

**MASTER APPENDIX H – JOURNAL MANUSCRIPTS, SYMPOSIUM PAPERS, AND OTHER PRODUCTS  
RESULTING IN WHOLE OR IN PART FROM RESEARCH UNDERTAKEN BY THE USGS *LOPHELIA*  
INVESTIGATION TEAM, 2004-2006**

*Kenneth J. Sulak and Michael T. Randall*

**JOURNAL MANUSCRIPTS:**

- 2007.** Sulak, K. J., R. A. Brooks, K. E. Luke, A. D. Norem, M. Randall, A. J. Quaid, G. E. Yeargin, J. M. Miller, W. M. Harden, J. H. Caruso, and S. W. Ross. Demersal fishes associated with *Lophelia pertusa* coral and hard-substrate biotopes on the continental slope, northern Gulf of Mexico, pp. 65-92, IN: **Conservation and Adaptive Management of Seamount and Deep-Sea Coral Ecosystems** (R. Y. George and S. Cairns, eds.). Rosenstiel School of Marine and Atmospheric Science, University of Miami, Miami, FL, November 2007.
- 2007.** Williams, B., M. J. Risk, S. W. Ross and K. J. Sulak. Stable isotope data from deep-water antipatharians: 400-year records from the southeastern coast of the United States of America. **Bulletin of Marine Science** 81(3):437-447.
- 2007.** Caruso J. H., S. W. Ross, K. J. Sulak, and G. R. Sedberry. Deep-water chaunacid and lophiid anglerfishes (Pisces: Lophiiformes) off the Southeastern United States. **Journal of Fish Biology** 70:1015-1026.
- 2007.** Brooks, R. A., M. S. Nizinski, S. W. Ross and K. J. Sulak. Sublethal injury rate in a deepwater ophiuroid, *Ophiacantha bidentata*, an important component of Western Atlantic *Lophelia* reef communities **Marine Biology** 152(2):307-314 .
- 2006.** Williams, B., M. J. Risk, S. W. Ross and K. J. Sulak. Deep-water antipatharians, proxies of environmental change. **Geology** 34(9):773-776.
- 2004.** A. M. Quattrini, S. W. Ross, K. J. Sulak, A. M. Necaie, T. L. Casazza, and G. D. Dennis. Marine fishes new to continental United States waters, North Carolina, and the Gulf of Mexico. **Southeastern Naturalist** 3(1):155-172.

**CONFERENCE & SYMPOSIA PRESENTATIONS (Presenter in Bold):**

- 2008. (scheduled) Sulak, K. J.** Utilization of *Lophelia* coral and comparative biotopes by fishes on the northern Gulf of Mexico middle continental slope. Oral paper to be presented at: **4<sup>th</sup> International Deep-Sea Coral Symposium**, Wellington, NZ, 4-9 December 2008.
- 2008. (scheduled) Kellogg, C.** Microbial Diversity Associated with the Deep-water Scleractinian *Lophelia pertusa* in the Gulf of Mexico. Oral paper to be presented at: **4<sup>th</sup> International Deep-Sea Coral Symposium**, Wellington, NZ, 4-9 December 2008.
- 2008. (scheduled) Morrison, C. L.** Oral paper to be presented at: **4<sup>th</sup> International Deep-Sea Coral Symposium**, Wellington, NZ, 4-9 December 2008.
- 2008. (scheduled) Morrison, C. L.** Geographic Patterns of Genetic Connectivity Among *Lophelia pertusa* Deep Coral Populations in the Western North Atlantic Ocean. Assessment of deep coral biodiversity and population genetic structure of *Lophelia pertusa* in the Gulf of Mexico. Oral paper presented at **American Geophysical Union**, 2008 Joint Assembly, Ft. Lauderdale, FL, 27-30 May 2008.
- 2007. Morrison, C. L.** Assessment of deep coral biodiversity and population genetic structure of *Lophelia pertusa* in the Gulf of Mexico. Oral paper presented at **MMS Information Transfer Meeting**, Kenner, LA, 10 January 2007.
- 2007. Kellogg, C.** Microbial diversity associated with *Lophelia pertusa* in the Gulf of Mexico. Oral paper presented at **MMS Information Transfer Meeting**, Kenner, LA, 10 January 2007.
- 2006. Sulak, K. J., A. D. Norem, K. E. Luke, and M. Randall.** Sequential video frame analysis off fish community structure on *Lophelia* reefs – northern Gulf of Mexico Continental Slope. Oral paper presented at **11<sup>th</sup> International Deep-Sea Biology Symposium**, Southampton, UK, 13 July 2006.
- 2006. Morrison, C.L., S. W. Ross, M. S. Nizinski, R. L. Johnson, and T. L. King.** Defining units of management in a frontier environment: deep-sea *Lophelia* coral community genetics. Poster presented at USGS Leetown Science Center, Strategic Review, Kearneysville, WV, 8 August 2006.
- 2006. Sulak, K. J., A. D. Norem, K. E. Luke, and M. Randall.** Sequential video frame analysis off fish community structure on *Lophelia* reefs – northern Gulf of Mexico Continental Slope.

- Poster presented at: **USGS Florida Integrated Science Center, Strategic Review**, St. Petersburg, FL, 10 May 2006.
- 2006. Kellogg, C. A.** Microbial ecology of the deep-sea coral *Lophelia pertusa*. Oral paper presented at **ASLO/AGU Ocean Sciences Meeting**, Honolulu, HI, February 2006.
- 2006. Ross, S. W.,** A. M. Quattrini, A. K. Necaise, and K. J. Sulak. Benthic fishes of deep coral habitats along the Southeastern United States continental slope. Oral paper presented at **ASLO/AGU Ocean Sciences Meeting**, Honolulu, HI, February 2006.
- 2005. Schill, W. B.** and A. R. Griffin. Expressed homeobox genes in *Lophelia pertusa*. Poster paper presented at **Third International Deep Coral Symposium**, Miami, FL, November-December 2005 (p152 in Symposium Abstracts).
- 2005. Sulak, K. J.,** Fishes associated with *Lophelia pertusa* habitat in the Gulf of Mexico. Oral paper presented at **Third International Deep Coral Symposium**, Miami, FL, November-December 2005.
- 2005. Morrison, C. L.,** R. Johnson, S. W. Ross, K. J. Sulak, R. J. Toonen, and T. L. King. Isolation and characterization of novel tri- and tetra-nucleotide microsatellite DNAMarkers for the delineation of reproductive, population, and phylogeographic structures in the deep-water reef-forming coral *Lophelia pertusa*. Oral paper presented at **Third International Deep Coral Symposium**, Miami, FL, November-December 2005.
- 2005. King, T. L.,** C. Morrison, R. Johnson, M. S. Eackles, K. J. Sulak, and S. W. Ross. A molecular phylogenetic perspective on diversity and species boundaries of deep-sea scleractinian corals from the southeastern U.S. and Gulf of Mexico. Oral paper presented at **Third International Deep Coral Symposium**, Miami, FL, November-December 2005.
- 2005. Kellogg, C.A.** Deep-sea coral microbial ecology. Oral paper [Biodiversity: Microbial and Invertebrate Association Session Keynote] presented at **Third International Deep Coral Symposium**, Miami, FL, November-December 2005.
- 2005. Nizinski, M. S.,** S. W. Ross, and K. J. Sulak. Habitat utilization and species-specific associations between Galatheids and deepwater corals off the southeastern United States. **Third International Deep Coral Symposium**, Miami, FL, November-December 2005.

- 2005. Williams, B.,** M. Risk, K. Sulak, S. Ross, and R. Stone. Deep-water antipatharians and gorgonians: Proxies of biogeochemical processes. Oral paper presented at **Third International Deep Coral Symposium**, Miami, FL, November-December 2005.
- 2005. Ross, S. W.,** K. J. Sulak, and A. Quattrini. Benthic fishes occupying deep coral habitats along the southeastern United States continental slope. Oral paper presented at **Third International Deep Coral Symposium**, Miami, FL, November-December 2005.
- 2005. Kellogg, C. A.** Microbial ecology of deep-sea corals. Oral paper [Invited speaker] presented at the **Annual Meeting of the Southeastern Branch of the American Society for Microbiology**, St. Petersburg, FL, October 2005.
- 2005. Kellogg, C.,** M. McLaughlin, and R. Stone. Microbial ecology of deep-sea corals. Poster presented at American Society for Microbiology General Meeting, Atlanta, GA, June 2005.
- 2005. Ross, S. W.,** K. J. Sulak, and M. S. Nizinski. Distributions and ecology of deep coral habitat in the southeastern U.S. Oral paper presented at **USGS-FISC Science Conference**, Orlando, FL, May 2005.
- 2004. Sulak, K. J.,** S. W. Ross, and M. S. Nizinski. *Lophelia pertusa* landscapes and megafaunal biotopes on the Blake Plateau off the southeastern U.S. Session on Cold Water Corals and Structural Habitats in Deep Water: Biology, Threats and Protection; **International Council for Exploration of the Seas, Annual Meeting**, Vigo, Spain, 19-29 September 2004.
- 2004. Nizinski, M. S.,** S. W. Ross, and K. J. Sulak. Macrofaunal structure and habitat utilization within deep coral bank communities on the southeastern United States slope. Session on Cold Water Corals and Structural Habitats in Deep Water: Biology, Threats and Protection; **International Council for Exploration of the Seas, Annual Meeting**, Vigo, Spain, 19-29 September 2004.
- 2004. Nizinski, M.,** S. W. Ross, and K. J. Sulak. Macrofaunal structure and habitat utilization within deep coral bank communities on the southeastern United States slope. Paper presented at the **European Ichthyological Congress**, Tallin, Estonia, October 2004.
- 2004. Nizinski, M.,** S. W. Ross, and K. J. Sulak. Macrofaunal structure and habitat utilization within deep coral bank communities on the southeastern United States slope. Paper

presented at the 11<sup>th</sup> **International Congress of European Ichthyologists**, Tallin, Estonia, October 2004.

- 2004. Ross, S. W.,** and K. J. Sulak. Is there a primary reef ichthyofauna associated with deep coral banks on the southeastern United States slope? **American Society of Ichthyologists and Herpetologists, Annual Meeting**, Norman, OK, 26-31 May 2004.
- 2004. Kellogg, C. A.** and R. P. Stone. A pilot study of deepwater coral microbial ecology. Poster presented at **ASLO/AGU Ocean Sciences Meeting**, Honolulu, HI, February 2004.
- 2004. Ross, S. W.,** K. J. Sulak, and M. S. Nizinski. Deep coral bank fishes on the southeastern United States slope: Is there a deep water primary reef Ichthyofauna. Oral paper presented at **American Geophysical Union, Ocean Sciences Meeting**, Deep Coral Session, Portland, OR, 26-30 January 2004.
- 2004. Brooks, R. A.,** K. J. Sulak. A comparison of epifaunal communities on deep water reefs in the northeast Gulf of Mexico. Oral paper presented at **American Geophysical Union, Ocean Sciences Meeting**, Deep Coral Session, Portland, OR, 26-30 January 2004.
- 2004. Nizinski, M. S., S. W. Ross,** and K. J. Sulak. Ichthyofauna of deep coral banks on the continental slope off the southeastern United States. Oral paper presented at **American Geophysical Union, Ocean Sciences Meeting**, Deep Coral Session, Portland, OR, 26-30 January 2004.

#### **FINAL REPORTS TO USGS AND/OR MMS:**

- 2006.** Ross, S. W., A. M. Quattrini, and M. Partyka. Integrating deep coral studies in the Gulf of Mexico and western Atlantic Ocean. Contract Report from Center for Marine Science, University of North Carolina-Wilmington, to MMS, March 2006.

#### **DOI NEWSLETTER & USGS FACT SHEET ARTICLES:**

- 2005 (January). Sulak, K. J.** Cold Coral Research in U.S. Waters. **People, Land & Water** (U.S. Department of the Interior) 11(2):13.
- 2005.** Kellogg, C. Coral Microbial Ecology. **U.S. Geological Survey Fact Sheet** FS2005-3039. <http://pubs.usgs.gov/fs/2005/3039/>