

# EXPLORE

## NOAA Office of Ocean Exploration Quick Look Report

Expedition Title: Exploring Ancient Coral Gardens

<b>Results</b> (please check all disciplines in which this cruise collected data)	<b>Details</b> (please describe any novel discoveries in the discipline, answers such as “possible, awaiting data analysis” and “no apparent discoveries” are acceptable)
Bathymetric Mapping <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
New Species Discovered <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Possible new sponge, not yet determined
Bio-prospecting <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Habitat Range Extended <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Several species depth ranges extended
Chemical Processes <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Biological Processes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Over 80 animal samples collected
Geologic Processes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Over 20 rock samples collected and over 10 sediment core samples collected
Physical Processes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CTD, current measurements
Sub/ROV/AUV Dives <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ROV Tiburon dives (11)
New Technology <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	High-definition video camera system
Maritime Cultural Heritage <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Outreach <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	NOAA & MBARI websites updated daily; numerous media outlet coverage post-cruise
Students Involved <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1 graduate student on-board; U.S. high school students emailed questions
Multidisciplinary <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Biology, oceanography, geology
Exploration of New Regions <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	New areas of the Davidson Seamount were explored