



The Angler

Newsletter of the Colorado-Wyoming Chapter of the American Fisheries Society

<http://cowyafs.org/index.html>

Volume 33, Number 1, January 2010

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The Vent

Mark Smith

I finally have a chance to “vent” and it turns out I have little to complain about. My membership in AFS and participation in the Colorado/Wyoming Chapter has been good for me personally and professionally. Like many, I often find myself wondering what an organization has done or could do for me. A volunteer organization such as AFS only provides as much as its members contribute and in most cases the benefits of membership increase with increasing participation.

Many of our Chapter members have contributed and continue to contribute a significant amount of their time and talent towards furthering the mission of AFS. Chapter members have given significantly to the Chapter, Division and Parent Society. Even as you read this, a group of your Chapter peers are actively involved in planning a forum for professional interaction and learning at the Annual Meeting and Continuing Education course.

Our Chapter has about 250 members, about half participate in annual meetings, 30 participate at the committee level and 10 members serve on two or more committees. We have at least four committee positions that have been vacant for two or more years. Of the 30 current committee members, 20 are from Wyoming and 10 from Colorado. Almost all committee members are less than 40 years old and have fewer than 10 years of professional experience. What I read from these statistics is that the Chapter is largely functioning by relying heavily on a sub-set of young members who over a short period give of their time and talents and then fade into the background of the Chapter. While not a completely unsatisfactory way to operate, imagine how much more productive and effective the Chapter could be if more members



were involved in Chapter committees. Imagine how much "corporate memory" is untapped or lost because our older more experienced members are less active.

I think we have a very good Chapter with many dedicated professionals. But I think we can do better. So....If you find yourself wondering what AFS has done for you lately, I challenge you to volunteer to do a little bit more and I believe your satisfaction with the organization will grow.

CO/WY AFS Annual Meeting March 1-3, 2010 Laramie, WY

The 2010 Annual Meeting of the Colorado/Wyoming Chapter of the American Fisheries Society will be held in **Laramie, WY at the Hilton Garden Inn, March 1 - 3, 2010**. The Hilton Garden Inn is located just across the street from the University of Wyoming football stadium. A continuing education course titled "Practical Analysis of CPUE Data for the Statistically Challenged" taught by Dr. Wayne Hubert will be offered during the afternoon of Monday, March 1st. The course will be followed by a welcoming reception and retirement party for Dr. Hubert Monday evening. Contributed paper presentations will take place on both Tuesday and Wednesday. There will be a student social Tuesday evening at the Laramie Railroad Depot on 1st and Kearney. Details concerning transportation to and from the student social will be forthcoming. Wednesday events include the business lunch in the afternoon and the banquet, raffle, and auction Wednesday evening. See the meeting agenda in this newsletter for more specific times.

A room block has been reserved at the state rate of \$70/night under CO-WY AFS and room reservations can be made by calling 307-745-5500.

**You must make room reservations
by February 1, 2010
to be guaranteed the state rate!!**

For additional information on meeting arrangements please contact Beth Bear (Beth.Bear@wgf.state.wy.us) or Steve Gale (Steve.Gale@wgf.state.wy.us). Additional information on the 2010 Annual Meeting can be found on the CO-WY AFS Chapter website at <http://www.cowyafs.org>.

New!! Online Meeting Registration!!!

You can now register for the annual meeting online using a credit card. First, go to the chapter website and click on **Register for the Meeting** or follow this link:

<http://cowyafs.org/annualmeeting/2010MeetingReg.html>

If you do not wish to register online by credit card, the registration form for the 2010 CO/WY AFS Annual Meeting is included on Page 16 of this newsletter.

**Deadline for early registration
is February 10, 2010**

You must register by the early registration deadline in order to attend the banquet or business lunch.

Retirement Party



for



Dr. Wayne Hubert



Monday, March 1st, 6-10pm

Hilton Garden Inn, Laramie

at the CO/WY AFS Annual Meeting

Monday evening social

Beverages and snacks will be provided.

Tentative Meeting Agenda



Monday, March 1st

- 11a- 5p: Continuing education workshop: Practical Analysis of CPUE Data for the Statistically Challenged (Salon B)
- 5-7p: Presentation download/practice (UW Boardroom)
- 5-7p: Registration (Grand Ballroom Lobby)
- 6-10p: Welcoming Social/Retirement party for Dr. Wayne Hubert – beverages and snacks provided (Salon A & B)
- 6-8p: Poster/Raffle Set-up (Salon B)

Tuesday, March 2nd

- 7a-5p: Registration (Grand Ballroom Lobby)
- 7a-6p: Presentation download/practice (UW Boardroom)
- 8:30-8:40a: Opening remarks and presidential message by Mark Smith, CO/WY AFS President (Salon C)
- 8:40a-12p: Contributed papers (Salon C)
- 12-1:30p: Lunch (on your own)
- 1:30-5p: Contributed papers (Salon C)
- 6-10p: Student social (Laramie Railroad Depot)

Wednesday, March 3rd

- 7a-12p: Registration (Grand Ballroom Lobby)
- 8a-11:30p: Contributed papers: Sharing Our Experiences (Salon C)
- 11:30-1p: Chapter business lunch (Salon C)
- 1:30-5p: Contributed papers (Salon C)
- 6-10p: Banquet social (Salon C & D)

New for the 2010 CO/WY AFS Annual Meeting



Abstracts will not be included in the meeting program you receive this year in order to reduce costs and save paper. Instead, they will be placed on the CO/WY AFS website by Thursday, February 25th (4 days before the meeting).

Final Call for Papers

We are once again looking for members to share all of the great work you have been doing over the past year by giving a presentation or poster. As always, all topics are of interest and no one will be denied.

Final deadline for presentation and poster abstracts is February 10, 2010.

Abstracts for contributed papers and posters should be prepared as a MS Word or WordPerfect file in 12 point, Times New Roman font, left aligned and include the following information.

1. A brief descriptive title.
2. Names, addresses, telephone and FAX numbers, and e-mail addresses for all organizers. Presenter must be clearly identified
3. An abstract of 350 words or less.
4. Indicate whether presenting a poster or oral presentation. Only PowerPoint presentations are accepted.
5. Indicate if presenter is a student.
6. Indicate length and width of poster.
7. Indicate whether presentation is “informational” or follows “scientific method” (helps in judging process).

Abstract Example

Title: Program Committee

Authors: Rick Henderson (Presenter), US Forest Service, 925 Weiss Drive, Steamboat Springs, CO, 80487, 970-870-2219 (W), 970-870-2284 (F), rhenderson01@fs.fed.us; Laura Leslie Burckhardt, SWCA Environmental Consultants, 8 Cactus Drive, Cody, WY 82414, 307-250-1213 (W), lleslie@swca.com

Abstract: The abstract may include but is not required to include a problem statement, objectives, findings, and conclusions.

Preference: Oral presentation preferred. LCD.

Student: No.

All contributions must be submitted in either of two ways:

1. E-mail to Laura Leslie Burckhardt at lleslie@swca.com and Rick Henderson at rhenderson01@fs.fed.us with contributed paper/poster abstract attached as an MS Word or WordPerfect file.
2. Submit on a CD in either MS Word or WordPerfect to:

CO/WY Program Committee

Rick Henderson

US Forest Service

925 Weiss Drive, Steamboat Springs, CO 80487

For additional information, please contact **Laura Leslie Burckhardt** at 307-250-1213 or **Rick Henderson** at 970-870-2219

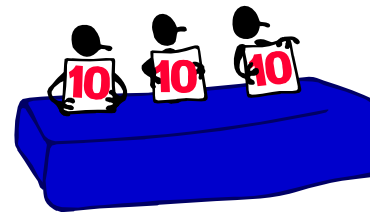


Annual Meeting Symposium: Sharing Our Experiences



Members have commented over the last few years that we are receiving fewer presentations that focus on management questions resulting from our daily work. Specifically, members have highlighted the lack of presentations on success stories, lessons learned, restoration projects, use of new technology, sampling innovation and project sharing. So this year we are initiating a new session titled “**Sharing Our Experiences**” and encourage everyone to present your accomplishments. While all topics are welcome, each year we will select a focus area. The focus for 2010 will be habitat restoration ideas and projects, so dust off your reports and share your success stories, failures and novel approaches.

Best Paper and Poster Judges Needed!



Volunteers are needed to judge papers and posters at the 2010 CO/WY AFS meeting in Laramie. We would like to have three judges per paper and poster, so a great deal of help will be needed from CO-WY AFS members. Government agency and private consulting professionals are preferred for judging volunteers. Please consider volunteering some of your time at the meeting!

If you are interested in judging please contact Christina Barrineau @ 307-745-5180 x240 or Christina.Barrineau@wgf.state.wy.us

Final Call for Nominations: CO-WY Chapter AFS Awards



Do you know someone who has made a significant contribution this past year to fishery management, habitat, science, or policy...or someone who was involved in an infamous fish folly? Your nomination may give your colleague his or her due credit.

Award of Excellence: Recognizes (since 1980) “an individual who has made significant contributions in the fishery-aquatic resource field.” This award was formerly (1977-79) known as “Fishery Worker of the Year Award.” It was presented to **Dirk Miller** in 2009 (typically one recipient is recognized).

“Max” Award of Merit: In honor of Max Rollefson (WGFD), this “atta boy” recognizes a “short-term professional accomplishment in management, administration, research or culture.” This award evolved from the original “Stream Habitat Award” (1977-1982) and since 1991 has been broadened to recognize accomplishments in a wider range of aquatic endeavors. This award was last presented to two recipients in 2009, **Eagle Residency** and **Mark Coleman**.

Leaky Boot Award: “Recognizes the most outrageous behavior” of any fisheries student or professional in the year prior to the Chapter’s Annual Meeting. The “Leaky Boot” was not awarded last year and is retained by the 2008-2009 winner Pat Bigelow. She is looking forward to passing on this award to the next (un)lucky individual. Have fun with this!

Deadline for Nominations: February 10, 2010

Past winners and more information on submitting nominations can be found on the Chapter website:
<http://www.cowyafs.org>

Send to or Contact:

Jason Burckhardt
2820 State Highway 120
Cody WY 82414
307-527-7125
Jason.Burckhardt@wgf.state.wy.us

Student Volunteers Needed



Student volunteers are needed to assist with the 2010 CO/WY AFS meeting in Laramie. We are looking for volunteers to help with audiovisual support and the raffle during the meeting. Hours of volunteer time will be credited and count towards meeting fees. Four hours of volunteer time will count as \$35 and eight hours will count as \$70 towards registration fees (1/2 and full early student registration fee, respectively). We would like to encourage as many students as possible to volunteer their time.

For more information on volunteering please contact Sarah Laske @ 307-766-2426 or slaske@uwyo.edu.

Raffle Committee Needs Your Help!!!!

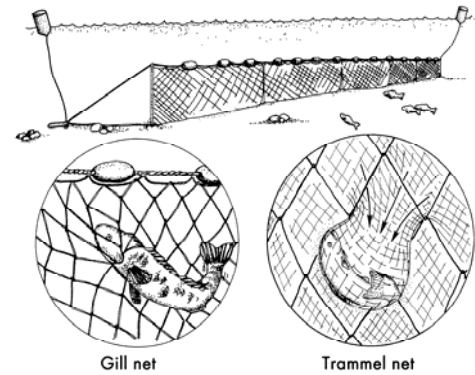
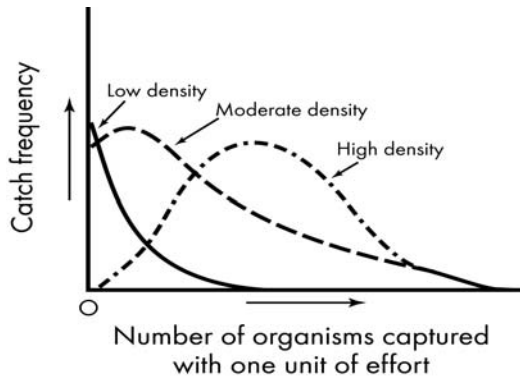


The Raffle Committee is now compiling items for the 2010 annual meeting. Money generated from this fundraiser helps the Chapter operate and provide much needed funds for scholarships and other important monetary requests. We are in desperate need of your donations. Donations can be anything from money, artwork, gift certificates, fishing trips and tackle, or miscellaneous donated items (i.e., the new pair of waders you purchased, that don’t fit, and you haven’t taken them back to the store). Please help out and give a donation today.

Please contact Dan Brauch at
Dan.Brauch@state.co.us
to submit items for the 2010 Annual Meeting Raffle

2010 AFS Continuing Education Workshop

Practical Analyses of Catch Per Unit Effort Data for the Statistically Challenged



This three-quarter-day course is designed for fisheries biologists interested in assessing relative abundance of fishes using catch per unit effort data. The course will cover principles of study design and pertinent statistical analyses with examples from the central Rocky Mountains. A short workshop session will be part of the course where participants can present their questions regarding population assessments and approaches to data analysis for discussion by participants (**Please bring questions and data sets!**). The course has been approved by the American Fisheries Society and continuing education credit can be obtained for those who want it.

Date: March 1, 2010. The course will begin at 11:00am and end at 5:00pm. **There will not be a lunch break**, so either bring a sack-lunch or fuel up before the course begins.

Location: Hilton Garden Inn

Regular member cost: \$35 early registration; \$50 late registration

Instructor: Dr. Wayne Hubert, retired Wyoming Cooperative Fish and Wildlife Research Unit, Leader

Useful text (optional): *Standard Methods for Sampling North American Freshwater Fishes*. S. Bonar, D. Willis, and W. Hubert, co-editors. American Fisheries Society, Bethesda, Maryland.

For questions about workshop content or registration please contact:

Bobby Compton at Bobby.Compton@wgf.state.wy.us, 307-875-3225 (ext. 256), or

Ryan Fitzpatrick at ryan.fitzpatrick@state.co.us, 970-472-4336



CO/WY Secretary-Treasurer Election

This year we are fortunate to have two outstanding nominees for the incoming Chapter Secretary-Treasurer position. Melissa Dickard and Ryan Fitzpatrick have accepted the nomination to lead our Chapter.

Melissa Dickard *Candidate for Secretary-Treasurer*



I came to fisheries in a bit of a round-about way. I was studying to be a wildlife biologist and had to take an ichthyology class as a part of my curriculum. I wasn't that excited to take the class, but it turned out that I *love* fish. I am completely fascinated with their life-cycles and adaptations to different environments. I've always been a big-picture person, and the more I learn about stream ecosystems, the more interested I am in the ways that they are really the confluence—both figuratively and literally—of everything happening in a landscape. You can look at streams and tell the history of an area—was it overgrazed? Was there a big fire? Do pH levels indicate a mining history? Are there ecosystem health indicators that should be investigated? There is so much to see in streams and in the fish that live in them.

After that first experience in fisheries, I completed my B.S. in Wildlife Biology at Colorado State University with a minor in fisheries. I went on to an M.S. in Fisheries Science at Penn State. My thesis looked at the assessment and impacts of riparian systems. I also participated in the Watershed Stewardship Program which partnered with local communities to complete a watershed assessment and to work on stream health issues. I was fortunate

enough during this time to attend local and National AFS meetings in Baltimore and Quebec and to present my work at a national convention.

My first fisheries job was with California Fish and Game working on sensitive species surveys in the delta and San Francisco bay areas. We did night surveys for larval fish and river surveys for delta smelt and salmon. After I finished grad school, I got a job working for the Bureau of Land Management in Southern Idaho as a Fisheries Biologist. My office had never had a fisheries biologist, and I had the opportunity to build a program from scratch. I was also able to work with the bull trout recovery team on the Jarbidge, NV populations.

Although I loved southern Idaho, I missed Denver, which is my home. I found a job in Lakewood with the Federal Highway Administration as an Environmental Biologist and moved back. I work for the Central Federal Lands Division as a NEPA lead for roadway projects. We work exclusively on projects on Federally-owned lands, such as the Forest Service, or Indian lands. We cover 14 Western states, so my work takes me to North Dakota and Hawaii and everywhere in between. I miss the concentrated fisheries work, but I do enjoy the challenge of a broader resource base.

Especially since my work currently is broad-based, AFS is a vital link to fisheries and fisheries biologists. I plan eventually to return to fisheries work completely and feel that the links through AFS are crucial. I've continued to attend National AFS conventions in Anchorage and San Francisco and the CO/WY meetings for the past several years. I've participated through the Awards Committee and have been honored to help present awards to several outstanding AFS members.

I think that AFS has an incredible amount to offer its members. I'm fascinated by the work done recently on both plains fishes and on non-native species and would like to see us continue to expand our education and outreach to these relatively new, albeit less "sexy" areas of fisheries science. I strongly support our continuing work with students and would like to see us investigate new ways to outreach and interact with them. I think that connections with other groups, such as The Wildlife Society, are important. I welcome the opportunity to give back more to AFS, and I appreciate your consideration for this position.

Ryan Fitzpatrick
Candidate for Secretary-Treasurer



The American Fisheries Society has played an integral role in my development as a biologist by exposing me to important fisheries issues and allowing me to become part of a strong network of fisheries professionals. I am very appreciative of these benefits and hope I can give back to AFS in an official role over the next several years.

Regarding my personal background, I grew up in western Iowa and spent most weekends with my dad and brothers fishing area farm ponds. These early experiences really captured my imagination and instilled in me a fascination for anything related to aquatic biology. Once a year we would take a fishing trip to Canada. During these trips, what was at first a passion for fishing turned into a rabid obsession. Fishing continues to be a passion of mine, especially ice fishing (see photo above from Burbotfest 2009).

My fisheries work experience began as a technician for the Colorado Cooperative Fish and Wildlife Research Unit at Colorado State University (CSU) working with multiple graduate students on sport fish and native fish issues. I helped investigate pike population dynamics in high mountain reservoirs, fish loss through irrigation canals on the Wind River in Wyoming, pike spawning habitat along the Yampa River, and greenback cutthroat trout dynamics at Zimmerman Lake, Colorado. For my graduate work, I stayed at CSU and worked with Dr. Dana Winkelman. We investigated sources of the nonnative northern pike recruitment in the Yampa

River, Colorado using otolith microchemistry. In the study area, pike are acting as a barrier to the reestablishment of native threatened and endangered fishes. Immediately following graduate school I worked as a technician for the Colorado Division of Wildlife in Fort Collins. This position provided experience in a broad range of habitats, from tiny mountain streams to large plains rivers and reservoirs. I really enjoyed working on both warmwater and coldwater systems.

I currently work for the Colorado Division of Wildlife as an Aquatic Conservation Biologist for the northeast region. My primary responsibilities are related to native plains fishes, but I also get the opportunity to chase northern leopard frogs and boreal toads. I enjoy working with the diversity of fishes we have on the plains and am always amazed at the difficult conditions these fish can make a living in.

My first position with AFS was as president of the CSU subunit. During my tenure the subunit's greatest accomplishment was effectively coordinating a trip to the Western Division meeting in Salt Lake City, UT. By working with various agencies, we were able to fund the meeting costs, including registration, transportation, and lodging for 13 CSU undergraduate students. Other accomplishments included scheduling a wide variety of speakers, having an attendance of approximately 30 people per meeting, winning the Fin-Fur Cup from the CSU Wildlife Society, and hosting a successful fishing derby in which 100 anglers participated. For my efforts I was awarded the "Most Outstanding Contribution" to the CSU subunit in 2005. Since then I have supported AFS whenever possible. As a graduate student I gave presentations at Colorado-Wyoming meetings three times, to the student subunit twice, and at the 2006 national meeting in Lake Placid, NY. In my current role as the continuing education co-chairperson I have helped organize courses titled "Practical Analyses of Catch Per Unit Effort Data for the Statistically Challenged," "Aquatic Macroinvertebrate Identification, Ecology, and Metrics Useful in Fisheries Management," "Digital Photography for Aquatic Biologists," and "Aquatic Nuisance Species."

(Continued on next page)

(Fitzpatrick bio continued from page 8)

I think the Colorado-Wyoming Chapter is on an excellent path and I would like to keep it that way. If elected, I will continue to work toward the Chapter's goals which are to promote the conservation, development and wise utilization of the states' fisheries resources; technological advancement of all branches of fisheries science; and the professional exchange of fisheries information among its members. I will continue to support the on-going programs we have for students and young professionals (e.g., travel scholarships to attend meetings and mentorship programs) and I will look for new opportunities to engage them in AFS activities. AFS has played an important role in my development in the fishery field and it would be a privilege to give back to AFS and to the dedicated fish folks of Colorado and Wyoming. Thank you for your consideration for this position and I would appreciate your support!

Vote Now!

Vote by Email: To vote for Secretary-Treasurer by email, send an email with your name, AFS number, and your candidate of choice to Diana Sweet at: Diana.Sweet@wgf.state.wy.us by **February 26th**.

Paper Ballot: Members who do not wish to vote by email may respond by paper ballot at the Annual Meeting in Laramie. Paper ballots will be available at the registration desk at the Annual Meeting. All ballots must be returned to the registration desk by **5:00 PM on Tuesday, March 2nd**.

***Note: Only current Chapter or Subunit AFS Members are eligible to vote.**



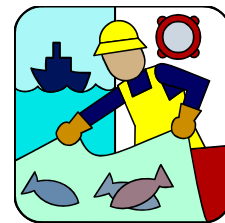
2010 First Annual Colorado/Wyoming AFS Photo Contest



The Raffle Committee is now accepting submissions for the First Annual Colorado Wyoming AFS Photo Contest. We all work in beautiful places and certainly have taken some amazing photographs. Please submit your artwork and you may be helping your AFS chapter generate money in addition to acquiring fame (without the fortune). A first, second, and third place winner will be selected. The three winners will receive a prize in addition to their photos being printed and framed and available for auction to raise money for the Chapter. All submissions will be compiled into a slide show for viewing during the meeting.

Please submit your photos by February 10th
to Dan Brauch at Dan.Brauch@state.co.us

JOB BOARD



We're planning to have a JOB BOARD again at the 2010 Chapter meeting in Laramie. The board is intended to help those looking for employees, as well as those looking for employment. **Please email your job announcement or resume by February 10th** to Steve Gale (Steve.Gale@wgf.state.wy.us).

Looking for employment, look on the AFS website
@ <http://www.fisheries.org/afs/jobpage.php>.

Outstanding Mentor Award



The Colorado Wyoming AFS Mentoring Committee is currently soliciting nominations for the 2010 Outstanding Mentor for the Colorado/Wyoming AFS Chapter. This award will recognize a fisheries professional who has shown substantial devotion to assisting or mentoring prospective fisheries students/professionals, current fisheries students, or fisheries professionals. The recipient of this award should meet or exceed the following criteria:

- A current or previous fisheries professional
- Provided substantial assistance to Colorado/Wyoming prospective fisheries students/professionals and current fisheries students/professionals
- Demonstrated a sincere interest/devotion in seeing students and professionals succeed
- Provided learning and training opportunities for students and professionals to gain experience otherwise unobtainable without the assistance of the nominated professional.

Selection will be based solely on the above criteria. Nominations should be submitted in the form of a single-page letter describing how a particular professional has met the defined criteria, and please include the name, workplace, and contact information for the nominee.

Submit the nomination letter by February 10th

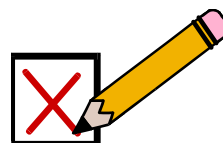
via email or snail mail to Bobby Compton
(Mentoring Committee Chair) at:

Bobby.Compton@wgf.state.us

-OR-

Green River WGFD Regional Office
351 Astle
Green River, WY 82935

Check your Parent Society AFS Membership Information



Check and update your membership information by visiting the Parent Society webpage at <http://www.fisheries.org/afs/>. Next, click on the "membership" tab near the top of the page. Then choose your membership category (individual member or student). Then you can select to find out more information on each membership category, download an application, or join/renew online. If you are going to join/renew online then you need to login. Your login is the first letter of your first name then your full last name and your full AFS membership number (i.e. JDOE0000000). The default password is "afslive". If you want you can create a new account. Follow the steps when prompted to complete your renewal. If you have problems, contact Steve Gale at Steve.Gale@wgf.state.wy.us or contact Farasha Euker (Parent Society Webmaster and Electronic Services Coordinator) at feuker@fisheries.org.

New Ways to Communicate with Other AFS Members

AFS is now on Facebook, Twitter, Flickr, Google Discussion Group, and Live News Feeds.



Look for the above icons on the right side of the AFS homepage (<http://www.fisheries.org/afs/>) and click on each one to find out more.

Student Gift Memberships



Your Chapter and ExCom continue to support giving out gift memberships to undergraduate students in Wyoming and Colorado. The Membership Committee has the authority to give out 4 gift memberships to undergraduate students attending any college or university in Colorado or Wyoming during a calendar year. In 2009, our Chapter received 3 nominations for gift memberships. Thanks to the members who nominated these students: Kyle Blake (UW), Will Stacy (CSU), and Zach Underwood (CSU). The gift is meant to increase the involvement of undergraduate students in the Chapter. We hope these students will consider becoming members of our Chapter in the future. Chapter members can send their student nomination to the Membership Committee Chair (Steve.Gale@wgf.state.wy.us).

We have 4 gift memberships for 2010 and the criteria are simple:

1. A Colorado or Wyoming undergraduate student enrolled in a state college or university.
2. Interested in fisheries, majoring or studying fisheries or aquatics.

Student Travel Assistance for 2010 Western Division Meeting



The Colorado/Wyoming Chapter of the American Fisheries Society would like to aid two students, one from CSU and one from UW, in attending the Western Division Annual Meeting April 18-22, 2010 in Salt Lake City. Travel grants not to exceed \$250.00 each will be awarded on a competitive basis to assist these students with expenses incurred when attending the annual meeting. We encourage both undergraduate and graduate students to apply. There are many benefits to attending the Western Division Annual Meeting, including great networking opportunities, technical sessions, continuing education, trade show displays, career/job opportunities, and graduate school opportunities. Requirement of the award is a short article for The Angler describing your experience. Details and (short) application are available on the Chapter website. Please return your completed application to Ann Widmer (awidmer@swca.com) no later than March 4, 2010.

Chapter Bylaw Revision

One of the primary functions of the Colorado/Wyoming Chapter as defined by the Chapter Bylaws is to "Provide a forum to address fisheries resource advocacy and policy issues important to the Chapter". Advocacy for the Chapter is guided by Chapter Rule 1. In recent years members of the Environmental Policy Committee and the Executive Committee have found that the Rule in its current form doesn't provide adequate language to direct the identification, development and approval of Chapter positions. The Executive Committee feels that the Chapter would be best served by rewriting Rule 1 and making necessary clarifications in Bylaw that support the Rule's use.

We wish for Chapter members to review the proposed revisions attached with the email delivering the January 2010 Angler or at the Chapter web-site and either provide feedback to the Executive Committee in writing prior to the Annual Meeting or provide feedback at the Annual Meeting.

View the proposed revision at:

<http://www.cowyafs.org/bylaws/COWYChapterBylawsProposedRevision2010.pdf>

Do you BLOG???

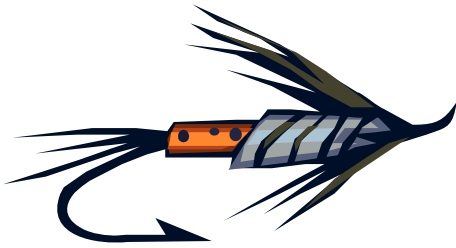


Check out the AFS BLOG at <http://www.fisheries.org/blog/>. You can find information on AFS happenings, meetings, news and media info, member's opinion posts, opportunities, resources, and more.

Committee Updates

Membership- Since the annual meeting, the committee has communicated with the Parent Society and updated our membership as of October 2009. The Parent Society only gives us a membership list with those who have paid their 2009 annual dues. As of October 2009, our Chapter has 224 members, 22 of which reside outside of CO/WY.

Membership Type	CO/WY AFS Chapter
Life	35
Regular	117
Retired	18
Student	40
Young Professional	14
Totals	224



CO/WY AFS Chapter ExCom Meeting Minutes

Laramie, WY
December 2, 2009

Attendees - Mark Smith, Ann Widmer, Matt Kondratieff, Diana Sweet, Kathy Foster, Paul Gerrity, Beth Bear, Sarah Laske, Rick Henderson, Catherine Willard (phone), Kevin Gelwicks

Minutes – Diana Sweet

UW student updates (Sarah Laske) - updated the ExCom on the UW student subunit. The subunit is small this year with 3 graduate students and 3 undergraduate students. They have been doing redd counts this fall and finished them a couple of weeks ago. They are hoping to have a couple of speakers come in and talk to the subunit next semester. Additionally, Frank Rahel will become the new faculty sponsor of the UW subunit since Wayne Hubert is retiring.

Sarah asked for some guidance on the student social for the annual meeting. They are looking into a venue where we can bring our own alcohol, and is either within walking distance to the hotel or where a shuttle can be provided.

The UW subunit was encouraged to apply for support to attend the WD meeting. The funding is aimed at undergraduate student support, but graduate students might be considered.

Matt Kondratieff mentioned that all student subunits must do taxes now. They aren't hard, but that knowledge needs to be instilled in the chapters. Matt and Sarah did those immediately during the meeting.

Sarah discussed her attendance at the Student Colloquium, hosted by CSU. It appeared to be a success.

CSU Student update – No one was present from CSU to give an update, but the ExCom will ask Nate Cathcart to give an update of the student colloquium at the annual meeting.

Treasurer's report (Diana Sweet) – Diana presented the treasurers report. To date, \$3,068 of the FY10 budget has been spent. Revisions to the budgeted and itemized column need to be made, and Diana will complete this task.

Fundraising Committee Report (Kathy Foster) - Kathy spoke to Mark Gorges (WY BLM). They will contribute \$1,000 to the Chapter with the caveat that two registrations for the annual meeting will be paid out of this money. Kathy also left messages for donations with Jay Thompson (CO BLM) and Dave Winters (USFS).

Tour of Annual Meeting Location (Beth Bear) - We need to change the registration form to indicate that the early registration deadline is February 10 and not February 17. This change is necessary to give the banquet attendance to the hotel by February 15. A meal option check box also needs to be added to the form.

We should receive at least two rooms complementary from the hotel. Three total rooms will be complementary for the annual meeting, one for Lori Martin and two for CSU students.

It was discussed to make the continuing education workshop free to students who could attend. All agreed that this would encourage more students to attend.

Program Committee Update (Rick Henderson) - There have not been any good ideas for a plenary session, so the decision was made to forgo a plenary session this year, however, there is potential for a stream restoration discussion, with two focuses, one being approaches/techniques to stream restoration and one being monitoring.

There will also be a tribute to Wayne Hubert session with talks from his previous students. Rick will also ask him to talk about everything he has seen in the fisheries realm in the last 30 years. The Monday night social will also be a retirement party for Wayne Hubert. Rick will work with Dave Zafft to determine which students to ask to give a presentation, people to invite to the Monday night social, etc.

There was discussion about changing the perception of what kind of presentations are given at the annual meeting. There have been complaints that only rigorous scientific research can be presented. We should promote more general information exchange. Perhaps a session titled: "Talks without a p-value."

It was decided not to print abstracts for the annual meeting. They will be available on the website.

Mentoring Committee (Catherine Willard) - The mentoring committee had its first meeting yesterday. Three things were identified: 1) recognizing outstanding mentor of the Chapter (call for nominations will be put in January newsletter), 2) Provide mentor and mentees information on website (particularly from high school/college students), 3) Focus on younger kids and post programs on the website based on age groups.

They also discussed the opportunity to get hatchery personnel involved in AFS through this committee.

Raffle Committee (Catherine Willard) - The raffle committee is trying to renovate the raffle and come up with ideas to make it better. They are currently soliciting ideas. One idea offered was to allow winning numbers to select their item from the raffle instead of raffling a particular item at a time. This would allow the raffle to go more quickly. There was also discussion of finding more donors whose items are all profit (trips, etc.). The last idea was a photo contest with the framed photos raffled at the banquet.

Chapter Archivist - Greg will pitch the scanning of archives at the annual meeting. This has not been done before because the whole membership must approve the expense as it is greater than \$500.

Membership (All) - It was decided that it is not realistic to check all the membership numbers with the Parent Society to make sure memberships are current.

The question was asked, how are we updating student members? If students show up to a subunit meeting, they are automatically members of the Chapter, but those names and contact information do not reach us. It was determined that the subunit presidents should provide the Chapter that information each year.

There was discussion about the problem of "reply all" to e-mails as an issue arose this year with unsolicited e-mails due to the "reply all" feature. Beth or Steve will send out a test e-mail with the ExCom members in the BC (or blind copy) field instead of the TO field to determine if a "reply all" is sent to BC recipients. This may be a good way to stop unsolicited replies.

Annual Meeting Registration (All) - The meeting registration database needs to be updated for the 2010 annual meeting. Diana will talk to Dirk and/or Tracy about updating it.

The issue of online registration was discussed. Kevin Gelwicks presented the information he had gathered about online registration.

Cost structure: Every online registrant costs the Chapter \$1.50. If that registrant is paying with a credit card the company gets 5% (Visa or MasterCard) or 6.5% (American Express) of registration cost, which (according to the Oregon chapter) adds up to approximately \$4.50 per person. Five dollars has been added into the registration cost to cover these fees. There are no initial start-up or monthly fees. The company does need a credit card on file, and Kevin offered to use his card if the Chapter pays him back for any costs that are accrued (which shouldn't be any). The company will send the registration fees to Diana for deposit in the Chapter bank accounts. The account should be set up within a couple of weeks. Kevin will find out how the data is organized and how we get the money and the data from the company. Diana will update the registration

form and send it to Kevin to ensure that all the important registration information is included on the website.

As an additional benefit, the company will also print nametags, send e-mails, print invoices and receipts, etc. if that service is needed.

Website (Kevin Gelwicks) - ExCom et. al. need to be better about sending meeting minutes, budgets, etc. to Kevin to post on the website. These items are easy to post and it's a good archive of the information.

The illicit stocking website was completed and a check for \$500 was sent to Mark Coleman for his work. Currently there is no connection between this website and our Chapter website.

Mark Coleman is thinking about changing the format of the Chapter website. The changes should not affect us much, but will make it easier for Kevin and Mark.

Newsletter Committee (Beth Bear and Paul Gerrity) Deadline for information that needs to go in the January issue of *The Angler* is January 4th. Everyone on ExCom will need to provide the pertinent information by this day.

Nominating Committee (Kathy Foster) - Ryan Fitzpatrick and Melissa Dickard are the two candidates for next year's secretary/treasurer. They should have their bio's and pictures to Beth and Paul by January 4th for *The Angler*.

AV Committee (Paul Gerrity) - It was decided that we will use the projector from the hotel for the general session as it will be more convenient than using our own. Other projectors and computers that are needed for breakout rooms, practice rooms, etc. will be rounded up from the Laramie Regional Game and Fish office and from Matt Kondratieff's office in Fort Collins. Paul and Bobby will coordinate student volunteers to run AV equipment during the meeting. We will have to bring extension cords and power strips, which will be rounded up at a later date.

Judging Committee (All) - It was decided to provide registration gifts for everyone, not just speakers. However, speakers should receive some recognition, such as a ribbon on their name tag.

Student Liaison - Michelle McGree will take charge of the student social and make sure the two subunits are coordinating.

WD midyear meeting update (Mark Smith) - Support for the president to attend this meeting should be added in the budget @ \$1500. It was very helpful and productive.

Travis Neebling (a new member with our Chapter) is taking over the WD newsletter "Tributary" committee.

There was a reminder to the chapters that they need to get a certificate of insurance for each specific event and location. Diana will do this for the annual meeting.

There was discussion about the philosophy of funding through WD – what are we accumulating money for and what types of projects are we looking to fund with this money? The money invested in the WD endowment fund is growing and there is no clear picture of what the money should be spent for. The charters of most chapters talk about promoting the networking of fisheries professionals and encouraging fisheries students. Perhaps the best use of the money is something that contributes to both of these goals. Along those lines, discussion began about the Chapter's student endowments. The question of when the accounts are large enough that we stop contributing was asked. It wasn't decided, but it is a good thing to consider for the future.

Mark discussed the issue of advocacy. Our Chapter does very little compared to other chapters. There are varying degrees of success and interest. Some pay lobbyists, some have been burned to the point where it affected people professionally, etc. Our rules about advocacy should be tightened up so that they are more clear, particularly the "majority of membership" criteria. We will discuss the Chapter's feelings about what a "majority" is and what a "quorum" is at the annual business meeting. It needs to be made clear that advocacy issues should only be those that the Chapter as a whole feels strongly about. Something also needs to be added to the "voting" section of the bylaws with particular reference to advocacy issues. We also need to have the ability to change signatories on a particular issue so that conflicts of interest do not occur. We will follow the guidelines for revising bylaws to make the necessary changes for advocacy. Ann and Mark will

come up with a draft of the proposed changes and will make them available to membership 30 days prior to voting at the meeting. A note will also be posted in *The Angler* about this issue.

The Native Fish Committee has fizzled. They would like one member from every chapter on the committee, but they seem to be looking for specific type of people (technical expertise, wide geographical area knowledge). Not sure how this committee will get back up and running again.

The meeting in Albuquerque was a monetary failure, and the 2010 Salt Lake City meeting also may be. There is no way to get out of the contract with the hotel. If you are planning on going, people are highly encouraged to stay at the Radisson hotel where the meeting is being held.

Taxes (All) - Ann and Matt have looked into getting a new tax preparer. Lots of tax preparers will not do taxes for non-profits anymore.

The amount of money we make is actually under the amount necessary to file taxes, and there was discussion about whether or not we should file taxes this year. It was decided that we should file every year regardless.

Upcoming ExCom Conference Calls

January 20th – 9:00am

February 17th – 9:00am

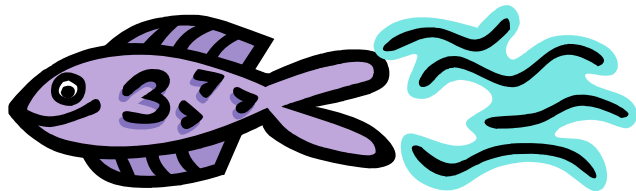
Raffle Committee Volunteer Needed!!!



The Raffle Committee is in need of a volunteer to serve on the committee. The volunteer should be from Wyoming (since the other committee member is from Colorado), but anyone interested from either state is welcome and appreciated!

Please help the raffle continue to be a successful part of Chapter fundraising.

If interested, please contact Dan Brauch (Raffle Committee Chair) at: Dan.Brauch@state.co.us





**Registration Form for the 2010 Annual Meeting of the
Colorado/Wyoming Chapter of the
American Fisheries Society**

**March 1st - 3rd, 2010
Hilton Garden Inn, Laramie, WY**

Name: _____
Title: _____
Affiliation: _____
Address: _____
City: _____ **State:** _____ **Zip:** _____
Phone: _____ **E-Mail:** _____
AFS Member ID #: _____

Early registration deadline for the meeting and continuing education workshop is February 10, 2010. Early registration is required to attend the banquet and lunch.
Registration: Includes all breaks, Monday and Tuesday evening socials, and Business Meeting Lunch

AFS Parent Society Member	Early	Late	
Regular	\$140	\$155	\$
Student, Young Professional, or Retired	\$70	\$85	\$
Non-AFS Parent Society Member			
Regular	\$160	\$175	\$
Student, Young Professional, or Retired	\$85	\$100	\$

Monday Evening Welcoming Social (Included with registration, check if attending) ☐
Tuesday Evening Student Mentoring Social (Included with registration, check if attending) ☐

Banquet Registration

Dinner <i>Wednesday, March 3rd @ 6:00 PM</i>	\$25	\$
Additional Dinner Ticket	\$30	\$
Dinner options (check preference):		
Stuffed Chicken Oscar	<input type="checkbox"/>	
Mustard Crusted Pork Roast	<input type="checkbox"/>	
Vegetarian	<input type="checkbox"/>	

CO/WY Business Meeting Lunch Buffet (Included with registration, check if attending) ☐
Wednesday, March 3rd @ 11:30 AM

Continuing Education Workshop Registration: "Practical Analyses of Catch Per Unit Effort Data for the Statistically Challenged" Monday, March 1st (11a-5p)

AFS Parent Society Member			
Regular	\$35	\$50	\$
Student, Young Professional, or Retired	\$0	\$0	
Non-AFS Parent Society Member			
Regular	\$50	\$65	\$
Student, Young Professional, or Retired	\$40	\$55	\$

Make checks payable to: CO-WY AFS **Total Due** \$ _____
 Send completed form and check to: Diana Sweet, PO Box 67, Jackson, WY 83001

***Note: Credit cards will be accepted online on the CO-WY website at:**
<http://cowvafs.org/annualmeeting/2010MeetingReg.html>

2009 - 2010 Chapter Officers and Committee Members

Chapter Officers

Past President	Kathy Foster	kafoster@usgs.gov
President	Mark Smith	Mark.Smith@wgf.state.wy.us
Vice President	Ann Widmer	awidmer@swca.com
Secretary/Treasurer	Diana Sweet	Diana.Sweet@wgf.state.wy.us
UW Subunit President	Sarah Laske	Slaske@uwyo.edu
CSU Subunit President	Nate Cathcart	cncathca@rams.colostate.edu

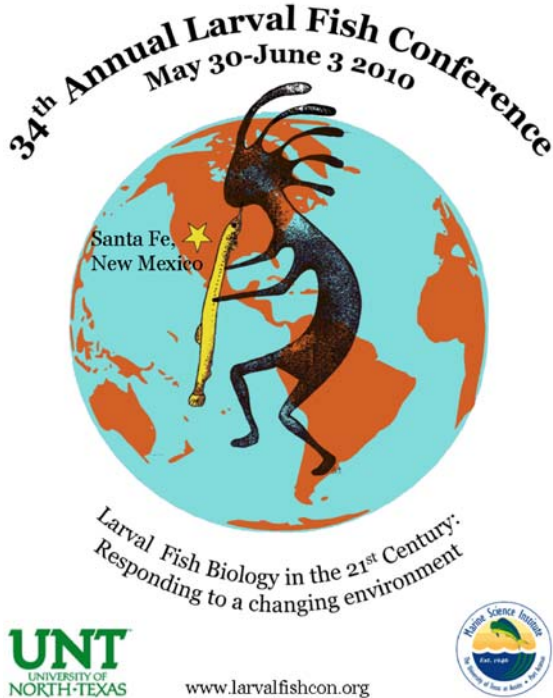
Standing Committees

Arrangements	Beth Bear	Beth.Bear@wgf.state.wy.us
	Steve Gale	Steve.Gale@wgf.state.wy.us
Budget Review FY10	Kathy Foster (Chair)	kafoster@usgs.gov
	Mark Smith	Mark.Smith@wgf.state.wy.us
	Matt Kondratieff	Matt.Kondratieff@state.co.us
	Lori Martin	Lori.Martin@state.co.us
	Dave Zafft	David.Zafft@wgf.state.wy.us
Chapter Archivist	Greg Anderson	Greg.Anderson@wgf.state.wy.us
	Venice Beske	vbeske@state.wy.us
Continuing Education	Ryan Fitzpatrick (Chair)	Ryan.Fitzpatrick@state.co.us
	Bobby Compton	Bobby.Compton@wgf.state.us
Environmental Policy	Ann Widmer (Chair)	awidmer@swca.com
	Mark Smith	Mark.Smith@wgf.state.wy.us
	Vacant	
Membership	Steve Gale	Steve.Gale@wgf.state.wy.us
	Vacant (CO)	
Newsletter	Beth Bear	Beth.Bear@wgf.state.wy.us
	Paul Gerrity	Paul.Gerrity@wgf.state.wy.us
Nominating	Kathy Foster (chair)	kafoster@usgs.gov
Program	Rick Henderson	rhenderson01@fs.fed.us
	Laura Burckhardt	lleslie@swca.com

Special Committees

Audio-Visual	Paul Gerrity	Paul.Gerrity@wgf.state.wy.us
Awards	Melissa Dickard	Melissa.Dickard@fhwa.dot.gov
	Rodney Scarpella	rscarpella@hotmail.com
	Jason Burckhardt	Jason.Burckhardt@wgf.state.wy.us
Endowment Funding	Vacant	
Fundraising	Kathy Foster	kafoster@usgs.gov
Grants Funding	Vacant	
Illegal Stocking Task Force	Craig Amadio	Craig.Amadio@wgf.state.wy.us
Mentoring	Bobby Compton	Bobby.Compton@wgf.state.us
	Dan Brauch	Dan.Brauch@state.co.us
	Seth Firestone	
Paper/Poster Judging	Christina Barrineau	Christina.Barrineau@wgf.state.wy.us
Raffle	Dan Brauch	Dan.Brauch@state.co.us
	Vacant	
Registration	Diana Sweet	Diana.Sweet@egf.state.wy.us
	Ann Widmer	awidmer@swca.com
Student Liaison	Michelle McGree	Michelle.McGree@wgf.state.wy.us
Trade Show, Vendors	Vacant	
Website	Kevin Gelwicks	Kevin.Gelwicks@wgf.state.wy.us
	Mark Coleman	mark@fishecologist.com

The Early Life History Section invites you to the



This year's conference will be held at the Fort Marcy Hotel Suites in Santa Fe, New Mexico, USA. The hotel is located amidst nine acres of natural and landscaped grounds and gardens and is just a four-block walk from the historic downtown Santa Fe Plaza. Co-organizers for the conference are Ione Hunt von Herbing, University of North Texas (vonherbing@unt.edu), and Joan Holt, Marine Science Institute, University of Texas at Austin (joanholt@mail.utexas.edu). The overall theme of the conference is ***Larval Fish Biology in the 21st Century: Responding to a Changing Environment***.

Early registration and abstract submission close on February 28; late registration ends on May 30. Please see the Larval Fish Conference website for more details (<http://www.larvalfishcon.org/>).

Call for Oral and Poster Papers

Persons interested in participating in any of the various theme sessions listed below or contributing papers on other early life history topics are invited to submit abstracts through the conference website by February 28th. If the paper is appropriate to a particular theme session, please also contact the associated session organizer(s) as soon as possible.

Planned Theme Sessions

Integrative Developmental Systems: Where Developmental Biology, Physiology and Ecology Meet organized by Ione Hunt von Herbing, Warren Burggren, and Pam Padilla, University of Northern Texas (vonherbing@unt.edu, burggren@unt.edu, ppadilla@unt.edu).

Developmental Programming and Ontogeny in Fish organized by Elin Kjorsvik, Norwegian University of Science and Technology (elin.kjorsvik@bio.ntnu.no).

Reproductive and Early Life History Consequences of a Changing Environment organized by Chris Chambers, NOAA-NMFS James J. Howard Marine Sciences Laboratory (chris.chambers@noaa.gov). This theme session will include oral and poster presentations that address how a changing environment, particularly with respect to climate change, is affecting or is expected to affect the reproductive ecology and early life stages of fish species. Areas of emphasis include direct and indirect effects of changes in the thermal environment, ocean acidification, and u-v intensity on species distribution, life history, ecology, and population / community phenology.

Larval Fish Ecology and Conservation of Native Fishes in the American Southwest organized by Kevin Bestgen, Colorado State University Larval Fish Laboratory (kevin.bestgen@colostate.edu). The session will focus on the substantive contributions that fish early life history investigations have played in understanding the ecology and conservation of native fishes in aquatic ecosystems of the American Southwest.

Larval Fish Ecology and Recovery of Missouri-Mississippi 'Big River' Fishes organized by David Galat, USGS Missouri Coop Unit, University of Missouri (galatd@missouri.edu). Papers and posters in this session will consider early life history of fishes in the Missouri-Mississippi Rivers and their major tributaries with special emphasis on conservation and recovery of imperiled 'big river' fishes (e.g., *Scaphirhynchus* sturgeons, *Macrhybopsis* chubs) and impacts of invasive Asian carps on native fishes. Contributions in the following general areas are particularly encouraged: (1) ecology and habitat use, (2) environmental factors affecting growth and survival, and (3) propagation of *Scaphirhynchus* sturgeons.

Freshwater Larval Fish Ecology organized by Nancy Auer, Michigan Technological University, (naauer@mtu.edu); Ed Rutherford, University of Michigan (ed.rutherford@noaa.gov); and Ed Roseman, USGS Great Lakes Science Center (eroseman@usgs.gov).

Descriptions and Identification organized by Darrel Snyder, Colo. St. Univ. Larval Fish Laboratory (darrel.snyder@colostate.edu). Depending on abstracts received, this session is intended to include: (1) overviews of the state of the art (what taxa we know and what gaps remain); (2) new morphological descriptions, guides, keys (traditional and computer-interactive), taxonomic databases, and computer image recognition programs; (3) traditional and 21st century techniques for illustration, measurement, and presentation of descriptive and taxonomic information; and (4) techniques and criteria for genetic identification.

General Contributed Paper Session (for papers that do not fit into any of the above).

2010 Western Division of the American Fisheries Society Annual Meeting

Salt Lake City, Utah



On behalf of the Utah Chapter, we invite you to join us in Salt Lake City, April 19 – 23 for the 2010 Western Division of the American Fisheries Society Annual Meeting. The meeting will be held at the Downtown Radisson Hotel and adjacent Salt Palace Convention Center.

The theme of the meeting, **“The Future of Aquatic Resources in the West: Science, Management, and Politics,”** is meant to highlight the multiple stakeholders/demands placed on aquatic resources; how these demands drive the direction of scientific inquiry and management; and the political interaction that results. The Western US is home to the five driest states in the nation and three of the top five states with the fastest population growth. The West’s aquatic resources are facing increasing demands resulting in intersections between science, management, and politics.

We encourage symposia, papers, and posters that build on the meeting theme and demonstrate how fisheries scientists, aquatic resource managers, and politicians address the challenges facing fish populations and aquatic ecosystems.

For more information, please contact: Mike Mills (mikem@cuwcd.com) or Anna Forest (annaforest@utah.gov) or visit <http://utahafs.org/wdafs2010/>

AFS Western Division



Riparian, Watersheds and Habitat Committee

-2010 Riparian Challenge Call for Entries-

The Riparian, Watersheds and Habitat Committee is seeking entries for the Western Division’s 2010 Riparian Challenge Award. The Forest Service, Bureau of Land Management and other conservation agencies or private industries in the region encompassed by the Western Division (thirteen western states, British Columbia, Yukon Territories, Mexico and U.S. Islands and Trust Territories of the Western Pacific), are invited to participate in the Riparian Challenge. Winners will receive the Western Division’s Award of Excellence in Riparian Management to be presented at the Western Division Annual Meeting hosted by the Utah Chapter AFS in Salt Lake City, Utah April 19-23, 2010.

For more information follow the link on the CO-WY AFS Chapter webpage: <http://cowyafs.org/index.html>

