Publications


Reports


Presentations

Invited Lectures/Seminars:

Chick, J.H. – U.S. Environmental Protection Agency, Great Rivers EMAP Workshop – 2005

Contributed Presentations:


2006 Alex P. Levchuk, John H. Chick, Kim A. Medley, John E. Havel, Jeff D. Jack. Effects of mesh size on density estimates of copepods, cladocerans, and rotifers. Annual Meeting of the MRRC, La Crosse, WI.

2006 John K. Tucker. Common snapping turtle (chelydra serpentina) demographics. Annual Meeting of the MRRC, La Crosse, WI.

2006 Thomas Timmerman, Chad R. Dolan, John H. Chick. Habitat changes reflected in the diets of common carp (cyprinus carpio) from Swan Lake, Calhoun county, Illinois. Annual Meeting of the MRRC, La Crosse, WI.


2006 Gittinger, L.S., and J. E. Havel. Effects of turbidity and food levels on performance of native and exotic Daphnia. the Annual Meeting of the Ecological Society of America in Memphis, TN.


2006 O’Connell, M.T., A.M. Uzee O’Connell, V.A. Barko, and J.H. Chick. Silver carp (Hypothalmichthys molitrix) and bighead carp (H. nobilis) in the Mississippi River Basin: Occurrence data and dispersal patterns. The Invasive Asian Carps in North America: A Forum to Understand the Biology and Manage the Problem. Peoria, IL. (poster)


Research Support


2006  Environmental Monitoring and Assessment Program Great River Ecosystems (EMAP-GRE) - INHS/GRFS Field Work. United States Environmental Protection Agency - through the United State Geological Survey, Upper Midwest Environmental Sciences Center. Principal Investigator: John H. Chick. 1/01/06 to 12/31/06. $90,124.

2006  Long term resource monitoring on pool 26, Mississippi River: Request for fiscal year 2005 funds. United States Geological Survey - Biological Resources Division, Upper Midwest Environmental Sciences Center. Principal Investigator: John H. Chick. 10/01/05 to 12/30/06. $295,689.

2006  Long Term Resource Monitoring on La Grange Reach, FY’06. United States Geological Survey - Biological Resources Division, Upper Midwest Environmental Sciences Center. Principal Investigator: John H. Chick. 10/01/05 to 12/30/06. $290,747.

2006  Environmental Monitoring and Assessment Program Great River Ecosystems (EMAP-GRE) - INHS/ILRBS Field Work. United States Environmental Protection Agency - through the United State Geological Survey, Upper Midwest Environmental Sciences Center. Principal Investigator: John H. Chick. 1/01/06 to 12/31/06. $67,047.

2006  Illinois River Basin Watershed Assessment and Indicator Development. Illinois Department of Natural Resources. 10/01/04 to 03/31/07. $125,004.

Outreach (highlights)

Eric Ratcliff, Eric Gittinger, and Ben Lubinski gave a demonstration on fish sampling and John Chick discussed Mississippi River ecology and fish population dynamics for a Principia College Freshwater Ecology class. 11/8/05.

Eric Ratcliff provided information on the life histories and impacts of Asian Carp on native species to the owner of a fee fishing lake in Raleigh, North Carolina, 11/1/05.
Eric Ratcliff provided information on the life histories of Asian Carp to a concerned citizen in Chicago. 1/24/06.

Eric Ratcliff provided Asian Carp information and photos for an exhibit titled "Neobiota-In the tracks of the People" to be displayed at a natural history museum in Potsdam, Germany. 02/16/06.

Eric Gittinger provided information and is in the process of coordinating with CNN news a series of interviews to do a story about Asian carp. March 2006

Ben Lubinski discussed bighead carp with Clifton Jackson, fisheries biologist with the Arkansas Game and Fish Commission, and sent him pictures of bighead carp for their possible use in an exotic fish ID brochure. March 2006.

John Chick, Chad Dolan, Jim Lamer, and Tom Timmerman attend a meeting with personnel from the U.S. Army Corps of Engineers, U.S. Fish & Wildlife Service, and Southern Illinois University Carbondale to present and discuss research findings on Swan Lake.

Eric Ratcliff and Eric Gittinger gave presentations on fish ecology and large river ecology to 2000 middle school students at the annual Water Festival held at Lewis and Clark Community College, Godfrey, IL May 5, 2006.

John Chick, Chad Dolan, Jim Lamer, and John Tucker provide a lecture on backwater lake management and field trip to Swan Lake for Interns with the National Great Rivers Research and Education Center. May 29, 30.

Eric Ratcliff, Eric Gittinger, Ben Lubinsky, and Jim Lamer taught fish identification skills and gave presentation on fish ecology at the US Fish and Wildlife Services Two Rivers Fishing Fair, at Pere Marquette State Park, Grafton, IL June 10


Eric Gittinger was interviewed by Timothy Martin of the Wall Street Journal about the ecology and jumping behavior of Asian carp in the Mississippi and Illinois Rivers.

Eric Ratcliff provided information about Asian carp to a reporter from the Racine Times, Racine WI, July 13, 2006

Jim Lamer gave a live animal presentation of Illinois herptofauna at Delhi Elementary School, Delhi, IL. (September 2006).
Data and Specimen Requests (highlights)

Illinois Department of Natural Resources – LTRMP fish data (black bullhead, yellow bullhead, shovelnose sturgeon)
Illinois Department of Natural Resources - location data on the crawfish frog (Rana areolata)
Nebraska Game and Parks Commission – LTRMP Monitoring Procedures
Sheppard, Morgan & Schwaab (engineering firm)/City of Alton – LTRMP water quality data
U.S. Fish & Wildlife Service Two River Refuge – Swan Lake project data (macroinvertebrates, mussel fauna, aquatic vegetation, fishes, sediment hardness)
U.S. Army Corps of Engineers St. Louis District – Swan Lake project data (sediment hardness, GIS maps)
U.S. Fish & Wildlife Service Carterville Office – fish specimens
Triad High School, Troy Illinois - collection of preserved Mississippi River fishes
Southern Illinois University Carbondale – Swan Lake project data (sediment hardness, GIS map)
Arkansas State University - Illinois Chorus Frog (Pseudacris illinoensis) vouchers
Center for North American Herpetology - tissue from western chorus frog (Pseudacris triseriata), the spring peeper (P. crucifer), and the Illinois chorus frog (P. illinoensis)
University of Arizona - Tissue from Illinois western box turtles (Terrapene ornata)
Illinois State University - blood and tissue samples from the red-eared slider (Trachemys scripta elegans)
University of Illinois - red-eared slider (Trachemys scripta elegans) and snapping turtles (Chelydra serpentine)
Iowa State University – blood from red-eared sliders (Trachemys scripta elegans)
Iowa State University - map turtles (Graptemys spp.)
Iowa State University - hatchling red-eared sliders (Trachemys scripta elegans)