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Stephanie Farrington

Education

2006 – 2008 NSU Oceanographic Center Dania Beach, FL

Research Assistant

Utilized CPCe and Microsoft Access to analyze deep-sea ROV transects.

Analyzed photographs for benthic species, image area and habitat.

Incorporated images into Access database for archival purposes.

2005 – 2008 NSU Oceanographic Center Dania Beach, FL

Master's Thesis: The Biogeography of the Strait of Florida

Mapped biogeography using ArcGIS, PRIMER and Microsoft Access.

Utilized CPCe and Microsoft Access to analyze videos and photographs for species abundance and habitat.

Prepared technical paper and presented research.

Volunteer

2009 – 2010 NJAAS at Adventure Aquarium Camden, NJ

Husbandry Volunteer

Fish and Invertebrates Department.

Caring for fish and invertebrates, exhibit cleaning, filter maintenance, food preparation, feeding, fish transport and record keeping.

2007 – 2007 NOAA OE, Johnson Sea Link II East Coast of FL

Volunteer Research Assistant

Deep-water Oasis: Exploration and Characterization of Deep-Reef Ecosystem; one-week expedition.

Recorded fathometer data, sorted and recorded data from samples, collected and fixed museum vouchers.

Computer Skills

ArcGIS 10

PRIMER V6

Microsoft Access: database creation and management

Statview

CPCe

EndNote

Microsoft Office Suite

Pinnacle Studio

Adobe Photoshop

Fledermaus

- Reed, J.K., Stacey Harter, Stephanie Farrington, Andy David. 2014. South Atlantic MPAs and deepwater coral HAPCs: Characterization of Benthic Habitat and Fauna; NOAA Ship Pisces Cruise 13-03. NOAA CIOERT Report. 310 pp. HBOI Technical Report Number 153.
- Farrington, S., J. Reed, D. Hanisak. 2014. Cruise report, 2014 M.V. Spree, Technical Dive Collection Cruise, June 17-27, 2014. 52 pp. Harbor Branch Oceanographic Technical Report Number 148.
- Reed, J. and S. Farrington. 2014. Photo album and taxonomy of benthic macrobiota from 2012-2013 ROV dives on Pulley Ridge mesophotic reefs. 69 pp. Harbor Branch Oceanographic Technical Report Number 149.
- Reed, J. and S. Farrington. 2014. Photo album and taxonomy of benthic macrobiota from 2012-2013 ROV dives on Tortugas mesophotic reefs. 37 pp. Harbor Branch Oceanographic Technical Report Number 150
- Reed, J. and S. Farrington. 2014. Photo album and taxonomy of benthic macrobiota and fish from 2011-2013 ROV dives on shelf-edge MPAs off southeastern U.S. 215 pp. Harbor Branch Oceanographic Technical Report Number 151.
- Farrington, S., J. Reed, H. Moe, S. Harter, D. Hanisak, A. David. 2014. Characterization of the Mesophotic Benthic Habitat and Fish Assemblages from ROV Dives on Pulley Ridge and Tortugas during 2012 and 2013 R/V Walton Smith Cruises. NOAA CIOERT Cruise Report. Report to NOAA-NOS-NCCOS. 44 pp. HBOI Technical Report Number 147.
- Harter, S., A. David, J. Reed, and S. Farrington. 2013. Semi-annual report. South Atlantic shelf-edge MPAs and deep-water coral HAPCs. Summary of accomplishmen

- Reed JK, Hanisak D, Farrington S, Rademacher K. 2012. Preliminary cruise report, Connectivity of the Pulley Ridge - South Florida Coral Reef Ecosystem: Processes to Decision-Support Tools. 2012 Pulley Ridge Cruise, August 14-25, 2012, R/V Walton Smith and UNCW Super Phantom ROV Harbor Branch Oceanographic Miscellaneous Contribution Number 824. Report to NOAA-NOS-NCCOS, p 66.
- Reed JK, Farrington S, David A, Messing CG, Guzman E, Pomponi S. 2012. NOAA CIOERT cruise report: survey of the deep-sea coral and sponge ecosystem of Pourtales Terrace, NOAA Ship Nancy Foster, Florida Shelf-Edge Exploration II (FLoSEE) Cruise, Leg 2-September 23-30, 2011. To be published on various NOAA and Fisheries websites.
- Reed, J.K. and S. Farrington. 2012. 2011 CIOERT FloSEE II site summary report, Leg 1, Pulley Ridge; NOAA Ship Nancy Foster, September 12-19, 2011. Report to NOAA Cooperative Institute for Ocean Exploration, Research, and Technology, 36 pp. HBOI Technical Report Number 134.
- Reed, J., S. Pomponi, A. David, S. Farrington. 2012. NOAA CIOERT Cruise Report, 2011 Nancy Foster cruise, Leg 2. Report to NOAA Deep Sea Coral Research and Technology Program, 151 pp. HBOI Technical Report Number 135.
- Messing, Charles, Brian Walker, John Reed, and Stephanie Rogers. 2011. South Florida Ocean Measurement Facility: deep-water benthic habitat characterization. R/V Freedom Star and Navy TONGS ROV. Navy Surface Warfare Group, Ft. Lauderdale, FL. HBOI Technical Report No. 128.
- Reed, J. and S. Farrington. 2011. A proposal for extension of the boundaries of the *Oculina* Coral Habitat Area of Particular Concern (OHAPC). Report to the South Atlantic Fishery Management Council. HBOI Technical Report Number 132.
- Reed, J.K., S. Farrington, C. Messing, B. Walker, S. Brooke, M. Brouwer, T. Correa, and T. Udouj. 2011. Distribution and habitat characterization of deep-sea coral ecosystem habitat off Florida, southeastern United States. American Society of Limnology and Oceanography, 2011 International Aquatic Sciences Meeting, February 13-18, 2011, San Juan Puerto Rico. Abstract and poster presentation. HBOI

2012. AGU Ocean Sciences Meeting. Salt Lake City, Utah. Feb 20-24, 2012. Abstract. "Sticky Grounds-hardbottom mesophotic habitat on the west Florida outer continental shelf." Locker, S.D., J. Reed, S. Farrington, S. Harter, A. Hine, S. Dunn, E. Shinn.
2012. Fifth International Deep-Sea Coral Symposium, Amsterdam, April 2-6, 2012 "Distribution and characterization of deep-sea coral ecosystem habitats off southeastern United States." Abstract and presentation- Reed, John K., C. Messing, B. Walker, S. Farrington, S. Brooke, T. Correa, M. Brouwer. HBOI Miscellaneous Contribution Number 738.
2012. Fifth International Deep-Sea Coral Symposium, Amsterdam, April 2-6, 2012. "Coral-dominated assemblages and associated fishes on the Pourtalès Terrace, Florida Keys, USA." Abstract and poster. Messing, C.G., A. David, S. Farrington, J. Reed. HBOI Miscellaneous Contribution Number 739.
2011. American Society of Limnology and Oceanography, 2011 International Aquatic Sciences Meeting, Feb. 13-18, 2011, San Juan Puerto Rico. Poster Presentation' - "Distribution and habitat characterization of deep-sea coral ecosystem habitat off Florida, southeastern United States." Abstract and poster- Reed, J.K., S. Farrington, C. Messing, B. Walker, S. Brooke, M. Brouwer, T. Correa.
2010. Renewable Ocean Energy and the Marine Environment: Responsible Stewardship for a Sustainable Future,

GRANTS:

Grants submitted

2015. Pierre-Philippe Beaujean, E.An, F. Dalgleish, S. Nagahdaripour, J. Reed. NSF 15-504; OCE Major Research Instrumentation. Project title: MRI - Development of a Combined LAsEr Scanner and swath bathymetry Sidescan sonar (CLASS) system for benthic studies using Autonomous Underwater Vehicles. Total Budget- \$984,477 (8/15/15 – 8/14/18 (36 months)).
2015. NOAA CIOERT Yr 6-5.3.1. Mesophotic Reef Ecosystems. NOAA Deep Sea Coral Research and Technology Program; Principal Investigator- John Reed, J. Voss, D. Hanisak; Budget- \$187,331.
- 2015-17 South Atlantic Fishery Management Council (SAFMC) for NOAA CRCP request; Project Title- “ South Atlantic Oculina Experimental Closed Area and Shelf-Edge Marine Protected Areas: Characterization of Benthic Habitat and Fauna, FY15-17.” Principal Investigators- J. Reed, S. Harter, A. David; Budget (total, 3 yrs FY 2015-2017)- \$738,552; FAU- \$276,441.
- 2015-17 NOVA Southeastern University; Project Title- “Florida Current Development Project Southeast Florida. Principal Investigators- C. Messing, J. Reed, S. Farrington; Budget (FAU)- \$65,645 (June 11, 2015 – Dec. 30, 2017).