

1. Record Nr.	UNINA9910337952103321
Titolo	Lampreys: Biology, Conservation and Control : Volume 2 // edited by Margaret F. Docker
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2019
ISBN	94-024-1684-6
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (590 pages)
Collana	Fish & Fisheries Series ; ; 38
Disciplina	597.2
Soggetti	Evolution (Biology) Vertebrates Animal models in research Conservation biology Ecology Wildlife Fishes Developmental biology Evolutionary Biology Animal Models Conservation Biology/Ecology Fish & Wildlife Biology & Management Developmental Biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. The Lamprey Gonad -- 2. Lamprey Reproduction and Early Life History: Insights from Artificial Propagation -- 3. Post-Metamorphic Feeding in Lampreys -- 4. Life History Evolution in Lampreys: Alternative Migratory and Feeding Types -- 5. Control of Invasive Sea Lamprey in the Great Lakes, Lake Champlain, and Finger Lakes of New York -- 6. The Lamprey as a Model Vertebrate in Evolutionary Developmental Biology -- 7. There and Back Again: Lampreys in the 21st Century and Beyond.
Sommario/riassunto	This book, published in two volumes, provides the most comprehensive review of lamprey biology since Hardisty and Potter's "The Biology of

Lampreys” published more than 30 years ago. This second volume offers a synthesis of topics related to the lamprey gonad (e.g., lamprey sex ratios, sex determination and sex differentiation, sexual maturation, and sex steroids), the artificial propagation of lampreys, post-metamorphic feeding and the evolution of alternative feeding and migratory types, the history and status of sea lamprey control in the Laurentian Great Lakes and Lake Champlain, and an overview of contributions of lamprey developmental studies for understanding vertebrate evolution.
