

AMERICAN FISHERIES SOCIETY
CALIFORNIA-NEVADA CHAPTER

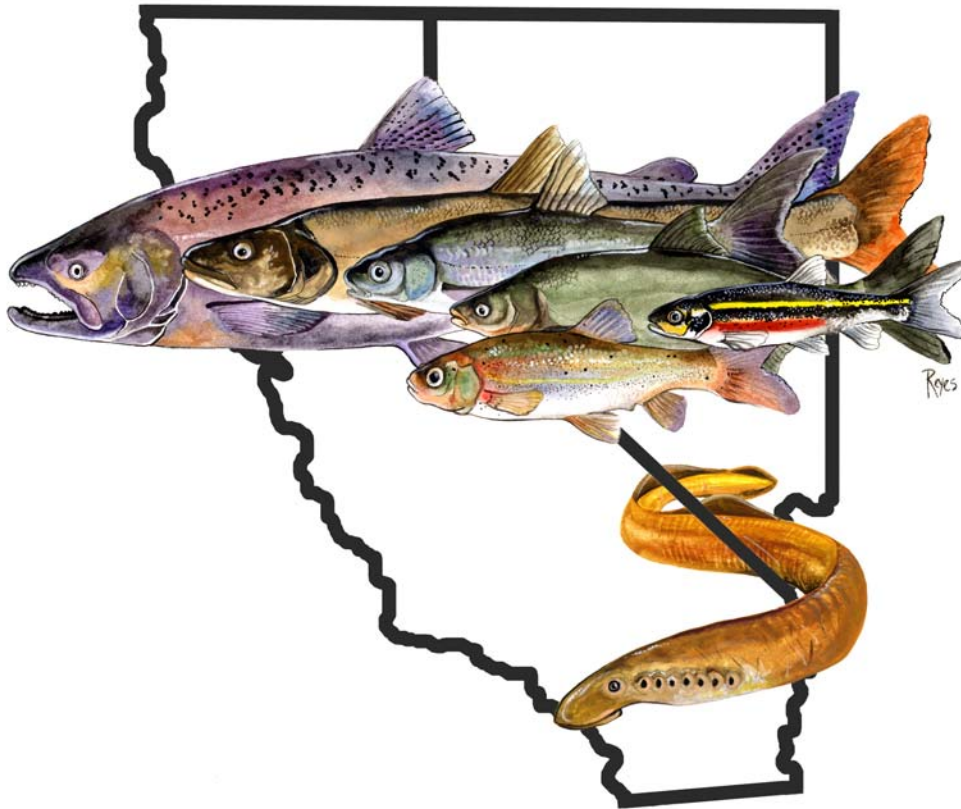
Symposium and 39th Annual Meeting

“Conserving California-Nevada Fisheries into the Future”

March 17, 18, 19, 2005

Holiday Inn Capital Plaza, 300 “J” St., Sacramento, CA 95814

(916) 446-0100 or fax (916) 446-0117



Plenary speakers: Ryan Brodrick, DFG Director, and Russell Sadler, Political Commentator

Symposium I: Fish Screens and Beyond: Protection in the Fish Passage Corridor

*Symposium II: Controlling Risks of Spreading Non-native Invasive Species: HACCP
Planning for Natural Resource Pathways*

Symposium III: Biology, Management and Conservation of West Coast Lampreys

Symposium IV: Green Sturgeon and the Environment

Technical Sessions, Continuing Education, Socials, and more

AMERICAN FISHERIES SOCIETY
CALIFORNIA-NEVADA CHAPTER

Symposium and 39th Annual Meeting

“Conserving California-Nevada Fisheries into the Future”

March 17, 18, 19, 2005

Holiday Inn Capital Plaza, 300 “J” St., Sacramento, CA 95814

(916) 446-0100 or fax (916) 446-0117



Thursday, March 17

Symposium I: Fish Screens and Beyond: Protection in the Fish Passage Corridor

Protecting California's fishes from hazards posed by dams and diversions requires integration of fish biology and engineering. This daylong symposium will discuss advances in fish passage improvement, fish screen design and operation, and fish salvage and transport techniques. We will evaluate our progress and look forward to the challenges that remain ahead.

Symposium II: Controlling Risks of Spreading Non-native Invasive Species: HACCP Planning for Natural Resource Pathways (no charge)

Natural resource work can provide pathways for non-target, non-native plants and animals to hitchhike to new habitats. HACCP (Hazard Analysis and Critical Control Point) planning has been modified from the food industry for natural resource work. HACCP's strategic planning focuses attention and preventative actions at critical control points in the pathway to prevent the unintentional spread of non-native invasive species. HACCP documents: who, what, why, where, when, and how, and presents the information in a logical framework for easy review.

Symposium III: Biology, Management and Conservation of West Coast Lampreys

Lampreys are an important, but poorly understood, segment of the west coast ichthyofauna. This symposium will present information on the biology, management and population status of lamprey throughout California, in addition to work currently being conducted on lamprey passage and physiology in the Columbia River Basin. The half day Symposium will be followed by a roundtable discussion on the status and management needs of lamprey in California.

Saturday, March 19

Symposium IV: Green Sturgeon and the Environment

Until recently, our knowledge of green sturgeon has been surprisingly limited, despite the historical extent to which this species has been impacted by environmental changes, fishing pressures, and loss of spawning habitat. Recent advances in basic and applied fisheries science have considerably augmented the information available on green sturgeon. In particular, our knowledge of this species' early life history, environmental physiology, movement, and population spatial structure has greatly increased. At present, scientists and fisheries managers need to work together to incorporate this new knowledge, identify gaps in our understanding, and design and implement management plans for green sturgeon that include population abundance, productivity, spatial structure, and consideration of life history diversity. This symposium will provide an overview of the science and management on green sturgeon and relate how they are shaping policies on conservation. Papers, based on presentations in this symposium, will be collected for publication in *Environmental Biology of Fishes*, as the definitive peer-reviewed volume to date of green sturgeon science and management.

Thursday eve: Welcoming Social at the JQ Ballroom in the Holiday Inn.

The Annual Meeting begins on the 16th floor with a view of the banks of the Sacramento River and our state's capital. Join the future leaders of put-fish back in federal government movement (its already in state government) to enjoy refreshments and live music (and other local talents).

Friday, March 18 (all day) and Saturday, March 19 (all day): Annual Meeting

Plenary Session

The Annual meeting will convene with the thought provoking comments of our plenary speakers: DFG Director Ryan Broddrick and Political Commentator Russell Sadler (frequent commentator on National Public Radio).

Concurrent Technical Sessions

Enhance and share your understanding of California and Nevada fishes at sessions on restoration ecology, invasive species, long term monitoring, applied experimental fish biology, and more. Sessions include:

The Role of Long-term Monitoring in Managing Central Valley Salmonids; What Have we Learned and How Will it Translate to Stock Recovery and Adaptive Management?"

A Meeting of Minds: Bringing Together Managers and Geneticists for Conservation Planning

Thinking Outside of the Stream: Integrative Approaches to Reduce the Impacts of Invasive Species on Fish in California

On-going Impacts: Invasive Species that Threaten Fish in California

Emerging Concepts Regarding Central Valley Steelhead

Exploring the Role of Environmental Water in Species Protection and Restoration

Marine Fisheries Research: Conservation and Management

The Use of Otolith Microanalysis to Elucidate Life History Characteristics of Fish

Career Fair

Meet with representatives of state and federal resource agencies, consulting and engineering firms, and universities to discuss your future in fisheries in the Northwest Lobby prior to the banquet.

Continuing Education Class: Introduction to Proposal Writing

Friday 10:30am-5:30pm

This course provides an overview of planning, grant research and application processes. Topics include: project planning, public and private grant sources, outcomes, networking and relationship building, proposal writing, and budget development.

Banquet

Eat, drink, raise a toast to your colleagues at the Annual Banquet, collect your raffle winnings, and enjoy the entertainment. Please join us and our guest speaker, Carlyle Holmes, Director of the River Teachers Program of the South Yuba River Citizens League, for fine food, a chance to applaud the contributions of our colleagues, and an adventurous "Journey of the Salmon".

Lodging

Reserve your room at the Holiday Inn (Capital Plaza) by calling (916)446-0100.

AFS conference rates are \$84 (single) or \$104 (double). **Conference rates available until February 18.**

For more information, please visit our website www.afs-calneva.org



www.fisheries.org

**AMERICAN FISHERIES SOCIETY
CALIFORNIA-NEVADA CHAPTER
SYMPOSIUM AND 39TH ANNUAL MEETING**

“Conserving California-Nevada Fisheries into the Future”

March 17, 18, 19, 2005: Holiday Inn, 300 “J” St., Sacramento, California 95814

Name (as you want your name badge to read): _____

Affiliation: _____

Address: _____ City: _____

State: _____ Zip: _____ Phone: _____ email: _____

Please Check the Appropriate Boxes:

<input type="checkbox"/>	I am presenting a (circle) paper / poster / Session Chair
<input type="checkbox"/>	I am a student presenter and would like to be included in the student paper / poster competition
<input type="checkbox"/>	I am a student interested in volunteering to defray my registration costs. Contact Don Portz deportz@ucdavis.edu before February 17, 2005

All symposium presenters must register for the symposium; all technical session presenters must register for the meeting.

	Symposium: March 17		Annual Meeting: March 18-19	
	Postmarked by February 17:	Late and On-site registration	Postmarked by February 17:	Late and On-site registration
AFS Member	70	110	160	210
Non-member	90	130	185	235
Student	30	70	50	100
Retired	50	90	110	160

Symposium subtotal (No charge for Non-native species Symposium) \$ _____

Circle preference: **Bioengineering**, **Non-native species** or **Lamprey** (circle one) [March 17]

Annual Meeting subtotal (includes Welcoming Social and Banquet): \$ _____

Sturgeon International Symposium (March 19) (circle if you plan to attend)

Preference for banquet entrée Meat, Fish or Vegetarian (circle one)

Extra Banquet ticket (\$35); Extra Social Ticket (\$35) (circle) \$ _____

AFS Business Meeting Saturday, March 19 includes lunch (no charge): Do you plan to attend? ___ yes ___ no

Fun Run T-shirt ___Small ___Med ___Large ___XL ___XXL (\$10) \$ _____

Total Amount Enclosed \$ _____

Please make check payable to **CAL-NEVA AFS**

Mail completed form and registration fees to Shawn Chase, AFS Treasurer, PO Box 11628, Santa Rosa, CA 95406. I you have any registration questions, please contact Shawn Chase at (707) 547-1986, shawnc@scwa.ca.gov. Refund Policy: 80% refund if notified by February 17. After February 17, refunds will be given for hardship cases only at the discretion of the Executive Committee.

Credit card information*:

Name (as it appears on the card): _____

Credit card type (VISA/MC): _____ Credit card number: _____

Expiration Date: _____ Amount: _____ Signature: _____

***Please note, credit card companies charge a fee for processing your transaction. If possible, please pay by check so that all of your registration fees go towards supporting your professional society.**