

American Fisheries Society Cal-Neva Chapter Annual Meeting – Program  
**Fisheries Success Stories**  
 March 15 – 17, 2020  
 Folsom, CA

MONDAY, MARCH 16, 2020		
Session Name	Fisheries Success Stories	
Moderator	Mark Gard	
Room Name	Sierra I	
8:00	Welcome, Announcements	
8:10	Monitoring Temporal and Spatial Variation in the Near Shore Spawning Activity of Marine Fishes Along the California Coast via the Molecular Identification of Fish Eggs	Emma Choi
8:30	The Integrated Culture of Rock Weed ( <i>Mastocarpus jardinii</i> ) in a Recirculating Land-Based System with Red Abalone ( <i>Haliotis rufescens</i> )	Taylor Zenobia
8:50	Survey like a BOSS: Use of a Stereo Video Lander to Survey Rocky Habitats in California	Kathleen Cieri
9:10	Nutritional Stress and Hormone Regulation of Growth in Fish: Fasting Modulates GH Stimulation of Liver IGF-1 in a Pacific Rockfish	Theresa Bersin
9:30	Mysids and Zooplankton in Lake Tahoe: How a Species Introduced to Supplement Salmonids Affects an Ecosystem	Zachary Bess
<b>BREAK</b>		
Session Name	Fisheries Success Stories Plenary Session	
Moderators	Rob Titus and Dave Lentz	
Room Name	Sierra I	
10:10	Meeting Presidents' Messages	Rob Titus, Todd Pearsons, Dave Lentz
10:30	Fisheries Research Success	Nann Fanguie
11:00	Paiute Cutthroat Trout Success	Bill Somer
11:30	Pyramid Lake Success	Doug Ouelette
12:00-1:15	Student/Mentor Lunch in Sierra II, or Lunch on your own	

<b>MONDAY, MARCH 16, 2020 (continued)</b>	
Session Name	<b>Fisheries Success Stories</b>
Moderator	<b>Lisa Thompson</b>
Room Name	<b>Sierra I</b>
1:15	Anatomy of a Flow Study: Assessing Juvenile Rearing Habitat in the South Fork Eel Watershed During the Summer Low Flow Period <b>Michael Maher</b>
1:35	Development of Habitat Suitability Criteria for Juvenile Salmonids in the South Fork Eel River Watershed <b>Nikki Gephart</b>
1:55	Mitigating Fish Losses Using No Net Impact: A Hydropower Example <b>Todd Pearsons</b>
2:15	Fish Species, Abundance, and Size Distributions in the Highly Modified Mildred Island Complex: Year 1 Delta Deployment of the Sampling Platform <b>Joseph Merz</b>
2:35	Why It Did Work: First Operational Year of the Fremont Weir Adult Fish Passage Structure <b>Lauren Miele</b>
<b>BREAK</b>	
Session Name	<b>Fisheries Success Stories</b>
Moderator	<b>Rob Titus</b>
Room Name	<b>Sierra I</b>
3:10	Long-term Successes in Fisheries Management: Species Recovery, Dam Evolution, and Hatchery Reform <b>Todd Pearsons</b>
3:30	Climbing the Ladder: Functional Success of a Low Streamflow Fish Ladder on the Upper Shasta River by Native Rainbow Trout <b>Andrea Hamilton</b>
3:50	Beale Dam Removal <b>Mark Gard</b>
4:10	Relationships of Normalized Biomass Spectra of State and Federal Fish Salvage Data to Export and Outflow <b>W. Kyle Griffiths</b>
4:30	TBD <b>Shivonne Nesbit</b>
5:00- 10:00	<b>Poster Reception in The Pavilion (5:00 – 6:50 pm) Banquet in the Sutter Room including Awards, Fish T-shirt Contest, and Raffle (7:00 – 10:00 pm)</b>

TUESDAY, MARCH 17, 2020			
	Predation as Function of Habitat	Bringing Back Sport Fishery Management to Cal-Neva Chapter: A New Decade, A New Spotlight	The River in the Middle That Could: Management, Success, and Innovation in the Mokelumne River Watershed
Moderator(s)	J D Wikert	Rob Titus	Jose Setka
Room Name	Folsom	Natoma	Placer
8:15	Announcements	Announcements	Announcements
8:20	Role of Habitat Type and Depth on Juvenile Salmon Predation  Avery Scherer	Why is <i>Fishing</i> Largely Absent from Proceedings of the Cal-Neva Chapter of the American Fisheries Society?  Rob Titus	A History of Innovation and Data Driven Management Decisions Lead to Improved Outcomes for Anadromous Stocks on the Lower Mokelumne River and at the Mokelumne River Fish Hatchery  Michelle Workman
8:40	Risky Business? Survival of Chinook Salmon Migrating on the Yolo Bypass During a Flood  Brett Harvey	The New Face of Inland Sport Fishery Management in California: A Brief Overview  Kevin Thomas	Insights in Mokelumne River Hatchery Steelhead ( <i>Oncorhynchus mykiss</i> ) Program Structure from Pedigree Reconstruction  Laura Goetz
9:00	Every Fish That Dies Gets Eaten  J D Wikert	Stalwart of the South: Is the Sacramento River Chinook Salmon Sport Fishery a "Fisheries Success Story?"  Shawn Simkins	Only Electricity Should be Static: Implementation and Evolution of a Settlement Agreement in the Mokelumne River.  Jose Setka
9:20	Managing a Predation Hotspot in the Sacramento-San Joaquin Delta: A Case Study at Clifton Court Forebay  Jessica Nichols	On a Path to SHARE'd Success for Sport Fishing Opportunities on Private Lands  Flower Moye	Supporting Informed Decisions on Salmonid Reintroduction above Large Rim Dams: an Example of Hierarchical Habitat Suitability Evaluation from the Upper Mokelumne River Watershed  Rocko Brown
9:40	Catch-22 for Salmon: A Case for Hierarchical Habitat Alteration Changing the Vulnerability of Juvenile Chinook to Multiple Predators  Matt Nobriga	Development of Eco-tourism in Himalayas and Karakoram Through Sustainable Trout Recreational Fisheries in Gilgit-Baltistan, Pakistan  Muhammad Naeem Khan	Building In-Stream Salmon Habitat: A Path to Implementation  Lilly Allen
<b>BREAK</b>			
Session Name	Fisheries Success Stories		
Moderator	Steve Brumbaugh		
Room Name	Sierra I		
10:20	Why We Should Be Concerned About Pikeminnows		Stewart Reid
10:40	Klamath Carcass Simulation		Taylor Daley
11:00	Jumpstarting Recovery of the Threatened Santa Ana Sucker, Step 1: Translocation Plan		Craig Seltenrich
11:20	Adaptive Management: Factors Driving Returns of Hatchery Spring-run Chinook Salmon Released in the Lower Feather River in 2015-2017		Jada-Simone White
11:40	A Paired Watershed Comparison of Hydrological and Biological Condition in Streams with and Without Cannabis Cultivation, Humboldt Co., CA		Erin Ferguson
12:00-1:30	Cal-Neva Chapter Business Meeting in Sierra II, or Lunch on your own		

<b>TUESDAY, MARCH 17, 2020 (continued)</b>	
Session Name	<b>Biology and Conservation of California and Nevada's Native Fishes</b>
Moderator	<b>Larry Brown</b>
Room Name	<b>Sierra I</b>
1:30	Trends in Native Fish Populations in the Santa Ana River  <b>Larry Brown</b>
1:50	An Exploration of Native Fish Assemblages in Adjacent Wetland Habitats  <b>Caroline Newell</b>
2:10	Role of Boat Electrofishing in the Long-term Monitoring of the Sacramento-San Joaquin Delta's Native Fish Species  <b>Brian Mahardja</b>
2:30	Where is the Kern Brook Lamprey Actually Found and What About Gold Mines?  <b>Stewart Reid</b>
2:50	Pacific Lamprey in their Southern Range: Adaptive Responses in Uncertain Flow Regimes  <b>Damon Goodman</b>
	<b>BREAK</b>
Session Name	<b>Feature Film: "The Wild"</b>
Moderator	<b>Rob Titus</b>
Room Name	<b>Sierra I</b>
3:30	A remarkable film and critical cause concerning Bristol Bay and the proposed Pebble Mine project in Alaska
4:40	<b>Panel Discussion</b> Including film facilitator Michael Doughton and others
5:30	<b>Adjourn</b>