Western Europe \(2/21/13\)](#)

The recent introduction of the quagga mussel into Western European freshwaters marked the beginning of one of the most successful biological invasions during the past years in this region. However, the spatial and temporal origin of the first invasive population(s) in Western Europe as well as subsequent spreading routes still remain under discussion. In this study, we therefore aim at reconstructing the early invasion history of the quagga mussel in Western Europe based on an age-corrected temporally and spatially explicit spread model.....

#### [4. Preventing the Spread of Zebra and Quagga Mussels: The Role of the Lacey Act \(3/1/13\)](#)

Following the discovery of the first population of dreissenid mussels in the western United States in 2007, significant federal, state, tribal, and local government resources have been directed toward public outreach campaigns, watercraft inspection programs,

and legal reform to prevent the spread of this invasive species. This Article explores the limits of the Lacey Act as a tool for preventing the spread of invasive zebra and quagga mussels. The Lacey Act contains two key provisions. Title 16 prohibits wildlife trafficking and elevates the violation of state, tribal, or foreign wildlife laws to federal offenses. Title 18 prohibits the importation and interstate transportation of listed injurious species, including zebra mussels. This Article provides an overview of Title 16 and 18 and discusses the federal enforcement challenges associated with invasive mussel cases. The Article concludes with a discussion of the states' primary enforcement role and proposals for Lacey Act reform.....

#### 5. Big Bear Lake , CA mussel-bound boats beware (2/27/13)

Vessels at Big Bear Lake may find themselves serving more time if they bring along illegal visitors this boating season. The Big Bear Municipal Water District OK'd a new policy for quarantining and decontaminating vessels, equipment and trailers that have visible quagga or zebra mussels attached to them.

## **WEEDS**

#### 1. Yellowstone National Park officials launch anti-invasive plants initiative (3/3/13)

Yellowstone National Park officials have created a plan to manage a variety of invaders that continue to threaten the 2.2 million-acre caldera and want to know what the public thinks....

Also see <http://parkplanning.nps.gov/projectHome.cfm?projectId=30913>

#### 2. Groups team up to clear Stayton, OR canal of parrot feather (3/5/13)

Some think it began with an aquarium filled perhaps with water, fish and plants being poured into the Ida Street canal. Maybe by a child who watched Pixar's "Finding Nemo" and wanted to release his fish back into the wild. No matter how it happened, the Ida Street canal in Stayton is being overrun with an invasive species of plant that is clogging the canal and trying to work its way into the city's irrigation ditches.....

#### 3. University of Wyoming Study: Screening Preferred to Halt Invasive Species (3/5/13)

Stakeholders interested in the environmental impacts of North America's horticultural industry would prefer a mandatory screening process -- over other policy options, such as fees or taxes -- to help effectively deter the accidental introduction of invasive plant species, according to a study led by Edward Barbier, the John S. Bugas Professor of Economics in the University of Wyoming College of Business.....

#### 4. Monitoring confirms that boaters, not ducks, moving aquatic invasive species around (3/5/13)

MADISON – Preliminary results from systematic monitoring of Wisconsin lakes for aquatic invasive species confirm that boaters, not ducks or other birds, are spreading the invaders around, state and University of Wisconsin-Madison researchers say.....

**5** A new publication *Weed Control in Natural Areas in the Western United States* is available at: <http://www.cal-ipc.org/resources/booksandcds/weedcontrol.php> Fifteen authors led by Dr. Joe DiTomaso of UC Davis compiled information on control methods for 340 species in 13 western states, covering rangelands, grasslands, pastures, riparian and aquatic areas. 544 pages, \$37 (plus tax and shipping)

## MARINE

### 1. Tsunami

#### 1. Invasive species danger from tsunami may not be known for years (3/5/13)

NEWPORT, Ore. – Scientists from Oregon State University, who have examined more than three dozen pieces of debris from the 2011 Japanese tsunami that have washed ashore on the Northwest coast, say the potential damage from invasive species may not be known for years.....

For further WA Tsunami information go to <http://marinedebris.wa.gov/>

#### 2. UW researchers offer clues to how marine mussels work (2/26/13)

Scientists ponder the ability of the mighty mussel to stick to wet surfaces even in violent waves. How do they do it, and what might their amazing abilities do for us.....

#### 3. Coast Guard Study Shows Minimal Risk of Invasive Species Thru Barges on Great Lakes (2/28/13)

Cleveland, Ohio (NNCNOW.com) --- A study conducted by the Coast Guard Research and Development Center in coordination with the U.S. Environmental Protection Agency concluded that barge ballast tanks present a minimal risk for incidental transport and introduction of Asian carp into the waters of the Great Lakes.....

## FISH

#### 1. Study: Asian carp DNA may not signal live fish (2/20/13)

TRAVERSE CITY, Mich. — Live Asian carp don't necessarily have to be present for their DNA to turn up in the environment, according to a government study released Wednesday that could intensify the debate over how to prevent the aggressive, hungry invaders from reaching the Great Lakes and other vulnerable waters.....

## [2. Bag Limits Off In Washington For Columbia/Snake Bass, Walleye, Channel Catfish \(3/8/13\)](#)

The Washington Fish and Wildlife Commission on March 1 adopted numerous changes to sportfishing rules, including a paring down of the white sturgeon catch limit and the elimination of catch restrictions for non-native predators that gobble up protected, and non-listed, juvenile salmon and steelhead....

## [3. Bag Of Dead Burbot Found In Idaho Hundreds Of Miles From Native Waters Raises Concerns \(3/8/13\)](#)

Several dead burbot, sealed in a plastic bag, were recently discovered along Highway 16 south of Emmett, Idaho. No edible portions had been removed from any of the fish. Idaho Fish and Game staff is looking for information about where the fish came from and how they ended up in a roadside ditch hundreds of miles from their native waters.....

## **OTHER**

### [1. Nutria – An Invasive Species \(3/4/13\)](#)

You may have seen them on the side of the road, on river banks, seemingly not hurting anything or anyone. They are what looks to be a cross between a beaver and a rat. The nutria are an herbivorous, semiaquatic animal. The nutria was imported from South America for the fur trade in 1899 according to the U.S. Geological Survey.

### [2. ArborGen Inc.: Availability of Petition, Notice of Intent To Prepare an EIS for Determination of Nonregulated Status of Freeze Tolerant Eucalyptus Lines, and Notice of Virtual Public Meetings \(2/27/12\)](#)

### **3. 2013 Biennial Report on the California Invasive Species Program (March 4, 2013)**

The 2013 Biennial Report on the California Marine Invasive Species Program was approved by the California State Lands Commission on February 22, 2013. The Biennial Report outlines the activities of the Marine Invasive Species Program and presents vessel-reported ballast water and biofouling management data for the two-year period between July 1, 2010, and June 30, 2012. [PDF](#)

### [4. Save the date: Oregon Invasive Species Cookoff August 24, 2013](#)

Last summer we held the first Invasive Species Cook-off, and it was so successful and fun that we are doing it again. A full blown invasive species outreach is in the works to unite communities behind the 'eating invasives' movement. The Invasive Species Cook-off is set to become our annual fundraiser, and we will be offering harvesting workshops and trips, guide books and cook books, bling, blog and more! The Institute for Applied Ecology's "Eradication by Mastication" will be your source of inspiration, involvement and voice as we bring together a community of people, events and resources dedicated to raising awareness and support for eating the weeds and wild invaders in our natural world. And we're partnering with the **Oregon Invasive Species Council** to make this year's Cook-off tastier than ever.

## LEGISLATION

### [1. Ban on fish pens debated in Olympia \(2/20/12\)](#)

Anticipating difficult negotiations with state regulators over their recent ban on net-pen salmon farming, the Island County commissioners are putting high hopes on new legislation proposed in Olympia. If it becomes law, House Bill 1599 will empower cities and counties to prohibit the siting of net-pen farms through long-range planning documents known as shoreline master programs.....

### [2. Utah Bill would restrict Bear Lake boat launches and driving \(2/16/13\)](#)

Quagga and zebra mussels have yet to invade Bear Lake, as far as anyone knows, and new legislation is aimed at keeping the destructive bivalves from gaining a foothold in the popular lake straddling the Utah-Idaho line.

### [3. NM battle against the quagga mussel arrives at the legislature \(3/5/13\)](#)

The effort to [hold the line against the invasive quagga mussel](#), scourge of the west's waterways, has found its way to the New Mexico legislature with [House Bill 536](#). The legislation would expand the state's authority to try to prevent quaggas from hitchhiking into New Mexico on visiting boats, which is pathway by which the critter has been hopping from reservoir to reservoir around the west. From [the bill's legislature summary](#) (pdf): Bill 536 (HB 536) amends the Aquatic Invasive Species Control statute, Section 17-4-35 NMSA 1978, to grant the state greater authority to stop and inspect vehicles and vessels to prevent aquatic invasive species from entering the waters of the state. HB 536 authorizes the Department of Game and Fish (DGF) to require inspections of any conveyance or equipment a) at ports of entry, in cooperation with the Motor Transportation Division of the Department of the Department of Public Safety (DPS), b) prior to a vessel entering or exiting a water body in the state or c) under other reasonable circumstances to prevent, control, monitor and possibly eradicate such species.

Another story on the bill can be found [here](#)

#### 4. Montana Looking At Beefing Up Efforts To Prevent Aquatic Invasive Species From Hitting State Waters (3/8/13)

A revamped and more aggressive approach to prevent aquatic invasive species from proliferating in Montana has quietly been taking shape in Helena, but it soon will get a higher profile in the Legislature. A draft bill has been the focus of a joint subcommittee on natural resources that would firmly establish Montana Fish, Wildlife and Parks as the lead agency in a boat inspection program and provide additional funding to carry out the overall mission of combating invasive species such as zebra and quagga mussels as well as Eurasian watermilfoil.....

HB 586 (LC2136): "Revise aquatic invasive species laws", revisions to the bill can be viewed at <http://data.opi.mt.gov/bills/2013/billhtml/HB0586.htm>

#### 5. Asian Carp Prevention Act of 2013 (H.R. 985)

Representative Rogers (R-MI) introduced the Asian Carp Prevention Act of 2013 (H.R. 985) to direct the Secretary of the Army to prevent the spread of Asian carp in the Great Lakes and the tributaries of the Great Lakes, and for other purposes.....

#### 6. Rep. Louise Slaughter introduces H.R. 996: To establish an improved regulatory process for injurious wildlife to prevent the introduction and establishment in the United States of nonnative wildlife and wild animal pathogens and parasites that are likely to cause harm. (3/6/13)

Rep. Louise Slaughter speaks about the importance of protecting the Great Lakes for future generations. A large part of that effort includes strengthening laws like the Lacey Act so that the federal government can successfully fight invasive species like Asian Carp. On March 6, 2013 Rep. Slaughter introduced legislation to update and strengthen federal laws to protect the Great Lakes. Visit [www.louise.house.gov](http://www.louise.house.gov) for more information about Louise's work on the Great Lakes, go to <http://www.youtube.com/watch?v=v5urpJdw-VY>

## **JOBS**

### 1. City of Bellingham AIS Jobs

We have just posted our Aquatic Invasive Species Prevention Program staff positions to our website. These staff will be responsible for providing education and watercraft inspection and decontamination services to recreational boaters within the Lake Whatcom watershed. Applications need to be received by **Friday, March 15** at 5pm Pacific Time. These positions are 6-7 month seasonal with an expected start date in mid-April, 2013.

## **MEETINGS**

## MARCH

### 1. 2nd Annual Columbia Gorge Invasive Species and Exotic Pest Workshop

The Columbia Gorge Cooperative Weed Management Area planning team is pleased to announce that a date has been selected for the 2nd annual Columbia Gorge Invasive Species and Exotic Pest Workshop. We'll be holding the event in Stevenson, WA from 09:00 to 16:00 on March 21, 2013. This workshop will have an invasive plant and noxious weed focus and will also provide resource managers and control practitioners information to detect aquatic invasive species and exotic pests. For further information contact: Justin Bush, Program Coordinator  
Skamania County, Noxious Weed Control Program, (509) 427-3941;  
[bush@co.skamania.wa.us](mailto:bush@co.skamania.wa.us), <http://www.skamaniacounty.org/noxious-weeds/>

### 2. Western Aquatic Plant Management Society Annual Meeting -- Save the Date!

Coeur d'Alene Resort in Coeur d'Alene, ID.  
March 25 to 27, 2013

**3. Invasive Aquatic Species Treatment, Prevention and Education in the Northern Interior Columbia Basin**; March 28th, 2013; 9:00 to 4:00 Pacific Time; Dover City Hall. Dover, ID (near Sandpoint). Further information contact Tom Woolf, ISDA,  
[Thomas.Woolf@agri.idaho.gov](mailto:Thomas.Woolf@agri.idaho.gov)

**4. Nutria Management in the Pacific Northwest – March 28, 2013 – 10 am-4 pm**  
Water Resources Education Center, 4600 SE Columbia Way, Vancouver, WA 98661

PURPOSE: Provide managers tools for nutria management (particularly in urban habitats), highlight current local nutria management efforts/strategies, encourage coordination on a regional scale, and determine priorities moving forward. For more information, contact Trevor Sheffels: [sheffels@pdx.edu](mailto:sheffels@pdx.edu)

## APRIL

### 5. The Invasive Species Centre is hosting the 18th International Conference on Aquatic Invasive Species, April 21-25, 2013 at the Sheraton-on-the-Falls Hotel in Niagara Falls, Ontario, Canada.

The **Preliminary Program** for the 18th International Conference on Aquatic Invasive Species is now available (last updated **2/8/12**) at the ICAIS conference website [www.icaais.org](http://www.icaais.org) . The program is still subject to change, so please check the website for updates. Note that the cut-off date for hotel reservations is **March 21, 2013** so be sure to

reserve early to ensure your accommodation  
[http://www.icaais.org/html/info\\_accomm.html](http://www.icaais.org/html/info_accomm.html)

**6. The Alberta Invasive Plants Council** is holding the 2013 Annual Conference in Lacombe AB on Wednesday, March 20<sup>th</sup> 2013. This is a great opportunity to learn what is happening in Alberta with respect to terrestrial and aquatic invasive species! For more information contact Barry Gibbs, 780-415-2342 or [www.invasiveplants.ab.ca](http://www.invasiveplants.ab.ca)

## **MAY**

1. **SAVE THE DATE: May 7-9, 2013: Duluth, MN:** The spring meeting of the Great Lakes Panel will be held in conjunction with the spring meeting of the national [Aquatic Nuisance Species Task Force](#).

- [Save The Date](#) (PDF)

## **SEPTEMBER**

1. Save the Date - the [WRP](#) will hold their Annual Meeting in Portland, Oregon on September 11 - 13, 2013. The first two days of the conference will be information sharing, presentations and the business meeting. The last day of the conference will be a field trip. More information on the agenda and other details will available in the coming months.