

Preliminary Announcement
For Proposed Workshop on

**Sturgeon Reproductive Biology:
Application to Stock Management**



This is a preliminary announcement to determine interest in participation in a workshop on sturgeon reproductive biology its application to sturgeon stock management planned for Sunday August 22, 2004 at the University of Wisconsin-Milwaukee WATER Institute in Milwaukee, WI. **Please respond with indication of your interest by March 19, 2004.**

Please e-mail your interest response by March 19 to: ronald.bruch@dnr.state.wi.us

The proposed workshop will provide updated material on the reproductive physiology of sturgeons and the application of field data on sturgeon reproduction to population management. Topics and laboratory demonstrations will include: the ontogeny and timetable of sturgeon reproductive development; of the relationship between environmental factors and sturgeon reproductive cycle; and a hands-on experience in identifying developmental stages of male and female sturgeon gonadal development through direct examination, and sturgeon-tailored ultrasound techniques.

The daylong workshop will be held Sunday August 22, 2004, in conjunction with the Symposium on Sturgeon Rehabilitation and Management to be conducted at the annual AFS meeting in Madison, WI August 23-26, and will include:

- Round trip coach bus service from Madison to Milwaukee
- Lecture and discussion on sturgeon reproductive physiology (Serge Doroshov, UC Davis)
- Lab exercises, including examination of samples of sturgeon gonads in various stages of development (Ron Bruch, WI DNR and Fred Binkowski, UW-Milwaukee WATER Institute)
- Demonstration of non-invasive ultrasound technique and equipment to sex sturgeon (Pamela Chislett NorthStar Medical Systems, and Mikhail Chebanov, Krasnodar Research Institute of Fisheries, Krasnodar, Russia)
- Color "Field Guide for the Identification of Stages of Gonad Development in Lake Sturgeon"
- "Sturgeon Spawning Induction Guide" (developed for a similar workshop held at the 4th International Symposium on Sturgeon, Oshkosh, WI, July 2001)
- Sturgeon age interpretation demonstration
- Tour of the WATER Institute
- Special luncheon of authentic Mexican cuisine including lunch, beverages and dessert

Anticipated Cost per Participant: \$120

Organizers:

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