

1. Record Nr.	UNINA9910828023803321
Titolo	Reproductive biology and phylogeny of Urodela // volume edited by David M. Sever
Pubbl/distr/stampa	Enfield, NH, : Science Publishers, c2003
ISBN	0-429-07985-0 1-4822-9434-6 1-57808-645-0
Edizione	[First edition.]
Descrizione fisica	1 online resource (636 p.)
Collana	Reproductive biology and phylogeny ; ; v. 1
Altri autori (Persone)	SeverDavid M
Disciplina	597.8/5
Soggetti	Salamanders - Reproduction Salamanders
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	chapter 1 Salamander Classification and Reproductive Biology An Historical Overview -- chapter 2 Phylogenetic Systematics of Salamanders (Amphibia: Urodela), A Review -- chapter 3 Genetics and Systematics of Hybrid Species -- chapter 4 The Ovary and Oogenesis -- chapter 5 Oviduct and Egg-Jelly -- chapter 6 The Testes, Spermatogenesis and Male Reproductive Ducts -- chapter 7 The Mature Spermatozoon -- chapter 8 Endocrinology of Reproduction -- chapter 9 Courtship and Mating Glands -- chapter 10 Courtship and Mating Behavior -- chapter 11 Sperm Activation -- chapter 12 Larviparity and Pueriparity -- chapter 13 Life Histories -- chapter 14 Parental Care.
Sommario/riassunto	This volume contains original contributions from an international group of authors with the highest reputations in their respective areas of phylogenetic and reproductive studies on salamanders and newts. A full panoply of topics is covered, from morphology of gametes and reproductive systems to considerations of behavior and life history, all placed in a phylogenetic context. The chapters not only synthesize past literature but also present new observations and indicate directions for future research. This is an essential text for anyone interested in the biology of urodele amphibians.

