

Beach-Spawning Fishes

Reproduction in an Endangered Ecosystem

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This book serves as a comprehensive guide to beach spawning, a charismatic animal behavior that is seen in a surprising number of teleost species. This unexpected form of reproduction provides a window into the ecology of coastal areas, the behaviors and physiology necessary for fish and their eggs to adapt to terrestrial conditions, and the threats and challenges for conservation and management. Beach spawning species include important forage fish such as the Capelin, exotic fisheries such as the Fugu Puffer, and the spectacular midnight runs of the California Grunion.

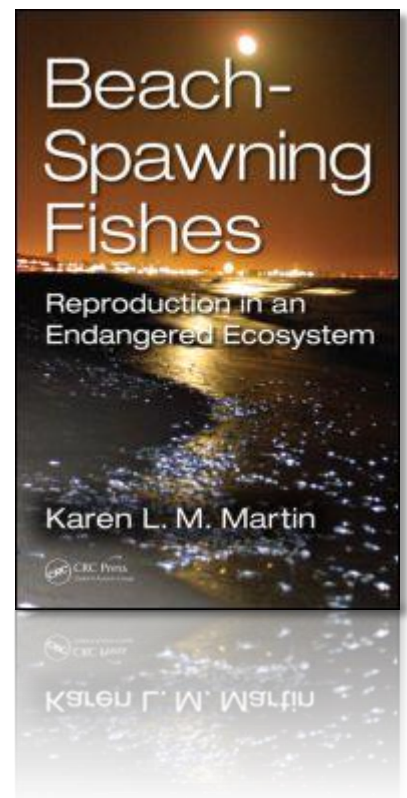
Key Features

- Explores the vertebrate transition to land
- Examines unusual reproductive behavior
- Provides examples of beach spawning, which are found globally
- Discusses hatching of aquatic forms that yield terrestrial embryos

Selected Contents

A Leap of Faith: Evolution of Beach Spawning Behavior. Surf, Sand, and Beach: Physical Conditions of Shore Habitats for Fishes. Locals Only: Beach Spawning Behavior in Resident Intertidal Fishes. Vacation Sex: Subtidal fishes that make spawning migrations to the beach. Catching a Breath: Beach Spawning Fishes and Air-Breathing. Unsafe Sex: Predation on Beach Spawning Fishes. Beach Babes: Terrestrial Incubation and Beach Spawning Fishes. Perilous Return to the Sea: Hatching after Beach Incubation. Coastal Squeeze: New Threats to Beach Spawning Fishes and their Critical Habitats. Waves of Passion: Conservation Efforts for Beach Spawning Fishes.

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