

1. Record Nr.	UNINA9910465505103321
Titolo	Historical biogeography of neotropical freshwater fishes [[electronic resource] /] / edited by James S. Albert, Roberto E. Reis
Pubbl/distr/stampa	Berkeley, : University of California Press, c2011
ISBN	1-283-27768-9 9786613277688 0-520-94850-5
Descrizione fisica	1 online resource (406 p.)
Altri autori (Persone)	AlbertJames S ReisRoberto E
Disciplina	597.176098
Soggetti	Freshwater fishes - Latin America - Geographical distribution Freshwater fishes - Latin America - Geographical distribution - History Historical geology - Latin America Paleoecology - Latin America Freshwater fishes - Latin America - Phylogeny Zoogeography - Latin America Biodiversity - Latin America Electronic books.
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 (p. 319-366) and index.
Nota di contenuto	Frontmatter -- Contents -- Contributors -- Preface -- One. Introduction To Neotropical Freshwaters -- Two. Major Biogeographic and Phylogenetic Patterns -- Three. Geological Development of Amazon and Orinoco Basins -- Four. The Paraná-Paraguay Basin: Geology and Paleoenvironments -- Five. Species Richness and Cladal Diversity -- Six. Paleogene Radiations -- Seven. Neogene Assembly of Modern Faunas -- Eight. The Biogeography of Marine Incursions in South America -- Nine. Continental-Scale Tectonic Controls of Biogeography and Ecology -- Ten. An Ecological Perspective on Diversity and Distributions -- Eleven. The Amazon-Paraguay Divide -- Twelve. The Eastern Brazilian Shield -- Thirteen. The Guiana Shield -- Fourteen. The Vaupes Arch and Casiquiare Canal Barriers and Passages

-- Fifteen. Northern South America Magdalena and Maracaibo Basins --
Sixteen. The Andes Riding the Tectonic Uplift -- Seventeen. Nuclear
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Sommario/riassunto

The fish faunas of continental South and Central America constitute one of the greatest concentrations of aquatic diversity on Earth, consisting of about 10 percent of all living vertebrate species. Historical Biogeography of Neotropical Freshwater Fishes explores the evolutionary origins of this unique ecosystem. The chapters address central themes in the study of tropical biodiversity: why is the Amazon basin home to so many distinct evolutionary lineages? What roles do ecological specialization, speciation, and extinction play in the formation of regional assemblages? How do dispersal barriers contribute to isolation and diversification? Focusing on whole faunas rather than individual taxonomic groups, this volume shows that the area's high regional diversity is not the result of recent diversification in lowland tropical rainforests. Rather, it is the product of species accumulating over tens of millions of years and across a continental arena.
