

1. Record Nr.	UNINA9910830458803321
Titolo	Sea trout [[electronic resource]] : biology, conservation, and management : proceedings of First International Sea Trout Symposium, Cardiff, July 2004 // edited by Graeme Harris and Nigel Milner
Pubbl/distr/stampa	Oxford ; ; Ames, Iowa, : Blackwell, 2006
ISBN	1-281-31219-3 9786611312190 0-470-76219-5 0-470-99602-1 0-470-99601-3
Descrizione fisica	1 online resource (522 p.)
Altri autori (Persone)	HarrisGraeme MilnerNigel
Disciplina	639.3757
Soggetti	Sea trout
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	SEA TROUT: BIOLOGY, CONSERVATION AND MANAGEMENT; Contents; Foreword; Preface; Opening Address 1. Sea Trout: A Welsh Perspective; Opening Address 2. Sea Trout and the Environment Agency; 1 Setting the Scene - Sea Trout in England and Wales - A Personal Perspective; Section 1 STOCKS AND FISHERIES; 2 Patterns of Anadromy and Migrations of Pacific Salmon and Trout at Sea; 3 A Review of the Status of Irish Sea Trout Stocks; 4 Characteristics of the Sea Trout <i>Salmo trutta</i> (L.) Stock Collapse in the River Ewe (Wester Ross, Scotland), in 1988-2001 5 Characteristics of the Sea Trout (<i>Salmo trutta</i> L.) Stocks from the Owengowla and Invermore Fisheries, Connemara, Western Ireland, and Recent Trends in Marine Survival 6 Annual Variation in Age Composition, Growth and Abundance of Adult Sea Trout Returning to the River Dee at Chester, 1991-2003; 7 Sea Trout Stock Descriptions in England and Wales; 8 The Rod and Net Sea Trout Fisheries of England and Wales; 9 General Overview of Turkish Sea Trout (<i>Salmo trutta</i> L.) Populations; 10 The Status and Exploitation of Sea Trout on the Finnish

Coast of the Gulf of Bothnia in the Baltic Sea

11 Sea Trout (*Salmo trutta* L.) in European Salmon (*Salmo salar* L.) Rivers
Section 2 GENETICS AND LIFE HISTORY; 12 Genetics of Sea Trout, with Particular Reference to Britain and Ireland; 13 The Genetic Basis of Smoltification: Functional Genomics Tools Facilitate the Search for the Needle in the Haystack; 14 Life History of the Anadromous Trout *Salmo trutta*; 15 Migration as a Life-History Strategy for the Sea Trout; 16 Life History of a Sea Trout (*Salmo trutta* L.) Population from the North-West Iberian Peninsula (River Ulla, Galicia, Spain)
17 Review and Perspectives on Molecular Genetic Approaches to Sea Trout Biology
Section 3 POPULATION DYNAMICS, ECOLOGY AND BEHAVIOUR; 18 A 35-Year Study of Stock-Recruitment Relationships in a Small Population of Sea Trout: Assumptions, Implications and Limitations for Predicting Targets; 19 Characteristics of the Burrishoole Sea Trout Population: Census, Marine Survival, Enhancement and Stock...Recruitment Relationship, 1971-2003; 20 Population Dynamics and Stock-Recruitment Relationship of Sea Trout in the River Bresle, Upper Normandy, France; Section 4 MANAGING STOCKS AND FISHERIES
21 The Spawning Habitat Requirements of Sea Trout: A Multi-Scale Approach
22 Research Activities and Management of Brown Trout and Sea Trout (*Salmo trutta* L.) in Denmark; 23 Stocking Sea Trout (*Salmo trutta* L.) in the River Shieldaig, Scotland; 24 Is Stocking with Sea Trout Compatible with the Conservation of Wild Trout (*Salmo trutta* L.)?; 25 Sea Lice *Lepeophtheirus salmonis* Infestations of Post-Smolt Sea Trout in Loch Shieldaig, Wester Ross, 1999-2003; 26 Comparison of Survival, Migration and Growth in Wild, Offspring from Wild (F1) and Domesticated Sea-Run Trout (*Salmo trutta* L.)
27 The Rapid Establishment of a Resident Brown Trout Population from Sea Trout Progeny Stocked in a Fishless Stream

Sommario/riassunto

The Brown trout displays widely divergent life history strategies involving, variously, usage of streams, rivers, lakes, estuaries and the sea. The sea trout is the full sea-going form, it is very common and competes with salmon for the position of the most sought after migratory salmonid in many countries. Its use of freshwater, estuaries and coastal waters gives it a unique position as a sentinel species of environmental quality across these habitats. Although a commercially and recreationally important fish species, the management and scientific knowledge about sea trout has often been ov
