

EXPLORE



NOAA Office of Ocean Exploration Quick Look Report

Expedition Title: Exploring Ancient Coral Gardens

Results (please check all disciplines in which this cruise collected data)	Details (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