



Cabrillo Marine Aquarium

Virginia Reid Moore Marine Research Library

Library Pathfinder: Deep Sea

The deep sea, which has been immersed in darkness since the dawn of time, occupies 85% of the ocean, making it Earth's largest habitat. The Deep sea ecosystem consists of a hidden realm of darkness, freezing cold and unimaginable pressure teeming with the most wondrous and diverse forms of life. For the last 25 years, a new deep sea species has been described every two weeks. In the year 2000, an international scientific program called The Census of Marine Life (COML), was launched to attempt the monumental task of identifying marine species. Since then, *each year* researchers have discovered approximately 1,650 new species. COML's discoveries were published in 2010.

Books for Adults

Creatures of the Deep / Erich Hoyt. 2nd ed, Updated and expanded. QL122 .H68 2014

The Deep / Claire Nouvian. Revealing nature's oddest and most mesmerizing creatures, *The Deep* features more than 200 color photographs of living fossils, terrifying sea monsters and bioluminescent creatures, some photographed for the first time. The history of deep sea exploration and the ecology of deep sea habitats are examined. QL125.5 .D44 2007

Discoveries of the Census of Marine Life: Making Ocean Life Count / Paul V.R. Snelgrove. (*Chapter 8: Into the Deep*, pp. 175-210, with bibliography). QH91.8 .B6 S64 2010

Ocean / American Museum of Natural History. Comprehensive source covering practically all aspects of marine biology and habitats, gorgeously illustrated by DK (Dorling Kindersley). Go to page 222, "*Living Down Deep*" if you dare!! Follow that with a soothing read on Bioluminescence (p. 224-5). Then, learn some quirky details about the Deep Sea Jellyfish on p. 262, and don't miss the Giant Octopus on p. 288. The timely forward is authored by Fabien Cousteau. GC21 .O23 2014

The Silent Deep / Tony Koslow. The Silent Deep tells the stories of discovery of the deep sea, the ecologies of its ecosystems, and of the impact of humans, highlighting the importance of global stewardship in keeping this delicate ecosystem alive and well. QH541.5 .D35 K67 2007

Wonders of the Deep, Vol 12, no. 12, 6/29/2012 / Life Books TR729 .M37 W66 2012

Books for Children

Creatures of the Deep Pop-up Book / Discoverology, John Woodward. QL 125.5 .W911 2009

Dark Day in the Deep Sea / Mary Pope Osbourne. Magic Tree House #39 PZ7 .O81167 Dar 2008

Sea Monsters / Mary Pope Osborne. Fact Tracker, Nonfiction companion to Magic Tree House #39. QL122.2 .O83 2011

Deep Sea Creatures / Kids Explore! QL122.2 .K42 DSC 2014

Weird Sea Creatures / Linda Marsh, National Geographic Kids. QL122.2 .M365 2012

Periodicals and News Articles

Bigger is Better: The Role of Whales as Detritus in Marine Ecosystems / Craig Smith. Whales, Whaling and Marine Ecosystems. UC Press, 2006. Chapter 22, pp. 286-300

A Deep Dive into the Great Mysteries of Life. Bob Drogin. Los Angeles Times, Sunday August 2, 2009, pp. A1,A10.

Deep-Sea Secrets. Brian Switek. Discover, September 2013, pp. 58-59.

Ecology of Whale Falls at the Deep-Sea Floor. Craig Smith & Amy R. Baco. Oceanography and Marine Biology: An Annual Review 2003, Vol. 41, 311-354.

Fall Guys. Amanda L. Mascarelli. Audubon, Nov./Dec. 2009, pp. 44-50.

Monsters of the Deep. Science Illustrated, May/June 2009, pp. 30-37.

Featured Websites

Ocean Portal – Census of Marine Life

<http://ocean.si.edu/census-marine-life>

Magnificent photography and numerous links to the categories researched by the Census of Marine Life, including the Census of Diversity of Abyssal Marine Life.

25 Most Terrifying Deep Sea Creatures

<http://list25.com/25-most-terrifying-deep-sea-creatures/>

This 6:44 minute video showcases color photos and descriptions of 25 deep sea creatures including the vampire squid, anglerfish, hagfish, blue-ringed octopus, snaggletooth, and the goblin shark.