1. Record Nr. UNINA9911026064103321 Autore Quinn Thomas P. Titolo The Behavior and Ecology of Pacific Salmon and Trout / / Thomas P. Quinn Pubbl/distr/stampa Seatle:,: University of Washington Press,, [2018] 2019 **ISBN** 9780295743349 0295743344 Edizione [second edition] Descrizione fisica 1 online resource (547 p.) Disciplina 597.56 Soggetti Oncorhynchus Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Frontmatter -- CONTENTS -- PREFACE -- ACKNOWLEDGMENTS --CHAPTER 1 Introduction -- CHAPTER 2 Homeward Migration on the Open Ocean -- CHAPTER 3 Migration in Coastal Waters and Estuaries -- CHAPTER 4 Upriver Migration and Energetics -- CHAPTER 5 Homing and Straying -- CHAPTER 6 Courtship and Reproduction -- CHAPTER 7 The Ecology of Spawning Salmon and Their Carcasses -- CHAPTER 8 The Development and Mortality of Embryos -- CHAPTER 9 Alevin Movements, Emergence, and Fry Migrations -- CHAPTER 10 Salmon and Trout in Streams -- CHAPTER 11 Salmon and Trout in Lakes --CHAPTER 12 Downstream Migration (or Not) -- CHAPTER 13 Salmon and Trout in Estuaries -- CHAPTER 14 Marine Migrations -- CHAPTER 15 Survival at Sea -- CHAPTER 16 Feeding and Growth at Sea --CHAPTER 17 Age and Size at Maturity -- CHAPTER 18 Salmon and Trout Transplants -- CHAPTER 19 The Evolution and Structure of Populations -- CHAPTER 20 The Abundance and Diversity of Salmon and Trout: Past, Present, and Future -- REFERENCES CITED -- INDEX Sommario/riassunto The Behavior and Ecology of Pacific Salmon and Trout combines indepth scientific information with outstanding photographs and original artwork to fully describe the fish species critical to the Pacific Rim. This completely revised and updated edition covers all aspects of the life cycle of these remarkable fish in the Pacific: homing migration from the

open ocean through coastal waters and up rivers to their breeding

grounds; courtship and reproduction; the lives of juvenile salmon and trout in rivers and lakes; migration to the sea; the structure of fish populations; and the importance of fish carcasses to the ecosystem. The book also includes information on salmon and trout transplanted outside their ranges. Fisheries expert Thomas P. Quinn writes with clarity and enthusiasm to interest a wide range of readers, including biologists, anglers, and naturalists. He provides the most current science available as well as perspectives on the past, present, and future of Pacific salmon and trout. In this edition: Over 100 beautiful color photographs of salmon and troutUpdated information on all aspects of the salmon and trout life cycleExpanded coverage of trout