

1. Record Nr.	UNINA9910877806403321
Titolo	Salmon at the edge // edited by Derek Mills
Pubbl/distr/stampa	Oxford ; ; Ames, Iowa, : Blackwell Science, 2003
ISBN	0-470-99548-3 1-280-19684-X 9786610196845 0-470-79003-2 0-470-99549-1 1-4051-2835-6
Descrizione fisica	1 online resource (322 p.)
Altri autori (Persone)	MillsDerek Henry
Disciplina	639.9/7756
Soggetti	Atlantic salmon Fishes - Conservation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"From a conference organized by the Atlantic Salmon Trust, the Atlantic Salmon Federation."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	SALMON AT THE EDGE; Contents; Preface; Message from His Royal Highness The Prince of Wales; 1 Opening Address: Eroding the Edge - The Future of Coastal Waters; INTO THE UNKNOWN - THE FIRST WEEKS AT SEA; 2 Migration and Distribution of Atlantic Salmon Post-Smolts in the North Sea and North-East Atlantic; 3 Smolt Tracking at Sea - A Search Rewarded; 4 The Ecology of Post-Smolts of Atlantic Salmon; RUNNING THE GAUNTLET - INSHORE AND COASTAL HAZARDS; 5 The Significance of Marine Mammal Predation on Salmon and Sea Trout 6 Predation on Post-Smolt Atlantic Salmon by Gannets: Research Implications and Opportunities7 Progress in Ending Mixed-Stock Interceptory Fisheries: United Kingdom; 8 Closing the North American Mixed-Stock Commercial Fishery for Wild Atlantic Salmon; 9 Assessing and Managing the Impacts of Marine Salmon Farms on Wild Atlantic Salmon in Western Scotland: Identifying Priority Rivers for Conservation; 10 Relationship Between Sea Lice Infestation, Sea Lice Production and Sea Trout Survival in Ireland, 1992-2001 11 Mortality of Seaward-Migrating Post-Smolts of Atlantic Salmon Due

to Salmon Lice Infection in Norwegian Salmon Stocks¹² A Two-
Generation Experiment Comparing the Fitness and Life History Traits of
Native, Ranched, Non-Native, Farmed and 'Hybrid' Atlantic Salmon
Under Natural Conditions; 13 Finding Resolution to Farmed Salmon
Issues in Eastern North America; 14 Delivering the Solutions - The
Salmon Farmer's Point of View; BEACONS OF HOPE: Success Stories; 15
The Return of Salmon to Cleaner Rivers - A Scottish Perspective; 16 The
Return of Salmon to Cleaner Rivers - England and Wales
17 Opening Up New Habitat: Atlantic Salmon (*Salmo salar* L.)
Enhancement in Newfoundland¹⁸ Optimizing Wild Salmon Production;
Pointers for the future; 19 Stream Restoration for Anadromous
Salmonids by the Addition of Habitat and Nutrients; 20 Prospects for
Improved Oceanic Conditions; Colour plates 20.1-20.3; PUTTING IT
TOGETHER: Catchment management; 21 The European Water
Framework Directive and its Implications for Catchment Management;
Reports and Recommendations; The Outlook for Post-Smolts;
Overcoming Estuarial and Coastal Hazards; Resolving Conflicts Between
Aquaculture and Wild Salmon
Can We See a Brighter Future?THE WAY AHEAD; Conclusions, Discussion
and Resolutions; Index

Sommario/riassunto

Salmon at the Edge covers, in depth, the problems faced by wild Atlantic salmon and sea trout in estuaries and coastal zones, and in their early weeks at sea. The book also reflects the current precarious state of many migratory salmonid populations and the need for new approaches to a number of threats to these populations. Generated from papers given at the landmark Sixth Atlantic Salmon Symposium, held in Edinburgh, UK, Salmon at the Edge contains a huge wealth of information on such important topics as the impact of salmon farming, the behaviour of post-smolts in
