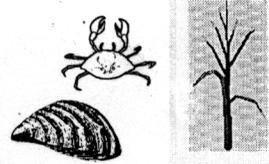


NUISANCE NOTES



Fall, 1999

Western Update, No. 9

Zebra Mussels and Eurasian Milfoil Move West

Zebra mussels and Eurasian Watermilfoil move to west. Zebra Mussels were identified in the Missouri River for the first time in April, 1999. A 1.1/2 inch zebra mussel was found on the intake of Mid America Power Company near Sioux City, IA. Zebra mussels were also found on a boat stopped at a 100th Meridian boat check station at Lake McConaughy, Nebraska. In both cases zebra mussels were isolated and no others were found in the immediate vicinity. Eurasian Watermilfoil has been found in Lake Sharpe, the Missouri River Reservoir that extends from Ft. Thompson onto Pierre. This is the first identification of Eurasian Watermilfoil in South Dakota. Voucher specimens will be deposited in the herbarium at South Dakota State University. Monitoring efforts are being stepped up to detect this plant in other waters of the state. For information contact David J. Ode (SDGFP) 605-773-4227.

California Ballast Water Management Legislation is Sent to Governor for Signing

California proposed statute AB 703 sets up a "mandatory NISA"-style program administered out of the State Lands Commission (which presently boards vessels to do inspections for oil pollution-related requirements). The program is not permit based, as the bill was originally written; instead, vessels are required to exchange ballast water in open ocean waters, where "exchange" is defined as in NISA; equivalent treatment is also an option. NISA's "good housekeeping" requirements are also made mandatory in the bill as well. Penalties are \$5,000/day per violation (with each day a continuing violation), and State Lands also has the authority to send a ship back out to sea to do a better exchange if they haven't complied with the law. Unlike NISA, this program is paid for through fees on the dischargers, capped at \$1,000 per vessel visit. This money will also pay for three reports: one technical review of the state of aquatic invasions in California coastal waters, one on technological solutions, and one on the effectiveness of a ballast water-exchange program. The bill has been sent to Governor Davis after passage by legislature. <http://www.sen.ca.gov/htbin/testbin/ca-search-bills-bn>

Pacific Coast Ballast Water Group Produces Draft Report and Recommendations on Ballast Water Management

The Report serves as a reference/educational document to inform the reader on ballast water management issues on the west coast. Additionally, the report makes a number of recommendations with the goal of eliminating, or minimizing as much as possible the discharge of viable exotic species from vessels. These recommendations include but are not limited to; conducting baseline inventories of nonindigenous species for all major Pacific Coast ports, pursue federal funds to conduct R&D on ballast water management technologies, adopt the Vancouver/Oakland protocols for the Pacific region, and expand the membership in the PBWG to insure that all stakeholders are involved in the decision making process. For information contact Mark Sytsma 503-725-3833.

Western Governor's Association Establishes the Undesirable Non-Indigenous Aquatic and Terrestrial Species Working Group

The Western Governor's Association(WGA) has established a working group comprised of organizations and agencies in the western United States to develop program to address undesirable non-indigenous aquatic and terrestrial species in the west. This working group is an outgrowth of the June 1998 resolution passed by the Governor's on invasive species. The working group will be meeting in Las Vegas, NV from Nov. 30-Dec.1, 1999 in conjunction with the WGA meeting. Paul Gertler, the WGA staffer working on development of this program can be contacted at 303-623-9378.

STATE UPDATE

ALASKA WRP State Contact Bob Piorowski (907465-6150).

ARIZONA Arizona Game and Fish Department is sponsoring an ANS Management Plan Workshop on November 8, 1999. State WRP Contact Larry Riley, AGFD (602-789-3258)

CALIFORNIA The draft National Management Plan was accepted by the ANSTF in August 1999. Since it has been warranted, the ANSTF will form a committee to review the draft plan and provide recommendations back to the ANSTF. A public review period will follow. The process should be completed by spring 2000. The Cal Fish and Game Commission has continued to decline requests to develop a commercial fishery for this economically valuable crab. Contact Kim Webb CALFED 209-946-6400 X311. State WRP Contact Randy Brown CA Dept of Water Resources (916)227-7531.

COLORADO Denver Metro Area Control of the aquatic noxious weed purple loosestrife in the Denver, CO area entered its 7th summer in 1999. The Colorado Division of Wildlife(CDOW) continued to coordinate the effort, providing control training and putting a 4-person crew in the field killing loosestrife for 2 months. The CDOW crew worked mostly on private lands while public agencies, mainly city and county governments, controlled the plant on their own property. Purple loosestrife occurs along three major streams in the Denver area, and at about 130 other isolated sites. Nearly every known purple loosestrife population in the metro area was controlled once again this summer, and the amounts of loosestrife returning at most sites is low. CDOW efforts were assisted by grants from the CO Waterfowl Stamp Fund and the CO Noxious Weed Management Fund this year. State WRP Contact Chuck Loeffler CDOW (303)291-7451).

GUAM Brown tree snake control and monitoring program in place. WRP Contact Michael W. Kuhlmann (671-734-3942).

HAWAII WZMTF Contact Myron Isherwood, Department of Agriculture Fax (808-973-9613).

IDAHO WZMTF Contact Bill Horton, Idaho Fish and Game Department (208-334-3791).

KANSAS KSU-USGS-BRD is initiating a study of impacts of Big Head Carp on native fisheries in the Missouri River. A Sericea Lezpedexa Work Group was established to coordinate regional activities to control this invasive weed. KS Boating Regulations posted on state web page include information to stop spread of zebra mussels http://www.boatsafe.com/Kansas/zebra_mussels.htm State WRP Contact Tom Mosher 316-342-0658.

MONTANA An invasive species state management plan steering committee is planned for Oct. 1999 in conjunction with the Yellowstone Bioinvasion Conference. A New Zealand Mud Snail research/management workgroup will meet on October 12, 1999 at 7:00AM at Mammoth Hot Springs Hotel. WZMTF Contact Tim Gallagher, (406-444-2448).

NEBRASKA Live zebra mussels were identified on a boat found at a 100th Meridian check station at Lake McConahey. The boat had traveled from the Great Lakes. A MO River States Zebra Mussel Workshop for water users is planned for spring 2000. Steve Scenist Nebraska Game and Parks(402-471-5443).

NEVADA Giant Salvinia identified in lower Colorado River. An emergency response team has been developed to eradicate Giant Salvinia in this area.

Recently adopted state Fisheries Program policy includes a section on management of ANS State WRP Contact Jon Sjoberg, NDW (702-486-5127).

NEW MEXICO New Mexico zebra mussel informational brochure is being prepared. WRP Contact Brian Lang, NM Game and Fish Dept (505-827-4628).

NORTH DAKOTA The North Dakota Water Education Foundation published a 3 page article on zebra mussels in August magazine. Monitoring continues for ANS. State WRP Contact Terry Steinwand North Dakota Game and Fish Department (701-328-6313).

OKLAHOMA No new infestations of zebra mussels. Hot summer weather(over 90 degree water temp) has reduced densities in the Arkansas. Presentation made to the OK Aquaculture Assoc. on zebra mussels and 100th Meridian. An 8 pd pacu(south african) fish was caught at Keystone Lake in August 29, 1999. WZMTF Contact Everett Laney, USACOE (918-669-7411).

OREGON Paul Hemowitz with Oregon Sea Grant will be giving a talk called "Aquatic Exotics - Friend or Foe" at the Hatfield Marine Science Center in Newport, OR on November 2, 1999. State Contact Andrew Schaedel Oregon Department of Environment.

SOUTH DAKOTA South Dakota Game Fish and Parks(SDGFP) is participating on the WGA's undesirable non-indigenous aquatic and terrestrial species working group. WRP Contact Dennis Unkenholz-605-733-6770 South Dakota Game, Fish and Parks Department

TEXAS Texas Parks and Wildlife Dept. is hosting the Western Regional Panel Meeting in Austin- Oct. 5-6, 1999. State WRP Contact Bill Harvey 512-389-4394.

UTAH Utah Invasive Species Work Group has distributed ANS information boater registration as well ANS signage and brochures. Boat wash stations are being built at Lake Powell NRA. Contact Randy Radant, Utah Division of Wildlife Resources (801-538-4812).

WASHINGTON WDFW hosted the ANSTF meeting in Olympia, WA in Aug. 1999. The ANS State Management Plan received NISA funding for implementation for 1999. Contact Scott Smith WDFW (360-902-2724).

WYOMING Interstate coordination meeting in August 1999 on Flaming Gorge NRA included ANS management WRP Contact Mike Stone, WGFD (307-777-4559).

TRIBAL CONTACTS

INLAND TRIBES Contact Michael L. Durglo, Jr. (406-675-2700)

ALASKA NATIVES Contact Adelheid Hermann, AL Board Member of NAFWS (907-246-8332)

COASTAL TRIBES Contact Derrick Tobba (360-651-4480)

PROVINCIAL CONTACTS

ALBERTA Contact Rob Burland, Alberta Environmental Protection (403-382-4015)

BRITISH COLUMBIA Contact Gary Caine, British Columbia Fisheries (250-897-7545)

MANITOBA Contact Wendy Rally, Manitoba Environment, (204) 934-8146. Contact Dwight Williamson, Manitoba Dept of the End. (204-945-7030).

SASKATCHEWAN Contact Rick Sanden, Saskatchewan Department of Environment and Resource Management (306-787-7812).

FEDERAL UPDATE

U.S. FISH & WILDLIFE SERVICE AN coordinators are available to provide technical assistance to state, federal, and private interests in regard to ANS. Region 1 (CA,OR,WA,ID, NE,HI) -Denny Lassey, Portland, OR (503-230-5973), Region 2(TX,NM,OK,AZ) - Bob Pitman, Tishomingo, OK (580-384-5710), and Region 6(MT,WY,UT,CO,ND,SD,NE,KS) - Linda Drees, Manhattan, KS(785 539-3474X20). Sharon Gross, Acting Natl ANS Coord. Arlington, VA.703-358-1718

BUREAU OF RECLAMATION The Bureau of Reclamation WZMTF homepage can be accessed at <http://www.usbr.gov/zebra/wzmtf.html>.

The Western Regional Panel on Aquatic Nuisance Species Page can be accessed at <http://www.wrp-ans.org> Contact Tracie Greene (303-445-2205).

NATIONAL BIOLOGICAL SERVICE Southeastern Biological Science Center The Center maintains a nonindigenous aquatic species geographic information system and current zebra mussel location maps. World Wide Web server (<http://www.nfrcg.gov>) or contact Amy Bensen (904-378-8181).

SEA GRANT The Pacific Northwest Marine Invasive Species Team (a partnership of Oregon and Washington Sea Grant) is in the process of developing a number of NIS outreach materials, including a regional "least wanted" identification brochure and a training video on early detection of new NIS invasions. For more information, contact Paul Hemowitz with Oregon Sea Grant (503-722-6718) or Nancy Lerner with Washington Sea Grant (206-616-8403). The National Sea Grant College Program New York Sea Grant maintains a aquatic nuisance species information clearinghouse and publishes an information review, *Dreissena polymorpha*. A corbicula library is now being developed. Contact Charles O'Neill, Jr. (716-395-2638). Minnesota Sea Grant. Minnesota Sea Grant is in the process of developing a boat inspection training video for use with boating and fishing public. Contact Doug Jenson (218-726-8712). CA Sea Grant continues to host series of ballast water education workshops throughout west coast. Contact Jodi Cassell CA Sea Grant(650-871-7559)

U.S. ARMY CORPS OF ENGINEERS Contact Jim Athern (503-808-3935). Contact Everett Laney (915-669-7411)

PUBLICATIONS

1. **ANS Digest** provides information on "many aspects of the aquatic nuisance species problem including, policy and management issues, current research efforts, and descriptions of specific species." Contact *ANS Digest*, Spring Hill Center, 725 County Road Six, Wazata, MN 55391 (612-449-0092).

2. **Legislation, Regulation and Policy for the Prevention and Control of ANS: Model Guidance for Great Lakes Jurisdictions**
<http://www.glc.org/ans/anspanel.html>

3. **Analysis of Laws and Policies Concerning Exotic Invasions of the Great Lakes**, and authored by retired U.S. Coast Guard Commander Eric Reeves, is now available electronically for public comment at: <http://www.deq.state.mi.us/ogl>

MEETINGS

Western Regional Panel on ANS Fall Meeting - October 5-6, 1999 Austin, TX. Contact Bill Harvey TXPWD 512-389-4642 of Linda Drees -785-539-3474X20

Aquatic Nuisance Species Task Force Meeting -December 1 & 2, 1999 - Washington DC area. Contact Sharon Gross -703-358-2025

10th International Zebra Mussel and other Aquatic Nuisance Species Conference, Toronto, CA - Feb. 14-18,2000 - 1-800-868-8776

Western Aquatic Plant Management Society Meeting - March 28-30th, 2000, Bozeman, MT - Contact Ron Crockett 360-892-9884

FOR MORE INFORMATION OR TO CONTRIBUTE INFORMATION TO "NOTES", CONTACT LINDA DREES,USFWS (785-539-3474X107), 315 Houston St. Suite E, Manhattan, KS 66502. Nuisance Notes will be published twice yearly: fall and spring. Linda_Drees@fws.gov