

The Angler

Newsletter of the Colorado-Wyoming Chapter of the American Fisheries Society http://www.fisheries.org/units/co-wy/

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The Vent Matt Kondratieff

Mark your calendars and start making plans for this year's Colorado-Wyoming AFS Annual Meeting, March 3-7th, 2008. To sum up, this meeting is going to be EXCITING. How can I be so sure? Because YOU are going to be there and because I've seen the amazing amount of effort committee members from both states have put into creating an excellent meeting program. Just some of the highlights include a plenary session devoted to illegal fish stocking, two cutting edge continuing education courses (how to use underwater videography/snorkeling techniques to sample fish and a two-part Aquatic Nuisance Species workshop that will spotlight current/future threats to our fisheries), and live music (an open bluegrass/country music jam featuring our own "local" fish talent). This meeting is going to be action-packed and is sure to get you shaken out of the winter doldrums. Of course, the meeting will continue to be a great place for us to renew past relationships with fellow fish folks from across the border, get the latest technical information, share new ideas, and engage in open discussions on a broad range of fish management and research issues significant to Colorado and Wyoming. If you are working with aquatic resources in Colorado or Wyoming, you won't want to miss this year's meeting. Here are some of the important event details and deadlines to note for the 2008 Annual Meeting of the Colorado-Wyoming AFS Chapter:

February 18th: Deadline for EVERYTHING,

including early meeting registration, submission of paper and poster abstracts, award nominations, and government rate (\$60/night) hotel reservations. Please see this edition of *The Angler* for all the details.

Jeremy Monroe, aquatic biologist and Director, Freshwaters Illustrated, will be kicking off the meeting Monday, March 3rd, at 7 P.M. with his movie titled "River Webs" that features amazing underwater video footage. The movie will be showing in a meeting room conveniently located directly across from the registration table. After the film is over, or if you get thirsty in the meantime, stop in next door to participate in the welcoming social, also to be held in an adjacent meeting room (across from the registration table). Grab your free favorite beverage and snack while you catch up with your fellow fish friends. The meeting registration table will be open Monday evening from 7-9 P.M., so please stop by the table to pick up your materials early.

Tuesday, March 4th will begin with a bang as we launch into the day with a morning plenary session focusing on illegal fish stocking, its impacts and economic importance, and the law enforcement considerations surrounding this issue. The title of the plenary session is "From Buckets to Bilge Pumps: Addressing the Spread of Exotic Fish and **Organisms in Western Watersheds."** We have national caliber authorities as speakers, and we have also invited members of both states' law enforcement branches to speak specifically about the law enforcement challenges. The plenary session will be followed up by an interactive discussion involving both the speaker panel and attendees. Contributed papers will follow the plenary session. Tuesday night, plan on attending the student mentoring social at the historic Depot train station located a short walk south of the Plains Hotel. Students have been working hard to put together an evening of fun, food, beverages, and live music (featuring AFS member talent Eric Wagner (Western Division AFS President) on guitar, Harry Crockett on the fiddle, Bill Bradshaw on the mandolin, and others). This informal gathering will provide an excellent place to interact with talented students and other fisheries professionals, as well as hear some great music!

We will have our usual contributed papers session on Wednesday, March 5th, that will provide us an opportunity to hear about your latest fish findings. Be sure to submit poster and paper abstracts before the February 18th deadline. The annual business meeting lunch, conducted at 11:30 A.M., is your chance to find out what the Chapter has accomplished over the past year and what new directions we plan to take in the future. Plan on attending the banquet Wednesday night as we enjoy

great food, fun, and drinks while honoring our colleagues for their significant efforts, hard work, and hilarious mistakes while in the line of duty. Bring a little extra spending money to participate in the raffle. Please consider donating a fishing trip or other exciting items if you can.

We are offering your choice of two exciting continuing education workshops this year. Workshops will be taught in concurrent sessions on Thursday, March 6th and participants will need to choose which they want to attend. All workshops will be full days and run from 8-5 P.M. Your choices for Thursday include part 1 of a FREE Aquatic Nuisance Species (ANS) workshop sponsored by Colorado State Parks and the Colorado Division of Wildlife OR a workshop entitled "Digital Photography for Aquatic Biologists" provided by Jeremy Monroe. Freshwaters Illustrated, at a cost of \$35.00 for early-registering members. Part 2 of the free ANS workshop will continue on Friday, March 7th. Anyone can attend the second day of the ANS workshop, even if you participated in the Freshwaters Illustrated workshop on Thursday. The ANS workshop was designed so that you do not need to attend the first day to take advantage of the second day. This ANS workshop is timely given that zebra mussels were just found in Colorado for the first time. More information about these workshops is included in this edition of The Angler.

Many people have worked hard to put together a great meeting for you this March and we all hope to see you at the 2008 Annual Meeting of the CO-WY AFS Chapter. Please consider presenting a paper or poster, donating a raffle item, and/or volunteering to assist with the meeting. If you think of anyone else who should be at this meeting who is not an AFS regular, forward this newsletter to them including the meeting details and encourage them to participate!

A final reminder: If you are like me, you have been procrastinating on renewing your 2008 AFS membership. Be sure to renew your AFS Parent Society and Chapter Memberships at https://secure.fisheries.org/. Renewal of your 2008 membership will benefit you in many ways, beginning with discounted member registration for the upcoming 2008 CO/WY Annual Meeting. There are no separate dues to become a member of the CO/WY AFS Chapter. By becoming a Parent Society member, you are automatically enrolled as a member of the Colorado-Wyoming Chapter.

"From Buckets to Bilge Pumps: Addressing the Spread of Exotic Fish and Organisms in Western Watersheds"

2008 Annual Meeting of the
Colorado/Wyoming Chapter of the American
Fisheries Society
March 3-7, 2008
Cheyenne, Wyoming

The 2008 Annual Meeting of the Colorado/Wyoming Chapter of the American Fisheries Society will be held in Cheyenne, Wyoming. The meeting will be held at the Plains Hotel from Monday, March 3 through Friday, March 7, 2008. The Plains Hotel is located on 1600 Central Avenue in historic downtown Cheyenne. A block of rooms has been set aside for this meeting. Call the hotel at 307-638-3311 for reservations and request the Colorado/Wyoming American Fisheries Society rate (be sure to state you will be attending the Colorado/Wyoming American Fisheries Society meeting, group number: 95423). Also see: www.theplainshotel.com.

Early registration will begin on Monday, March 3 at 7:00 pm with the evening welcoming social beginning at 7:30 pm. Snacks and beverages will be available. A three-hour, theme related plenary session will launch the meeting on Tuesday, March 4 at 8:30 am. Contributed papers will follow over the next 2 days. There will be an evening social on Tuesday. March 4 at 6:00 pm. The Colorado/Wyoming annual business lunch will begin at 11:30 am on Wednesday, March 5 with contributed papers following the business lunch. We will wrap up the meeting Wednesday evening with the annual banquet and raffle. Two continuing education courses will be held in conjunction with this year's annual meeting. The first course will be on Thursday, March 6 (8am – 5pm) and will be taught by Freshwaters Illustrated. Registration for this workshop will be \$35 for CO/WY Chapter members. The workshop will focus on digital photography techniques that are applicable to aquatic biologists. The morning session of this workshop will be in a classroom format (Range Room B), followed by field demonstrations of various techniques at a nearby site in the afternoon. Participants should bring their own lunch. Also on Thursday, March 6 (8am – 5pm), we will offer Part I of an Aquatic Nuisance Species workshop in Boulder, Colorado. This workshop will cover proper disinfection techniques for boats and sampling gears

to prevent the spread of aquatic nuisance species. The second day (Part II) of the ANS workshop will take place on Friday, March 7 (8am – 5pm) in Boulder. This portion of the workshop will be in a classroom format and focus on potential ANS threats and management strategies. To supplement lecture discussions, specimens will be available to provide identification training. Please note that because this workshop is sponsored by multiple organizations it will be held in Boulder and not Cheyenne. Also, each day of the workshop is designed to be independent of the other, so please feel free to register for both days or either of the days individually. There will be no registration fees associated with the ANS workshop. Space is limited for the Freshwaters Illustrated and ANS workshops, so please register early to reserve your spot. For more specific details about each course, please see the announcements in the Continuing Education section of this newsletter.

Additional information related to the 2008 annual meeting can be found on the Colorado/Wyoming website www.fisheries.org/co-wy/

Best Paper and Poster Judges Needed!



Volunteers are needed to judge papers and posters at the 2008 CO-WY AFS Meeting in Cheyenne. 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. Please consider volunteering some of your time at this year's meeting.

If you are interested in judging please contact Christina Barrineau @ 307-745-5180 x.240 or Christina.Barrineau@wgf.state.wy.us



Tentative Meeting Agenda



Preliminary Agenda

Monday Afternoon, March 3rd

7:00 – 9:00 PM: Meeting Registration – The Plains

Hotel main entry

7:30-10:00 PM: Evening social (free food, beer and nonalcoholic beverages provided) – Range Room

B&C

7:00 – 8:00 PM: Jeremy Monroe, Freshwaters Illustrated, River Webs DVD presentation – Range Room A

Tuesday, March 4th

7:00 AM – 12:00 PM: Meeting Registration – The

Plains Hotel main entry

8:00 AM- 12:00 PM: Trade Show

8:30 – 8:45 AM: Welcoming Introduction

8:45 – 9:00 AM: Illegal Fish Stocking Task Force

Address

9:00 AM – 12:00 PM: Plenary Session – Illegal Fish Introductions and ANS in Western Watersheds

12:00 PM – 1:00 PM: Lunch (on your own)

1:00 – 5:00 PM: Contributed Papers

1:00 – 5:00 PM: Poster Session

1:00 – 5:00 PM: Raffle Items Exhibit

1:00 – 5:00 PM: Meeting Registration – The Plains

Hotel main entry

1:00 – 5:00 PM: Trade Show

6:00 PM: Student Social/Bluegrass open jam (free food, beer and nonalcoholic beverages) – The Train Depot Building (next to Snake River Restaurant & Brewery)

Wednesday, March 5th

7:00 AM – 12:00 PM: Registration – The Plains

Hotel main entry

8:00 – 11:30 AM: Contributed Papers

8:00 – 11:30 AM: Poster Session

11:30 AM – 1:00 PM: Chapter Business Lunch

Meeting

1:00 – 5:00 PM: Contributed Papers

1:00 – 5:00 PM: Poster Session

1:00 – 5:00 PM: Raffle Items Exhibit

1:00 – 5:00 PM: Trade Show 6:30 PM: Dinner Banquet

Thursday, March 6th

8:00 AM – 5:00 PM: Freshwaters Illustrated Continuing Education Workshop – Cheyenne (bring

a bag lunch)

8:00 AM – 5:00 PM: Aquatic Nuisance Species Continuing Education Workshop – Boulder, CO (lunch on your own, 12:00 – 1:00 PM)

Friday, March 7th

8:00 ÅM – 5:00 PM: Aquatic Nuisance Species Continuing Education Workshop – Boulder, CO (lunch on your own, 12:00 – 1:00 PM)



FINAL Call for Papers & Posters

The Program Committee encourages members to prepare a presentation or poster relating to aquaculture, fisheries management, piscicides, historic perspectives, illegal fish introductions, aquatic nuisance species, native species, aquatic and upland habitat (watershed perspective), riparian management, aquatic education, and other aquatic related topics. NO presentation or poster will be turned down.

Final deadline for presentation and poster abstract is February 18, 2008.

Abstracts for contributed papers and posters should be prepared as 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. Please indicate the presentation type LCD projector and PowerPoint Presentation (preferred).
- 5. Indicate if presenter is a student.
- 6. Indicate length and width of poster.

Abstract Example

Please follow this format for abstract submission:

Title in 12 point Times New Roman Font Authors: Craig Amadio (Presenter), Wyoming Game and Fish Department, 351 Astle Ave, Green River, WY, 82935, 307-875-3223 (W), 307-875-3242 (F), Craig.Amadio@wgf.state.wy.us; List all coauthors Abstract: The abstract may include but is not required to include a problem statement, objectives, findings, and conclusions. Abstract will be 350 words or less.

Preference: Oral presentation (LCD) or Poster.

Student: No

All contributions must be submitted in either of two ways:

- 1. E-mail to <u>Craig.Amadio@wgf.state.wy.us</u> **AND** <u>Darren.Rhea@wgf.state.wy.us</u> with contributed paper/poster abstract attached as an MS Word or WordPerfect file.
- Submit on a CD in either MS Word or WordPerfect to: CO/WY Program Committee Craig Amadio, Wyoming Game and Fish

Department 351 Astle Ave.

Green River, WY 82935

For additional information, please contact Craig Amadio at 307-875-3223 or

Craig.Amadio@wgf.state.wv.us

Guidelines for Presenters

If you're planning to present a paper at the CO-WY Chapter Meeting, please follow these guidelines:

Presenting a Paper:

- Submit abstract (≤350 words) prior to February 18.
- Time allotted for each presentation will be 20 minutes: 1 minute for introductions, 15-16 minutes for the presentation, and 3-4 minutes for questions.
- The only acceptable format for presentations is computer LCD projection using Microsoft PowerPoint. If additional formats are necessary (i.e., Corel Presentation, 2"x2" slides) please contact Bobby Compton for arrangements.
- Save presentation as your last name followed by first name as the presentation title.

• Submit presentation in Microsoft PowerPoint format on C.D., by Monday, February 25 to:

Bobby Compton

Wyoming Game & Fish Department 5400 Bishop Blvd., Cheyenne, WY 82006

Or, if smaller than 10MB, presentations can be emailed to: Bobby.Compton@wgf.state.wy.us

- * Please send an additional email confirming that a presentation has been sent or emailed to:

 <u>Bobby.Compton@wgf.state.wy.us</u> so that receipt of presentation can be verified.
- If not submitted by February 25, presentations should be brought to the meeting on CD or USB Flash Drive in Microsoft PowerPoint compatible format
- At the meeting, presentations will be downloaded to the meeting computers during registration. Presentations must be downloaded by 8:00 pm on the evening before your talk.
- Please bring a backup copy of your presentation to the meeting, just in case.
- A preview room will also be available so speakers can review their presentations.

Presenting a Poster:

- Submit abstract (<350 words) prior to February 18.
- Create an easily readable poster.
- Bring your poster to the meeting. Locations for posters and directions for hanging will be provided at registration.
- Stand near your poster during dedicated poster breaks to answer questions.

Audio-Visual Help Needed!



Help is needed on the AV Committee for the upcoming CO-WY Chapter AFS Meeting. Volunteers are needed to assist with downloading presentations at the meeting and running AV equipment during presentations.

If interested please contact Bobby Compton @ Bobby.Compton@wgf.state.wy.us

Announcing the Colorado/Wyoming 2008 Annual Meeting Auction and Raffle

Wednesday, March 5th, 2008



We are looking forward to a lively raffle and auction to complement the awards portion of the banquet at our 2008 Annual Meeting. We will be conducting live and silent auctions, a bonus raffle, and a general raffle.

To maximize our fundraising efforts, we are asking attendees to bring items to donate to the auction and raffle. We are interested in items such as backcountry trips, guided fishing trips, hand made flies, original artwork, prints, or other fish related items. To make the most of donated trips, we ask that you arrange lodging to go along with the trip, if possible.

If you would like to make contributions please bring the donation with you to the meeting or send to:

Dan Brauch, CO Division of Wildlife, 300 W. New York Avenue, Gunnison, CO 81230

or

Tracy Stephens, WY Game and Fish, 420 North Cache, Box 67, Jackson, WY 83001



THANKS!!!

Continuing Education

Two Continuing Education workshops will be available at this year's annual meeting. Workshops will be taught in concurrent sessions on Thursday, March 6th and participants will need to choose which they want to attend. The Aquatic Nuisance Species (ANS) workshop continues on Friday, March 7th and anyone can attend the second day, even if you participated in the other workshop on Thursday. The ANS workshop was designed so that you do not need to attend the first day to take advantage of the second day.

Digital Photography for Aquatic Biologists: This will be a full-day workshop taught on Thursday, March 6th by Freshwaters Illustrated. This workshop will take place in conjunction with the annual meeting in Cheyenne. Cost for regular members will be \$35. Participants will need to register for this workshop when they register to attend the annual meeting. There will be an attendance limit, so please register early to reserve a spot. Please see the following announcement in this newsletter for specific details about the workshop.

Aquatic Nuisance Species: This will be a two-day workshop taught on Thursday, March 6th and Friday, March 7th. Although the workshop spans two days, each day is independent of the other to allow participants to attend both days or either day individually. This workshop was originally arranged for personnel with various agencies in Colorado to attend, so will take place in Boulder instead of Cheyenne. There will be **no charge** for participants to attend this workshop, but they do need to register when completing their meeting registration to assure we do not exceed attendance limits. Please note that Wyoming Game and Fish personnel will be allowed to attend the workshop in Boulder without out-ofstate travel authorization, provided that lodging arrangements are maintained in Chevenne and reasonable efforts are made to carpool to Boulder. Please see the following announcement in this newsletter for specific details about the workshop.

For questions related to registration or other AFS Continuing Education questions, please contact:

Andy Dux at Andrew.Dux@wgf.state.wy.us, 307-233-6410, or

Ryan Fitzpatrick at <u>Ryan.Fitzpatrick@state.co.us</u>, 970-472-4336.

<u>Digital Photography for Aquatic Biologists</u> presented by Freshwaters Illustrated

Become a more effective educator, scientist, and visual communicator through photography! Both beginning and intermediate photographers will learn how to produce more effective photographs through this comprehensive hands-on workshop covering:

- The importance of photography in science, education, and outreach
- A holistic 5-step approach to digital photography
- Fundamental photographic principles and techniques
- Digital equipment, techniques, and workflow
- Digital photo editing, organization, and management
- Natural history photography
- Underwater photography
- Macro and micro-photography
- Photographic sampling and documentation in research and biomonitoring

Participants will spend the morning in the classroom and the afternoon in a field/classroom session.

To bring: Digital camera and user's manual, spare camera battery and charger (if possible), memory card(s), camera-to-computer cable, any other photo gear you'd like to work with, outdoor shoes/boots, water, sunscreen, warm clothing layers.

Instructors: Jeremy Monroe, Director, Freshwaters Illustrated

Steve Glass, Photojournalist, Glass Photography/Freshwaters Illustrated

For questions about workshop content or registration, please contact:

Andy Dux at <u>Andrew.Dux@wgf.state.wy.us</u>, 307-233-6410, or Ryan Fitzpatrick at <u>Ryan.Fitzpatrick@state.co.us</u>, 970-472-4336.



Freshwaters Illustrated

Aquatic Nuisance Species Workshop

Colorado State Parks and the Colorado Division of Wildlife are collaborating for the third year in a row to offer an Aquatic Nuisance Species workshop **FREE** to participants. The workshop partners include the U.S. Fish and Wildlife Service, the American Fisheries Society, the Colorado Weed Management Association and the Colorado Aquatic Nuisance Species Steering Committee (CANSSC).

This year is going to be a bit different and more exciting than previous years! The workshop has been expanded to a two-day event. The first day of the workshop will be Watercraft Inspection and Decontamination Training, and the second day will be classroom lecture. The first day will be administered by Wyn Baldwin and Bill Zook of the Pacific States Marine Fisheries Commission. Wyn and Bill travel the western U.S. teaching watercraft inspection and decontamination protocols for zebra/quagga mussels. Participants will be able to get out and inspect a variety of watercraft for these hard to detect critters. Additionally, various questions related to inspecting and decontaminating watercraft for ANS can be answered. The classroom day will focus on both aquatic invasive weeds and animals (zebra/quagga mussels, New Zealand mudsnail, Eurasian water milfoil, water hyacinth, etc.), covering topics related to their identification, biology, habitat requirements, impacts, and control methods. We will also discuss current control programs, ANS programs in neighboring western states, and sampling and monitoring techniques. The CANSSC will present the Colorado Statewide ANS Plan and the process for approval.

The workshop will be offered in Boulder, CO on March 6-7 and will run from approximately 8am – 5pm each day. Participants can choose to attend both days or only one day. If you miss the first day or decide to register for the Freshwaters Illustrated workshop on March 6, you may still attend the second day of the ANS workshop. Registration is necessary as space is limited. Also, Wyoming Game and Fish personnel may attend the workshop in Boulder without out-of-state travel authorization, provided that lodging remains in Cheyenne and reasonable efforts are made to carpool to Boulder each day.

For more information about the workshop content, please contact Elizabeth Brown at <u>Elizabeth.Brown@state.co.us</u>, 303-866-3203 x335.

For questions related to registration or other AFS Continuing Education questions, please contact Andy Dux at Andrew.Dux@wgf.state.wy.us, 307-233-6410, or Ryan Fitzpatrick at Ryan.Fitzpatrick@state.co.us, 970-472-4336.



Final Call for Nominations CO-WY Chapter AFS Awards



Thinking about that outstanding coworker, supervisor, citizen, landowner, colleague, mentor, or other "character?"

Know someone who has made a significant contribution (this past year) to fishery or habitat management, science, or policy...or someone who was involved in an infamous fish folly?

It is that time of year again!

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."

"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.

Leaky Boot Award: "Recognizes the most outrageous behavior" of any fisheries student or professional in the year subsequent to the Chapter's Annual Meeting.

Format: Limit to one page for MAX and Leaky Boot awards please (Award of Excellence can be more detailed).

Deadline for Nominations: February 18, 2008

Send to or Contact:

Melissa Schnier

melissa schnier@hotmail.com

or

Rod Scarpella

rscarpella@hotmail.com

Student Social



The student social will be held Tuesday evening, March 4th, at the Union Depot lobby, located across the street from the Plains Hotel. To get there, just head south out of the hotel doors, cross Lincolnway, and head for the clock tower. Students and all AFS members who support their professional development are encouraged to attend, as this is an excellent opportunity to network and make personal connections. The Union Depot, a National Historic Landmark and widely acknowledged to be one of the most beautiful train stations in North America, will make an ideal setting for visiting, enjoying food and drink, and listening to live country and bluegrass music.

ATTENTION STUDENTS!



Please consider volunteering some of your time to help at the 2008 Colorado/Wyoming Chapter of the American Fisheries Society Annual Meeting. Selling raffle tickets and running AV equipment during presentations are examples of how you can help out. The student(s) who volunteer the most time at this year's meeting will receive an award at the banquet



CO/WY Secretary-Treasurer Election

The voting process for this year's Chapter Secretary-Treasurer position will be different from what we have done in the past. Chapter members will receive an email with the candidates' information included. Members will be responsible for selecting their candidate of choice by responding to the Chapter email by a yet-to-be-determined deadline (provided in the email). Members that are not comfortable responding via email due to confidentiality issues may respond by paper ballots at the Annual Meeting in Cheyenne. Paper ballots will be available at the registration desk at the Annual Meeting. Chapter members that desire to respond by paper ballots must return their completed ballots to the registration desk by 5:00 PM on Tuesday, March 4th. Please take the initiative to vote for one of these outstanding nominees to lead the CO-WY Chapter!! Please contact Lori Martin, Chair of the Nominating Committee, should you have any questions or concerns (lori,martin@state.co.us; 970-255-6126).

This year we are fortunate to have two outstanding nominees for the incoming Chapter Secretary-Treasurer position. Ryan Fitzpatrick and Ann Widmer have graciously accepted the nomination to lead our Chapter. Congratulations to you both!!

Ryan Fitzpatrick
Candidate for Secretary-Treasurer



I grew up in western Iowa and spent most weekends with my Dad and brothers chasing bass, bluegills and crappies in area farm ponds. These early experiences really captured my imagination and instilled in me a fascination for anything related to aquatic biology. During times when I couldn't be outside chasing fish a large portion of my youth was spent with my nose in fishing magazines. When my first issue of In-Fisherman arrived I spent so much time with it my mother declared, "Ryan has found his bible."

I received my B.S. from Iowa State and am currently finishing up my M.S. at Colorado State. My fisheries work experience began as a technician for the CSU COOP working with multiple graduate students. My next position was as fishery technician for the Colorado Division of Wildlife. These positions provided a broad range of experiences from tiny mountain streams to large plains rivers and reservoirs. I currently work for the Colorado Division of Wildlife in Fort Collins 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.

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. By working with various agencies, we were able to fund the meeting costs including registration, transportation, and lodging for thirteen 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 had a participation of 100 anglers. 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 at CSU I've given presentations at Colorado-Wyoming meetings three times, at the student subunit once and at the 2006 National meeting in Lake Placid. In my current role as the continuing education co-chairperson, Andy Dux and I arranged two strong continuing education workshops. Through its meetings and publications AFS has provided me with exposure to important issues in fisheries and a strong network of people within the fisheries field. I am very appreciative of these benefits and hope I can give back to AFS in an official role over the next several years.

As a candidate for Secretary-Treasurer I hope to increase membership numbers, increase participation of current members and strengthen our relationship with the student subunits. 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 great fish folks of Colorado and Wyoming. I appreciate your consideration for this position.

Ann Widmer
Candidate for Secretary-Treasurer



Browsing through past editions of the Angler, I quickly deduced that I was expected to include a picture of myself holding a large fish with my biography. However, the little beauties I work with, although magnificent, can be difficult to appreciate from a distance. So, I decided to break with tradition and appear here with my dog, Milo.

A little about me. I grew up in a suburb west of Denver. Rich natural resources did not abound in my neighborhood, but my dedicated outdoors-loving parents would whisk us up into the mountains nearly every weekend in the summer. There I fell in love with rivers, lakes, and everything wet. As a child (okay, I'll admit it—and sometimes as an adult), I'd cry when it came time to return to the city. To soothe me, my parents would give me a film canister to collect sand and water from the stream's edge to take home. For years, I prided myself on my growing river collection, which was carefully organized on a shelf in my closet.

I attended college at the University of Colorado in Boulder, but was first introduced to fisheries during a yearlong study abroad to Lancaster University in northern England my junior year. I graduated in 2000 with a BA in Environmental, Population, and Organismic Biology and was hired that summer as a technician with the Colorado Division of Wildlife. I enjoyed a few seasons with the Division sampling fish and water quality all over the state. Much to my

surprise, my favorite sites were on the plains—it boggled my mind that a diversity of fishes I never knew existed lived under such precarious conditions.

I completed a MS in Wildlife and Fisheries Science at the University of Arizona in Tucson, graduating in 2004. My thesis research examined the thermal tolerance of native and nonnative species of the San Pedro River basin, with an emphasis on the threatened loach minnow. I built a large computercontrolled aquaria system to test the effects of different temperature fluctuation amplitudes on chronic upper thermal tolerance. The results of these experiments are published in Transactions of the American Fisheries Society. I first became a member of AFS in 2002 and worked with undergraduate students to form an AFS sub-unit at the University of Arizona in 2004. I presented various aspects of my thesis research to meetings of the Arizona/New Mexico Chapter of AFS and at the national AFS meetings in Quebec City (2003) and Madison (2004).

I returned to Colorado in late 2004 when I began working for SWCA Environmental Consultants in Broomfield, CO. I had no prior experience with consulting, but quickly grew to enjoy the variety and fast pace of the projects. I primarily work with threatened and endangered fish species on state and federal contracts. Lately, I've been working on generating population estimates for the threatened Pecos bluntnose shiner in the Pecos River and characterizing egg/larval drift and retention of the endangered Rio Grande silvery minnow in the Middle Rio Grande. I've presented results from two of my SWCA projects at conferences: the national AFS meeting in Lake Placid (2006) and Colorado/Wyoming Chapter AFS meeting in 2007.

I am interested in becoming more involved in the Colorado/Wyoming Chapter. I've served on the membership committee with Steve Gale since 2006. Through that involvement and attending the annual meetings, I've really enjoyed getting to know many of the biologists in this region. I am interested in expanding opportunities to exchange ideas and for Chapter-sponsored continuing education. I applaud the Chapter's recent efforts at advocacy and would like to encourage more of these efforts in the future.

I look forward to seeing you at the annual meeting, and I appreciate your consideration for the Secretary-Treasurer position.

CO/WY AFS Advocacy Vote



The Colorado-Wyoming Chapter of the American Fisheries Society was approached by the Wyoming Wildlife Federation (WWF) to sign onto a petition letter from the WWF to Wyoming Governor Dave Freudenthal for his "past and current advocacy on behalf of Wyoming sportsmen and wildlife," and to ask for his "continued and intensified leadership efforts to ensure that oil and gas development in Wyoming proceeds on Wyoming's terms." The WWF's Daly Edmunds gave a presentation at the September 2007 ExCom meeting and requested the Chapter's involvement. The ExCom determined that the issue is pertinent to the goals of the Chapter and told the WWF that the Chapter would follow through.

On December 3, 2007 Environmental Policy Committee Chair Kathy Foster sent an e-mail to members requesting their vote on the issue. Voting was open from December 3, 2007 until January 7, 2008. A total of 57 out of 250 members voted on the issue. Fifty-seven of the voting members voted in favor and one member voted against signing the petition. Therefore, the CO/WY Chapter AFS signed onto the petition letter by the Wyoming Wildlife Federation to Wyoming Governor Dave Freudenthal.



The CO-WY AFS Membership Committee is going to have a JOB BOARD again at the 2008 Chapter meeting in Cheyenne. The board is intended to help those looking for employees, as well as those looking for employment. Please bring copies of your job announcement or resume to post on the board. If you will not be present at the meeting, please send your announcement or resume to Ann Widmer (awidmer@swca.com) or Steve Gale (Steve.Gale@wgf.state.wy.us).

CO/WY AFS Chapter EXCOM Meeting Notes

EXCOM Meeting/Video Conference (VC) December 15, 2007 Chevenne, WY

Participants: Matt Kondratieff, Bobby Compton, Andy Dux, Nathan Cook, Beth Bear, Christiana Barrineau, Steve Gale, Kathy Foster, Ryan Fitzpatrick, Paul Gerrity, Mark Smith (VC), Craig Amadio (VC), Lori Martin (Phone)

8:30 am Meeting Called to Order

Approval of Agenda and Minutes: Steve Gale made a motion to approve the November conference call minutes, Paul Gerrity seconded and the minutes were approved.

Secretary Treasurer Report: Expenses since September total \$1,167.28, income in the period was \$1,000 (donation from BLM), current balances are \$11,762.38 checking, \$12,128.01 savings. We have yet to receive any notification on the status of our investment in the Western Division (WD) investment fund. Matt will find out why we have yet to get an update at the WD conference call.

Student Sub-unit Reports

University of Wyoming: Nathan Cook was elected as president of the UW sub-unit. They have had a busy semester and are excited about starting a fall project with WYGF doing red counts on Spring Creek. They have several undergrads involved this year - a noted improvement from the past.

Colorado State University: Lucas Young is CSU subunit president. Matt has been talking to Chris Myrick to determine why we have been unable to communicate effectively with the subunit.

Committee Reports

Arrangements: Kevin Gelwicks and Dave Zafft are planning to help Beth with arrangements. Bobby Compton has been working on organizing the student social. Bobby checked out the Union Depot as the venue for the social. Rates for the space are \$85/h plus a \$50 set up and take down fee for tables and chairs and a \$75 cleaning fee. We can bring in any food and beverage. We will not need a permit if we don't charge money and it isn't open to the public. A form must be submitted to the county clerks office

and taken to the depot. We would need a homeowner policy to cover negligent damage. Paul Dey is donating some beer. Bob Hall and New Belgium have donated in the past. Lori Martin has a connection that would likely donate some fried chicken type food. Matt will come up with a total budget for the student social.

Hotel rooms are \$60 for any room Sun-Thurs if they designate the CO-WY AFS conference at time of reservation. Eric Wagner the WD president is planning to come and will receive a complimentary room.

There are no lunches offered by the hotel that are as little as the \$10 we asked from registrants. Beth will work with the hotel to come up with the best alternative we can get.

Chapter Archivist: Greg asked that he get seven printed programs to be put into the archives. Lori currently has the archive material in her truck. She needs to go through it and see what needs to be scanned. The archive will eventually move to Spearfish SD, but it will be another year at the earliest.

Continuing Ed: Ryan talked to Jeremy at Freshwaters Illustrated. They are very interested in putting on a workshop. They would do a full day workshop with field trip. An ANS workshop would be a half-day session with Chris Myrick as organizer. It was agreed that we would pursue a Thursday workshop by Freshwaters Illustrated and incorporate an ANS session into the program at the meeting.

Environmental Policy: Kathy has had 18 responses to the email vote request regarding the letter from the WWF to WY Governor Dave Freudenthal.

Membership: Steve contacted the Parent Society and found that as of November, we have 250 members. There are still discrepancies between our list and the Parent Society list. Kathy mentioned that this had been a problem with the Chapter receiving fewer rebates than we felt due. Steve also checked with the Parent Society regarding on online voting. The Parent Society uses votenow.com, a company that charges \$500/yr.

Newsletter: Paul asked if we needed three editions a year. The bylaws say we will have three. It was agreed that the late fall edition could be pared down to a simple meeting announcement. Paul said the

deadline for the January Angler would be January 15. Lori brought up that we needed a registration form on the website instead of imbedded in *The Angler* on the website. **Matt said he would make sure Kevin gets that message.**

Nominating: Lori has one potential candidate and will find another. The format for voting was discussed and it was decided the best alternative the Chapter currently has is to do an e-mail vote. Those that have a problem with confidentiality of their vote will be able to mail in a ballot. **Kathy will accept and tally the votes**.

Program: Craig is working with Darren Rhea, Brett Johnson and others to put together the plenary session. Craig requested any suggestions for a meeting slogan/theme. Law enforcement personnel that attend will not be asked to pay registration. Nate will help Craig get the program printed at UW as has been done in the past.

Christina volunteered to handle the purchase of speaker gifts.

Webmaster: Kevin is working with Mark Coleman to give the website a facelift. The website needs photos etc. to make the site more visually appealing. Bylaws on the site are the most recent edition.

Annual Meeting Funding: Lori has talked to the USFS about a contribution to the meeting. The BOR has helped every other year and helped last year but Lori will ask again. The goal is to generate \$2,750.

AV/Volunteer: Bobby needs eight laptops and five projectors for the meeting. Matt will bring three projectors and five laptops. Matt will check out the version of PowerPoint on the machines and let Bobby know. We will need to hit up Dirk Miller to see if he can provide the two printers he did last year.

Best Paper: Paul told Christina that the Parent Society changes criteria for judging continually and that the most recent criteria can be found on the web site.

Illegal Stocking Taskforce: The top priority for this new committee is to get the plenary session together for the meeting. Craig will find out who should be sending out the resolution we adopted that was to be distributed to the chiefs of fisheries in CO and WY as well as law enforcement chiefs.

Registration: Dirk and Tina again volunteered their help with registration. Mark will ask Dirk to update the registration database.

Student Liaison: Kendall Ross has volunteered to take on this task for the Chapter. She will help bridge the gap between the sub-units and the Chapter.

Trade Show: Steve has a few confirmations and is tracking down a few others that are interested in participating this year.

Unfinished Business: Lori and Matt are working on the taxes. They are meeting next week with H&R Block.

A recent email from the Parent Society and letters from the IRS regarding the need for sub-units to file taxes was discussed. Nate will talk to organizers of campus groups at UW to see if there is any precedent for a student organization needing to file. Matt will bring up the topic at the next conference call with WD.

New Business: Eric Wagner has asked if the Chapter would be interested in joining with Bonneville in hosting the WD meeting in 2010. Mark will talk to Mark Pegg the NE Chapter President and see if they are still interested in having a joint meeting in 2010. We will pursue one of the two options for 2010.

Meeting Adjourned 2:30pm

Next Meeting: Conference call January 24, 11:30am. Matt will send out instructions.

Student Subunit and Committee Updates

UW Student Subunit - Nathan Cook

The upcoming semester will be full of activity for the University of Wyoming student subunit of the American Fisheries Society. From January 25th-27th members of the subunit will be heading to Flaming Gorge for an ice fishing trip, where we will be targeting invasive burbot and fishing alongside Wyoming Game and Fish biologists. At the Colorado/Wyoming Chapter meeting in March, student members will be able to hear about the latest fisheries research and rub elbows with fisheries professionals. The Chapter meeting will also provide a venue for several of us to present our research. We

are also planning a trash cleanup for the latter part of the semester.

UW subunit speakers:

January 23 David Zafft
March Harold Bergman
April 8 Matt Kondratieff



University of Wyoming student subunit members Pete Mudrak and Josh Gentile conducting a redd count on Spring Creek in Laramie.

CSU Student Subunit - Lucas Young

Last semester started out strong with our semi-annual fish fry in early September. The turnout was good, the company better, and food best of all. We have yet to disappoint with our piles of fried catfish and tilapia, as most people seemed to leave fat, happy, and full of fried fish.

Unfortunately due to scheduling conflicts and confusion we were not able to bring in as many speakers as we would've liked to have seen this fall. Dr. Kurt Fausch gave a wonderful talk on trout stream ecology as a primer to the premier showing of RiverWebs on campus. Along with Barry Nehring who visited us last spring, George Schisler and Bill Atkinson gave complimenting talks that together made a nice trifecta on whirling disease (WD) in the state. Barry talked about tubifex worms and transmission, George talked about the development of WD resistant strains of rainbow trout, while Billy concluded with a talk about using WD resistant rainbow trout for stocking around the Steamboat area to deal with pike problems. Our final speaker of the semester was Pat Martinez, who gave a very informative talk about western lake trout woes. Turnout at the weekly meetings was good this past

semester, with a lot of recruitment thanks to Chris Myrick and the students from his Intro to Fishery Biology class (who have to attend at least two AFS meetings). Despite the mandatory attendance many of his students became regulars on Wednesday evenings.

Unfortunately due to a busy semester for our officers, activities outside of our biweekly meetings were limited. Some of the officers and other members made a fishing and camping trip up to Delaney Lakes in September. Plenty of other non-official fishing trips were made with officers and members throughout the fall. We also resumed our natural area/river cleanup by hosting a river cleanup on the Poudre River later in the fall. The cleanup was a big success and was followed with a barbecue on the river and fishing afterwards.

For the upcoming semester we are planning on making more fishing and ice fishing trips. A date has been set in mid-April for our annual College Lake fishing derby. The College Lake study from last year will be continued this fall prior to the derby, though we have yet to go over the results from last year, let alone discuss the details of our plan for this semester. We have several speakers lined up for our meetings already, and are also trying to bring in novel speakers that might add a new dimension to our meetings. Ken Kehmeier has contacted us about helping to place structure in some of the ponds and reservoirs around Fort Collins and Loveland. However, we will probably wait for spring to come before commencement. Last winter we provided tools, materials for fly-tying sessions during off weeks. The atmosphere has been casual, with people showing up just to get some tying in and perhaps exchange patterns and ideas. This is something that we will be continuing again this year after we commence meetings for the semester. This is not a complete list of the plans for the upcoming semester, and as always we will be brainstorming and generating more ideas at our officers meetings.



CSU Student Subunit members after a day of picking up trash along the Poudre River

Membership – Steve Gale and Ann Widmer 2007 Annual Meeting Info - At recent Chapter meetings, the Membership Committee has set up a booth to provide members with information on the Hutton program, Professional Certification and our committee activities. This information will also be made available at the 2008 Chapter meeting. Also at the 2008 Chapter meeting we will have our Master Membership List on a laptop. Please stop by and check your contact information to make sure it is current

<u>Membership</u> - Since the annual meeting, the committee has communicated with the Parent Society and updated our membership as of November 2007. Members having a Colorado or Wyoming address are members of our Chapter. However we still continue to receive out of state people that want to be members of our Chapter. The current membership, based on Parent Society records, stands at 250 members.

Membership Type	CO/WY AFS Chapter
Life	34
Regular	139
Retired	14
Student	40
Young Professional	22
Developing Countries	1
Totals	250

Student Gift Memberships

It's time to think about that summer field worker and recognize him or her with a Student Gift Membership to our CO/WY AFS Chapter!



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 6 gift memberships to undergraduate students attending any college or university in Colorado or Wyoming.

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.

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.

Chapter members can send their student nomination to the Membership Committee Co-Chairs. The Membership Committee has only received one request for gift memberships to undergraduate students since the annual meeting. We have 5 more to award, so please nominate a student that might be interested in exploring a career in fisheries.

Ann Widmer

Phone: 303- 842-5956 Email: awidmer@swca.com

or

Steve Gale

Phone: 307-745-4046

Email: Steve.Gale@wgf.state.wy.us





Registration Form for the 2008 Annual Meeting of the Colorado/Wyoming Chapter of the American Fisheries Society

March 3 - March 7, 2008 The Plains Hotel, Cheyenne, Wyoming

Name:				
Title:				
Affiliation:				
Address:				
City:	State:	Zip:		
Phone:	E-Mail:	<u> </u>		
AFS Member ID #:				
Early registration deadline for the meetin	a and continuing of	luaatian warkahan ia		
February 18, 2008. Early registration is r	•		eting.	
Meeting Registration: Includes all breaks	and Monday and Tr	uesday evening socials		
		<u>Early</u>	<u>Late</u>	
Regular Parent Society Member		\$100	\$125	
Student or Retired Parent Society Member		\$55	\$70	\$
Regular Non-Parent Society Member		\$115	\$130	\$
Student or Retired Non-Parent Society Mem		\$70	\$85	\$
Monday Evening Welcoming Social (Free		# attendi	-	
Tuesday Evening Student Mentoring Soc	ial (Free)	# attendi	ng	
Banquet Registration				
Dinner Buffet Wednesday, March 5th @ 6:0	0 PM	\$25		\$
Additional Buffet Ticket		\$30		\$
CO/WY Business Meeting Lunch Buffet				
Wednesday, March 5th @ 11:30 AM		\$10		\$
Please let us know which CE workshop(s	, -			_
Select only one workshop on Thursday.			dless	of
your Thursday selection. See CE course Freshwaters III		ANS Workshops		
Cheyenne, WY		Boulder, CO (Free)		
Thursday, March 6	(ψ, See below)	boulder, co (1 lee)		
	N/A			
Freshwaters Ilustrated Continuing Educa		istration - Thursday, Mar	ch 6	-1
Regular Parent Society Member		\$35	\$50	\$
Student or Retired Parent Society Member		\$25	\$40	\$
Regular Non-Parent Society Member		\$50	\$65	\$
Student or Retired Non-Parent Society Mem	ıber	\$40	\$55	\$
*Note: No Credit Cards Accepted. Please ma	ake checks payable to	: CO-WY AFS Total Du	ıe	\$
Send completed form and registration fe Mark Smith, Wyoming Game and Fish De		e Hwy 120, Cody, WY 82	414	

2006-2007 Chapter Officers and Committee Members

Chapter Officers			
President Vice President Secretary-Treasurer Past President UW Subinit President CSU Subunit President	Matt Kondratieff Kathy Foster Mark Smith Lori Martin Nathan Cook Lucas Young	Matt.Kondratieff@state.co.us kafoster@usgs.gov Mark.Smith@wgf.state.wy.us Lori.Martin@state.co.us ncook@uwyo.edu worldangler23@hotmail.com	970-472-4316 307-775-9166 307-527-7322 x. 15 970-255-6126
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Arrangements	Beth Bear Dave Zafft	Beth.Bear@wgf.state.wy.us David.Zafft@wgf.state.wy.us	307-745-5180 x. 256 307-745-5180 x.235
Audio-Visual	Bobby Compton	Bobby.Compton@wgf.state.wy.us	307-777-4673
Awards	Rodney Scarpella Melissa Schnier	rscarpella@hotmail.com melissa_schnier@hotmail.com	303-562-7070 303-882-8623
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Endowment Funding Scholarship	Matt Kondratieff	Matt.Kondratieff@state.co.us	970-472-4316
Environmental Policy	Kathy Foster	kafoster@usgs.gov	307-775-9166
Fundraising	Lori Martin	Lori.Martin@state.co.us	970-255-6126
Grants Funding	Matt Kondratieff	Matt.Kondratieff@state.co.us	970-472-4316
Illegal Stocking Task Force	Craig Amadio	Craig.Amadio@wgf.state.wy.us	(307) 875-3225
Membership	Steve Gale Ann Widmer	Steve.Gale@wgf.state.wy.us awidmer@swca.com	307-745-5180 x.239 303-487-1183
Newsletter	Beth Bear Paul Gerrity	Beth.Bear@wgf.state.wy.us Paul.Gerrity@wgf.state.wy.us	307-745-5180 x. 256 307-473-3413
Nominating	Lori Martin	Lori.Martin@state.co.us	970-255-6126
Paper/Poster Judging	Christina Barrineau	Christina.Barrineau@wgf.state.wy.us	307-745-5180
Program	Craig Amadio Darren Rhea	Craig.Amadio@wgf.state.wy.us Darren.Rhea@wgf.state.wy.us	(307) 875-3225 (307) 367-4352
Raffle	Tracy Stephens Dan Brauch	Tracy.Stephens@wgf.state.wy.us Dan.Brauch@state.co.us	307-733-2321 970-641-7070
Registration	Kathy Foster Mark Smith	kafoster@usgs.gov Mark.Smith@wgf.state.wy.us	307-775-9166 307-527-7322 x. 15
Student Liason	Kendall Ross	kendall.ross@state.co.us	
Trade Show, Vendors, Sponsors	Steve Gale	Steve.Gale@wgf.state.wy.us	307-745-5180 x.239
Website	Kevin Welwicks	Kevin.Gelwicks@wgf.state.wy.us	307-745-5180 x.236