



AQUATIC INVASIVE SPECIES NEWS

12/19/2012

DREISSENIID MUSSELS

1. Two Dreissenid Articles

[A. Additional Zebra Mussels Collected in Iowa Great Lakes \(12/18/12\)](#)

SPIRIT LAKE, Iowa – Three additional juvenile zebra mussels were found attached to docks/hoists removed from East Okoboji Lake, increasing the likelihood that the invasive species may be establishing itself in the popular northwest Iowa chain of lakes.....

[B. More Zebra Mussels Found in Upper Chesapeake Bay \(12/17/12\)](#)

Maryland Department of Natural Resources (DNR) biologists found young zebra mussels attached to buoys off Havre de Grace on December 3. DNR is asking boaters and anglers to be on the lookout for this harmful, invasive mussel.....

2. Zebra Mussels found at CA Golf Course [Update]

Details:

State: CA

County: San Benito

Drainage: Pajaro (18060002)

Location: pond in Hollister at Ridgemark Golf Course [NOTE: Update from Dominique Norton, CDFG: Zebra mussels have only been found in a pump at the Ridgemark Golf and Country Club and not yet in a pond.]

Reason: This population was a result of untreated water from San Justo Reservoir (first documented in 2008 with zebra mussels).

More information on this specimen can be found:

<http://nas.er.usgs.gov/queries/specimenviewer.aspx?SpecimenID=293221>

More information on this species can be found:

<http://nas.er.usgs.gov/queries/SpResults.aspx?SpeciesID=5>

[Source: Auto-generated e-mail from the US Geological Survey - Nonindigenous Aquatic Species database]

3. Minn.'s invasive-species research center open for business (12/18/12)

One of the first major hires will be a zebra mussel expert, a researcher who might figure out how to slow and stop the spread of the mussels -- and maybe destroy the ones already here. Finding that person could take time. "There are very few of them out there," Sorensen said.....

WEEDS

1. PNW IPC's EDRR Citizen Scientist survey report

The Pacific Northwest Invasive Plant Council (PNW-IPC) received funding from the National Fish and Wildlife Foundation to develop a Citizen Science program. The goals of the program are to train citizen scientist to identify EDRR species and find new or undiscovered EDRR populations in order to:

- Support county, state and federal management agencies working to locate and eradicate invasive plant species
- Decrease newly established invaders
- Reduce cost and resources spent on management
- Decrease threats to biodiversity in PNW

The PNW IPC would like to share our end of year results from our EDRR (Early Detection Rapid Response) citizen Science survey reports. Volunteers conducted surveys in four Cooperative Weed management Areas (CWMA) spanning eight WA counties.

We had many successes in our pilot year:

- Coordinated with over 30 individuals from 8 agencies covering 8 WA counties
- Conducted 5 trainings in eastern and western WA
- Trained 93 volunteers to identify 30 EDRR species and conduct surveys

Unfortunately, our survey year started late because funding for the program came in much later than expected. Surveys did not begin until the end of July and continued until the end of October 2012. However, volunteers still made an impact:

# of Surveys conducted	# of Surveys that documented EDRR populations	Total Acres Surveyed	Volunteer Hours	Miles Traveled
59	20 (34%)	247	497	5,810

If you would like to get involved with our Citizen Science EDRR program, contact us at pnw.ipc.org@gmail.com, 615-812-5295, Website: <http://pnw-ipc.org/>

Source: Pacific Northwest Invasive Plant Council, List Serve Digest, December 2012

2. BMPs for Preventing the Spread of Invasive Plants – from the California Invasive Plant Council (Cal-IPC)

An ounce of prevention is worth a pound of cure, and spread prevention should be the first thing those working on weed management should dedicate themselves to! Cal-IPC has published two prevention BMP manuals, one for land managers and one for transportation and utility managers. We have lots of print copies of the land manager manual that we'd like to get out beyond California. We're charging \$10 each to cover printing costs. Please let us know if you can use some. Go to: <http://www.cal-ipc.org/ip/prevention/index.php>

California Invasive Plant Council | <http://www.cal-ipc.org/>
1442-A Walnut St., #462, Berkeley, CA 94709
info@cal-ipc.org | (510) 843-3902

Source: Pacific Northwest Invasive Plant Council, List Serve Digest, December 2012

MARINE

1. Tsunami Debris

1. Large dock washes up in Washington (12/19/12)

FORKS, Wash. — The Coast Guard on Tuesday spotted a large dock that has washed ashore in a remote section of Olympic National Park on the northwest Washington coast. Scientists are concerned it could be debris from the tsunami that struck Japan last year....

2. Cantwell pushes ahead on tsunami debris (12/16/12)

U.S. Sen. Maria Cantwell has pushed through new legislation intended to speed up the federal response to debris that washes ashore from the 2011 tsunami in Japan. Added as an amendment to the Coast Guard authorization bill — HR 2838 — the legislation creates a plan and directs the administrator of the National Oceanic & Atmospheric Administration to begin coordination of debris cleanup if there is a “severe marine debris event.”.....

3. Biologist: AK Tsunami debris overwhelming in spots (12/13/12)

Debris that gathered this past summer on Alaska's Kayak Island made walking on its beaches feel like walking through a natural disaster zone, a federal biologist said Thursday.....

FISH

1. Wisconsin scientists use lake mixer to drive out invasive species (12/13/12)

University of Wisconsin scientists are studying how mixing the water in a lake could eliminate an invasive fish. The technology works by moving large air bladders up and down the depth of a lake, mixing the water and raising its temperature to where it is intolerable for the fish, said Jake Vander Zanden, supervisor of the study.

A link to the study: <http://www.crystallakemixing.com/about.html>

OTHER

1. The Fungus Behind the Frog Apocalypse Hides in Crayfish (12/18/12)

.....Through a combination of lab and field experiments, Taegan McMahon from the University of South Florida has found that the fungus can infect freshwater crayfish, which can then pass their infections on to amphibians.

2. Chicago River has become invasive species super highway (12/15/12)

Standing on the banks of the Chicago River, you realize that maybe the best thing about this filthy waterway is that it was reversed over a century ago so it flows away from Lake Michigan instead of into it. Water isn't even the first thing you notice where the river merges with a notoriously fouled little tributary, dubbed Bubbly Creek for the gases still belching from untold tons of cow carcasses dumped into it by the city's old stockyards.....

MEETINGS/WEBINARS

1. Invasive Plant Webinar Series

Please join us for our ongoing webinar series focused on invasive species issues. We will be adding speakers and webinars weekly from now on so I encourage you to check back frequently to see what topics will be discussed. The webinar schedule can be found by going to our website www.invasiveplantcontrol.com and clicking on the "ipcwebsolutions" logo. If you have or know of someone that has a talk they would like to share, please e-mail Steven Manning at stevemanning@miondspring.com.

Webinars include:

- **December 18th and January 15th** - Weed Wash Systems: Which one fits your prevention plans? **Presenter:** Jennifer Vollmer
- **December 19th and January 15th** - Anticipating Success: What Happens After You Remove that Invasive from your Ecosystem - understanding and planning for succession.
- **January 8th** - Native Alternatives to Ornamental Invasives.
- **January 17th** - Updates to Washington State Noxious Weeds Laws and the 2013 Noxious Weed List

Source: Pacific Northwest Invasive Plant Council, List Serve Digest. December 2012

2. [International Didymo Conference](#)

March 12-13, 2013 in Providence, Rhode Island.

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

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.icaiss.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.icaiss.org/html/info_accomm.html



HAPPY HOLIDAYS