



## Spawning Migration of the European Eel: Reproduction Index, a Useful Tool for Conservation Management

By -

Springer, Netherlands, 2010. Paperback. Book Condition: New. 1st ed. Softcover of orig. ed. 2009. 229 x 152 mm. Language: English . Brand New Book. Freshwater eels are almost infinitely improbable creatures. They spawn and die in the middle of the ocean, often associated with undersea mountains. Their transparent, leaf-like larvae move with ocean currents for months or years until they approach the mouths of freshwater rivers. Then they undergo a dramatic transformation in morphology, physiology and behavior. They move from their planktonic oceanic environment, migrate upstream and live for several years as apex freshwater predators. Then, almost impossibly, as they become sexually mature, they reverse their migration downstream to the ocean and back to spawning grounds to complete their life cycle. The dramatic changes in their life cycles are incredible. The efforts to unravel the details of their life history have been truly daunting. Much of the past research was the work of dedicated individuals who devoted their lifetime research to these fishes. Freshwater eels merit a separate chapter in almost any textbook dealing with ichthyology, marine biology or animal migration. We know a great deal about some aspects of the biology of freshwater eels. However, our...



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