

琉球大学 特色ある戦略的研究プロジェクト（とんがり研究） 講演会
日時：2016年9月23日10:30-12:00 場所：亜熱帯島嶼科学拠点研究棟 3階
Date & Time: 10:30-12:00 AM, 23 Sept., 2016 Venue: Subtropical Sci. Build. 3F

Censusing the Sea in the 21st Century

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Marine Biology

“Coral reefs contain at least one quarter, perhaps as much as one third, of all the diversity in the ocean. This is an amazing statistic when you consider that reefs occupy less than 0.2 percent of the ocean’s surface.”

HOW MANY SPECIES LIVE IN THE SEA?

“This is a remarkably hard question to answer because the sea is so vast and traditional methods of identifying species are so slow. Fortunately, state-of-the-art genetic methods combined with standardized approaches for sampling are beginning to shed light on this long-standing problem.”

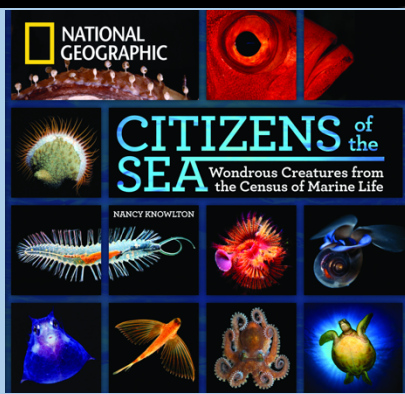
OTHER QUESTIONS

Why do coral species spawn in such tight synchrony and what controls the spawning time of individual coral colonies?

How are different coral species related to each other?

How much diversity is lost as human impacts degrade ocean environments?

Can the decline of coral reefs be reversed through management and protection?



Corals and Coral Reefs

Part 2: Biodiversity
and why it matters

Nancy Knowlton
National Museum
of Natural History

