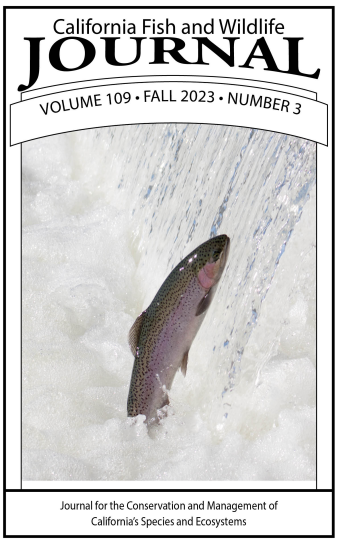
Cover and Front Matter

November 21, 2023



JOURNAL EDITORIAL STAFF

Editor-in-Chief

Ange Darnell Baker

Design and Layout Editors

Gabe Quillman, Andrew Willkens, Lea Koerber, Shelby Thomas, Alison Nevins, Diane Haas, Jennifer Gaffey, Maggie McCann, Madison Boynton, Rose Dodgen, Shelby Thompson, and Lanette Richardson

Associate Editors

Wildlife Branch: Laura Patterson, Dan Skalos, Matt Toenies, Katherine Miller, Karen Converse, Katrina Smith, Matt Meshiry, Tom Batter, Anne Hilborn, Shannon Skalos, and Kimiora Ward
Fisheries Branch: Jeff Rodzen, John Kelly, Felipe La Luz, and Gabriel Singer
Habitat Conservation Planning Branch: Cherilyn Burton, Lauren Miele, Kate Morozova, Margaret Mantor
Watershed Restoration Grants Branch: Jennifer Olson
Water Branch: Ken Kundargi and Erica Myers
Conservation Engineering Branch: Mark Gard
Inland Deserts Region: Jeff Villepique and Steve Parmenter (retired)
Marine Region: Kristen Elsmore and Morgan Ivers-Duran
Northern Region: Ken Lindke and Joshua Gruver (junior editor)
Bay Delta Region: Peter McHugh
Aquaculture Program: Randy Lovell

Cannabis Program: Jennifer Nguyen

The *California Fish and Wildlife Journal* is published quarterly by the California Department of Fish and Wildlife. It is a journal devoted to the conservation and understanding of the flora and fauna of California and surrounding areas. If its contents are reproduced elsewhere, the authors and the California Department of Fish and Wildlife should be acknowledged.

Please direct all correspondence to: **ScientificJournal@wildlife.ca.gov**

The views, opinions, and conclusions within the content of this publication are solely the authors' and do not necessarily reflect those of the California Department of Fish and Wildlife.

Cover Image: Adult steelhead jumping in a holding pond at the Coleman National Fish Hatchery, Anderson, CA (Photo Credit: USFWS Pacific Southwest Region)