

OKLAHOMA CHAPTER of the AMERICAN FISHERIES SOCIETY

Volume 25(1)

THE LATERAL LINE

June 2004

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PRESIDENT'S MESSAGE

This message comes at a time when many of us are preparing for, or are already in the middle of, summer field seasons. That's the case for me, and I'm finishing up one summer course and preparing for another, so I'll be brief. I just returned from teaching a 9-day class in Coastal Ecology in Southern Louisiana. Over the course of my 6 years in Oklahoma, I've lead more than a hundred field trips with students. This trip was a little longer than usual, but otherwise comparable; it included 9 students from Oklahoma that represented a typical cross section of abilities and backgrounds, and included a combination of presentations by experts in the field, observations of real-world situations, plenty of hands-on experience, and of course, the obligatory accountability in the form of tests and assignments. About 3 days into the trip I recognized a major difference in this trip from others I have made: I don't recall ever having had a group of students as ambitious and enthusiastic as this one. I don't know if that was luck, serendipity, the location, the subject matter, too much mosquito repellent, or some combination thereof that lead to this level of enthusiasm, but one thing I am sure of is that it made the trip an incredible success. I had them up most every morning at 6:00, and kept them busy until 10:00 or 11:00 every night, yet they worked hard and worked happily every day, and in doing so they created a better working and learning environment for themselves. It reminded me that enthusiasm and genuine participation go a long way in stimulating success. I learned a lot about the subject matter over the course of the trip, but maybe more importantly I brought home a few more general take-home messages: it gets increasingly difficult to physically keep up with early-20-something's, but it takes a surprisingly small amount of effort to keep up a high level of enthusiasm, that enthusiasm is contagious, and that enthusiasm leads to a higher quality of both product and satisfaction. It's easy to fall into a rut in any job, and those ruts can bog us down in mediocrity and malaise only if we let them. So don't! Bring enthusiasm to your work, to your life, and to your AFS membership. You and everyone around you will be glad you did.

Pres. Message Cont'd. - Ok, having addressed the chicken-soup-for-the-biologist stuff, there are two more topics I'll quickly address. First, the Chapter highlight of the past year was, in my mind, an incredibly successful Southern Division Meeting. For that, I'd like to thank all of the members that worked so hard to make it happen. All of the members of the steering committee put forth an incredible effort, and that effort was apparent both in the fluidity of the meeting and the comments I heard from numerous attendees. As Chapter president and as a Chapter member I would like to take this opportunity to express my sincere appreciation to the steering committee for a job well done, and I encourage all of you to do the same. Second, I would like to briefly address an upcoming meeting. In the hustle and bustle of the midyear meeting, we did not have our usual OKAFS Chapter business meeting. With that in mind, we have scheduled a Chapter business meeting for July 12, 10:00 AM, at ODWC's Oklahoma City office Auditorium. It will only take a couple of hours and I encourage everyone to attend. Our Chapter is only as strong as its membership, so please try to find the time to contribute your participation and thoughts to the direction of the Chapter. We'll address the outcome of the Southern Division Meeting as well as the usual topics: officer's reports, committee reports, awards, etc. Please mark this on your calendar and try to attend. Upon adjournment of that meeting, I will have completed my term, and Randy Hyler will assume the role of President. So I'll close by saying thanks, it's been a pleasure, and you all make the job both fun and easy! I hope to see you in July.

Tim Patton, OKAFS President

Activities, Fundraising Committee

Barry Bolton

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Oklahoma City, OK 73106
405/521-4646
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Continuing Education Comm.

Steven Spade

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byronfish@socencom.net

Environmental Concerns Comm.

Randy Parham

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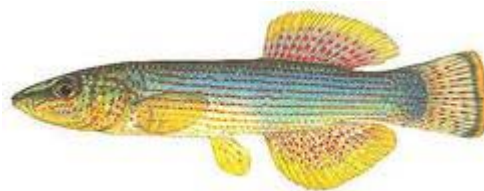
Awards Committee

Jim Burroughs

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jb_odwc@direcway.com

Who am I?



1. I am found in the Ouachita Mountains and Ozarks
2. I am found in quiet, shallow waters of clear mountain streams and rivers
3. My maximum length is six inches
4. I breed from May to August

Answer: Northern Studfish, *Fundulus catenatus*

BUSINESS MEETING ANNOUNCEMENT

Please mark your calendars.... The Oklahoma Chapter of the American Fisheries Society is scheduled to have a business meeting **July 12, 10:00 AM, in the Auditorium at the ODWC office in Oklahoma City.** We'll cover officer reports, report from the mid-year steering committee, committee reports, student sub-unit reports, awards, installment of new officers, etc. All members are invited and encouraged to attend.

COMMITTEE REPORTS

Activities Committee

Fund Raising Committee – Barry Bolton

No new information to report.

Environmental Concerns – Randy Parham

No new information to report.

Continuing Education - Steve Spade

No new information to report

Nominations and Awards Committee - Jim Burroughs

No new information to report.



UPCOMING MEETINGS

- **AFS 134th Annual Meeting.** August 21–26, 2004 in Madison, Wisconsin. The American Fisheries Society (AFS) will convene its 134th Annual Meeting at the Frank Lloyd Wright-designed Monona Terrace in downtown Madison, Wisconsin, from August 22nd through August 26th, 2004.

The theme celebrates Wisconsin's name (which has been translated as "gathering of waters") and Wisconsin's celebrated ecologist Aldo Leopold. Best known for his "land ethic" and as a pioneering figure in wildlife management, Leopold defined land as "a community" that explicitly embraced fish and water. In his writings he encouraged others to see land as he did: as soils, waters, plants, and animals "all interlocking in one humming community of cooperations and competitions, one biota."

Your hosts invite you to gather with professionals, with colleagues, with old friends, and with new friends on the Isthmus next summer to learn how Leopold's legacy has influenced the conservation of our aquatic resources in the past and to plan how it may influence the future. Visit: <http://www.afs2004madison.org/>

- **SEAFWA 2004.** The South Carolina Department of Natural Resources invites you to the 58th Annual Southeastern Association of Fish and Wildlife Agencies Conference, Hilton Head, SC, October 30 – November 3, 2004.

The fisheries session will include posters and oral presentations of peer-reviewed manuscripts on marine, estuarine, and freshwater fisheries topics, including but not limited to management, research, and culture.

Meeting details and registration information will be available online via the South Carolina DNR web site: www.scdnr.state.sc.us/seafwa.

- **4th Annual Fisheries Student Colloquium**, November 5-7, Marineland, Florida. Contact Mark Rodgers (mrogers@ufl.edu). <http://surf.ifas.ufl.edu/colloquium.htm>
- **Midwest Fish and Wildlife Conference**, December 12-15, The Midwest Fish and Wildlife Conference, hosted by the Indiana DNR, Division of Fish and Wildlife, will be held Dec. 12-15, 2004 at the Westin Hotel in downtown Indianapolis. Contact Bill Bean (bbean@dnr.state.in.us), Conference Co-Chair. <http://www.in.gov/dnr/midwest2004/index.html>

TREASURER'S REPORT

1 January 2003 – 31 December 2003

2003 Income/Expenses

1. Checkbook & Cash Balance (1-1-03)	\$3,563.12
Credits:	
2. Membership 42 @ \$5.00	\$210.00
3. Pond Booklets (28)	84.00
4. 2003 Annual Meeting Registration & Seminar Silent Auction	1,350.00 951.00
5. Total Credits	\$2,595.00
Expenses	
6. Sub – Unit reimbursement (Demo & newsletter)	203.30
7. Student Scholarships	440.45
8. Food and Drink (social and Banquet)	1,069.85
9. Meeting Rooms	151.87
10. Miscellaneous (Programs, meeting needs)	109.75
Total expenses	(\$1,975.22)
11. Ending Checkbook & Cash Balance (12-31-03)	\$4,182.90

Investments

12. Franklin Inc. Balance (12-31-02)	\$12,480.13
13. Dividends and Interest	1,754.87
14. Balance (12-31-03)	\$14,235.00
15. Global allocations Balance (12-31-02)	3,694.04
16. Dividends and Interest	259.96
17. Balance (12-31-03)	\$3,954.00

Mutual Funds and Defined Assets 2002

Franklin Fund - Unrealized gain or (loss) (\$1,378.00)*

* These amounts indicate the value of the mutual funds have drop from what we paid for them. In other words if you compare what we paid for the fund originally to the current market value of that fund. The gain or (loss) is not realized until the fund is sold.

The *OKLAHOMA CHAPTER AFS* was chartered on September 8, 1968.

The **mission** of the chapter is:

- To promote conservation, development and wise use of the aquatic and fishery resources of Oklahoma.
- To promote and evaluate the development and advancement of all aspects of fisheries science and management in Oklahoma.
- To gather and disseminate scientific, technical and other information about fisheries science and management to Chapter members and the general public through publications, meetings and other forms of communications.
- To encourage competent teaching of fisheries science and management in Oklahoma colleges and universities and promote the continuing education of Oklahoma fisheries workers.

OKLAHOMA AFS MEMBERSHIP FORM

NAME: _____
(last) (first)

AFFILIATION: _____

MAILING ADDRESS _____
(Dept, Bldg, Office, Street, PO Box, Route, etc.)

(City) (State) (Zip)

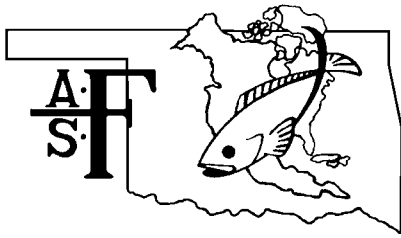
DAY PHONE: _____ E-MAIL: _____

MEMBERSHIP TYPE: 1 Year (\$5)_____ 2 Years (\$10)_____ 3 Years (\$15)_____ Life (\$50)_____

MEMBERSHIP STATUS: Professional_____ Student_____

COMMITTEES (please choose at least one): Activities____ Awards____ Continuing Ed____
Environ.. Concerns____ Fundraising____ Program____

Detach, make check payable to OK-AFS, and send to: **Brent Gordon**, OKAFS
Secretary/Treasurer, ODWC, P.O. Box 1201, Jenks, OK 74037



OKLAHOMA STUDENT CHAPTER of the AMERICAN FISHERIES SOCIETY

Volume 10(1) **THE LATERAL LINE STUDENT SUPPLEMENT** June 2004

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Vice-President

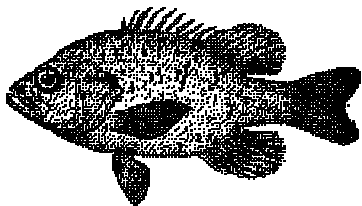
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PRESIDENT'S MESSAGE

Hello student AFSers! Apparently I've been elected for a second term as the Oklahoma Student Chapter president, since no one else was nominated.

Nick Utrup was elected for a second term as vice president, and **Heather Haugen** was elected as the new Student Chapter treasurer.

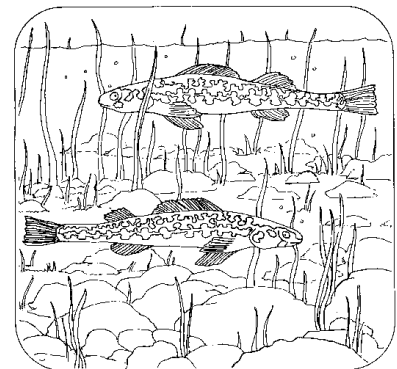
I would like to personally thank **Matt Mauck**, our former treasurer, for his involvement in Student Chapter activities during his stint as treasurer; Matt is currently employed by the Oklahoma Department of Wildlife Conservation. Hey Matt, how is that thesis coming along!?

Although the Student Chapter wasn't terribly busy this past semester, the activities we conducted and participated in were very successful. The Student Chapter raised ~\$450 from selling t-shirts at the 2004 Southern Division AFS meeting in Oklahoma City. I also thought the 9th annual Fisheries Techniques Demonstration was a great success, especially since it was held on the Illinois River and Spring Creek and participants had to shuttle between sites (see below). Congratulations and thank you to all members and non-members who helped out with both events!

As you all know, it's the hard work of the Student Chapter members that makes the activities we participate successful, and I look forward to participating in events planned for the upcoming school year.

Thanks for a great year!

Daniel Dauwalter
Student Chapter President



9th ANNUAL FISHERIES TECHNIQUES DEMONSTRATION

On March 27th of this year we held our 9th annual Fisheries Techniques Demonstration on the banks of the Illinois River and Spring Creek near Tahlequah, Oklahoma. This year's theme was "Fisheries management in fluvial systems" and covered methods that are typically used by biologists in assessing and managing stream and river fisheries. This year's demo was a great success. There were 33 registered attendees, of those, 2 signed up as new members and 4 renewed their membership. Students that participated were from Oklahoma State University, Northeastern Oklahoma State University, and Southeastern Oklahoma State University.

In the morning we started off discussing large river fisheries methods on the Illinois River. After a discussion on electrofishing safety by Dr. William Fisher from the Oklahoma Cooperative Fish and Wildlife Research Unit, students split up and were given an opportunity to boat electrofish, set and pick up hoop nets, tag fish, learn about age and growth analysis, and use radio telemetry. At lunch, OKAFS president Randy Hyler discussed stream habitat restoration and demonstrated this by showing the students how rock veins have stabilized the bank and created habitat on the Illinois River. After lunch we traveled to Spring Creek to discuss methods for managing and assessing small stream fisheries. Students split up into groups and participated in electrofishing using an electric seine, fish identification, habitat classification and delineation, seining, and macroinvertebrate sampling and identification.

This event is held at a different location each year to allow students from other universities to participate. If anyone has suggestions for next year's location and techniques please let one of the officers know.

OTHER OUTREACH EVENTS

- In January the Student Chapter gave a seminar on introduced fishes in Oklahoma during one of the OSU Zoology Graduate Student Society's Lunchtime Seminar Series. We also served fish etouffee and raised a few dollars.
- The Student Chapter also helped organize student workers in February at the 2004 Southern Division AFS meeting in Oklahoma City, OK.
- The Student Chapter participated in Earth Day on the OSU campus, and shared information about AFS with students. T-shirts were also sold.

OKAFS BUSINESS MEETING ANNOUNCEMENT

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TREASURER'S REPORT

1 February 2004 – 31 May 2004

TILL ACCOUNT

<u>Starting Balance</u>	\$ 117.07
Credits	
OKAFS Loan for T-shirts	\$1200.00
SDAFS T-shirt Sales	\$1644.75
Techniques Demonstration	\$ 159.89
Earth Day T-shirt Sales	\$ 52.00
TOTAL	\$3173.71
Debits	
SDAFS T-shirts	\$1196.50
Techniques Demonstration	\$ 110.17
Miscellaneous (copies, postage, calls, etc.)	\$ 40.75
TOTAL	\$1801.52

TRANSFERS

<u>Transfer from Till to Student Account</u>	\$1609.83
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STUDENT ACCOUNT

<u>Starting Balance</u>	\$ 129.09
Credits	
Transfer from Till	\$1609.83
TOTAL	\$1738.92
Debits	
Membership Fee	\$ 15.00
TOTAL	\$1723.92
Transfers	
None	\$ 0.00

SUMMARY

Till Account	\$216.46
Student Account	\$1723.92
TOTAL	\$1940.38

STUDENT CHAPTER NEWS

- OSU students **Daniel Dauwalter**, **Jason Schaffler**, **Matt Mauck**, **Nick Utrup**, and **Sherri McClure**, gave presentations at the 2004 AFS Southern Division Meeting in Oklahoma City; **Nick Utrup** gave the 2nd best student presentation! **Nick Utrup** gave a presentation at a Midwest/Ozark SETAC meeting in LaCrosse, WI, and at TerrAqua at Ohio State University, Columbus, OH.
- **Nick Utrup** was inducted into the honor society of Phi Kappa Phi on April 15th.
- Former Student Chapter treasurer **Matt Mauck** is now working for the Oklahoma Department of Wildlife Conservation.

Oklahoma Student Chapter AFS 9th Annual Fisheries Techniques Demonstration

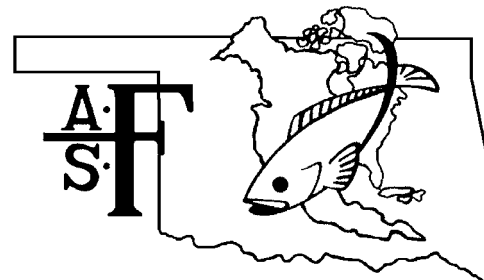


Dr. William L. Fisher (Left), Oklahoma Coop. Fish and Wildlife Research Unit, started off the day with a discussion of electrofishing safety

Student Chapter President, Dan Dauwalter (Right), demonstrated stomach content extraction using plastic tubes



Kyle Winters (Left), Student Chapter Member, demonstrated how to press fish scales, and discussed age and growth techniques





Techniques Demonstration participants (Left) cruised up the Illinois River to pick up hoop nets

OSU student, **Dena Hartzell** and **Stacey Davis** (Right), cooked up hamburgers for lunch



ODWC Streams Biologist, **Randy Hyler** (Left), discussed stream habitat enhancement, restoration, and erosion control techniques

Participants (Right) also received hands-on experience tagging fish with Floy t-bar and dart tags





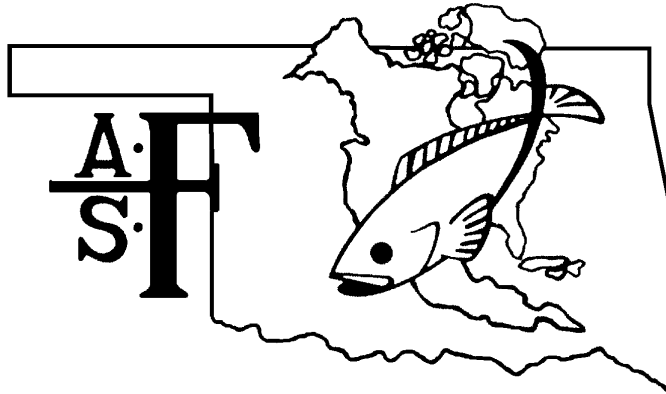
Students collected fish from Spring Creek with an electric seine (Left)

Student Chapter Vice President, **Nick Utrup** (Right), demonstrated how to map stream habitats using GPS technology



Students collected, sorted, and identified macroinvertebrates from Spring Creek (Above and Right)





OKLAHOMA CHAPTER OF THE AMERICAN FISHERIES SOCIETY

THE LATERAL LINE

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