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Autore	Bloembergen, N.
Titolo	Nonlinear optics : a lecture note and reprint volume / N. Bloembergen
Pubbl/distr/stampa	Reading, MA : Benjamin/Cummings Publ. Co., 1965
ISBN	0805309381
Descrizione fisica	xiii, 222 p. ; 24 cm.
Collana	Frontiers in physics. A, Lecture note and reprint series ; 21
Classificazione	53.2.66 535.5 QC355
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes bibliographical references.

2. Record Nr.	UNINA9910495820603321
Autore	Agnès Jean-françois
Titolo	The inland water fishes of Africa : Diversity, ecology and human use // Didier Paugy, Christian Levêque, Olga Otero
Pubbl/distr/stampa	Marseille, : IRD Éditions, 2018
ISBN	2-7099-2401-3
Descrizione fisica	1 online resource (680 p.)
Collana	Hors collection
Altri autori (Persone)	AlbaretJean-Jacques BigorneRémy BrummettRandall CavinLionel ClémentGaël DuponchelleFabrice FermonYves HuguenyBernard LaëRaymond LegendreMarc LemoalleJacques LevêqueChristian MurrayAlison OteroOlga PaugyDidier PintonAurélie SnoeksJos StewartKathlyn
Soggetti	Environmental Studies écologie biodiversité exploitation des ressources naturelles écosystème facteur anthropique évolution pisciculture eau continentale aquaculture faune ichtyologique hydrobiologie milieu lacustre

biogéographie
biodiversity
biogeography
water
ecology
ecosystem
evolution
ressources exploitation
anthropogenic factor
hydrobiology

Lingua di pubblicazione

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Sommario/riassunto

The equilibrium of inland hydrosystems is presently a cause for concern, with species extinction rates there estimated to be 5 times higher than for terrestrial fauna in the 21st century. Urgent measures must be taken to conserve these ecosystems particularly with regard to fishes, which represent an especially rich and diverse evolutionary heritage. Fishes were long unaffected by human activity on the African continent, but anthropogenic pressure has increased in recent decades. Good management of African continental waters is thus of paramount importance in terms of heritage and economics, as fishes are a vital natural resource for the people in sub-Saharan Africa. In view of biodiversity conservation, African fishes are investigated here as a biological model owing to their enormous ecological and genetic diversity. It is essential to know the ecology and structure of various communities, and to understand the impact of human activity. This book discusses the diversity of environments, the origin and evolution of species, survival and adaptive strategies, the structure of fish communities, and the impact of human activity. It also devotes a section to fisheries and fish culture. This ambitious project summarizes the current state of knowledge on African fishes and their populations, highlighting the mechanisms regulating their equilibrium and the causes contributing to their erosion. It is a reference not just for readers involved in African aquatic environments, but for anyone interested in biodiversity conservation in general.
