



Southeastern Fishes Council Proceedings

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News and Notes

Southeastern Fishes Council

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News and Notes

regarding the "Tulloch Rule" involving Section 404 of the Clean Water Act have weakened the regulatory position of agencies monitoring instream sand and gravel operations.

John L. Harris

REGION VI - Southwest

The Fish Team at the Waterways Experiment Station - Jack Killgore, Jan Hoover, Phil Kirk, Steven George, and Bradley Lewis have been active as usual. Neil Douglas, Northeast Louisiana University, conducts fieldwork with the team, and catalogs and curates all specimens collected (NLU Museum of Zoology). Two student team members, Reid Adams and Jim Morrow, recently graduated from the University of Mississippi. Reid is now studying at Southern Illinois University and Jim has started his own consulting firm. Experimental habitat restoration techniques are under study by Jack, Steven, and Bradley. At Cypress Bayou, TX (Red River Drainage), effects of controlled water releases on spawning are being evaluated. Spring-summer hydrographs are varied each year; abundance, diversity, and chronology of larval fishes are documented so that water releases providing maximum benefits to fishes may be identified. Swimming performance studies of several fishes in laboratory streams were conducted this summer by Reid, Jan, and Jack. These included the endangered pallid sturgeon (*Scaphirhynchus albus*) and the Eurasian round goby (*Neogobius melanostomus*). Swimming endurance models were developed, and station-holding behaviors described, for both species. Studies provided insights into microhabitats likely to be inhabited by pallid sturgeon and of the possible containment of round goby dispersal. Model hydraulic barriers were created and installed in a circular laboratory racetrack by Bradley, and effects on containment of goby monitored by videography. Results indicated that low water velocities provided nearly 100% short-term containment of the goby. Morphological variation in chondrosteans is being studied by Steven. Ontogenetic variation in rostrum dimensions of paddlefish from the Big Sunflower River (Yazoo River Drainage) is described in a recently completed study. Ontogenetic and interspecific variation in morphometrics are being evaluated for lower Mississippi River Basin shovelnose and pallid sturgeons. Recent acquisition of some juvenile pallid sturgeons from Upper Missouri-Yellowstone, Lower Missouri, and Lower Mississippi-Atchafalaya hatcheries will allow some evaluation of intraspecific variation among populations.

Christine Davis (Northeast Louisiana University) is studying age, growth and reproduction of the scaly sand darter, *Etheostoma vivax* in a Gulf coastal plain watershed. Brian Hooper (NLU) is examining proportional stock density of largemouth bass *Micropterus salmoides* in Black Bayou Lake, an urban NWR. Continuing studies on gobioid fishes at NLU are fast making it the Sleeper Center of the Southeast. Taking

a cue from his student, Bryan Cage, who is finishing his thesis reviewing *Eleotris* from the eastern Pacific, F. Pezold is pushing his work on the Atlantic *Eleotris* to completion, typing the final draft of a revision of *Gobionellus* that includes a key to all the species being removed to *Ctenogobius* (most of them), finishing a revision of *Oxyurichthys* this summer with visiting scholar and gobiologist, Helen Larson of the Northern Territory Museum, Australia (one species occurs in marine waters off the SE US- *Oxyurichthys stigmalocephalus*) and starting a revision of *Dormitator* with Mike Taylor of Tulane.

Frank Pezold

Changes to Bylaws of the SFC Constitution

The following change has been made to the SFC By Laws. The entire SFC Constitution and Bylaws can be viewed at: <http://www.flmnh.ufl.edu/fish/sfc/sfcconstitution.htm>.

Article II. Section 5. Editorial Board.--The Editorial Board shall be comprised of the Editor, Associate Editor, and three Subject Editors. The Editor shall be responsible for managing all aspects of publication of the Proceedings of the Southeastern Fishes Council and other publications of the Council. The Associate Editor shall assist the Editor as needed in her/his duties and additionally shall be responsible for the budget and production of the Proceedings of the Southeastern Fishes Council and other publications of the Council. The Subject Editors, appointed by the Chair to four year terms, shall be responsible for obtaining reviews of manuscripts forwarded to them by the Editor, overseeing final revisions of manuscripts, and returning revised manuscripts to the Managing Editor for final processing. Subject Editors also would be responsible for soliciting high-quality manuscripts for publication in Proceedings of the Southeastern Fishes Council, including, but not limited to, reviews, syntheses, or papers to form series on specific topics.

25th Annual SFC Meeting

The Southeastern Fishes Council will meet with the Association of Southeastern Biologists at the University of North Carolina at Wilmington (UNCW), 14 - 17, April 1999. All ASB activities except the Thursday evening social and field trips will be held at the Wilmington Hilton Hotel and at the adjacent Coastal Convention Center in downtown Wilmington. For additional information, visit the ASB Meeting web site:

www.uncwil.edu/bio/asb/asbprog.htm

Southeastern Fishes Council Proceedings

Information For Contributors

The primary purpose of the *Proceedings* is to publish peer-reviewed research papers and critical reviews of activities; regional reports and notes; and other pertinent information pertaining to the biology and conservation of southeastern fishes. The *Proceedings* is also an outlet for range extensions, distributions, and status papers, covering ecology and conservation ichthyology. Life history studies, faunal surveys, management issues, behavior, genetics and taxonomy of southeastern fishes are appropriate topics for papers in the *Proceedings*. Review papers or information on imperiled waters or fishes are particularly appropriate.

Manuscripts should be submitted in duplicate. A good guide for manuscript preparation is the Sixth Edition of the *CBE Style Manual* available from the Council of Biology Editors, One Illinois Center, Suite 200, 111 East Wacker Drive, Chicago, IL 60601-4298.

The entire manuscript including the Abstract (required for longer articles), Introduction, Methods, Results, Discussion, Acknowledgments, Literature Cited, Appendices, Tables, and Figure Legends must be double-spaced. The title, author's name and author's address (including fax number and email address for corresponding author) should be centered on the first page. Indicate a suggested running head of less than ten words at the bottom of the first page. An Abstract (if necessary) will be placed at the beginning of the text. Acknowledgments will be cited in the text immediately before the Literature Cited. All references cited in the paper will follow the standard format of using the last name of the author(s) followed by the year of publication of the paper. In the Literature Cited, the references will be alphabetical by the author's last name and chronological under a single authorship. Literature cited should be standardized and abbreviated, using the *World List of Aquatic Sciences And Fisheries Serial Titles* or guidelines in *CBE Manual for Authors, Editors, and Publishers 6th ed.* for journals not included in the *World List*.

Tables should be typed on a separate page, consecutively numbered and should have a short descriptive heading. Figures (to include maps, graphs, charts, drawings and photographs) should be consecutively numbered and if grouped as one figure each part block lettered in the lower left corner. Computer-generated graphics should be high quality prints; for drawings, high quality prints or photocopies are preferred to the original line art. Legends for figures must be on a separate sheet and each figure must be identified on the back. The desired location of each table or figure should be indicated in the margin of the manuscript. When possible, tables and figures will be reduced to one column width (3.5 in), so lettering on figures should be of appropriate size. Color figures can be printed at the author's expense.

Manuscripts will be subject to editing and will be reviewed by at least two anonymous persons knowledgeable in the subject matter. The edited manuscript and page proofs will be furnished to the author. Upon returning the reviewed and corrected manuscript to the editor, a PC disk copy of the final form of the text, tables and computer-generated graphics is also requested. Specific formatting information for the disk will be sent to the author with the edited manuscript. Reprints can be ordered at the time of printing, and will be supplied to the author at the cost of printing.

Regional reports, news notes and other short communications will also be edited and included when possible in the next number.

Only manuscripts from members of The Southeastern Fishes Council will be considered for publication. There is no charge for publishing in the *Proceedings*. All manuscripts and short communications should be sent to the editor:

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Southeastern Fishes Council Web Site:

<http://www.flmnh.ufl.edu/fish/sfc/sfhomepage.htm>

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