



AQUATIC INVASIVE SPECIES NEWS

02/04/2013

DREISSENID MUSSELS

[1. Tahoe Invasive species inspections stay the course \(1/25/13\)](#)

Nearly all boater fees will remain the same and efficiency at watercraft inspection stations around Lake Tahoe will be improved in an effort to keep the \$1.4 million Aquatic Invasive Species Watercraft Inspection Program in the black, Tahoe Regional Planning Agency officials said Friday.....

[2. Truckee officials working on fees for mandatory boat inspections at Donner Lake, CA \(1/29/13\)](#)

TRUCKEE, Calif. — Inspections on motorized and trailered vessels entering Donner Lake will be mandatory starting this spring as officials attempt to stay one step ahead in the battle to prevent invasive species from breaching popular water bodies in the Sierra.....

[3. Thousands of dead loons on northern Michigan shorelines might be linked to invasive species \(1/7/13\)](#)

The rapidly changing ecology of the Great Lakes Basin, brought on in large part by non-native, invasive species, is causing devastation among Michigan's waterfowl, especially common loons.....

[4. Estimating survival rates of quagga mussel veliger larvae under summer and autumn temperature regimes in residual water of trailered watercraft at Lake Mead, USA](#)

On 6 January 2007, invasive quagga mussels [*Dreissena rostriformis bugensis* (Andrusov, 1897)] were discovered in the Boulder Basin of Lake Mead, Nevada, a popular site for recreational boating in the southwestern United States. Recreational watercraft are considered a primary vector for overland dispersal of quagga mussel veliger larvae between water bodies. Thus, effective decontamination of veligers in residual water carried by trailered recreation boats is critical to controlling this species' spread. The survival rate of quagga mussel veligers was measured during exposure to environmental temperature conditions mimicking those experienced in the residual water of trailered vessels during warm summer and cooler autumn months in the semi-arid southwestern United States. Under warm summer conditions, quagga mussel veligers survived approximately five days while under cooler autumn conditions they survived 27 days. When tested under autumn temperature conditions veliger survival times increased with increased level of larval development. The results suggested a greater likelihood of veliger transport in the residual water of trailered watercraft during autumn months. The results indicated that presently recommended vessel quarantine times to kill all externally attached juvenile and adult dreissenid mussels prior to launching in an uninfested water body.

WEEDS

[1. Slay of the Triffids: Five invasive plant species rampaging across UK to be banned from sale \(1/29/13\)](#)

Rampant pond plants will be banned from sale to avoid a Day of the Triffids-style rampage through Britain, it was revealed today. Water fern, parrot's feather, floating pennywort, water primrose and Australian swamp stonecrop are all popular with gardeners for adding greenery to water features. But experts say they are so invasive they are threatening to take over the countryside – like the killer plants in menacing 1962 sci-fi movie *The Day of the Triffids*.

[2. Survival Odds Grim for Native Plants Fighting Invaders \(1/25/13\)](#)

Invasive species are winning in the battle for survival against some native plants in a California reserve, according to a new study. The research has troubling implications for plant hardiness, the scientists studying the plants said. While some researchers have believed the invaders merely supplement the native ecosystem, the new findings, published online earlier this month in the journal *Proceedings of the National Academy of Sciences*, show that a few of the original plants could die out in a few hundred years.....

MARINE

1. Tsunami Debris

[1. Tsunami Debris Docks provide Unique Opportunity for Scientists \(1/23/13\)](#)

Tsunami debris from Japan is fouling shorelines all along the west coast of the United States. It's also providing a unique research opportunity for scientists studying invasive species. At the Marine Science Symposium in Anchorage this week, Oregon State University associate professor Jessica Miller gave an update on her research work on the two massive docks that washed up in Oregon and Washington last year.

2. Japanese fishing boat latest tsunami debris to hit B.C. (1/28/13)

A B.C. environmental group has found another Japanese fishing boat near the northern tip of Vancouver Island, which they believe is part of the debris from the Japanese tsunami.

3. Rafting Across the Pacific: Invasive Species Coming to North America with Debris from the Japan Tsunami. (1/25/13)

By early January, experts had found between 30 and 50 plant and animal species on the dock, native to Japan but not the US, including algae, seaweed, mussels, and barnacles. Unfortunately, it's hard to predict which species will become invasive in a new ecosystem, and it's also impossible to tell if any of these species have made a new home here.

For more information on WA Tsunami Debris go to <http://marinedebris.wa.gov/>

2. Status update on marine and freshwater net pen fish farming in Washington State.

Washington Senate Agriculture, Water & Rural Economic Development Cmte.– January 24, 2013 (Video)

FISH

1. Invasive pike thriving on salmon, other species (1/24/13)

A federal and state study says northern pike that gobble up salmon fingerlings in Alaska streams can thrive long after that valuable species has been decimated. The study concludes that nonnative pike prefer juvenile salmon but will turn to other native fish when salmon are less abundant.....

2. Shocking Asian carp out of Midwest rivers not a viable option (12/19/2012)

WEST LAFAYETTE, Ind. – One of the more promising ideas for controlling or eliminating troublesome Asian carp populations in the Midwest's rivers is impractical and unsafe, according to a Purdue University researcher. Scientists had hoped to modify or expand low-voltage electrical barriers like those used around Chicago waterways to

direct fish from particular areas. Reuben Goforth, an assistant professor of aquatic community ecology in the Department of Forestry and Natural Resources, said the level of electricity needed to kill Asian carp eggs in the rivers where the invasive species has spread would be far too high.....

3. At benefit, eating snakehead to help the Chesapeake Bay (1/29/13)

There's no nice way to say this, no way to spare any feelings. The northern snakehead is one ugly fish. Seriously, just look at it. Like Lady Gaga says — baby, it was born this way, looking like a weird cross of three animals that strike fear in the heart: a Burmese python, a barracuda and an electric eel.....

4. To Aid Salmonids, Washington Mulls Lifting Bag Limits On Bass, Walleye In Portions Columbia/ Snake Rivers (2/1/13)

The Washington Fish and Wildlife Commission will next week ponder nearly 70 proposed sportfishing rule changes, including one that is intended to boost the harvest of walleye, smallmouth bass and channel catfish in the mid and upper Columbia and lower Snake rivers and thus reduce predation on protected salmon and steelhead. The WFWC will take public comment on proposed changes to the state's sportfishing rules during a public meeting Feb. 8-9 in Olympia.

OTHER

1. Felt Soles

From Center for Aquatic Invasive Species: "Legislative sessions are in full swing across the country and we are trying to track significant state legislation. So far we have not identified any new felt sole regulations that are being considered. However, that doesn't mean there are none. If we find any new felt legislation we will track it on our page about the Status of US Felt Restrictions - http://www.stopans.org/Felt_Bans.htm

2. Update to NEMESIS Database

The Marine Invasions Lab at the Smithsonian Environmental Research Center, Maryland, USA, has just released all of the species records for introduced crabs, shrimp and crayfish (29 species) in the continental US: <http://invasions.si.edu/nemesis/browseDB/searchTaxa.jsp>

3. Canada: Consultations on the Intent to Regulate Aquatic Invasive Species

Fisheries and Oceans Canada is developing a regulatory proposal to manage and control Aquatic Invasive Species (AIS) in Canada. The Department is seeking initial input

regarding the intent to regulate AIS generally, and is interested in identifying which stakeholders are currently affected by AIS or may be affected by AIS regulations in the future. The [online questionnaire](#) will be posted until March 1, 2013, and Fisheries and Oceans Canada will also be pursuing other opportunities for further consultations.

LEGISLATION

1. US Senate - bill introduced re Asian carp (1/24/13)

Senator Brown (D-OH) introduced a bill (S. 125) to direct the United States Fish and Wildlife Service, in coordination with the Army Corps of Engineers, the National Park Service, and the United States Geological Survey, to lead a multiagency effort to slow the spread of Asian carp in the Upper Mississippi and Ohio River basins and tributaries, and for other purposes.

Related House Bill (H.R. 358) -- Rep. McCollum's Bipartisan Bill to Fight Spread of Asian Carp Reintroduced ([Press Release](#), 1/23/13)

2. Bill passed to resume pumping water from Lake Texoma in 2013 (12/28/12)

DALLAS -- The U.S. House of Representatives and Senate each passed and President Obama signed a bill Friday that will allow the North Texas Municipal Water District (NTMWD) to resume pumping water from Lake Texoma. Pumping could resume as early as fall of 2013, depending on when a new \$300 million pipeline is completed to transfer water directly from the Texoma pump station directly to the water treatment plant in Wylie. The pipeline is needed to prevent the spread of zebra mussels. In October, News 8 found the City of Sherman was violating federal law by pumping drinking water out of Lake Texoma.....

3. Alaska State Rapid Response AIS Bill Introduced (1/28/13)

TITLE: "An Act relating to the rapid response to, and control of, aquatic invasive species and establishing the aquatic invasive species response fund."

WEBINARS

1. January 9, 2013. The 2013 North American Invasive Plant Ecology and Management Short Course (NAIPSC) is now open for registration. Similar to previous years, the 2013 NAIPSC Field Course will include presentations, hands-on workshops, site visits and instructor-led discussion sessions on the latest in invasive plant ecology and management. The NAIPSC Special Session for 2013 is on the topic of biocontrol. Registration can be done either online or by downloading a brochure from the NAIPSC website (<http://ipscourse.unl.edu>).

While there, be sure to check out the new NAIPSC Online Community that features relevant webinars, interesting articles, and opportunities to interact on any topic related to invasive plants.

Also new is the Invasive Weed Ecology Program, which has some interesting information and thoughtful insights on invasive plants. The third annual NAIPSC Field Course will be held June 25-27, 2013 at the University of Nebraska-Lincoln West Central Research & Extension Center in North Platte, NE. CEU and graduate student credit will be available.

2. Foreign Pest Exclusion at National Ports of Entry – The First Line of Defense against Introduced Invasive Species –**February 7, 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, <http://www.skamaniacounty.org/noxious-weeds/>

2. International Didymo Conference March 12-13, 2013 in Providence, Rhode Island.

Preliminary Program Agenda Now Available

We are pleased to share our draft program agenda for the International Didymo Conference. There is a great collection of plenary speakers, presentations, a poster session and a moderated management panel discussion. The draft program agenda is attached as well as posted online: http://www.stopans.org/Didymo_Conference_Agenda.pdf

Take advantage of our Early Bird Registration

Early registration of \$160 for the conference will end on **February 11, 2013**. After this date, the registration fee will increase to \$200. Register today at: <http://www.eventbrite.com/event/2884801519>

Book Your Room at the Providence Biltmore

Take advantage of the conference host hotel the Providence Biltmore. These gracious rooms are competitively priced at \$121 plus tax per night. Book your room by visiting the conference web page: http://www.stopans.org/Didymo_Conference_2013.htm and following the hotel link, or call the Providence Biltmore Hotel directly at 401.421.0700

or 800.294.7709 and request the "Invasive Species Meeting" group to receive the special room rate.

3. National Invasive Species Awareness Week March 3 – 8, 2013

Please mark your calendars for events in Washington, DC and around the country. State, federal and local and tribal officials meet with NGO's, industry and stakeholder groups addressing invasive species to examine laws, policies and creative approaches to prevent and reduce invasive species threats to our health, economy, environment and natural resources including special places.

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

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

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 **12/17/12**) at the ICAIS conference website 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

6. The Alberta Invasive Plants Council is holding the 2013 Annual Conference in Lacombe AB on Wednesday, March 20th 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

AUGUST

1. 8th International Conference on Marine Bioinvasions (8/20-22, 2013, Vancouver BC)

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.

