

Notes from the Editor

Volume 100 of *California Fish and Game* is now complete. This special issue, with an emphasis on freshwater fisheries, includes a number of important contributions to our understanding of the ecology, management, or control of freshwater organisms. Among those discussed in this issue are endangered taxa, invasive species, and species native to California. This issue has been long in preparation, but the contents will be of substantial value to managers of freshwater fisheries and researchers working in the field of aquatic ecology.

It is essential that I extend my gratitude to Stafford Lehr, Kevin Shaffer, Roger Bloom, and Rob Titus, all of whom played substantial roles in arranging for reviewers, working directly with the corresponding authors, revising manuscripts, and providing me with near-final versions of each of the manuscripts. It also is appropriate to acknowledge the corresponding authors, all of whom met necessarily short deadlines associated with manuscript revisions and, especially, with respect to reading and returning page proofs. The level of professionalism reflected in those rapid responses is truly appreciated.

Director Chuck Bonham and retired fisheries biologist Phil Pister open this issue with a partial account of the evolution of fisheries management activities within the Department of Fish and Wildlife, a subject that is expanded upon in the last paper contained in this issue. Fran Pavley, Chair of the Senate Natural Resources and Water Committee also provides meaningful introductory comments.

Following the introductory material, Robert Holmes and his co-authors address spawning habitat selection by steelhead trout, Krystal Acierto and her co-authors describe a method and use it to estimate entrainment of Chinook salmon on to the Yolo Bypass, Gena Lasko et al. analyze in great detail the straying of hatchery-bred Chinook salmon into the American River, Sean Gallagher and co-authors present an analysis of the relationship between stream characteristics and salmonid abundance, Farhat Bajjaliya et al. examine morphometric differences in steelhead trout, and Dave Lentz and Mark Clifford collaborate on a history of California's inland trout management program, with an emphasis on legislation and litigation. Additionally, Quinn Granfors provides detailed information on an invasive catfish that has become locally established, along with suggestions for addressing the management of that non-native predator. Finally, Mark Clifford and his colleagues provide the results of detailed research on mechanisms involved in the early mortality of juvenile Chinook salmon exposed concurrently to Infectious Hematopoietic Necrosis Virus (IHNV) and esfenvalerate. Two book reviews also are included.

When researching material to consider as the frontispiece for this issue, I encountered numerous early papers written by well-known and influential individuals that addressed conservation and management needs. Nearly 100 years ago, conservation was at the forefront of the then Division of Fish and Game's mission, as it remains today. After selecting the image for the frontispiece, I spent a substantial amount of time reading numerous early contributions to professional journals. From those papers, I noted especially the views of four individuals, all of whom likely had a meaningful influence on the management and conservation of the freshwater and anadromous fisheries resources of the Golden State, and each of whom I quote below.

...during recent years, a public sentiment has developed which recognizes the value of the State's wildlife resources and demands that they be conserved for the benefit of those who are here to enjoy them now and for those who will come after us.

Ernest Schaeffle¹
California Fish and Game Commission

No nation can grow populous and great and long survive which, through lack of vision, continues to destroy those very resources which have made it great.

B. W. Evermann²
California Academy of Sciences

The time is here when the natural resources of our state should be conserved, for the attention of the world is upon California, both in business and a pleasure way.

F. M. Newbert³
California Fish and Game Commission

It is well known that the salmon fisheries of these [Sacramento and San Joaquin] rivers, as well as of the entire state, are greatly depleted.

G. H. Clark⁴
California Division of Fish and Game

It is not commonplace for this journal to include footnotes. Nevertheless, I have chosen to do so here because some of the readership may be interested in pursuing additional information regarding the history of wildlife and fisheries conservation in California. As this volume of *California Fish and Game* closes out its centennial year, the journal will begin its second century of publication. I trust that *California Fish and Game* will remain the valuable resource it has become, and that the papers published herein will continue to contribute in meaningful ways to the understanding, management, and conservation of California's fish and wildlife resources, all of which remain as important today as they were a century ago, but that also face challenges likely unimagined at the time the journal was founded.

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¹Schaeffle, E. 1915. Fish and game: one of California's great resources. *California's Magazine* 1:159-176.

²Evermann, B. W. 1922. The conservation and proper utilization of our natural resources. *The Scientific Monthly* 15:289-312.

³Newbert, F. M. 1924. President Newbert's statement. *California Fish and Game* 10:121.

⁴Clark, G. H. 1929. Sacramento-San Joaquin salmon (*Oncorhynchus tshawytscha*) fishery of California. *Fish Bulletin* 17:1-75.