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New Taxonomy"; "Chapter 4"; "Origin and Structure of Coral Reefs"; "Hypotheses on Reef Formation"
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"Darwinism: The New Driving Force in Biology""Das Urbild: The Ultimate Ancestor"; "Embryology and the Origin: The Coelenterate Foundation of Life"; "Ecology: Haeckela's Enduring Contribution"; "The Marine Research Station: Concept and Gestation, 1859a?1871"; "La Stazione Zoologica di Napoli: Foundation and Influence"; "French Chauvinism: Resistance to European Cooperation"; "Chapter 8"; "Reef Construction and Symbionts"; "A Radical Taxonomy of Invertebrates"; "Coral Reefs and Madrepores: The Search for Definition"; "The Recognition of aœReefaa? Identity"
"Animal Life in the Marine Environment"

Sommario/riassunto

On 4 June 1629, the Batavia, pride of the Dutch East India Company Fleet, was wrecked on her maiden voyage in a seemingly empty expanse of the Indian Ocean. The question "how did this happen?" led to 300 years of investigation by those curious to solve the enigma: what are corals, and how are coral reefs formed? Relying heavily on primary source material Part 1 traces the sequential evolution of scientific thought and practice as the author explores the way this evolution is reflected in the search for understanding corals. At each stage, answers lead to fresh questions that challenge investigators to solve the riddle, and new branches of science emerge. Then, with the first enigma finally understood, a new enigma arose. Why are Reefs dying? Part 2 traces the range of problems that have emerged in the past 50 years as marine, ecological, reef and climate scientists attempt to put the pieces of the jigsaw together. Is there a new "canary in the coal mine" warning of the fate of the world as we know it if man's impact on his environment continues unchecked?
