

1. Record Nr.	UNINA9910789852703321
Autore	Avise John C
Titolo	Hermaphroditism [[electronic resource] ] : a primer on the biology, ecology, and evolution of dual sexuality // John C. Avise
Pubbl/distr/stampa	New York, : Columbia University Press, c2011
ISBN	1-283-00894-7 9786613008947 0-231-52715-2
Descrizione fisica	1 online resource (251 p.)
Altri autori (Persone)	NicholsonTrudy H
Disciplina	616.6/94
Soggetti	Intersexuality Intersexuality in animals
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	Front matter -- CONTENTS -- PREFACE -- 1. Two Sexes in One -- 2. Dual-sex Plants -- 3. Dual-sex Invertebrates -- 4. Dual-sex Vertebrates -- GLOSSARY -- REFERENCES CITED -- INDEX
Sommario/riassunto	While it is true that members of most sexually reproducing species can be defined as either male or female, those who belong to the rest of the biological world are not so simply understood. Hermaphroditic creatures reproduce both as male and as female individuals, providing a fascinating glimpse into alternative sexual practices in nature and their ecological and evolutionary successes and failures. Eloquently written by an award-winning biologist and pioneer in molecular ecology, this primer on hermaphroditism traces the phenomenon throughout Earth's myriad species, accounting for the adaptive significance of alternative sexual systems. Accessible and richly illustrated, the text maps the evolutionary origins of hermaphroditism, as well as its historical instances and fictional representations, underscoring the relevance of dual sexuality to our biological, intellectual, and cultural making. John C. Avise describes the genetics, ecology, phylogeny, and natural history of hermaphroditic plants, fish, and invertebrate animals and details organisms that either reproduce simultaneously as male and female or switch routinely between one sex

and the other. Filled with surprising creatures and compelling revelations, this textbook stands alone in its clear yet comprehensive treatment of hermaphroditism and its unique challenge to the supremacy of separate sexes.

---