

FISH SOUP

AZ-NM CHAPTER AMERICAN FISHERIES SOCIETY

Established 1967, Volume 38 Number 3

Fall 2007

Incoming President's Message for Members

Amy Unthank, President

In the previous edition of Fish Soup, the Chapter's outgoing President, Pam Sponholtz, highlighted many Chapter accomplishments. Huge "thanks" go to Pam for being an engaged President, including the important work of participating on the Western Division AFS Executive committee and working to finalize recognition of three student sub-chapters (NMSU, ASU, and UofA). I'm looking forward to carrying the presidential gavel this year with the assistance of Matt Rinker (Secretary Treasurer), Pam (past-President), Marianne Meding (President-elect), Anne Kretschmann (newsletter editor) and Jeremy Voeltz (membership chair) as our executive team.

We have two significant meetings coming up. The first one is our 41st chapter meeting, to be held jointly with the Wildlife Society chapters in Prescott, Arizona from February 7-9, 2008 at the Prescott Resort. Pam Sponholtz, Matt Rinker, and Chuck Benedict have been the primary planners behind the chapter meeting and have accomplished all of the initial work with the Prescott Resort staff. The planning committee includes Pam (arrangements, plenary session, and registration), Chuck Benedict (general chair, meeting budget, and Grand Poohbah), Amy Unthank (president), Anne Kretschmann (logo and social chair), Julie Meka (program chair), Scott Bryan (AV), Shaula Hedwall (plenary session), Jason Kline (poster chair), Heidi Blasius (student affairs), Dirk Renner (program and printing), Yvette Paroz (continuing education), Kristin Pitts (AV), Matt Chmiel (AV), Jason Weibenga (photo contest), Stu Tuttle (TWS representative), and last (but not least) the exemplary raffle expert, Jim Warnecke.

The plenary session theme of **"Providing Water for Urban Growth: Challenges for Managing Terrestrial and Aquatic Species"** will include an array of speakers with interests on the Verde River including Abe Springer (Northern Arizona University), Chuck Paradzick (the Salt River Project), Carol Springer (Yavapai County Supervisor), Dan Campbell (the Nature Conservancy), Michael Byrd (Prescott Creeks Preservation Association), Michelle Harrington (the Center for Biological Diversity), and should prove to be of great interest.

This year's continuing education course held in conjunction with the meeting will be about Hazard Analysis Critical Control Point Planning (HACCP) with resident experts from AZGFD and USFWS as instructors. It will be held the day prior to the annual meeting. Look for sign-up information on the meeting announcement website.

The Chapter Business meeting will be held prior to the welcoming social in Prescott on February 7. Continuing on last year's tradition, your ex-comm will have beverages on hand to help

facilitate discussion and accomplish the business meeting with an on-site quorum. Please attend the business meeting if you are a chapter member. Several important items will be on the agenda, including finalizing the by-laws of the student sub-chapters, setting up committees for the Western Division AFS meeting to be held in Albuquerque in May of 2009 (the 2nd important meeting we have on our horizon and a great opportunity to show-case our regional issues and support the financial footing of our chapter into the future). Leanne Roulson, who is the current Vice-President of WDAFS, will attend our business meeting to help discuss the planning for WDAFS 2009. We will also talk about what kind of continuing education the members want in the future and try to identify ways that we can help the student chapters to be in the running for Western Division recognition at the May 2008 meeting in Portland, Oregon. Members from the AFS student sub-chapters who volunteer to help at the chapter meeting in Prescott will be able to have their lodging supported by the chapter.

Finally, I want to give special thanks for Anne Kretschmann for continuing to put together an excellent newsletter and to Jason Kline for his work leading the Environmental Committee.

See you in Prescott!

Native Trout Update: Apache Trout Stream Renovations and Potential Recovery Streams for Gila Trout

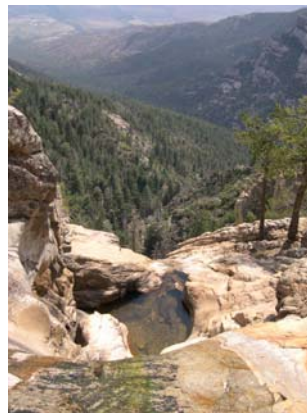
The native trout program in Arizona had a busy summer and is in the midst of an action-packed fall. The pace will continue due to the dedication of many people (and their extremely flexible families). Highlights in the world of Apache trout recovery include the chemical renovations of Stinky and Conklin creeks on the Apache-Sitgreaves National Forest. Biologists and volunteers from the Arizona Game and Fish Department, US Fish and Wildlife Service, US Forest Service, White Mountain Apache Tribe, and the Student Conservation Association participated in these successful renovations that resulted in two new streams that will support Apache trout recovery populations in the near future.



Apache trout hybrid from a Pinaleno Mountain stream

A partial renovation was completed on the South Fork Little Colorado River, and the final renovation

will be conducted next June, opening up another new recovery stream for the species. For Gila trout, we are in the midst of exploring many potential recovery streams to support this threatened species in the future. Some streams within the historical range were scoped out, including streams in the Pinaleno



Mountain range, KP Creek in the Blue River watershed, and Sycamore Creek, tributary to the Agua Fria River drainage. The proposed project to turn the West Fork of Oak Creek into a Gila trout recovery stream recently made significant progress.

Grant Creek natural barrier, Pinaleno Mountain range

The Federation of Fly Fishers was awarded an Arizona Game and Fish Department Wildlife Conservation Fund Grant for over \$40,000 to conduct the necessary NEPA compliance to move the project forward towards completion. Congratulations Federation!

~Julie Meka, AGFD, Native Trout Conservation Coordinator, Nongame Branch

CHAPTER NEWS!!!

OFFICER NOMINATIONS

We are accepting nominations for the 2008-2009 Chapter President, who will be elected at the upcoming business meeting at the Joint Annual Meeting in February. The person elected will take office in August 2008 and serve a three-year term, performing the duties of President-Elect in 2008-2009, President in 2009-2010, and Past-President in 2010-2011. Traditionally, we alternate between a President from New Mexico, followed by a President from Arizona, and so on. Following this pattern, the President-elect should be from New Mexico.

Please submit your nominations for Chapter President-Elect to Amy Unthank (aunthank@fs.fed.us) by December 15, 2007. We will provide the opportunity for mail-in ballots in early January 2008, and the official election will occur at the 2008 business meeting.

Currently, Pam Sponholtz (Arizona) is the Past-President, Amy Unthank (New Mexico) is the President, and Marianne Meding (Arizona) is the President-Elect. Matt Rinker is our Chapter Secretary/Treasurer.

Environmental Review Committee!

The chapter sent a letter to the Salt River Project regarding the development of a Habitat Conservation Plan and application for a FWS a permit to incidentally take sensitive and federally protected species that may result from the operation of Horseshoe and Bartlett Dams on the Verde River. If you would like to see the letter that the chapter sent, contact Jason Kline (jkline@azgfd.gov)

The Environmental Review Committee allows AFS members to comment and provide input on controversial projects and EAs via the AZ/NM chapter. If you have any issues that AFS may want to comment on please send them to Jason Kline at: jkline@azgfd.gov

AFS Student Updates!

Arizona State University

2007-2008 Officer Team of The Wildlife and Restoration Student Association:

President- Sara Gumeringer

Vice President Representative of AFS- Jamie Evans

Vice President Representative of TWS- Rhet Eikleberry

Vice President Representative of Society of Range Management- Wendy McCourt

Secretary/ Treasurer – Jehnifer Niklas

Hello Everyone, The Arizona State University AFS Student Sub- Chapter has had a very rewarding semester. With the approval of the addition to the AZ/NM Chapter we have increased awareness and membership among our students. With the grown interest from our students we have introduced a new fisheries biology class on our campus for the spring of 2007. We would also like to thank Marianne Meding of the AZGFD for joining us for our September meeting and presenting our members with an excellent presentation. We are always looking for experiences, gaining experience and helping out. Please contact me at Jamie.Evans@asu.edu if you have any questions or opportunities.

~ Jamie Evans, Vice President.

2008 JOINT ANNUAL MEETING NEWS!!!

**February 7-9, 2008
Prescott, Arizona**

**Abstract Submission by January 4, 2008
Early Registration by December 15, 2007
Conference Rate Hotel Reservations by
January 16, 2008**

**REGISTRATION AND ABSTRACT
SUBMISSION for 2008 JAM
NOW AVAILABLE!!!
www.fisheries.org/units/aznm/**

The 41st joint annual conference of the Arizona and the New Mexico Chapters of the Wildlife Society and the Arizona and New Mexico Chapter of the American Fisheries Society will be held February 7-9, 2008 at the Prescott Resort in Prescott, AZ. www.prescottresort.com. Rooms are \$60+ tax single occupancy with \$20 per night per extra person. Make sure you make your hotel reservations by January 16, 2008 and mention G750 for the conference rate.

Abstract and registration is online this year and can be accessed via the AZ/NM Chapter website at <http://www.fisheries.org/units/aznm/>. Abstracts for poster and paper presentations are due by January 4th. Everyone attending the conference must register via the online site, irrespective of payment method. Registration will serve these payment methods: credit cards (VISA, MasterCard), check and purchase orders. Register by December 15th to receive early conference registration rates (\$95 regular, student \$65, vendor \$75). We've added a special "Plenary only" registration for just \$10 for those just wanting to attend the Plenary Session on Friday, February 8th, 2008.

The theme of the meeting will be "Providing Water for Urban Growth: Challenges for Managing Terrestrial and Aquatic Species". Since both Arizona and New Mexico are dealing with this issue, and our

meeting location in the Verde Valley provides access to an excellent case study for the theme, we've structured a plenary session that will provide meeting participants with an overview of such challenges. Our speakers include:

- Dr. Abe Springer from Northern Arizona University who will discuss the relationship of springs and fish in Alberta and Wisconsin and provide information on groundwater models and their impact on water resources
- Chuck Paradzick an ecologist with Salt River Project who will discuss SRP's involvement in water rights and their efforts to protect and conserve water resources
- Carol Springer, Yavapai County Supervisor who will share her perspective on water management in the Upper Verde River
- Dan Campbell from the Nature Conservancy discussing the Verde River Partnership
- Michael Byrd, Executive Director of the Prescott Creeks organization to provide an example of a locally driven community based watershed group
- Michelle Harrington from the Center for Biological Diversity discussing the Center's role in watershed/Verde River management

Currently the AZ/NM chapter is hosting one Continuing Education Class this year. This year's class is titled "Hazard Analysis and Critical Control Points" and will teach class participants about how to prevent or remove invasive species from moving one place to the next. This type of planning identifies the risk of contamination while identifying the best way to prevent and remove invasive species on our boats and other sampling gear so that we minimize moving invasive species from one habitat to another. This class will be offered on February 7, 2008 from 8:30-4:30pm at the Prescott Resort. Costs will be \$20 for AFS members and \$40 for nonmembers. Registration for this class will be available through the meeting registration site.

Please feel free to contact Chuck Benedict (General Chair, cbenedict@azgfd.gov, 928-774-5045) or Pam Sponholtz (Registration Chair, pam_sponholtz@fws.gov, 928-226-1289 x113) for any questions.

PHOTO CONTEST

41st Joint Annual Meeting

RULES

- Open to all members (except professional photographers) of the Arizona/New Mexico Chapter of the American Fishery Society and the Arizona and New Mexico Chapters of the Wildlife Society.
- Prints ONLY, up to 11" x 14" in size.
- Prints may be matted and/or mounted on backerboard. NO frames.
- Categories: Wildlife, Fisheries, Scenic, Recreation, and Employees at Work.



AWARDS

- 1st and 2nd Place for Best in Show.
- 1st Place in each Category.
- Winners will be selected by popular vote of chapter members.
- Winners will be announced at the Social on Friday night.

ENTRY PROCEDURES

- Photos in the approved format may be submitted at the Registration Desk.
- Contestants must include their name, Chapter affiliation, and Category on the back of the print.
- Contestants may enter up to two photos per category.
- Contestants are urged to submit duplicate prints. Every effort will be made to safeguard your print; however, the organizers will not be liable for any damage to or loss of your photo.



ANNUAL MEETING RAFFLE

Prizes: Decked out Mountain Bike, Touring Kayak, Fishing/ Hunting Trips, and more!

Tickets: \$5 each or 5 for \$20

Drawing: during Friday evening social

HACCP PLANNING FOR NATURAL RESOURCE PATHWAYS

Date: February 7, 2008, 8:30am - 4:30pm

Location: Prescott Resort, AZ

Tuition: \$20 AFS members, \$40 nonmembers

Course Description:

Hazard Analysis and Critical Control Point (HACCP) planning is a management tool that provides a structured method to identify risks and focus procedures in natural resource pathway activities. Understanding pathways and developing plans to reduce non-target species and prevent biological contamination is necessary to avoid unintended spread of species. Using practical examples, a case study, and hands-on exercises, participants will learn principles of pathway management planning as a tool to reduce the spread of non-target species. The primary intent of this course is to prepare participants to develop and implement a HACCP plan.

Objectives: At the end of the training, each participant will be able to:

- * Describe natural resource pathways and risks
- * Explain the value and importance of pathway management planning
- * Summarize principles of HACCP planning as a pathway management tool
- * Recognize differences and relationships between non-target species, aquatic nuisance species, invasive species, native and non-native species
- * Compare control points and critical control points
- * Develop pathway management plans through a team effort
- * Evaluate pathway plans for completeness and accuracy

Who should attend: Biologists, technicians, researchers, managers, and supervisors.

For more information contact:

Yvette Paroz, NM Dept. of Game & Fish; PO Box 25112; Santa Fe, NM 87504; phone: 505-476-8104
yvette.paroz@state.nm.us

Logistics:

This course will be presented by Stewart Jacks (USFWS) and Roger Sorenson (AGFD).

ANNUAL MEETING AWARDS!!!

Call for Award Nominations

It's that time of year again where we have the opportunity to award our peers and those outside our profession for their outstanding work related to fisheries and the aquatic resources. We give the following two awards at the Joint Annual Meeting in February; please submit your nominations for these two awards to Pam Sponholtz at pam_sponholtz@fws.gov by **January 10, 2008**.

Professional of the Year Award

The Professional of the Year Award is awarded to an individual employed in a capacity related to fisheries and aquatic resources. Nominations for individuals should include a brief biography along with information pertaining to service, impact on the resource and other professionals, and significant accomplishments.

1. Only members in good standing can make nominations.
2. The recipient must be a member in good standing.
3. The award is based on fisheries-related work accomplished in Arizona or New Mexico and can span more than one year.
4. The nominee may not be on the Nominations/Awards Committee.
5. Eligible accomplishments by the nominee can be from any of the following categories:

Administration

- a. Development of innovative management programs, research activities, or facilities that significantly affect fisheries management and conservation on a regional or statewide level
- b. Leadership in implementation of regulations or management programs that address regional or statewide fisheries issues
- c. Development of new sources of funding for fisheries programs
- d. Leadership in the development of public outreach or recognition/award programs

- e. Significant and effective promotion of fisheries management and conservation activities on a regional or statewide level

Culture

- a. Development of techniques that produce fish more safely, more efficiently, or more economically
- b. Development of methods that produce species not formerly cultured
- c. Development of techniques that produce more fish
- d. Participation in the development of equipment that benefited fish culture
- e. Promotion of fish culture
- f. Participation in the production of a record number of fish (may be station or species specific)

Education

- a. Development of an innovative approach to fisheries education as illustrated through development of a new or revised course or curriculum
- b. Publication of a journal article, extension, publication, book, or book chapter that contributed significantly to fisheries education
- c. Contribution of notable service in public education programs
- d. Development of educational media (software, videotape, slide tape, etc.) that contributed significantly to fisheries education.
- e. Outstanding contribution to the profession through service as an officer or other leader of an educational organization (e.g., Education Section of the AFS)

Management

- a. Development of management plans or strategies or implementation of management practices (reservoir or pond management plans, pre-impoundment work, habitat work, development of urban fisheries). This would include private water work
- b. Education of the public in areas of fishing or fisheries management (conducting fishing clinics, educational programs, contact with various media, development of brochures, newsletters, bulletin boards, fliers, popular articles, etc.)
- c. Coordination with different agencies (cities, counties, or federal government) or reservoir controlling authorities to develop or implement management strategies

- d. Participation in professional scientific organizations in the fisheries field to include offices held, committees served on, or other activities accomplished for the organization.

Research

- a. Research contribution should add to the understanding of a biological problem or to solving a resource problem.
- b. Research contribution can be basic, applied, or a combination.
- c. Research contribution should have been disseminated, in order of importance, in a peer-reviewed journal, non-peer-reviewed publication, or an oral presentation.
- d. Research in professional and public organizations in the fisheries field, which comment, advise, or review research activities.
- e. In order of importance, the nominee's role in a research project should be directing the project or program, establishing the project or program, analyzing data, or conceiving the project or program.

Technical Support

- a. Development of new or improved design and/or construction of equipment used in field sampling, culture operations, lab analysis, etc.
- b. Participation in outstanding or unique management, research, or culture activities, which contributed significantly to the fisheries profession.
- c. Participation in programs to educate other fisheries workers or the public (fishing clinics, seminars, articles, brochures, etc)
- d. Accomplishments resulting in new or improved techniques or greater efficiency (data compilation and analysis, improved lab techniques, more productive fish culture techniques, improved fish sampling techniques, etc.).

Conservationist of the Year Award

The Conservationist of the Year Award is for significant involvement and accomplishments by an individual or group not employed in the fisheries or aquatic resources profession. Nominations should include a brief biography and discussion of the significant involvement and contributions towards conservation of fisheries and/or aquatic resources. The only criteria for this award is that the award is

based on fisheries and/or aquatic resource-related work accomplished in Arizona or New Mexico and can span more than one year.

Miles McInnis Memorial Undergraduate Student Award 2007-2008 Application Procedures

Aquatic Consultants Inc. and the Arizona-New Mexico Chapter of the American Fisheries Society are pleased to announce that applications for two \$1,000 undergraduate student scholarship awards are now being solicited. This award program provides an opportunity for two undergraduate students in the general area of fisheries science. An award committee of fisheries scientists will make the decision regarding the awards. The money will be awarded for the fall and spring semesters, 2008-2009. Recipient(s) will be honored and receive the award at the annual chapter meeting awards banquet in Prescott, Arizona, February 2008.

Application Criteria and Process

1. Applicants must be a member of the Arizona-New Mexico Chapter of the American Fisheries Society at time of application.
2. Applicants must have completed 45 hours of study at a university in Arizona or New Mexico.
3. Applicants must have a major field of study that is related to fisheries or aquatic science.
4. Applicants must submit an application package containing the following:
 - A letter to the award committee that includes: A statement of the applicants career goals and reasons for applying for the award (<200 words);
 - A description of the student's degree program and the anticipated date of completion;
 - A description of the student's involvement in the Arizona-New Mexico Chapter of the American Fisheries Society;
 - The names, addresses and phone numbers of two faculty members

familiar with the student's background and abilities.

- Copies of undergraduate transcripts.

Please submit the application package before January 20, 2008 to:

Scott Bryan
Aquatic Consultants, Inc.
4415 Hawkins St., NE Suite D
Albuquerque, NM 87109

Upcoming Meetings!

Feb 24-28—Advances in Tagging and Marking Technologies in Fisheries Management and Research, Auckland, New Zealand. See www.fisheries.org/units/tag2008

AFS Feb 28-Mar 2—Southern Division of the AFS and WV Chapter of AFS, Wheeling, WV. See AFS www.sdafs.org/meetings

Jul 7-11—11th International Coral Reef Symposium, Fort Lauderdale, FL. Contact Nancy Copen, ncopen@faseb.org, 301/634-7010. See www.nova.edu/ncri/11/1licrs.

Jul 14-18—HydroVision 2008, Sacramento, California. See techpapers@hcipub.com. Contact: www.hcipub.com/hydrovision/abstracts.asp.

Jul 25-27—Seventh International Conference on Recirculating Aquaculture, Roanoke, VA. See www.cpe.vt.edu/aquaculture/. Contact Terry Rakestraw, aqua@vt.edu/aquaculture/, 540/231-6805.

AFS Aug 17-21—American Fisheries Society 138th Annual Meeting, Ottawa, Ontario.

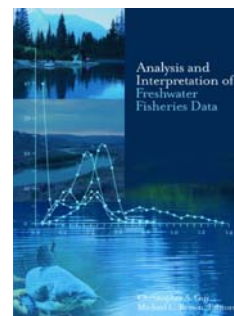
Sep 28-Oct 2—Pathways to Success 2008 Conference: Integrating Human Dimensions into Fisheries and Wildlife, Estes Park, CO. See www.warnercnr.colostate.edu/nrt/hdfw/partners.html. Contact eduke@warnercnr.colostate.edu.

Oct 20-24—Fifth World Fisheries Congress 2008, Pacifico Yokohama, Japan. Contact wfc2008@ics-inc.co.jp. See www.5thwfc2008.com.

New Books!

Analysis and Interpretation of Freshwater Fisheries Data

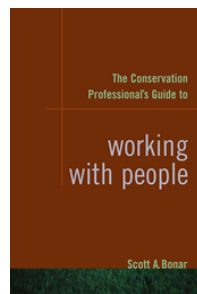
Christopher S. Guy and Michael L. Brown, editors; Publication date: September 2007; 961 pages, hardcover, index, companion CD (box example programs and data); Price: \$98.



This long-awaited text is an excellent companion to AFS's Fisheries Techniques because it provides a frame of reference for appropriate sample design, analysis, and interpretation of freshwater fisheries data. The chapters are organized by fish and fisheries data types, including recruitment, mortality, biotelemetry, habitat, and predator-prey interactions, within major topic areas, such as population dynamics, fish biology, and community assessment. Chapters contain subsections describing the data type(s), indices, appropriate and alternative statistical approaches, applications, summary, and references. Statistical tests are nestled within chapters to allow the reader to connect analyses to data types. Box examples allow the reader to easily follow the analysis method. The companion CD contains example data sets and programs so the reader can run the analyses, as outlined in the box examples. The book is appropriate for advanced undergraduate and graduate students and is a practical resource for fisheries professionals.

The Conservation Professional's Guide to Working with People

Scott A. Bonar; Island Press, Publication date: June 2007; 224 pages; Paperback: \$25, Hardcover: \$50.



Written in an entertaining, easy-to-read style, this book fills a gap in conservation education by offering a practical, how-to guide for working effectively with colleagues, funders, supervisors, and the public. The book explores how natural resource professionals can develop skills and increase their effectiveness using strategies and

techniques grounded in social psychology, negotiation, influence, conflict resolution, time management, and a wide range of other fields. Examples from history and current events, as well as real-life scenarios that resource professionals are likely to face, provide context and demonstrate how to apply the skills described. Successful natural resource management is much more than good science; it requires working with landowners, meeting deadlines, securing funding, supervising staff, and cooperating with politicians. Yet skills for managing human interactions are rarely taught in academic science programs, leaving many conservation professionals woefully unprepared for the daily realities of their jobs. Written in an entertaining, easy-to-read style, this book fills a gap in conservation education by offering a practical, how-to guide for working effectively with colleagues, funding sources, supervisors, and the public. This book should be on the bookshelf of any environmental professional who wants to be more effective while at the same time reducing job-related stress and improving overall quality of life. Those who are already good at working with people will learn new tips, while those who are petrified by the thought of conducting public meetings, requesting funding, or working with constituents will find helpful, commonsense advice about how to get started and gain confidence.

**ARIZONA GAME AND FISH
DEPARTMENT
JOB ANNOUNCEMENT**

**NONGAME BRANCH PHOENIX BASED
WILDLIFE SPECIALIST I REVISED**

\$31,404- 49,561

Closing Date: 12/07/2007

Description of Duties: Assists biologists in the Nongame native fish, invertebrates, and amphibians programs to implement projects related to inventory, monitoring, management, recovery, and conservation of nongame species within these programs.

To Apply: Click AZSTATEJOBS.GOV; keyword AGF

**ARIZONA DEPARTMENT OF WATER
RESOURCES JOB ANNOUNCEMENT**

WATER RESOURCES SPECIALIST III

\$42,076- 62,692

The primary purposes of this position will be to assist with the development of a riparian protection and management program on a watershed scale and act as a project manager within the Arizona Water Protection Fund (AWPF) program. Under the direction of the Executive Director, this position will coordinate with other Department staff, local community watershed groups and other appropriate groups/entities to develop methodologies for evaluating and prioritizing riparian protection and management measures. This position will further provide assistance with the development of riparian protection and management plans on a watershed scale that includes local community interest and goals. In addition, this position will provide periodic reports to the Executive Director and Commission regarding the status of priority riparian areas identified in any watershed scale riparian protection and management plans that are developed. Under the direction of the Executive Director, this position also will act as Project Manager for grants awarded by the Commission. This position will negotiate and provide administrative oversight of grant contracts and will act as a technical expert in the review of grant applications and deliverables. This position will conduct public workshops to assist potential applicants with understanding program goals, objectives and requirements. In addition, this position will conduct periodic inspections at project sites to assess work progress, compliance with operation and maintenance responsibilities, and to close a grant contract.

For additional information about this job and to apply visit the State Jobs website: www.azstatejobs.gov Click on "Search for Jobs" then enter ADWR in the keyword search box. The above job is listed as "WATER RESRCES SPCT III – Water Protection Fund. For information about the Arizona Department of Water Resources please visit our website: www.azwater.gov

Notes From the Editor...

We would also like to thank members who contributed to this newsletter. We strongly encourage every member to contribute to the newsletter. We appreciate all articles, photos and input! This is a great opportunity to let the rest of the chapter know about the work that you are doing.

The theme of the summer newsletter is **Hatchery Research and Management**. The deadline for submissions is **March 1**. **Articles** should be approximately 250 words long. We would love to see any **photos** of fish, or of you working! Also, this is a great place to post **job and volunteer listings** and other **announcements**.

~Your editors

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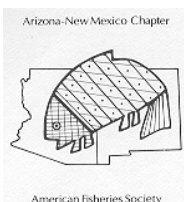
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Webpage

If you have any comments about the webpage or have items you would like to see on the webpage, please contact:

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Visit our webpage at:
<http://www.fisheries.org/aznm>



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