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Issue 1

January 2008

President's Message

I would like to recognize the many individuals who are working so hard to prepare for the 2008 meeting in Moab. As I've watched the plans come together I'm excited to attend and participate in the meetings in late February. I hope you will plan on attending and presenting at the meetings. I would also ask that you invite your co-workers that may not be familiar with the meetings because they are new to the state or may not directly work in fisheries. I would also encourage you to make your reservations soon.

There are a number of important issues facing us, as professionals, who oversee aquatic resources throughout the State on public and private lands. At previous meetings, we have discussed the Las Vegas Nevada water project and heavy metal contaminations. Some of the other issues that are on the horizon for Utah will include the expansion of aquatic nuisance species and activities to combat this expansion, additional water projects in adjacent states, and energy development with potential coal and hydroelectric plants being explored. Salt Lake City is even considering the adoption of building restriction to protect watershed and

fish http://www.deseretnews.com/article/1,5143,695243647,00.html. Such issues may require the Chapter take an active position to ensure protection of aquatic resources. When this need arises during the year the executive committee often discusses such matters and votes on a course of actions. The alternatives may include no action, referring the matter to a subcommittee or taking action on the matter. When time provides, the matter is held for the annual business meeting. As we prepare for the business meeting to be held as part of the annual meeting, I would encourage each of you to take a few minutes to read through the bylaws. The bylaws for the chapter can be found at http://www.fisheries.org/units/Bonneville/bylaws.htm on the Chapter's web page. In section 2 of the bylaws it states that " Only Chapter members in good standing with the Society may vote on Chapter business, chair a Chapter committee or hold elected office." I would encourage each of you to get your membership up to date so you can participate in the meeting.

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the university. The new machine also comes with a new address. The mailing list is now at Bonneville_AFS@lists.usu.edu. A few things to note about the new mailing list:

- 1. If you're not already member of the list go to http://lists.usu.edu/mailman/listinfo/bonneville_afs or send an email to BONNEVILLE_AFS-JOIN@lists.usu.edu. 2. If you want to post to the list you must be a member of the list. Membership is not screened. 3. The list is not moderated. 4. To change the characteristics of your subscription (e.g. email address, digested postings, etc) visit the link in #1 above. 5. The new software provides an archival feature thus if you want to recover a previously deleted post go to the

link in mentioned in #1 above.

If you want to post a message to the list server, simply send a new message to BONNEVILLE_AFS@lists.usu.edu. You may type in the subject and your message just like you would for any other email. To view the list archives go to the link above and follow the instructions at Using Bonneville_AFS. Address any other questions to the list administrator at Bonneville_AFS-owner@lists.usu.edu.

.....Jim Shoemaker

AFS LISTSERVER INFORMATION

The mailing list for Bonneville AFS is hosted on a computer at Utah State University. As is the norm for the digital world, USU has upgraded both the hardware and software used for hosting mailing lists at



President's Message

(Continued from page 1)

I also wanted to tell you all about a project the Western Division has been working on for the past few years. The Native Fish subcommittee has spearheaded the project, known as the Western Native Fish project. The project involved developing historic range distribution maps. There have been a number of maps developed and some in our chapter have been reviewers of these maps. The committee is currently working to identify a student to develop an internet access point to the maps that would allow for real-time updates on GIS layers. I'll be giving a short presentation about the project at our business meeting to help get you familiar with it. I will also have a copy of their current report on the project.

.....Paul Cowley

Photo: Our Illustrious President, Paul Cowley



2008 Meeting Plans Utah Chapter of the American Fisheries Society Annual Meeting

The Utah Chapter of the American Fisheries Society Meeting will be held February 25-27, 2008 in Moab along the banks of the Colorado River at Red Cliffs Lodge.

After four consecutive years of meeting in the northern portion of the state the 2008 meetings will be in beautiful Moab, Utah. We are meeting independently once again allowing us to reacquaint ourselves with what biologists, managers, aquaculturalists, administrators, and researchers are doing and learning through the state. You all have a lot to offer and share with the rest of your peers regarding the work you are involved in and the issues you are dealing with in your respective responsibilities. We will be trying to meet in one large meeting room so that we can all share and participate in the great work we are all involved in. There will be sessions on native species, sport fish, ecological and habitat issues, aquaculture and more. Please give it some thought and begin preparing to share some of your work with the rest of us through your oral/poster presentation.

The meeting schedule will be similar to last year and start Monday, February 25, at 12:00-5:00pm with a continuing education course on

Fisheries Statistics put on by the USU student chapter. The opening social will be held Monday evening at 6:00 pm in Moab at Eddie McStiff's (pizza). The banquet will be Tuesday night at the Red Cliffs Lodge banquet room and include the raffle with some very nice prizes. Our plenary session will run Tuesday morning, the general presentations start after lunch and run through Wednesday afternoon. The business meeting will be held over a breakfast buffet on Wednesday morning. Once abstracts are collected a detailed schedule will be sent.

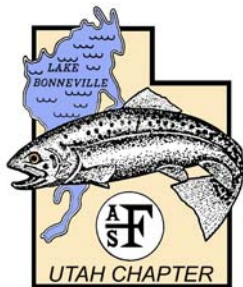
We are asking for **ANY PHOTOS** you can all submit for a running slide show to provide some entertainment, enjoyment and perhaps a little elbowing of one another. We would like to see photos taken of the latest hunting/fishing trips, working, bloopers made by your buddies, scenery, fun etc... This is your chance to let us all see what is "really" going on around the state. **PLEASE SUBMIT** all your photos by February 18, 2008 to Richard Hepworth at richardhepworth@utah.gov he will be putting them all together. We will display the photos during the socials and on the screen during breaks as a "screen saver".

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**Don't Forget to send your photos to
Richard Hepworth!!**

The Latest invasive species on the Green River in Utah: Gizzard Shad





LAST REMINDER AND FINAL CALL FOR PAPERS

“Aquatic Resource Management/Stewardship Change Over Time”

Utah Chapter
American Fisheries Society
Annual Meeting
Moab, Utah February 25-27, 2008

Abstracts for oral and poster paper presentations are due by **February 11, 2008**.

Three awards will be given: best professional and student presentations and best poster.

Please indicate the category that best suites your presentation:

- I. Native Species
- II. Sport Fish and Fisheries Management
- III. Ecological and Habitat Issues
- IV. Aquaculture
- V. Other

Please submit abstracts electronically to Jackie Watson,

Email: jackiewatson@utah.gov

Abstracts should be submitted as a *Word Document* and include the following information:

Presentation Format: Poster or Oral Presentation

Name of presenter: Student or Professional

Affiliation/ Contact Information: Address
Phone/Fax
E-Mail
Co-Authors

Title:

Body of the abstract: Abstracts are used to evaluate and select papers for inclusion in the sessions of the 2008 Utah Chapter AFS Annual Meeting. The abstracts will also be printed in the meeting program. The abstract title should be descriptive but brief. The abstracts should be 300 words or less and should contain a statement of the problem, study objectives, summary of the methods, major findings and key conclusions.



**REGISTRATION FORM:
2008 ANNUAL MEETING OF THE UTAH CHAPTER OF THE AMERICAN FISHERIES SOCIETY (afs.org)
Red Cliffs Lodge in Moab, Utah**

Send Completed Form with Payment to: Aaron Webber, Utah Division of Wildlife Resources,
515 E. 5300 S., Ogden, UT 84405 (Phone: 801-476-2772, Cell: 801-388-4097, Fax: 801-479-4010)

One sheet must be filled out for each person attending the meeting. This address will be used in our mailing list and should be the one where you want to receive Lateral Line issues and other materials.

Date: _____ **Name:** _____ **Affiliation:** _____

Address: _____

Phone: _____ **FAX:** _____

E-mail: _____

REGISTRATION FEES

Registration is only for the 2008 Meeting and Banquet. Utah Chapter membership dues are paid separately. Registration payment must accompany this application.

*** NO REFUNDS AFTER February 11, 2008 ***

REGISTRATION CATEGORY	EARLY (before 11 February)	LATE (after 11 February)	AMOUNT
Annual Utah Chapter Membership Dues	\$ 5	\$ 5	\$ _____
Student member ⁽¹⁾	\$45	\$ 70	\$ _____
Regular member (Parent & UCAFS) ⁽¹⁾	\$75	\$ 90	\$ _____
Non-member (regular) ⁽¹⁾	\$85	\$100	\$ _____
Non-member (student) ⁽¹⁾	\$50	\$ 75	\$ _____
Emeritus (retired) ⁽¹⁾	\$55	\$ 75	\$ _____
Additional Banquet Tickets (\$25.00 each x ___count) = \$_____		\$ _____	\$ _____

Continuing Ed. Short Course

Fisheries Statistics Monday 25th (12:00-5:00 PM) \$40 \$ 40 \$

You must pre-register for this course (limited to 1st 30) by contacting Brian Hines at hinesbri@gmail.com



T-Shirt Size: (Select One) \$ No Charge

Small X-Large

Medium XX-Large

Large

TOTAL AMOUNT \$ _____

⁽¹⁾ Includes Monday night opening social, the banquet Tuesday evening, the business meeting breakfast, a box lunch for Wednesday and the break refreshments are all included.

Register by mailing this form with your payment to Aaron Webber at the above address. Make checks/money orders payable to: **Utah Chapter American Fisheries Society** Purchase Orders and checks can also be sent directly to Aaron. *Reminder: Send abstracts to Jackie at jackiewatson@utah.gov by February 11, 2008.*

Please check if you will attend the Monday Night Social (6-10) at Eddie McStiff's (pizza) located at 59 So. Main, Moab. This social is sponsored by the student chapter and funded by the Utah Chapter.

If you have any questions please contact: Mike Slater at: michaelslater@utah.gov or 801-491-5650.

Utah Chapter Report to the Western Division AFS

Actions are in full swing for an excellent annual meeting this year at Red Cliffs Lodge, just outside of Moab, Utah, on February 25-27, 2008. We are currently making the final preparations for the meeting, which include finalizing registration and the agenda and making last minutes requests for raffle items donations. It looks like it will be an excellent meeting. The theme of this years meeting is "Aquatic Resource Management/ Stewardship Changes Over Time". We will be reviewing how the management of the state's aquatic resources has changed over time and who are the resources being managed for? The Student Subunit will sponsor the continuing education training this year dealing with fishery statistics. Additional information can be found in the news letters on the Chapter's web page <http://www.fisheries.org/units/Bonneville/index.htm>.

The Utah Chapter focus this year is on:

- (1) Reaching out to the public and especially the youth around us and encouraging them to become involved in managing their aquatic resources;
- (2) to develop united approaches between the various institutions that we work for to benefit the aquatic resources of Utah; and,
- (3) and finally, to deal our historic material. Like the Western Division we have quite a load of material that has been passed from one officer to another. We hope to get this summarized and condensed this year.

.....Paul Cowley

UTAH CHAPTER IN SEARCH OF NOMINATIONS FOR 2008

The Executive Committee of the Utah Chapter of the American Fisheries Society is seeking nominations for Chapter members to serve on the Executive Committee. This is a great opportunity to get involved and serve the members of our Chapter. This year, the Utah Chapter will fill two vacancies during our annual meeting in February in Moab. The positions to be filled are Vice President and 1st-Year Committee Member.

tions/Bylaws Officer, this person will succeed to 2nd-Year Committee Member and serve as the Nominations/ Membership Officer for the second year of the term. The Nominations/Membership Officer is responsible for naming a slate of candidates for Chapter officers.

The primary responsibilities of the Vice President are to act as a liaison between external committees and the Executive Committee. The Vice President also serves as the raffle chairman for the annual Chapter meeting. The Vice President also assumes the duties of the President-Elect in the event of his or her absence or inability to act, and perform other duties as assigned by the President. Upon completion of the one-year term as Vice President, he or she will move on to serve as President-Elect and then as President of the Utah Chapter.

Involvement and service with the Executive Committee is a great way to rub shoulders with other members of the Chapter, help make a difference in our profession, understand how the chapter and parent society work, and showcase your natural leadership skills. The Utah Chapter plays an important role in facilitating professional development, networking among the fisheries personnel in our state, and addressing important aquatic resource issues. There are a lot of you out there that would do a super job and benefit the Chapter, so please, nominate yourself or someone else you think would be an asset to the Chapter. The only requirement to serve on the Executive Committee is to be a member in good standing with the Utah Chapter and parent society.

The 1st-Year Committee Member, in addition to general assistance, will serve as the Resolutions/Bylaws Officer and is primarily responsible for the resolutions and by-laws of the Chapter and other general duties as assigned. Upon completion of the 1st year term of Resolu-

For more information or to place a nomination, contact Ron Brunson at (435) 781-5202 or rbrunson@fs.fed.us

.....Ron Brunson

2008 Meeting Plans

(Continued from page 2)

Lodging Information:

There is a block of 65 rooms reserved at the Red Cliffs Lodge in Moab, Utah. Room rates are \$70.00 per night. This rate does not include taxes. Red Cliffs Lodge accepts Cash, Visa, MasterCard, Discover, and American Express credit cards.

Call for Reservations: 866-812-2002

If you have any questions please contact: Mike Slater at: michaelslater@utah.gov or 801-491-5650.

Additional Lodging in Moab Includes:

Archway Inn 800-341-9359

Big Horn Lodge 800-325-6171



Directions to Red Cliffs Lodge:

*Approximately 1.5 miles south of the Arches National Park entrance you will come to the Colorado River.

*After crossing the river bridge you turn left (East) onto scenic Highway 128 and drive for 14 miles.

*Red Cliffs Lodge is the second entrance on the left side of the road (Milepost 14 - Highway 128).

Native fish research in a highly dynamic desert stream

The bluehead sucker (*Catostomus discobolus*), the flannelmouth sucker (*Catostomus latipinnis*) and the roundtail chub (*Gila robusta*) are three species native to the Colorado River Basin. As a result of habitat alteration, water diversion, and interactions with non-native fish, all three have declined in abundance and distribution, resulting in placement on the Utah Sensitive Species List. Populations of all three species are found in the San Rafael River, a tributary of the Green River, demonstrating the importance of this river in conserving remnant, genetically-pure populations. Compounding the problems of reduced abundances and distributions is the lack of information regarding life-history characteristics and habitat requirements, impairing efforts to adequately protect remaining populations. In the summer of 2007, we began an active mark-recapture approach combined with passive PIT-tag detectors on the San Rafael River to determine 1) habitat requirements for each species and life stage, 2) the timing and extent of spawning migrations and the prevalence of localized movement, and 3) vital rates such as growth and survival. Data collected on vital rates will translate directly into a population viability assessment, highlighting vulnerable stages of development critical to the persistence of each species. Knowledge gained from this study will enable state and federal agencies to adequately manage these native species on a basin-wide scale and ensure their persistence in the future.

San Rafael River

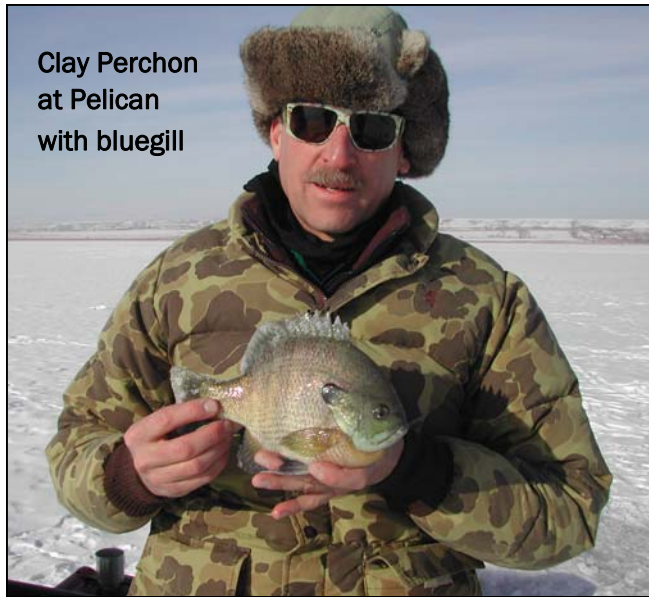


Master's Candidate: Jared Bottcher

Advisor: Phaedra Budy

Funding: BOR, BLM and UDWR

Fish Shots

**Clay Perchon
at Pelican
with bluegill**



Perch from Echo

EXTERNAL COMMITTEES

An important, and often unheralded service to the Chapter and its membership is the functioning of various external committees. These committees are responsible for keeping the Executive Committee and the Chapter membership informed of current issues in their respective area of focus. Currently, the Bonneville Chapter maintains five external committees, including committees for native fish, legislation action, profession-

alism and continuing education, fish culture and health, and environmental concerns. The Bonneville Chapter Executive Committee would like to thank Rick Hartman for his exceptional service as the Chair of the Fish Culture and Health Committee. We would also like to thank Anna Forest for volunteering to serve on the Environmental Concerns Committee where she will focus on mercury contamination issues in Utah. The Ex-

ecutive Committee would also like to take this opportunity to solicit your help. The Chapter is in need of additional individuals to serve on these various committees. If you are interested, please contact Ron Brunson. Ron's contact information can be found at the back of this newsletter. Thank you

.....Ben Nadolski
Former Second-Year
Committee Member

*The EXCOMM
needs YOU*

REQUEST FOR PROPOSALS

The chapter is looking for opportunity to help support fishery science/management in the State of Utah. Requests for funding should be sent to Paul Cowley at 9914 S. Borg Drive, Sandy, UT. 84092 or emailed to pc4fish@msn.com. Funding requests can be up \$1,500. The request should include: Project Title, contact information

(name, address, and email address), project description and how the project will benefit the fishery resources and the public of Utah. The request should also identify any matching funds. The funds cannot be used for funding one's educational expenses or travel expenses to professional trainings or meeting. **Deadline for submissions is February 1, 2008.**

Utah Chapter American Fisheries Society meeting notes

September 17, 2007

Notes taken by Aaron Webber

In Attendance were: Brian Hines, Trina Hedrick, Mike Mills, Patrick Goddard, Paul Cowley, Mike Slater, Ron Brunson, Gary Theide, Phaedra Budy, Aaron Webber

Welcome-Paul Cowley

Introductions

We are now the Utah Chapter AFS, Bonneville is not in the title anymore.

Patrick-We should change the website to reflect this change.

Previous Meeting Notes approval: Patrick moves to approve minutes, Phaedra seconds. Unanimous vote to approve the minutes.

2008 MEETING Mike S.

Location and Food: Decided on Moab for the 2008 annual meeting. We will meet at Red Cliff lodge. Feb 25-27 (mon-wed) this choice seems like the most economically feasible one.

Patrick-must make sure there is adequate food and units for lodging for all the people we expect. We need to have at least 75 rooms to host all the people we expect for the meeting.

Mike S - would check on the room availability for the lodge.

Discussion was given on meal options: The objective is to have people stay at the facility for meals. We would have to almost allow an hour and a half to go into Moab if people were to travel for meals. Discussion on the banquet possibilities. There are a lot of rooms available at reasonable prices. We discussed how many rooms would be available for concurrent sessions depending on numbers of papers that will be presented. Food will be mostly buffet style.

Important Points:

- There is limited cell phone coverage at this place.

No alcohol is allowed to be brought in from outside. There is some inside, but there is no outside alcohol allowed.

It was proposed that Aaron Webber be in charge of collecting dues, setting up meetings. Aaron accepted the responsibility. Aaron should talk to Shauna Levitt to see what she has done in the past and solicit some help from others to collect dues etc. The intent is to keep the costs under \$100 per person. We'll look at a break even point with 80 people.

Continuing Education-will it be available?

Brian-a meeting was held last week for the student subunit and a topic of fisheries statistics was going to be offered. Brian thinks 30-40 people would be able to go to the continuing education class.

Monday Night Social - It was decided that Monday night would be left up to the student social and no dinner would be provided. A concern was that if alcohol was consumed it is a long time back to the Red Cliff and there is potential for accidents etc. The Chapter will provide \$500 for the student social to help out. Everybody agreed.

T-Shirt/Sale Items - T-shirt- should we include a t-shirt in the fee for the meeting? Everybody thought that was a good idea and Mike S. was going to look into it. It shouldn't cost more than 3 or 4 dollars each.

Meeting Topics - What will the topic be for the meeting? Ideas on invasive species...quagga mussels? Maybe we should invite somebody knowledgeable about some of the Colorado River fishes since it is so close. Maybe a plenary session on quagga or invasive species or climate change.



Maybe Chuck Hawkins or Mark Vinson could talk. Patrick suggested something other than aquatic nuisance species should be talked about like bark beetles or tamarisk. He suggested that maybe it should be a little broader.

By mid October we should have a first call for papers go out to the membership

Raffle - Mike Mills

500.00 to assist in getting prizes for the raffle will be given. Everybody was in agreement. Send ideas for potential people that could get prizes for the raffle. Send those contacts to Mike Mills. Mike is looking for help for anybody that has contacts for donations.

Awards - Patrick G.

Lifetime awards etc. We need to get ideas for awards and nominees for awards to be given out in the organization. Patrick thinks a "rookie of the year" award would be good but lets get some new awards to change it up a little.

Nominations Ron will be in charge of receiving nominations for new committee members.

Photo Competition - Should there be a photo competition or a slide show? The group thought that would be a good idea, but somebody should be delegated to do it. Awards should be recognized that have happened in other agencies and announced at the meeting.

Budget Report Trina

The budget for the last two years was provided. We get 70-80 dollars a month in interest and have about 9,000 right now in our money market account. See budget for the last two years. We gained 3,406.62 from last year's meeting.

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Utah Chapter American Fisheries Society meeting notes

December 6, 2007

Meeting Room 204 College of Natural Resources USU

Notes taken by Aaron Webber

Present: Paul Cowley (President), Mike Slater (President Elect), Mike Mills (Vice President), Brian Hines (USU Student Subunit President), Patrick Goddard (Past President), Christy Meridith (USU Student Subunit), Aaron Webber (Secretary/Treasurer), Gary Theide (1st year Committee member).

Review and approval of notes from Sept 2007 meeting.

Addendums to notes. An amendment was made by Mike Slater that there was limited cell phone coverage at the Moab meeting place. Patrick motions to approve notes from last meeting. The motion was seconded. All were in favor.

It was brought up that meeting notes should be approved electronically before they are put in the lateral line. That was okay with everybody.

2008 Annual Meeting Discussion

Mike S. Talked about the meeting place for our meeting in Feb. The facility should have everything we need. We will need some laptop computers to use at the meetings. They should have everything else we need. We have the capability of having two rooms at a time if we have too many presentations.

Paul Badame and Darek Elverud were suggested to help with AV at the meetings. Gary T. said he would provide a laptop and projector and everything else needed to project presentations. One projector will be dedicated to a slide show. Richard Hepworth will be in charge of the slide show and getting photos. We need to send him photos.

They will have a place to lock up valuables etc. There may be some money from USU that will pay for a room for some of the students to stay in.

Monday night's social will be put on by the student chapter at Eddie Mcstiff's in Moab. The Chapter will provide 500.00 for pizza etc. Tuesday breakfast and lunch is on our own and not included in registration fees. The Red Cliff Lodge will have a buffet there that people can eat in order to not make them have to drive all the way to Moab and be late to the afternoon session. There will be a catered break AM and PM Tuesday. Tuesday night is the banquet included in the registration. A barbeque will be the food for the banquet and it was 19.00 and they charge an 18% tip on top of that. Wednesday will be a business breakfast and a box lunch included in the registration fee.

We want to get people to stay for the whole meeting so a box lunch will be provided for lunch on Wednesday.

Motion by Patrick to look into offering memberships for door prizes (parent chapter). There was a second and the vote was approved.

There is a room for a poster session that we can use before the banquet.

Paul C. suggests to put 3 awards out for best student, best professional, best poster in the amount of \$200-300 each to be used for travel or maybe a cash award.

Patrick thought we should talk about money to be used at the business meeting.

Motion by Patrick for 3 awards Best Student, Best Professional, and Best Poster awards for 300.00 to be used as AFS dollars for any AFS related expenditures. This is to be used in 1 year from when it is awarded. A second was given. A vote was taken and everybody was in favor.



Mike S. had budgeted costs of the plenary speakers up to \$850. This would be for all 5 of the plenary speakers we plan to have. This would cover travel and overnight expenses. We have looked into Dale Hepworth as a speaker. Jim Bounds from SUU will be a speaker hopefully. Harv Forsgren from the Forest Service and will be a speaker. Ed Kent and Jim Carter are other angling perspectives that might be speakers. We will provide the speakers with room and travel and waive the registration fees to give them an incentive. We talked about maybe getting a private aquaculturalist to come and speak like Grant White. John Sigler might be somebody we want to come and speak to us.

Chris Wilson was suggested to be a plenary moderator.

We are going to start the meetings at 8:30AM Tuesday.

We passed around copies of the registration flyers to evaluate.

Registration slip-make a change that "annual chapter dues" needs to be changed to "Utah" chapter dues so people know that they are paying for only the local chapter and not the parent chapter.

Consent agreement-if a person comes for only one day, we will charge them only 40.00. Everybody was in agreement.

Continuing education is limited to 30 people. It will be about statistics.

Jackie Watson is the contact for abstracts. Send abstracts to her at jackiewatson@utah.gov

We need to solicit BYU students to help organize the abstracts and buy a few pizzas and have everybody get together, organize the sessions and give them to Jackie.

(Continued on page 12)

September 2007 EXCOM meeting notes

(Continued from page 8)

Western Division AFS Meeting - Paul plans on going to the Western Division meeting in May to represent the Chapter.

National AFS Meeting in 2008 - Mike S. will go to the national meeting to represent the Chapter.

Other Business

1. Least chub request of the chapter to sign listing petition

Patrick received a request was made from Allison Jones to have the chapter sign the petition to list the least chub. It was noted that the species is under a conservation agreement. There was concern express that if the chapter supported the listing we may alienate the DWR. It may not be in the Chapter's best interest to support the petition. It was generally felt that we need to represent the resource and not the agency that we work for. We do need the feedback from our membership on these items.

We discussed the least chub listing and based on the response of the membership, A motion was made not to support or sign the least chub petition. It was unanimous.

2. 2008 Western and Parent Society Meeting Representation - Discussion was given about sending some of the committee members to go to national AFS meetings.

Western Meeting and National Meeting

3. Report from the National AFS meeting. Patrick-It was a great meeting with 15 concurrent sessions. 4 usu talks were given. The parent Society passed a resolution to basically support only teaching evolution in schools.

Erik Hansen was given a scholarship to go to the AFS national meeting from the Western Division. (NOTE: The parent society gives out a lot of travel scholarships that we need to take advantage of.)

4. A request was made to extreme gloves to get some people to test them out. A pair is being sent to Paul C.

5. Lateral Line deadlines were discussed for Melissa T. Should we print hard copies or just electronic copies? It was too costly to send a hard copy to each member, but the group felt it was important to have a few copies sent to offices.

Melissa suggested getting a day-to-day article about what we do in our jobs with some pictures. Brian was solicited to get some kind of a write up on his research to contribute to the Lateral Line. *The deadline for the next lateral line is October 31.*

Patrick will put together awards and solicitations and Ron will do requests for nominations.

Paul C. will put something in the lateral line about soliciting projects to be funded

6. Western Division Business

The Chapter was invited to consider co-hosting a 2010 Western Division Meeting with CO and WY? Debate was given on how much money we would get if we helped out in putting together a Western meeting. Motion to explore the benefits of putting on a meeting. Motions were made to support it. A unanimous vote was made to look into putting on a part of the Western Meeting in 2010. Paul C. committed to follow up on it. Many state people may not be able to go to this meeting because of out of state travel restrictions.

Western Division is looking at their archives and trying to decide information is worth keeping and how and where it should be stored.

7. Bonneville-Utah Historic Records –

Phaedra inherited boxes of stuff that she isn't sure what is important or not. Suggestion was made to scan everything we have and put it on a few cds instead of boxes of them. Could a committee be made to go through the boxes or a student could be paid to do it? Patrick has somebody in mind to get these records filed. We could put the abstracts of old meetings on a website that wouldn't take up too much space. Phaedra-We have files that we have not put anywhere and there needs to be a way to know what we should do with all the information we gather during our terms. Paul will look through the boxes and make a recommendation at the next meeting.

8. National Coalition List – Mike S. said that the national AFS is a member of this group that is hoping to promote the conservation of native species. We don't have to provide money or anything to join this group. This organization pushes monies it gets at the national level to the states so Mike S. felt this group had all positive things for us and couldn't see anything negative. If we sign on we may have to go to a few meetings and be

involved in their organization.

Patrick made a motion to join "Teaming With Wildlife". The motion was seconded Motion was passed unanimously. Patrick suggested we should get a link from their website to ours. Mike will sign us up.

9. Use of funds: We need to broaden our activities and not just put on meetings. We need to do something more meaningful. We need to spend the chapter's funds on some research and not just sit on the funds. We need to put more effort into soliciting special projects. We could look for problems that need to be fixed and then try to get our membership to get the project done. Our chapter needs to be looking for things to support instead of beating the bushes to look for members that have projects to fund. Patrick and Phaedra don't think that soliciting the members seems to work.

- Maybe we should pay for some specialist out of state to come and talk to us. (Trina)
 - We could produce handbooks or member manuals and have a focus theme.
 - What about sending some professionals to some place out of state to a specific location where a special project is needed? (Phaedra)
- Signs should be placed on different topics (whirling disease) where our logo could be displayed for educational purposes.

10. Patrick- Kirk requests his 400.00 for a scholarship instead of a travel stipend. He was unable to attend the AFS meeting and won't be able to in the future. Discussion was given and the consensus was made to let him spend it on any AFS meeting in the next 8 months. Aaron motioned to allow Kirk to spend the money until July 1, 2008 if it is used for an AFS meeting. It was seconded by Paul C. Vote was unanimous.

11. Patrick received a request to support a Walleye publication. We don't really feel like our membership wants to support this kind of a publication. There was no motion to support it.

Motion was made to adjourn, seconded... done.

Next meeting will be December 6, 2007.

.....Aaron Webber

Utah Chapter of the American Fisheries Society Name Change Officially Recognized



American Fisheries Society

Organized 1870 to Promote the Conservation, Development and Wise Utilization of the Fisheries

GHASSAN N. RASSAM
Executive Director

MARY C. FABRIZIO
President

WILLIAM G. FRANZIN
President Elect

DONALD C. JACKSON
1st Vice President

WAYNE HUBERT
2nd Vice President

JENNIFER L. NIELSEN
Past President

November 6, 2007

Patrick L Goddard
1165 South HWY 191
Suite 4
Moab, UT 84532

Dear Patrick,

Congratulations on the approval of the revision of the bylaws of the Bonneville Chapter changing the name of this chapter to the Utah Chapter. The AFS Governing Board unanimously accepted this revision on September 1, 2007.

If you have any questions please feel free to contact Gail Goldberg, Unit Services Coordinator, in this office and she will be happy to assist you.

We wish you continued success in all of your activities.

Sincerely,

Ghassan Rassam
Executive Director

cc: Gail Goldberg, Unit Services Coordinator
Gwen White, Constitutional Consultant

[Faint mirrored text from the reverse side of the page, including the word "GODDARD" and other illegible words.]



FISH SHOTS



Woundfin at the Salt Lake City Aquarium
(*Plagopterus argentissimus*)

December 2007 EXCOM meeting notes

(Continued from page 9)

New Logos

Paul C. moves that the new logo, which was sent around and looked at which has the "Utah Chapter" on it should be accepted as the new logo. The motion was seconded. All were in favor of the new logo.

We should look into hats with this logo as well. Mike S. will follow up on this as part of the 2008 meeting preparations.

Lateral Line for January

Submissions for lateral line should be sent to Mellissa Trammel by Jan 18th. Patrick had received a letter from the parent society showing the official approval of the name change by the parent society. Paul will scan this and have it for inclusion in the Lateral Line

Archiving Historic Records

Paul C. talked about the stuff from the archives that he has in boxes and wanted suggestions of what should be thrown away and what should be kept.

Everybody is okay about scanning these archives electronically and then getting rid of them. There was some resistance to get rid of the hard copies. Paul C. was going to donate to the Western Division. They are paying somebody to archive their stuff.

List Server

Discussion was given about the List Serve and Paul C. has the password. Aaron needs to look through past notes to find out what has happened with the List Serve. Somebody from Utah State University needs to be in charge of it and it costs 10.00 to do it. Paul Burnett had volunteered to help out on doing something with the List Serve. Paul C. said he would contact Paul Burnett about this issue.

Western Division Annual Meeting (Portland, OR May 2008)

There is a raffle request from the Western Division. We could use old Tshirts with our old logos.

Aaron will check with Trina to see where our old tshirts went for a raffle item for the Western Division.

We should print extra shirts to have for subsequent years.

After some discussion, the EXCOM believed that a better choice would be to send some new shirts and/or hats for their raffle. So once printed in Feb, we will send them a new shirt or hat. The EXCOM was okay with giving some shirts and hats for the raffle.

Potential Action Items

Water development potential- a group wants to pipe water from Flaming Gorge to Denver. Should our group take a stand? This item will be brought up at the business meeting.

The aquaculture bill hasn't gotten all the wordage out yet, so we didn't discuss the bill any more than making a note to keep an eye on it.

In the business meeting we should call out for business items so any items in our membership can be discussed. This can be in the lateral line so people have time to do it.

A hydroelectric plant on Bear Lake has been proposed to produce energy. This would cause a 3-4 inch fluctuation in the lake each day. It could be bad for breeding native fish. We could ask Scott Tolentino to draft a letter from us to take a stand against it. This item should be brought up at the business meeting.

A bill to study a causeway across Utah Lake is forthcoming. This may be an item to bring up at the business meeting.

2010 meeting with CO and WY.

Eric Wagner has talked to these groups and they are looking to do the meeting with Nebraska in 2010. We will wait and see what happens with the Western Division meeting. This should be a business item at the business meeting. The Colorado Wyoming chapter should find out Dec 10 if Nebraska wants to meet and help put on the meeting.

Brian motioned to close the meeting and it was seconded.

.....Aaron Webber

Assessing the Relationships Among Broad-Scale Watershed Characteristics, Stream Habitat and Macroinvertebrates

There is a need to understand the current state of aquatic resource conditions within the Interior Columbia River Basin where Endangered Species Act (ESA) listed fish species occur. The Biological Opinions for Chinook salmon (*Oncorhynchus tshawytscha*), steelhead (*Oncorhynchus mykiss*) and bull trout (*Salvelinus confluentus*) call for a consistent framework for monitoring aquatic resources on Federal lands. In response to these Biological Opinions, the PACFISH/INFISH Biological Opinion, Effectiveness Monitoring Program (PIBO-EMP) was established to implement a monitoring program on Federal lands within the Interior Columbia River Basin. One of the objectives of the PIBO-EMP is to determine whether the aquatic conservation strategies of land management plans are effective in maintaining or restoring the structure and function of aquatic systems. To accomplish this objective, the PIBO-EMP measures in-stream physical habitat indicators at the reach scale to characterize the ecological condition of watersheds. While habitat surveys like those carried out by the PIBO-EMP provide a good assessment of watershed condition based on reach scale stream characteristics, the ability to assess conditions over a large geographic area such

as the Interior Columbia River Basin is limited by funding and personnel.

The objective of my project is to use the PIBO-EMP stream survey data to assess the relationships among broad-scale watershed characteristics, in-stream habitat and macroinvertebrate assemblages. I will use Geographic Information Systems (GIS) to characterize the variation in climate, geology, topography, land cover and natural and anthropogenic disturbance among watersheds and examine the relationships of these characteristics to in-stream habitat and macroinvertebrate assemblages using regression analyses, Classification and Regression Trees (CART) and Structural Equation Modeling (SEM). Results from this study should provide additional insight into the influences of broad-scale watershed characteristics on stream ecosystems and provide land managers with an efficient and cost-effective means to evaluate watershed and habitat conditions over large geographic areas. Any questions regarding this study can be directed to Andrew Hill at andrewchill@hotmail.com.

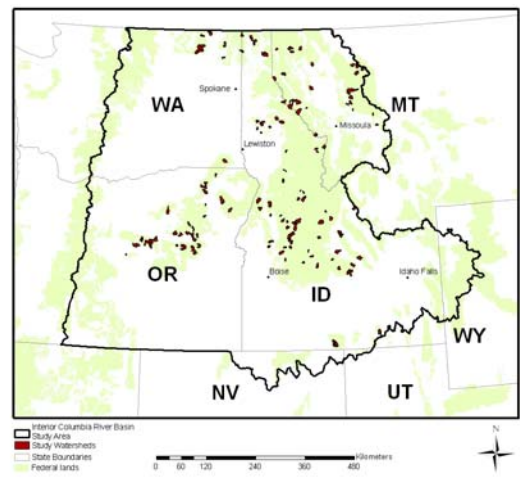
.....Andrew Hill



Two of the Study Sites

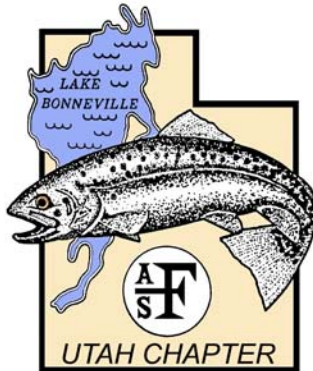


Map of the Study Area



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Niklas Sorenson



2007-2008 Utah Chapter Executive Committee

Editor's Note:

You may notice a change in our Logo, now that we are the Utah Chapter

.....Melissa Trammell

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