



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

***1/14/14***

### **DREISSENIID MUSSELS**

1. [Dreissenid Mussels Discovered in Lake Piru in Ventura County, Calif. \(12/30/13\)](#)

Dreissenid mussels (quagga or zebra) have been discovered in Lake Piru in Ventura County. The California Department of Fish and Wildlife (CDFW) is working with United Water Conservation District and Lake Piru Recreation Area staff to contain the infestation. All boaters are being required to clean, drain and dry their watercraft upon exit from the lake. This discovery marks the first time quagga or zebra mussels have been found in a Southern California waterbody that does not receive water from the Colorado River.....

Related stories

[Destructive fresh-water mussels found in Lake Piru \(12/30/13\)](#)

The discovery marks the first time the destructive mollusks, called quagga or zebra mussels, have been found in a Southern California water body that does not receive water from the Colorado River.....

[Lakes Cachuma, Casitas Order Boat Quarantines after Invasive Quagga Mussels Show Up in Lake Piru \(1/5/14\)](#)

[If keeping mussels out costs a little more, so be it \(1/7/14\)](#)

*Editor's Note: Lake Piru is in the Santa Clara River watershed (map [here](#)). Lake Piru is managed by the [United Water Conservation District](#) and more information on the lake can be found [here](#). The Santa Clara River has an ESA listed population of steelhead ("endangered") ([southern California steelhead ESU](#)). This appears to be the first anadromous fish watershed infested with dreissenids on the west coast (not counting the*

zebra mussel infested [San Justo Reservoir](#) which is in the San Joaquin basin. San Justo was closed to recreation in March 2008).

## 2. [36 infested boats intercepted in 2013 at Tahoe \(1/2/14\)](#)

In all, 4,221 watercraft were decontaminated last year at roadside inspection stations around the lake, according to statistics released Monday by the Tahoe Resource Conservation District. Of those, 36 were infested with either aquatic invasive plants, mussels or snails.....

## 3. **Zequanox label expansion public docket open for comment through Jan. 27**

In May of 2013, Marrone Bio Innovations (MBI) submitted an application to US EPA to approve additional uses for its biological zebra/quagga mussel control product, Zequanox. The original EPA-approved label for Zequanox allowed for use only "in pipe," for control of dreissenid mussels in municipal and industrial infrastructure. The expanded label will allow for direct application of Zequanox to waterbodies such as lakes, ponds, and reservoirs for environmental restoration and recreation area rehabilitation. In support of this label expansion, MBI submitted a complete dossier, including data demonstrating safety to non-target native bivalves and very low toxicity to all other non-target aquatic organisms, including algae, plants, and fish. MBI also submitted data demonstrating that Zequanox rapidly and completely biodegrades upon application and is not highly persistent like other chemical treatment options.

To comment on the news uses and expanded label for Zequanox, go to: <http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPP-2011-0568-0009>

# MARINE

## 1. **Court rejects Calif. oyster farm's last-gasp bid to stay open (1/14/14)**

A federal appeals court will not reconsider its denial of a California oyster farm's request to keep its doors open. The ruling is the latest blow to Drakes Bay Oyster Co., which lost its lease in the Point Reyes National Seashore when former Interior Secretary Ken Salazar decided not to renew it. The farm has fought to stay open while it continues a protracted legal battle against Interior's decision. But in an amended [opinion](#) released today, the 9th U.S. Circuit Court of Appeals upheld its September denial of the farm's injunction request to stay open. [Reprinted from *E&E News PM* with permission from Environment & Energy Publishing, LLC. [www.eenews.net](http://www.eenews.net) . 202/628-6500]

For further background go [here](#)

## 2. [Cruise operators look to stamp out invasive species \(1/9/14\)](#)

The rising number of tourists in the Arctic carries with it an increased risk of non-native species being introduced into the region's environment. In order to prevent that from

happening, the [Association of Arctic Expedition Cruise Operators \(AECO\)](#) has now published a “[biosecurity guideline](#)” for travellers.

3. [Canadian Ship Owners Challenge New US Ballast Rules](#) (1/8/14)

Canadian ship owners are seeking a legal review in the United States in light of new regulations launched by the U.S. Environmental Protection Agency. The Canadian Shipowners Association (CSA) announced the move Tuesday in response to the EPA’s new Vessel General Permit (VGP).

4. **USCG & EPA - ballast water management policies** (1/9/14)

The US Coast Guard and the Environmental Protection Agency (EPA) issued a [joint letter](#) addressing extensions to the USCG implementation schedule for ballast water management discharge standards. The two agencies share regulatory and enforcement authority regarding discharge of ballast water into waters of the United States. The Coast Guard previously issued a [policy letter](#) on the extension of the implementation schedule for vessels subject to ballast water management discharge standards, explaining the procedure for making such extension requests. The EPA recently issued a [memorandum](#) explaining its enforcement policy with regard to vessels that have obtained an extension from the Coast Guard. In that memorandum, the EPA notes that for vessels operating in accordance with the USCG extension and otherwise in full compliance with Vessel General Permit (VGP) requirements non-compliance with the 2013 VGP ballast water numeric discharge limits will be considered a low enforcement priority. *Note: This is classic good cop/bad cop procedure. Both agencies know that there is currently no approved ballast water management system available, but they are acknowledging that situation from different perspectives.* [Source: Bryant's Maritime Blog, 1/9/14]

Related article [here](#)

## WEEDS

1. [Invasive waterweed has Alaska ecologists, homeowners and aviators concerned](#) (12/28/13)

For several years, residents of the homes lining Sand Lake in South Anchorage watched as the water turned steadily greener. Tangles of weeds wrapped around the rudders of float planes and choked the canal area. The bottom of the lake eventually vanished from view.....

2. [Invasive Species Webinar Series Invasive Plants – Issues, challenges, and Discoveries](#)

The USDA Forest Service Rocky Mountain Research Station is pleased to announce a new webinar series, *Invasive Plants – Issues, Challenges, and Discoveries*. This free interactive

series, which includes seven webinars, will provide attendees with cutting-edge information about invasive plants and their management. We encourage land managers, professionals, scientists, and other interested people to attend. First webinar is **January 23, 2014** (title: Determining identity and origin of invasive plant species: how and why we do this research — John Gaskin)

## OTHER

### 1. [Alberta: Aquatic invasive species threat looms \(1/1/14\)](#)

At a November Oldman Watershed Council (OWC) meeting in Nanton, OWC planning manager Connie Simmons said that AIS are seen to be a major threat to water systems in Alberta, and the government is taking measures to try to keep them out.....

### 2. [Cold estimated to have killed half of snails in Capitol Lake, WA \(12/26/13\)](#)

The heavy cold snap earlier in December proved to be a big help to state officials trying to limit an unwelcome New Zealand mudsnail population that has infested Olympia's Capitol Lake. ....

Related Stories

[State Officials Seize Cold Snap, Freeze Out Invasive Snails In Capitol Lake \(audio, radio story\)](#)

[Bitter cold helps fight Olympia lake invaders \(video, TV story\)](#)

### 3. [Survey confirms green crab threat to fishery \(12/31/13\)](#)

Maine Department of Marine Resources Director of Public Health Kohl Kanwit recently presented to more than 600 researchers, entrepreneurs and Maine shellfish harvesters scientific verification that green crabs are threatening Maine's third most lucrative fishery — soft shell clams.....

### 4. [Why You Should Care About The Quest To Put DNA Barcodes On Every Species \(1/6/14\)](#)

At first glance, the rather grandiose-sounding International Barcode of Life (IBOL) project seems an arcane scientific exercise. But the database – which aims to create unique DNA identification “barcodes” for more than 5 million specimens, or about 500,000 of the earth's 1.8 million species by the end of 2015 – could play a role in commercial greentech applications ranging from food labeling to tracking **invasive species** to bio-monitoring at oil and natural gas facilities....

## 5. CDFW 'Eye on Invasives' Newsletter

The latest issue of this newsletter dedicated to informing the public about the activities related to invasive species in California can be found at <http://www.dfg.ca.gov/invasives/> (scroll to bottom of page, see "Volume 3 Number 2"). This issue included an article on the Boom And Bust of the Chinese Mitten Crab.

### FISH

#### 1. [Corps submits report to Congress with alternatives to prevent Asian carp and other species' transfer between the Great Lakes and Mississippi River basins \(1/6/14\)](#)

CHICAGO - The U.S. Army Corps of Engineers (Corps) submitted to Congress the Great Lakes and Mississippi River Interbasin Study (GLMRIS) Report Jan. 6, 2014. View the report at [www.glmris.anl.gov](http://www.glmris.anl.gov). The GLMRIS Report was authorized by Section 3061(d) of the Water Resources Development Act of 2007 (WRDA 2007), and modified by Section 1538 of the Moving Ahead for Progress in the 21st Century Act (MAP-21), directing the Corps to look at a comprehensive range of options and technologies available to prevent the inter-basin transfer of aquatic nuisance species (ANS) between the Great Lakes and Mississippi River basins through aquatic pathways.....

Related Stories

[8 options suggested to fight Asian carp, but lawmakers want more specifics \(1/6/14\)](#)

[Congressman Camp, Senator Stabenow, Great Lakes Advocates Say More Action Needed Following Release of Asian Carp Report \(1/6/14\)](#)

[Attorney general blasts Asian carp report, says it ignores invasive species' impact on Indiana \(1/10/14\)](#)

[PBS News Hour: Keeping Asian carp out of the Great Lakes will cost billions and take decades \(1/6/14\)](#)

[Bracing for Carp in Great Lakes, but Debating Their Presence \(1/4/14\)](#)

[Residents at hearing support plugging Chicago canal to stop Asian carp \(1/13/14\)](#)

#### 2. [MT FWP mulls rule for unauthorized introduction of non-native fish \(1/4/14\)](#)

HELENA - Montana Fish, Wildlife and Parks officials are proposing a new rule regarding the illegal or unauthorized introduction of fish into Montana's public waters. The new regulation aims to replace an internal policy that was set back in 2002, with hopes that the new proposed rule would improve FWP handling of unauthorized

introduction of non-native fish. The formal introduction will also open the rule up to public comment.....

3. [New DNA Test to Track Escaped Farmed Salmon \(12/30/13\)](#)

NORWAY - Scientists at Nofima have developed a new and effective DNA test for the detection of escaped farmed salmon, where they can link the DNA profile of escaped fish to the plant they escaped from.

## JOBS

**1. The Olympic National Forest** is currently advertising a position for a GS 07/09 Botanist, with the duty station located at the Supervisors Office in Olympia, Washington. This position is for a Botanist and Invasive Plant Program Coordinator, with staff responsibilities for developing, evaluating, and monitoring threatened, endangered and sensitive plant species and plant community and vegetation management programs, and the day to day planning and coordination of the Forests' Invasive Plant Program. This is a TERM position, which means the duration of the job is up to four years. The vacancy announcement and instructions on how to apply can be found at: <https://www.usajobs.gov/GetJob/ViewDetails/358539500>

**The announcement will be open 01/07/2014 – 01/21/2014**

If you have any questions, please contact Cheryl Bartlett at (360)956-2283, or Susan Piper at (360)956-2435.

## GRANTS

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

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

The Washington Department of Natural Resources (DNR) is announcing a small grants program for the control of noxious weeds and invasive aquatic plants for Washington State counties located outside of the greater Puget Sound region. This one-time funding is available only through the end of the 2013-2015 biennium, comprising one complete growing season, the spring and summer of 2014, with the funded elements being completed by June 30, 2015.) The primary contact for questions related to this program is Carol Piening and her contact information 360-740-6808; [carol.piening@dnr.wa.gov](mailto:carol.piening@dnr.wa.gov) .

**2. MT AIS Grants Available!** The Montana Department of Natural Resources and Conservation (DNRC) is offering grants for the control of aquatic invasive species. For an application and general information go to <https://dnrc.mt.gov/cardd/AIS/AISGrant.asp>. *Grant applications are due **March 14, 2014**.* Contact Alicia Stickney at 406-444-0547 or [astickney@mt.gov](mailto:astickney@mt.gov) for additional information. [Thanks Celestine Duncan]

## LEGISLATION/FEDERAL ACTIONS/BUDGET

**1. WA Aquatic Invasive Species Legislation:** Expect AIS legislation to be introduced in the coming week in the Washington State Legislature. Early indications are that first hearing will probably be in Senate Parks and Natural Resources, the week of January 20 on either Tuesday or Thursday. Check <http://www.leg.wa.gov/pages/home.aspx> for updates.

### [2. Water Resources Development Act](#) (1/13/14)

IS WRRDA ADRIFT? People might be losing their patience — lately MT has heard several rumors that the Senate-House conference on a water bill isn't going so well. Lawmakers have set and missed several informal goals. When it wasn't done in late 2013, the jam-packed year-end agenda was blamed —but it seems it's simply a matter of the negotiations dragging on. Rep. Robert Gibbs, chairman of the House Transportation Committee's water panel, admitted that the year-end goal was "aggressive." But what about going ahead? "I hopefully would have it done by the end of this month, but..." he said before trailing off and shrugging his shoulders. There aren't any "really big" issues left, Gibbs said, but "there's always a little something." In short, according to the Ohioan: "I don't really have much to tell you. I think it's still progressing, it's just slow." (source: *Politico*)

[Note: Further information on WRRDA can be found [here](#) (see page 5)]

## MEETINGS

### JANUARY

**1. 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. SAVE THE DATE!** Montana FWP will host an AIS Summit in Helena on February 5 & 6, 2014. An agenda and registration materials will be sent in January. Contact Linnaea Schroeer at [lschroeer@mt.gov](mailto:lschroeer@mt.gov) for more information.

## 2. 2014 Northern ID/Eastern WA Regional Lakes Conference - SAVE THE DATE!



**13<sup>th</sup> Annual Regional Lakes Conference**

- Who: Everyone interested in lakes and water
- When: Saturday, February 8<sup>th</sup>, 2014
- Where: Spokane Community College  
Lair Student Center  
N. 1810 Greene St., Spokane, WA 99207
- Are you interested in sponsorship, exhibit space, or presenting a project?

Contact Jeremy Jenkins, 509-922-5443 or [jjenkins@libertylake.org](mailto:jjenkins@libertylake.org)

- Stay tuned for conference details in the coming weeks!

   Washington State Lake Protection Association

**3. 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)

[4. Ballast Water Management Summit -- February 25-27, 2014, Renaissance Long Beach Hotel, Long Beach, CA](#)

## APRIL

### [1. 2014 WAPMS Conference Information](#)

The 33rd Annual Western Aquatic Plant Management Society conference will be held at the Peppermill Resort in Reno, NV on March 31 – April 2, 2014. Visit the [Conference Info](#) page for more information on registering, submitting titles and abstracts, and hotel reservations.

[2. 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