



OKLAHOMA CHAPTER of the AMERICAN FISHERIES SOCIETY

Volume 24(1)

THE LATERAL LINE

June 2003

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PRESIDENT'S MESSAGE

Over the course of the spring I had the pleasure of attending two meetings that address resources near and dear to me. The first was the Annual Meeting of the Oklahoma Chapter of the American Fisheries Society and the second was the Annual Meeting of the Oklahoma Clean Lakes Association. It seems I always approach meetings with about the same level of anticipation and enthusiasm year after year, a level admittedly somewhere around mediocre. No doubt this lack of an appropriate level of enthusiasm comes from the feeling that I have too much work to do and probably should stay in the office to pursue the ever-elusive goal of "getting caught up" (yeah, right). But, as usual, after listening to numerous high-quality presentations and conversing with colleagues with an array of expertise, I leave with a sense that is more adequately described as fervor.

Aside from the value of the technical information and networking garnered from these meetings, I'm reminded there are a lot of dedicated people working towards a common goal. And perhaps most importantly for me, these meetings serve as something of an energizer, kind of like the occasional riffle that picks up the momentum of the otherwise energy-dissipating stream. I left the meetings, as usual, with new ideas and a renewed passion and energy for my own work (not to mention a sleep deficit and slight headache, but that's another story). As such, being a participant, and not just a member, of AFS just seems to make me a better fisheries scientist than I would otherwise be.

And meetings are not the only AFS activities that can fan the coals. Every time I have reviewed a manuscript, served on a committee, or held an office, I'm left with a feeling of accomplishment and a sense of belonging.

Every time I've asked a fellow AFS member to help with a task or serve in some function, they have agreed, whether that task has been something as simple as reviewing a paper or as daunting as hosting a meeting. If you have been an active participant you probably know exactly what I'm talking about. If you're a relatively new member, or if you've been a member for a while but have not capitalized on

opportunities to participate, I encourage you to do so. Being a participant is so much more rewarding than being an observer.

We, as a Chapter, have the privilege of hosting the Southern Division meeting next year. I see this as an extension of the idea expressed in the preceding paragraphs. This will certainly be a lot of work, and our dedicated steering committee has already made great progress in that direction. This Division meeting is a chance for our Chapter to collectively make a contribution to the Society. The concept of emergent properties applies: the whole is greater than the sum of the parts. Our individual contributions are essential, and our collective contribution can be substantial. The bottom line: *participate* in AFS at whatever level you can. Sometimes it will be tiring, most of the time it will cut into time you could spend doing something else, but it will *always* be appreciated, rewarding, and gratifying. Participation gives us a *sense* of membership, not just a membership card.

Tim Patton, President
OKAFS

UPCOMING MEETINGS

- The 133rd Annual meeting of the American Fisheries Society is on August 10-14th, 2003 in Quebec City, Quebec, Canada. Meeting details can be found at: http://www.fapaq.gouv.qc.ca/fr/AFS_congres/accueil.htm. The Continuing Education Committee has worked with a variety of well qualified providers and has developed an amazing suite of educational opportunities which will be offered August 9-10, 2003. Opportunities include: Effective Educational Web Design, River Morphology and Restoration Overview, Basic GIS Techniques for Fish Biologists, Advanced GIS Techniques for Fish Biologists, Principles of Electrofishing, Aquatic Nuisance Species & Hazard Analysis & Critical Control Point (HACCP), Improve Your Fisheries Photography, and Principles of Leadership: Personal Paths to Effective Leadership. Registration is limited to the meeting registration form. Please register as early as possible. All courses, workshops and seminars offered will be eligible for Professional Development Qualifying Points (PDQPs) and Continuing Education Units (CEUs) to AFS members in accordance with Certification guidelines. More information on continuing education workshops is available just contact Cindy Williams, CE Chair at 406-247-7719, or
- Carolina Franco, Units Coordinator at 301-897-8616 ext.: 201. Thirty-eight symposia have also been tentatively accepted.
- 57th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies - October 11-15, 2003 in Mobile, Alabama. See: <http://www.dcnr.state.al.us/seafwa2003/>
- 2004 Southern Division AFS Spring Meeting - February 26-29, 2004 in Oklahoma City, Oklahoma. <http://members.cox.net/gregsumm/>
- The Fourth World Fisheries Congress to be held in Vancouver, British Columbia, Canada from May 2 - 6, 2004. The Congress will be headquartered in the historic Fairmont Hotel Vancouver and the newly renovated Hyatt Regency Vancouver, located in the heart of downtown Vancouver. The Congress theme, *Reconciling Fisheries with Conservation: The Challenge of Managing Aquatic Ecosystems*, will be addressed by a world class list of Keynote speakers, session topics, posters, limited presentations, round table discussions, forums, workshops, and debates. Details can be found at: <http://www.worldfisheries2004.org/home.htm>.

*Activities Committee
Fundraising Committee*

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Continuing Education Comm.

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Environmental Concerns Comm.

Randy Parham

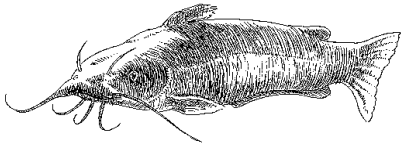
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Awards Committee

Jim Burroughs

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Who am I?



1. I have white chin barbells
2. I have 24-27 anal rays
3. I have a straight caudal fin margin
4. I have a free adipose fin
5. My pectoral spines have sharp serrations on posterior edges

Answer: Yellow bullhead, *Ameiurus natalis*

OKLAHOMA CHAPTER AMERICAN FISHERIES SOCIETY ANNUAL BUSINESS MEETING MINUTES

7 February 2001

- 1) **Call to order** - The meeting was called to order by President Dana Wilkelman. Jeff Boxrucker gave an update on next years Southern Division meeting in Oklahoma City.
- 2) **Committee Reports**
 - a) **Program committee** - Dana Wilkelman
 - i) There were over 160 that attended this years meeting, which included the farm pond workshop.
 - b) **Treasures Report** - Brent Gordon (see page 5)
 - c) **Activities committee** - Barry Bolton
 - i) Talked about how well the silent action has worked for us this year and in years previous, and thanked everyone for their support.
 - d) **Continuing Education committee** - Steve Spade
 - i) Steve wanted suggestions on workshops for next year's meeting.
 - ii) Greg Summers mentioned that several people talked about a joint meeting, and if that is what we want to do we have to start planning right away.
 - e) **Newsletter** - Maureen Walsh
 - i) Maureen said every thing was going well with the newsletter, and asked if anyone had suggestions to just let her know. And, she said that Daniel Dauwalter would be taking over the newsletter.
 - f) **Awards Committee** - Kim Erickson (B. Bolton for K.E.)
 - i) Thanked those on his committee and asked if there should be something a little more noteworthy about the fisheries worker of the year award.
 - ii) Greg Summers thought we should not eliminate someone who has already won the award.
 - iii) Barry Bolton said that there was no rule saying they can not do so, and brought the idea of giving two awards: a fisheries worker of the year and a lifetime achievement award.
 - iv) Gene Gilliland asks if the recipient had to be a member, or if some one outside the chapter could receive the award.

- v) Greg Summers felt like that would be a good idea and would be willing to leave it up to the awards committee to decide that.
- vi) Jim Burroughs was nominated and seconded as the new committee chair for the awards committee.

3) New Business

- a) Dana Wilkelman recognized Tim Patton for his efforts and a job well done on this years OKAFS meeting.
- b) Nominations of new officers.
 - i) Randy Hyler - President Elect.
 - ii) Greg Summers made a motion to close nominations.
 - iii) Gene Gilliland seconded the motion.
 - iv) The motion carried.
- c) Student report
 - i) President - Maureen Walsh.
- d) Greg Summers addressed the members on the current status of hosting the 2004 midyear SDAFS meeting.
 - i) Facilities - the Westin in OKC will be the location of the meeting and will run \$89 a room regardless of occupancy.
 - ii) There is plenty of meeting space available.
 - iii) Dates are February 25 – 29, 2004.
 - iv) Greg said he had a draft of the contract with Westin if anyone would like to see it.
 - v) Dana Wilkelman made a motion to

accept the list and Keith Thomas seconded it.

- vi) The motion carried.
- vii) Greg then gave an overview of what the midyear meeting is about.

e) OKAFS Website.

- i) Daniel Fenner discussed what still needed to be done still and explained that Netscape had told him what he should do. He would be done with it in a month.
- ii) Dr. Starks stated the importance of keeping the website current.
- iii) Gene Gilliland offered to assist and help keep it current.
- iv) Dana Wilkelman said he would check on prices of what it would cost to outsource the webmasters job.

f) 2003 OKAFS Meeting

- i) Bill Wentroth pointed out that it is about time to have a joint meeting with someone and Tim Patton said he would check on it.

4) Old Business

- a) Barry Bolton thanked everyone for the raffle items and everyone's efforts.
- b) Gene Gilliland made a motion to adjourn and Keith Thomas seconded it.
- c) Motion Passed and the meeting was adjourned.

Contributions to *The Lateral Line* are always welcome. Any information of interest to chapter members is appropriate and appreciated. Please send information that you would like to appear in the next issue to: Daniel Dauwalter, OK Cooperative Fish and Wildlife Research Unit, 404 LSW, Oklahoma State University, Stillwater, OK 74078; phone 405/744-6342; fax 405/744-5006; E-mail: dauwalt@okstate.edu

TREASURER'S REPORT

1 January 2002 – 31 December 2002

| | |
|---|---------------------|
| 1. Checkbook Balance (1-1-02) | \$4,849.86 |
| <u>Credits:</u> | |
| 2. Membership 42 @ \$5.00 | \$ 210.00 |
| 3. Pond Booklets (78) | 234.00 |
| 4. 2002 Annual Meeting Registration & Seminar | 2,150.00 |
| 5. T-Shirt Sales | 145.00 |
| 6. Silent Auction | 921.50 |
| 7. Donations | <u>200.00</u> |
| (Conoco) | |
| 8. Total Credits | \$3,860.50 |
| <u>Expenses</u> | |
| 9. Sub – Unit reimbursement (Fountain Head Demo & newsletter) | 203.30 |
| 10. Student Scholarships | 440.45 |
| 11. T-Shirt purchases (Sub-Unit) | 423.61 |
| 12. Food and Drink (social and Banquet) | 1,077.55 |
| 13. OSU (Meeting Rooms) | 151.87 |
| 14. Miscellaneous (Programs, meeting needs) | 109.75 |
| 15. Coffee mugs | 418.32 |
| 16. Guest Speakers (pond workshop) | 369.60 |
| Total expenses | (\$3,194.45) |
| 17. Ending Checkbook Balance (12-31-02) | \$5,515.91 |
| <u>Investments</u> | |
| 18. Franklin Inc. Balance (12-31-01) | \$ 11,608.65 |
| 19. Dividends and Interest | <u>871.48</u> |
| 20. Balance (12-31-02) | \$12,480.13 |
| 21. Global allocations Balance (12-31-01) | 3,644.29 |
| 22. Dividends and Interest | <u>49.52</u> |
| 23. Balance (12-31-02) | \$3,694.04 |
| <u>Mutual Funds and Defined Assets</u> <u>2002</u> | |
| 24. Franklin Fund - Unrealized gain or (loss) | (\$1,971.00)* |
| 25. Global Allocation – Unrealized gain or (loss) | (788.00)* |

* 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.

CONGRATULATIONS!!

On February 6-7 at the Annual Meeting in Tahlequah, Oklahoma, the following awards were received:

- Outstanding Fisheries Worker of the Year: **James Vincent**, Oklahoma Department of Wildlife Conservation.
- Best student paper: **William Baker** and **Jeff Boxrucker**. Determination of striped bass spawning locations on the two major tributaries of Lake Texoma.
- Best professional paper: **Randy Hyler**, **Paul Balkenbush**, **Mark Dunham**, and **James Vincent**. Design and installation of five J-hook rock vanes at Spring Creek.
- Jimmie Pigg Student Travel Scholarship: **Jason Schaffler**, Oklahoma State University

Congratulate these folks for their hard work!

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_____

Environmental 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

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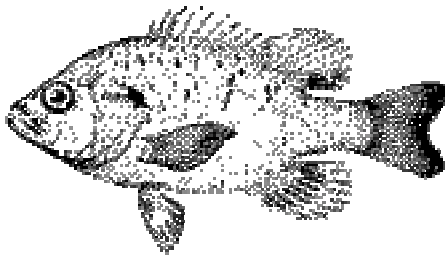
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PRESIDENT'S MESSAGE

As the newly elected president of the Oklahoma Student Chapter of AFS – Howdy, and thanks for the election!!

Nick Utrup from Oklahoma State University was elected as the new Vice President. Matt Mauck, also from OSU, was elected for a second term as the Secretary/Treasurer.

Past-president Maureen Walsh, a.k.a. Mo, has FINALLY graduated from Oklahoma State University, and has accepted a post-doctoral opportunity at the University of Georgia. Congratulations and Go-Mo!!! As most of you know (or should know), Maureen has been instrumental in keeping the Student Chapter alive and active, and she has been actively involved in all chapter activities since she arrived at OSU. I think we should all thank Maureen for the work she has done for the Student Chapter; send her an e-mail at wmauree@okstate.edu. It will be almost impossible to fill Maureen's shoes; lucky for me she has small feet!

Finally, I would like to challenge all of you to participate more in Student Chapter activities. We have over 40 student members from multiple universities in Oklahoma, but I estimate that only about 5 members participate in Student Chapter activities on a regular basis. As a result, the Student Chapter can only undertake a certain number of activities and events. If more of us would actively participate, than the Student Chapter could be more active overall!! Participating in AFS at any level is commended by fisheries professionals everywhere, and helps build professional skills that you will need when you land your dream job. Be active!

Dan Dauwalter
President,
OK Student Chapter AFS

8th ANNUAL FISHERIES TECHNIQUES DEMONSTRATION

The 8th annual fisheries techniques demo was held on April 5th, 2003 at Lake Carl Blackwell, near Stillwater, OK. Over 40 participated in the event, including students from Oklahoma State University and Northeastern Oklahoma State University. Both field and laboratory techniques were demonstrated, allowing students to gain hands on experience with the latest fisheries techniques.

In the morning, Dr. William Fisher from the Oklahoma Cooperative Fish and Wildlife Research Unit conducted a review of electrofishing and boating safety. Students were also given opportunities to boat electrofish, set and pick up trap nets, seine, and use a backpack electrofisher. Jason Schaffler demonstrated how to collect larval fishes. Also, Joe George from Stillwater Marine talked about boat and trailer maintenance. After lunch, Bill Wentroth from the Oklahoma Department of Wildlife Conservation talked about fisheries management on Lake Carl Blackwell. Fish collected from morning sampling were used to demonstrate otolith and scale removal and fish age and growth, larval fish and zooplankton identification, and fish tagging; GIS and GPS technologies were also discussed. Other fisheries gears were also displayed. Lunch was provided free of charge for members, and was \$3 for non-members.

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, please let one of the officers know.

Dan Dauwalter
President, OK Student Chapter AFS

OUTREACH EVENTS

- The Oklahoma Student Chapter held a lunchtime seminar at Oklahoma State University entitled 'Pinchin' tails and suckin' heads: is that all there is to crayfish?' The seminar covered basic

crayfish biology and ecology. Members also served lunch for \$5, which included crayfish etoufee, cornbread muffins, and iced tea. Bob DiStefano from the Missouri Department of Conservation contributed information and pictures for the seminar.

- Members of the student chapter participated in Oklahoma State University's Earth Day celebration on April 22, 2003 by setting up an informational table along side other student groups.

TREASURER'S REPORT

1 January 2003 – 1 June 2003

| | |
|--|---------------|
| Starting Balance | \$230.85 |
| <u>Debits</u> | |
| Awards | 50.00 |
| Miscellaneous (copies, postage, calls, etc.) | 4.50 |
| <u>Techniques Demonstration</u> | <u>110.51</u> |
| TOTAL | \$165.01 |

Credits

| | |
|--|--------------|
| T-shirt sales | 10.00 |
| Techniques Demonstration (reimbursement) | 110.51 |
| <u>Crayfish Seminar</u> | <u>81.00</u> |
| TOTAL | \$201.51 |

Ending Balance **\$267.35**

STUDENT CHAPTER NEWS

- OSU students Maureen Walsh, Daniel Dauwalter, Jason Schaffler, and Matt Mauck, and OU student Bill Baker gave presentations at the Annual Meeting of the Oklahoma Chapter of the American Fisheries Society in Tahlequah, OK, February 2003. Member Jason Schaffler received the Jimmie Pigg Student Travel Scholarship. William Baker and Jeff Boxrucker won the Best Student Paper entitled: *Determination of striped bass spawning locations on the two major tributaries of Lake Texoma.*

- OSU students Daniel Dauwalter and Valerie Horncastle, and OU student Raul Ramirez, gave presentations at the Southwestern Association of Naturalists meeting in Norman, April 18-19th, 2003.
- OSU graduate student, Nicholas Utrup, received the Fisheries Involvement Award, from the Student Chapter.
- We apologize to any students whose accomplishments were not recognized. Please send student news to Dan Dauwalter at dauwalt@okstate.edu.

AFS CERTIFICATION

The American Fisheries Society offers professional certification to anyone who meets specific education and experience requirements. Most students, upon completing their undergraduate education, are qualified to become a Fisheries Professional Associate. Go to:
<http://www.fisheries.org/Certification.shtml>

Fisheries Professional Associate (FP-A) - an applicant who satisfies coursework degree requirements but has insufficient or no experience may become an Associate Fisheries Professional.

Education Requirements

| Subject Area | Graduate before July 1, 2002* | Graduate after July 1, 2002 |
|------------------------------------|---|--|
| A. Fisheries and Aquatic Sciences. | Four (4) courses; two of which must be directly related to fisheries science. | Four (4) courses; two of which must be directly related to fisheries science and at least one must cover principles of fisheries science and management. |
| B. Other Biological Sciences. | When added to the above courses must total 30 semester or 45 quarter hours. | 12 semester or 18 quarter hours. When added to the above courses must total 30 semester or 45 quarter hours. |
| C. Physical Sciences. | Must total 15 semester or 22 quarter hours. | Must total 15 semester or 22 quarter hours. |

| | | |
|--------------------------------|--|---|
| D. Mathematics and Statistics. | Must include college algebra or calculus and one course in statistics. 6 semester or 9 quarter hours. | Must include one calculus and one statistics or two statistics courses. 6 semester or 9 quarter hours. |
| E. Communications. | Must total 6 semester hours. | Must total 9 semester or 13 quarter hours. Three semester or five quarter hours may be taken in communication intensive courses if officially designated as such by the college or university. |
| F. Human Dimensions. | | 6 semester or 9 quarter hours |

* The revised educational requirements for certification apply to those who complete their B.S./ B.A. (or equivalent) degree on or after July 1, 2002. Those who graduated prior to that date will be evaluated based on the earlier criteria regardless of when they apply for certification. Those graduating on or after July 1, 2002 may only apply under the new criteria. Applicants who graduated prior to July 1, 2002 may choose to apply under either criteria. In no case may applicants select parts from each system.



DON'T FORGET TO RENEW YOUR OKLAHOMA AFS MEMBERSHIP!!



OKLAHOMA CHAPTER OF THE AMERICAN FISHERIES SOCIETY

THE LATERAL LINE

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