

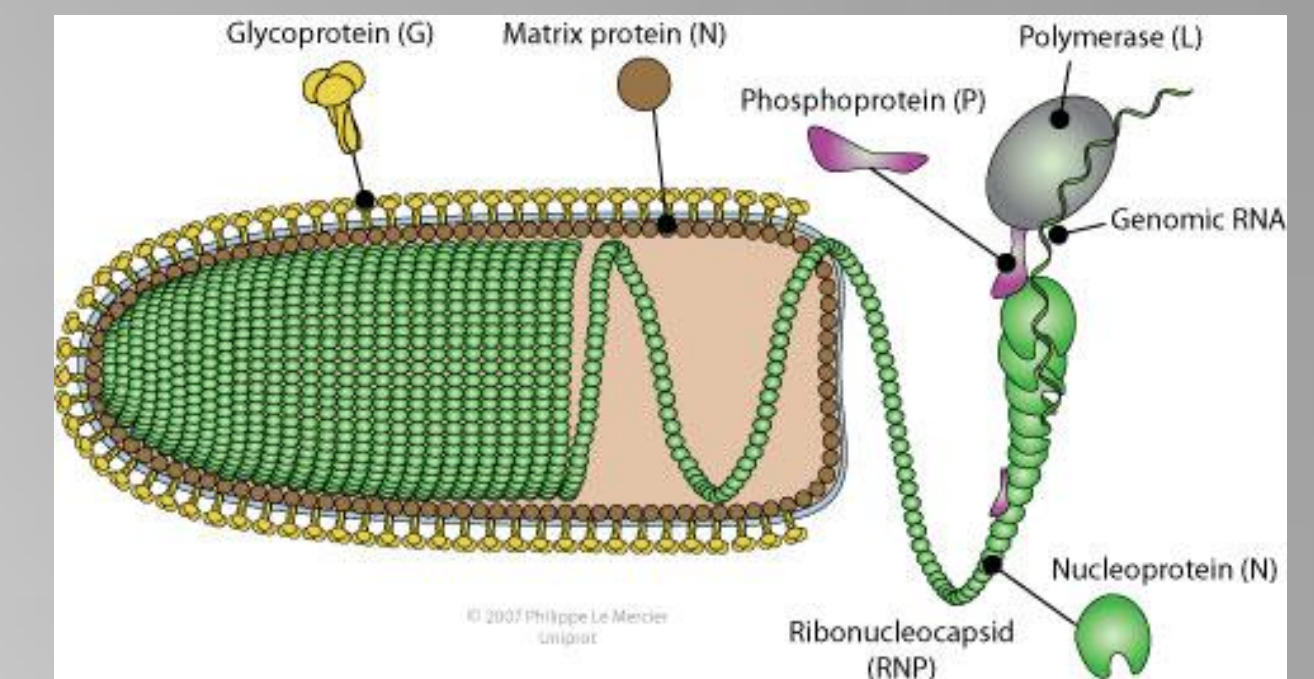
# Outreach Efforts: Getting the Word Out on VHSV IVb in the Great Lakes

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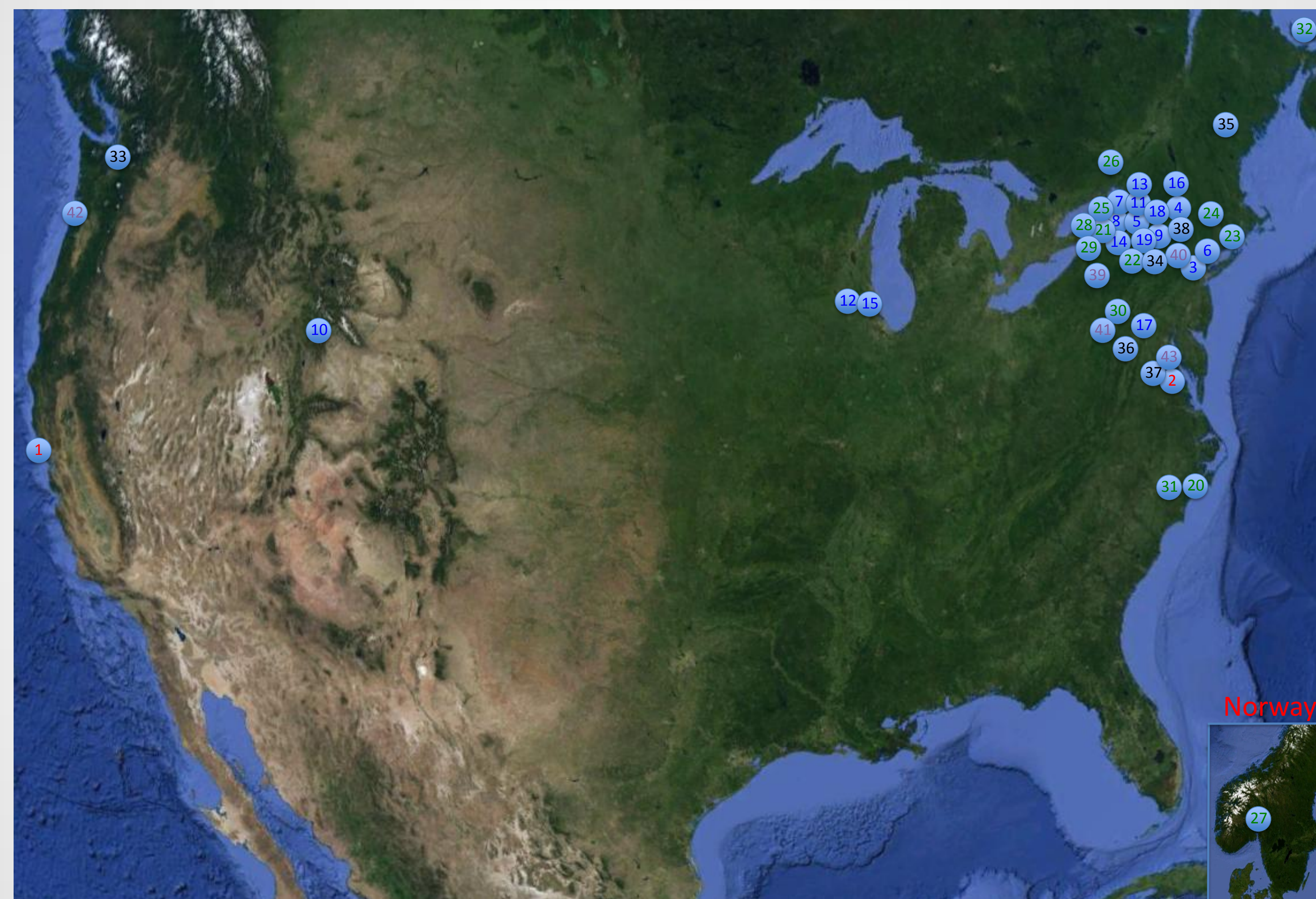
US Fish and Wildlife Service



## ABSTRACT

The emergence of VHSV Genotype IVb in the Great Lakes Basin can be characterized as a disease event where a new form of a pathogen previously known in rainbow trout in Europe as well as a variety of marine fish species was now infecting a variety of freshwater fish species in North America for the first time. It is a pathogen that was behaving quite differently from what is known from the literature. There was a critical need to move reliable new information not only to the scientific community, but also to the aquaculture community, governmental fisheries managers as well as regulatory agencies.

Since VHSV is an OIE (World Organization for Animal Health) reportable pathogen, there was a particular urgency that only the best information be presented in the most expeditious manner. To that end, fish health specialists and fishery biologists in New York partnered with our colleagues in New York Sea Grant, RI Sea Grant, PA Sea Grant and Lake Champlain Sea Grant, and the Northeast Regional Aquaculture Center (USDA/NIFA) as well as with other groups, to deliver an outreach effort that focused on VHSV and Aquaculture Biosecurity in the Northeast Region of the United States.



## PRESENTATIONS

### 2006

- 1 R.G. Getchell. Fifth International Symposium on Aquatic Animal Health. San Francisco, CA.
- 2 P.R. Bowser and J.W. Casey. (2 Presentations) USDA APHIS, Conference. Washington, DC.

### 2007

- 3 P.R. Bowser, G.H. Groocock and R.G. Getchell. (3 Presentations) Annual Meeting of the New York Chapter of the American Fisheries Society. West Point, NY.
- 4 P.R. Bowser. Fourth Annual All Conservation Conference. Albany, NY.
- 5 P.R. Bowser. Using Oneida Lake as an Example to Discuss Noxious and Invasive Species – Past, Present and Future Threats and Opportunities. Syracuse, NY.
- 6 P.R. Bowser. Pathobiology and Veterinary Science Seminar Series. University of Connecticut, Storrs, CT. Talk.
- 7 P.R. Bowser. Annual Meeting of the Oneida Lake Association. Cicero, NY.
- 8 P.R. Bowser. Great Lakes Basin Advisory Council Meeting. Syracuse, NY.

- 9 P.R. Bowser. New York State Federation of Lake Associations, Inc. Annual Conference. Hamilton, NY.
- 10 P.R. Bowser, J.W. Casey. Continuing Education Workshop, Annual Meeting of the Fish Health Section of the American Fisheries Society. Jackson Hole, WY.
- 11 P.R. Bowser. Cornell Biological Field Station Summer Seminar Series. Bridgeport, NY.
- 12 J.W. Casey. Viral Hemorrhagic Septicemia Conference. Madison, WI.
- 13 J.M. Farrell and G.E. Eckerlin. International Esocid Working Group Meeting. Clayton, NY.
- 14 R.G. Getchell. Viral Hemorrhagic Septicemia, Koi Herpesvirus, & Spring Viremia of Carp: Threats to the Finger Lakes? Canandaigua, NY.
- 15 R.G. Getchell. Viral Hemorrhagic Septicemia Virus Symposium. Madison, WI.
- 16 G.H. Groocock. Annual Meeting of the North East United States Animal Health Association. Saratoga, NY.

- 17 G.H. Groocock. Detection of Viral Hemorrhagic Septicemia in New York State. Eastern Fish Health Workshop. Gettysburg, PA.
- 18 G.H. Groocock. Cornell Biological Field Station Annual Open House. Bridgeport, NY.
- 19 G.H. Groocock. Empire Farm Days. Seneca Falls, NY.

### 2008

- 20 P.R. Bowser and J.W. Casey. Continuing Education Workshop, 33rd Eastern Fish Health Workshop. Atlantic Beach, NC.
- 21 P.R. Bowser. Neilly Lecture Series. University of Rochester. Rochester, NY.
- 22 P.R. Bowser. Aquaculture Information Meeting. New York State Department of Agriculture and Markets. Syracuse, NY.
- 23 P.R. Bowser, J.W. Casey and D.B. MacNeill. (3 Presentations) NY-RI Sea Grant VHSV Workshop. Naragansett, RI. (NY Sea Grant and RI Sea Grant)

- 24 P.R. Bowser and J.W. Casey. (2 Presentations) Biosecurity in Fish Farming Operations. NRAC/USDA. Turners Falls, MA.
- 25 G.E. Eckerlin. Annual Conference of the Great Lakes Research Consortium. Syracuse, NY.
- 26 R.G. Getchell and G.E. Eckerlin. (2 Presentations) Annual Meeting of the American Fisheries Society. Ottawa, ONT.
- 27 R.G. Getchell. VHSV in the Great Lakes: An Outbreak Description. VHSV Meeting. Oslo, Norway.
- 28 R.G. Getchell, S.A. Frattini, G.H. Groocock and P.R. Bowser. (4 Presentations) Annual Meeting of the New York Chapter, American Fisheries Society. Rochester, NY.
- 29 G.H. Groocock. NYSDEC State of the Lakes Meeting. Hamburg, NY.
- 30 G.H. Groocock and G.A. Wooster. Biosecurity in Fish Farming Operations. NRAC/USDA. Carlisle, PA.
- 31 R.G. Getchell. 33rd Eastern Fish Health Workshop. Atlantic Beach, NC.
- 32 G.H. Groocock. Annual Meeting of the Fish Health Section, American Fisheries Society. 9-12 June 2008. Charlottetown, PEI, Canada.

### 2009

- 33 G.H. Groocock. World Aquaculture Society Aquaculture America 2009. Seattle, WA.
- 34 P.R. Bowser and E.R. Cornwell. Biosecurity in Fish Farming Operations. NRAC/USDA. Edmeston, NY.
- 35 R.G. Getchell. Biosecurity in Fish Farming Operations. NRAC/USDA. Canaan, ME.
- 36 P.R. Bowser. Biosecurity in Fish Farming Operations. NRAC/USDA. Moorefield, WV.
- 37 D.B. MacNeill and P.R. Bowser. (2 Presentations) NOAA "Brown Bag" Seminar. (National Sea Grant Program)
- 38 P.R. Bowser, D.B. MacNeill and M. Malchoff. NRAC USDA. VHSV Biosecurity Workshop. Albany, NY. (NY Sea Grant and Lake Champlain Sea Grant)

### 2010

- 39 P.R. Bowser, D.B. MacNeill and S. Whitney. NRAC USDA. VHSV Biosecurity Workshop. Lamar, PA (NY Sea Grant and PA Sea Grant)
- 40 E.R. Cornwell. Great Lakes in Albany. Great Lakes Research Consortium Poster Session.
- 41 E.R. Cornwell and G.H. Groocock. 35th Eastern Fish Health Workshop. Shepherdstown, WV.
- 42 R.G. Getchell. 2010 Ocean Sciences Meeting. Portland, OR.
- 43 G.H. Groocock. ASM Biodefence. Baltimore, MD.