Record Nr. UNINA9910822710403321 Evolution illuminated: salmon and their relatives / / edited by Andrew **Titolo** P. Hendry, Stephen C. Stearns [[electronic resource]] Pubbl/distr/stampa New York;,: Oxford University Press,, 2023 2004 **ISBN** 0-19-770090-X 1-280-53151-7 0-19-534383-2 1-4337-0105-7 Descrizione fisica 1 online resource (521 p.) Collana Oxford scholarship online Disciplina 597.5/5138 Soggetti Salmonidae - Evolution Fish populations Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Previously issued in print: 2003. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Contents: Contributors: Introduction: The Salmonid Contribution to Key Issues in Evolution; 1 Life Histories, Evolution, and Salmonids; 2 The Evolution of Philopatry and Dispersal: Homing versus Straying in Salmonids: 3 To Sea or Not to Sea? Anadromy versus Non-Anadromy in Salmonids; 4 Evolution of Egg Size and Number; 5 Norms of Reaction and Phenotypic Plasticity in Salmonid Life Histories; 6 Ecological Theory of Adaptive Radiation: An Empirical Assessment from Coregonine Fishes (Salmoniformes); 7 From Macro- to Micro-Evolution: Tempo and Mode in Salmonid Evolution 8 Evolution in Mixed Company: Evolutionary Inferences from Studies of Natural Hybridization in Salmonidae9 Salmonid Breeding Systems; 10 Salmonid Insights into Effective Population Size; 11 Evolution of Chinook Salmon Life History under Size-Selective Harvest; 12 Conservation Units and Preserving Diversity; 13 Toward Evolutionary Management: Lessons from Salmonids; Appendix 1: Straying Rates of Anadromous Salmonids: Appendix 2: Genetic Differentiation among Conspecific Salmonid Populations at Nuclear DNA Loci; Appendix 3: Differences between Anadromous and Non-Anadromous Salmonids:

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Sommario/riassunto	This text should appeal to investigators in each of the scientific disciplines. It integrates evolutionary biology, ecology, salmonid biology, management and conservation.