

Publications

of the

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- 0001 Vernberg, F. J. and W. B. Vernberg (1969). Thermal influence on invertebrate respiration. *Chesapeake Science*. **10(3&4)**: 234-240.
- 0002 Caldwell, R. and F. J. Vernberg (1970). The influence of acclimation temperature on the lipid composition of fish gill mitochondria. *Comparative Biochemistry and Physiology*. **34**: 179-191.
- 0003 Coull, B. C. and W. B. Vernberg (1970). Harpacticoid copepod respiration: *Enhydrosoma propinquum* and *Longipedia helgolandica*. *Marine Biology*. **5(4)**: 341-344.
- 0004 Queen, W. H. (1970). The culture of salt marsh grasses in a defined liquid solution (*Abstract of talk*). *Plant Physiology*. **46**: 11.
- 0005 Sizemore, R. K. and L. H. Stevenson (1970). Method for the isolation of proteolytic marine bacteria. *Applied Microbiology*. **20(6)**: 991-992.
- 0006 Vernberg, F. J. and W. B. Vernberg (1970). Lethal limits and the zoogeography of the faunal assemblages of coastal Carolina waters. *Marine Biology*. **6**: 26-32.
- 0007 Vernberg, F. J. and W. B. Vernberg (1970). Aquatic invertebrates. *Comparative Physiology of Thermoregulation*. New York, Academic Press. **1**: 1-14.
- 0008 Vernberg, F. J. and W. B. Vernberg (1970). *The Animal and the Environment*. New York, Holt, Rinehart and Winston.
- 0009 Vernberg, W. B. and F. J. Vernberg (1970). Metabolic diversity in oceanic animals. *Marine Biology*. **6(1)**: 33-42. 0010 Meenakshi, V. R., et al. (1970). Ultrastructure, histochemistry, and amino acid composition of the shell of *Neopilina*. *Anton Brun Report #2. Scientific Results of the South Pacific Expedition* : 2.3-2.12.
- 0011 Wall, D., et al. (1970). Calcitic resting cysts in *Peridinium trochoideum* (Stein) Lemmermann, an autotrophic marine dinoflagellate. *Phycologia*. **9(2)**: 151-156.
- 0012 Zischke, J. A., et al. (1970). Studies on shell formation: Measurement of growth in the gastropod *Ampullarius glaucus*. *Malacologia*. **10(2)**: 423-439.
- 0013 Zingmark, R. G. (1970). Sexual reproduction in the dinoflagellate *Noctiluca miliaris* Suriray. *Journal of Phycology*. **6(2)**: 122-126.
- 0014 Zingmark, R. G. (1970). Ultrastructural studies on two kinds of mesocaryotic dinoflagellate nuclei. *American Journal of Botany*. **57(5)**: 586-592.
- 0015 Richards, H. G., et al. (1971). Pleistocene mollusks from boreholes in South Carolina. *Notulae Naturae (Philadelphia)*. **445**: 1-11.
- 0016 Pierce, J. W., et al. (1971). Pyrophyllite and talc in waters off the southeastern United States. *Marine Geology*. **11**: M9-M15.
- 0017 Davies, T. T. and M. A. Crenshaw (1971). Environmental stress effect on molluscan growth. *Journal of Dental Research*. **50(6, suppl.)**: 1498-1499.
- 0018 Fowler, S. W., et al. (1971). Experimental studies on elimination of zinc-65, cesium-137 and cerium-144 by euphausiids *Marine Biology*. **8(3)**: 224-231.
- 0019 Lunetta, J. and W. B. Vernberg (1971). Fatty acid composition of parasitized and nonparasitized tissue of the mud-flat snail, *Nassarius obsoleta* (Say). *Experimental Parasitology*. **30**: 224-248.
- 0020 Vernberg, F. J. and W. B. Vernberg (1971). *Chemical Ecology: Crustacea*. *Chemical Zoology*. M. Florkin and B. T. Scheer. New York, Academic Press. **6**: 347-364.
- 0021 Vernberg, W. B. and F. J. Vernberg (1971). Respiratory metabolism of a trematode metacercaria and its host. *Aspects of the Biology of Symbiosis*. T. Cheng. Baltimore,

- Maryland, University Park Press : 91-102.
- 0022 Cox, E. R. and R. G. Zingmark (1971). Bibliography on the Pyrrhophyta. Selected Papers of Phycology. J. R. Rosowski and B. C. Parker. Lincoln, Nebraska, University of Nebraska Press: 803-808.
- 0023 Cox, E. R. and R. G. Zingmark (1971). Bibliography on the Cryptophyta. Selected Paper of Phycology. J. R. Rosowski and B. C. Parker. Lincoln, Nebraska, University of Nebraska Press: 809-810.
- 0024 Dame, R. F. (1972). Variations in the caloric value of the American oyster, *Crassostrea virginica*. Proceedings, National Shellfisheries Association. **62**: 86-88.
- 0025 Dame, R. F. (1972). Comparison of various allometric relationships in intertidal and subtidal American oysters. Fisheries Bulletin. **70(4)**: 1121-1126.
- 0026 Dame, R. F. (1972). The ecological energies of growth, respiration, and assimilation in the intertidal American oyster *Crassostrea virginica*. Marine Biology. **17(3)**: 243-250.
- 0027 Davies, T. T., et al. (1972). The effect of temperature on the chemistry and structure of echinoid spine regeneration Journal of Paleontology. **46(6)**: 874-883.
- 0028 DeCoursey, P. J. (1972). LD ratios and entrainment of circadian activity in a nocturnal and diurnal rodent . Journal of Comparative Physiology. **78**: 221-235.
- 0029 DeCoursey, P. J. and W. B. Vernberg (1972). Effect of mercury on survival, metabolism, and behavior of larval *Uca pugilator*. OIKOS. **23**: 241-247.
- 0030 Vernberg, F. J. (1972). Dissolved Gases - Animals. Marine Biology - Environmental Factors. Kinne. New York, John Wiley. **1, Part 3**: 1491-1515.
- 0031 Vernberg, W. B. and F. J. Vernberg (1972). Environmental Physiology of Marine Animals. New York, Springer-Verlag.
- 0032 Vernberg, W. B. and F. J. Vernberg (1972). The synergistic effects of temperature, salinity, and mercury on the survival and metabolism of the adult fiddler crab, *Uca pugilator*. Fisheries Bulletin. **70 (2)**: 415-420.
- 0033 Zingmark, R. G. (1972). Asexual reproduction in *Pyrocystis lunula*. Bulletin Soc. Bot. Fr., Memoires. **1972**: 213-214.
- 0034 Cowley, G. T. (1973). Variation in soil fungus populations in a South Carolina salt marsh. Estuarine Microbial Ecology. . L. H. Stevenson and R. R. Colwell. Columbia, South Carolina, University of South Carolina Press : 441-454.
- 0035 Shoemaker, A. H. (1972). Reef molluscs of South Carolina. Nautilus. **85**: 114-120.
- 0036 Shoemaker, A. H. (1973). Thermal and salinity effects on ciliary activity on excised gill tissue from bivalves of North and South Carolina. Veliger. **15(3)**: 215-222.
- 0037 Brummett, A. R. and W. B. Vernberg (1972). Oxygen consumption in anterior versus posterior embryonic shield of *Fundulus heteroclitus*. Biological Bulletin. **143(2)**: 296-303.
- 0038 Queen, W. H. (1974). Physiology of coastal halophytes. Ecology of Halophytes. R. J. Reimold and W. H. Queen. New York. , Academic Press: 345-378.
- 0039 Lunetta, J. (1971). Lipogenes e Acidos Graxos Totalis EM *Callinectes sapidus* Rathbun 1896 (Siri) Aclimados a Diferentes Temepraturas . *Estudos Comparativo*. Brazil, University of Sao Paulo.
- 0040 Gardner, L. R. (1973). The effect of hydrological factors on the pore water chemistry of intertidal marsh sediments . Southeastern Geology. **15(1)**: 17-28.
- 0041 Dean, J. M. (1973). The response of fish to a modified thermal environment . Responses of Fish to Environmental Change. W. Chavin. Springfield, IL, Charles C. Thomas Publisher : 33-63.
- 0042 DeCoursey, P. J. (1973). Free-running rhythms and patterns of circadian entrainment in three species of diurnal rodents . Journal of Interdisciplinary Cycle Research. **4 (1)**: 67-77.
- 0043 DeCoursey, P. J. and W. B. Vernberg (1974). Double infections of larval trematodes:

- Competitive interactions . Symbiosis in the Sea. Belle W. Baruch Library in Marine Science W. B. Vernberg . Columbia, South Carolina, University of South Carolina Press. **2**: 93-109.
- 0044 Coull, B. C. (1975). Three new harpacticoid copepods (Crustacea) from the North Inlet Estuary, Georgetown, South Carolina, USA. *Crustaceana*. **29 (2)**: 113-126.
- 0045 Vernberg, F. J. (1972). Genetic and phenotypic plasticity of oceanic invertebrates. Fifth European Marine Biology Symposium. B. Battaglia. Padua, Piccin Editore; 245-257.
- 0046 Settlemyer, J. L. and L. R. Gardner (1977). Suspended sediment flux through a salt marsh drainage basin . *Estuarine Coastal and Marine Science*. **5**: 653-663.
- 0047 Billings, W. N., et al. (1978). Movement of PCB from a contaminated reservoir into a drinking water supply. *Bulletin Environmental Contamination and Toxicology*. **19**: 215-222.
- 0048 Vernberg, F. J. (1973). Introduction: The estuarine ecosystem. *Estuarine Microbial Ecology*. L. H. Stevenson and R. R. Colwell. Columbia, South Carolina, University of South Carolina Press: 3-8.
- 0049 Vernberg, W. B. (1972). Metabolic-environmental interaction in marine plankton. Fifth European Marine Biology Symposium. B. Battaglia. Padua, Piccin Editore; 189-196.
- 0050 Vernberg, W. B. and F. J. Vernberg (1974). Metabolic patterns of a trematode and its hosts: A study in the evolution of physiological responses. *Symbiosis in the Sea*. W. B. Vernberg. Columbia, South Carolina, University of South Carolina Press. **Belle W. Baruch Library in Marine Science Number 2** 161-172.
- 0051 Vernberg, W. B. (1974). *Symbiosis in the Sea*. Belle W. Baruch Library in Marine Science. Columbia, South Carolina, University of South Carolina Press. **no. 2**.
- 0052 McKenney, C. and J. M. Dean (1975). Effects of acute exposure to sublethal concentrations of cadmium on the thermal resistance of the mummichog. *Thermal Ecology*. J. W. Gibbons and R. R. Sharitz, Atomic Energy Commission Symposium Series (CONF 730505). 43-53.
- 0053 Stephens, D. G. and T. T. Davies (1974). The distribution of Cheilostome bryozoa in a tidal creek system on the South Carolina coast. *Southeastern Geology*. **16**: 107-120.
- 0054 Andrews, E., et al. (1973). Scouring of buried Pleistocene barrier complexes as a source of channel sands in tidal creeks, North Island Quadrangle, South Carolina . *Geological Society of America Bulletin*. **84**: 3659-3662.
- 0055 Zingmark, R. G. and T. G. Miller (1975). Effects of mercury on growth and photosynthesis of estuarine and oceanic phytoplankton. *Physiological Ecology of Estuarine Organisms*. Belle W. Baruch Library in Marine Science. F. J. Vernberg . Columbia, South Carolina, , University of South Carolina Press . **3**: 45-57.
- 0056 Vernberg, F. J. (1974). A review: *Biology of Brackish Water* by A. Remane and C. Schlieper. Second revised edition, Halsted Press, Wiley Interscience. *Transactions of the American Fisheries Society*. **3**: 647-648.
- 0057 Hopkins, S. and J. M. Dean (1975). The response of developmental stages of *Fundulus* to acute thermal shock . *Physiological Ecology of Estuarine Organisms*. Belle W. Baruch Library in Marine Science no. 3. . F. J. Vernberg. Columbia, South Carolina, University of South Carolina Press : 301-318.
- 0058 Dean, J. M. (1974). The accumulation of ⁶⁵Zn and other radionuclides by tubificid worms . *Hydrobiologia*. **45(1)**: 33-38.
- 0059 Silverthorn, S. U. (1973). Respiration in eyestalkless *Uca* (Crustacea: Decapoda) acclimated to two temperatures. *Comparative Biochemistry and Physiology*. **45A**: 417-420.
- 0060 O'Hara, J. (1973). The influence of temperature and salinity on the toxicity of cadmium to the fiddler crab, *Uca pugilator*. *Fisheries Bulletin*. **71 (1)**: 149-153.

- 0061 Sizemore, R. K., et al. (1973). Distribution and activity of proteolytic bacteria in estuarine sediments . Estuarine Microbial Ecology. Belle W. Baruch Library in Marine Science no. 1. L. H. S. a. R. R. Colwell . Columbia, South Carolina , University of South Carolina Press: 133-143.
- 0062 Vernberg, W. B., et al. (1973). Synergistic effects of environmental variables on larvae of *Uca pugilator*. Marine Biology. **22**: 307-312.
- 0063 Vernberg, F. J. and W. B. Vernberg (1974). Synergistic effects of temperature and other environmental parameters on organisms Thermal Ecology. J. W. Gibbons and R. R. Sharitz. Washington, D.C. , Atomic Energy Commission: 94-99.
- 0064 Gardner, L. R. (1973). Chemical models for sulfate reduction in closed anaerobic marine environments. Geochimica et Cosmochimica Acta. **37**: 53-68.
- 0065 Vernberg, F. J. and W. B. Vernberg (1973). Evolutionary trends in thermal metabolic acclimation patterns in northern and southern hemisphere crustaceans. Zool. Biology Marine. **30**: 87-92.
- 0066 O'Hara, J. (1973). Cadmium uptake by fiddler crabs exposed to temperature and salinity stress . Journal of the Fisheries Research Board of Canada. **30**: 846-848.
- 0067 White, A. Q. and C. Spirito (1973). Anatomy and physiology of the swimming leg musculature in the blue crab, *Callinectes sapidus*. Marine Behavior and Physiology. **2**: 141-153.
- 0068 Holland, A. F., et al. (1974). Quantitative evidence concerning the stabilization of sediments by marine benthic diatoms. Marine Biology. **27**: 191-196.
- 0069 Vernberg, W. B. and G. S. Moreira (1974). Metabolic-temperature responses of the copepods *Euterpina acutifrons* (Dana) from Brazil. Comparative Biochemistry and Physiology. **49a**: 757-761.
- 0070 Vernberg, W. B. and J. O'Hara (1972). Temperature-salinity stress and mercury uptake in the fiddler crab, *Uca pugilator*. Journal of the Fisheries Research Board of Canada. **29**: 1491-1494.
- 0071 Cain, R. L. and J. M. Dean (1976). The annual occurrence, abundance, and diversity of fishes in a South Carolina intertidal creek . Marine Biology. **36**: 369-379.
- 0072 Silverthorn, S. U. (1975). Hormonal involvement in thermal acclimation in the fiddler crab *Uca pugilator* (Bosc). 1. Effect of eyestalk extracts on whole animal respiration . Comparative Biochemistry and Physiology. **50A**: 281-283.
- 0073 Silverthorn, S. U. (1975). Hormonal involvement in thermal acclimation in the fiddler crab *Uca pugilator* (Bosc.). II. Effects of extracts on tissue respiration . Comparative Biochemistry and Physiology. **50A**: 285-290.
- 0074 Vernberg, W. B. and B. C. Coull (1974). Respiration of an interstitial ciliate and benthic energy relationships. Oecologia. **16**: 259-264.
- 0075 Vernberg, F. J. (1973). Tidelands as an ecosystem. Bulletin of the South Carolina Academy of Science. **35**: 56-61
- 0076 Hutcheson, M. S. (1974). The effect of temperature and salinity on cadmium uptake by the blue crab, *Callinectes sapidus*. Chesapeake Science. **15 (4)**: 237-242.
- 0077 Craig, L. H. (1975). *Himasthla quissetensis* and *Lepocreadium setiferoides*: Emergence patterns from their molluscan host, *Nassarius obsoletus*. Experimental Parasitology. **38**: 56-63.
- 0078 Craig, W. J. (1974). Physiological ecology of the commensal crabs, *Polyonyx gibbesi* Haig and *Pinnixa chaetoptera* Stimpson. Oecologia. **15** 235-244.
- 0079 Dunkelberger, D. and N. Watabe (1974). An ultrastructural study on spicule formation in the pennatulid colony *Renilla reniformis*. Tissue & Cell. **6 (4)**: 587-598.
- 0080 DeCoursey, P. J. and W. B. Vernberg (1975). The effect of dredging in a polluted estuary on the physiology of larval zooplankton. Water Research. **9**: 149-154.
- 0081 Anderson, G. (1975). Larval metabolism of the epicardian isopod parasite *Probopyrus pandalicola* and metabolic effects of *P. pandalicola* on its copepod intermediate host

- Acartia tonsa*. Comparative Biochemistry and Physiology. **50**: 747-751.
- 0082 Silverthorn, S. (1975). Neurosecretion in the sinus glands in the fiddler crab *Uca pugnax*. Cell Tissue Research. **165**:129-133.
- 0083 Kasschau, M. (1975). The relationship of free amino acids to salinity changes and temperature-salinity interactions in the mudflat snail, *Nassarius obsoletus*. Comparative Biochemistry and Physiology. **51A**: 301-308.
- 0084 Stevenson, L. H., et al. (1974). Aerobic, heterotrophic bacterial populations in estuarine water and sediments. Effect of the Ocean Environment on Microbial Activity. R. Y. Morieta and R. R. Colwell. Baltimore, Maryland, University Park Press: 268-285.
- 0085 Vucetic, T., et al. (1974). Long-term annual fluctuations of mercury in the zooplankton of the east central Adriatic. Rev. Int. Oceanogr. Mediterranee. **33**: 75-81.
- 0086 Vernberg, W. B. and B. C. Coull (1975). Multiple factors of environmental parameters on the physiology, ecology and distribution of some marine meiofauna. Can. Biology Marine. **16**: 721-732.
- 0087 Kjerfve, B. (1975). Velocity averaging in estuaries characterized by a large tidal range to depth ratio. Estuarine and Coastal Marine Science. **3**: 311-323.
- 0088 Holland, A. G. and J. M. Dean (1977). The community biology of intertidal macrofauna inhabiting sandbars in the North Inlet area of South Carolina, U.S.A. Ecology of Marine Benthos. B. C. Coull. Columbia, South Carolina, University of South Carolina Press. **Belle W. Baruch Library in Marine Science no. 6** : 423-438.
- 0089 Vernberg, F. J. (1975). Physiological Ecology of Estuarine Organisms. Belle W. Baruch Library in Marine Science Columbia, South Carolina, University of South Carolina Press. **no. 3**.
- 0090 Vernberg, F. J. and W. B. Vernberg (1975). Adaptations to extreme environments. Physiological Ecology of Estuarine Organisms. Belle W. Baruch Library in Marine Science, Number 3. F. J. Vernberg. Columbia, South Carolina, University of South Carolina Press: 165-180.
- 0091 Vernberg, F. J. (1976). Physiological Adaptation to the Environment. New York, Intext Educational Publishers. 0092 Vernberg, W. B. (1976). Multiple factor effects on animals. Physiological Adaptation to the Environment. F. J. Vernberg. New York, Intext Education Publishers : 521-537.
- 0093 Vernberg, F. J. and W. B. Vernberg (1974). Pollution and Physiology of Marine Organisms. New York, Academic Press
- 0094 Vernberg, W. B., et al. (1974). Multiple environmental factor effects on the physiology and behavior of the fiddler crab, *Uca pugilator*. Pollution and Physiology of Marine Organisms. F. J. Vernberg and W. B. Vernberg. New York, Academic Press: 381-425.
- 0095 DeCoursey, P. J. (1976). Biological Rhythms in the Marine Environment. Belle W. Baruch Library in Marine Science Columbia, South Carolina, University of South Carolina Press. **no. 4**.
- 0096 Rawson, K. S. and P. J. DeCoursey (1976). Comparison of rhythms in mice and crabs from intertidal and terrestrial habitats. Biological Rhythms in the Marine Environment. Belle W. Baruch Library in Marine Science no. 4. P.J. DeCoursey. Columbia, South Carolina, University of South Carolina Press : 33-52.
- 0097 Shoemaker, A. (1973). *Strombus* range extensions. Nautilus. **85 (2)**: 72.
- 0098 Dean, J. M. (1973). Aquaculture in the tidelands of South Carolina. Bulletin of the South Carolina Academy of Science. **35**: 77-81.
- 0100 Gardner, L. R. (1975). Runoff from an intertidal marsh during tidal exposure: Recession curves and chemical characteristics. Limnology and Oceanography. **20 (1)**: 81-89.
- 0101 Rosenfield, D. C. and B. C. Coull (1974). Adult morphology and larval development of *Paramphiascella fulvofasciata* n. sp. (Copepoda, Harpacticoida) . Can. Biology Marine. **15**: 295-317.

- 0102 Coull, B. C. (1977). Marine Flora and Fauna of the Northeastern United States. Copepoda: Harpacticoida. Washington, DC, National Marine Fisheries Service, NOAA.
- 0103 Kasschau, M. (1975). Changes in concentrations of free amino acids in larval stages of the trematode *Himasthla quissetensis* and its intermediate host *Nassarius obsoletus*. *Comparative Biochemistry and Physiology*. **51B**: 273-280.
- 0104 Settlemire, J. L. and L. R. Gardner (1975). Chemical and sediment budgets for a small tidal creek, Charleston Harbor, SC. Water Resources Research Institute, Clemson University, Clemson, SC .
- 0105 Holland, A. F. and J. M. Dean (1977). The biology of the stout razor clam, *Tagelus plebeius*: I. Animal-sediment relationships, feeding mechanism and community biology. *Chesapeake Science*. **18**: 58-66.
- 0106 Gardner, L. R. (1974). Organic vs. inorganic trace metal complexes in sulfidic marine waters - Some speculative calculations based on available stability constants. *Geochimica et Cosmochimica Acta*. **38**: 1297-1302.
- 0107 Anderson, G. (1975). Metabolic response of the caridean shrimp *Palaemonetes pugio* to infection by the adult epibranchial isopod parasite *Probopyrus pandalicola*. *Comparative Biochemistry and Physiology*. **52A**: 201-207.
- 0108 Sizemore, R. K. and L. H. Stevenson (1974). Environmental factors associated with proteolytic activity of estuarine bacteria. *Life Science*. **15**: 1425-1432.
- 0109 Erkenbrecker, C. W. and L. H. Stevenson (1975). The influence of tidal flux on microbial biomass in salt marsh creeks . *Limnology and Oceanography*. **20**: 618-625.
- 0110 Ivester, M. S. and B. C. Coull (1975). Comparative study of ultrastructure morphology of some mouthparts of four haustoriid amphipods. *Canadian Journal of Zoology*. **53**: 408-417.
- 0111 Vernberg, F. J. (1974). The North Inlet Estuary; a functioning estuarine sanctuary. *Marine and Estuarine Sanctuaries*. M. P. Lynch, B. L. Laird and T. F. Smolen. Gloucester Point, Virginia, Virginia Institute of Marine Science. **Special Scientific Report No. 70**: 127-129.
- 0112 Pitts, G. V. and G. T. Cowley (1974). Mycoflora of the habitat and midgut of the fiddler crab, *Uca pugilator*. *Mycologia* LXV. **1(4)**: 669-675.
- 0113 Coull, B. C. (1976). On the two Laophontid harpacticoid copepods described by Wilson as *Laophonte capillata*, with keys to the genus *Paronychocamptus*. *Transactions of the American Microscopy Society*. **95**: 35-45.
- 0114 Sellner, B. W. (1976). Survival and metabolism of the harpacticoid copepod *Thompsonula hyaenae* fed on different diatoms *Hydrobiologia*. **50**: 233-238.
- 0115 Vernberg, F. J. (1974). A review: *Environmental Physiology* edited by N.G. Slonim, C.V. Mosby Co., St. Louis. BioScience.
- 0116 DeCoursey, P. J. (1979). Egg-hatching rhythms in three species of fiddler crabs *Proceedings, 13th European Marine Biology Symposium*. Oxford, England, Pergamon Press: 399-406.
- 0117 Kitchens, W. M. J., et al. (1975). The Santee Swamp as a nutrient sink . *Mineral Cycling in Southeastern Ecosystems* . F. G. Howell, J. B. Gentry and M. H. Smith , USAEC. **USAEC Symposium Series, CONF 740513** . : 349-366.
- 0118 Holland, A. F. and J. M. Dean (1977). The biology of the stout razor clam, *Tagelus plebeius* II. Some aspects of the population dynamics. *Chesapeake Science*. **18**: 188-196.
- 0119 Dean, J. M. (1976). Temperature of tissues in freshwater fishes *Transactions of the American Fisheries Society*. **105**: 709-711.
- 0120 Settlemire, J. L. and L. R. Gardner (1975). Low tide storm erosion in a salt marsh *Southeastern Geology*. **16**: 205-212.
- 0121 Radtke, R. L., et al. (1982). Morphology of the otoliths of the Atlantic blue marlin (

- Makaira nigricans*) and their possible use in age determination . Bulletin of Marine Science. **32**: 498-503.
- 0122 Dame, R. F. (1976). Energy flow in an intertidal oyster population Estuarine and Coastal Marine Science. **4**: 243-253.
- 0123 Vernberg, W. B. and F. J. Vernberg (1975). The physiological ecology of larval *Nassarius obsoletus* (Say). Proceedings of the Ninth European Marine Biology Symposium H. Barnes. Scotland, Aberdeen University Press: 179-190.
- 0124 Campbell, S. (1974). Duplin formation, Sumter County, South Carolina: A new locality South Carolina Geology Notes. **18**: 75-97.
- 0125 Dame, R. F. (1975). Day degree growth models for intertidal oysters Contributions in Marine Science. **19**: 107-112.
- 0126 Coull, B. C. and W. B. Vernberg (1975). Reproductive periodicity of marine meiobenthic copepods: Seasonal or continuous? Marine Biology. **32**: 289-293.
- 0127 Kjerfve, B. (1976). Santee-Cooper: A study of estuarine manipulations Estuarine Processes. M. L. Wiley. New York, Academic Press. **1**: 44-56.
- 0128 Sellner, K., et al. (1976). Interpretation of the ¹⁴C method of measuring the total annual production of phytoplankton in a South Carolina estuary. Botanica Marina. **19**: 119-125.
- 0129 Reimold, R. J. and W. H. Queen (1974). Ecology of Halophytes. New York, Academic Press
- 0130 Knowles, S. and R. G. Zingmark (1978). Mercury and temperature interactions on three species of freshwater phytoplankton. Journal of Phycology. **14**: 104-109.
- 0131 Stevenson, L. H. and C. Erkenbrecker (1976). Activity of bacteria in the estuarine environment. Estuarine Processes. M. L. Wiley. New York, Academic Press. **1**.
- 0132 Coull, B. C. and B. Dudley (1976). Delayed naupliar development of meiobenthic copepods. Biological Bulletin. **150**: 38-46.
- 0133 Kjerfve, B. (1976). Circulation and salinity distribution in coastal Louisiana bayous Contributions in Marine Science. **20**: 1-10.
- 0134 Lang, W. H. (1976). The larval development and metamorphosis of the pedunculate barnacle *Octolasmis mulleri* (Coker, 1902) reared in the laboratory. Biological Bulletin. **150**: 255-267.
- 0135 Vernberg, F. J., et al. (1977). Physiological Responses of Marine Biota to Pollutants New York, Academic Press.
- 0136 Zingmark, R. G. (1978). An Annotated Checklist of the Biota of the Coastal Zone of South Carolina . Columbia, South Carolina, University of South Carolina Press.
- 0137 Gardner, L. R. (1976). Exchange of nutrients and trace metals between marsh sediments and estuarine waters - A field study. Clemson, South Carolina, Water Resources Research Institute, Clemson University.
- 0138 Holland, A. F. and T. T. Polgar (1976). Seasonal changes in the structure of an intertidal community. Marine Biology. **37**: 341-348.
- 0139 Lonsdale, D. J. and B. C. Coull (1977). Composition and seasonality of zooplankton of North Inlet, South Carolina. Chesapeake Science. **18**: 272-283.
- 0140 Claybrook, D. (1976). Biosynthesis of amino acids from 3-(¹⁴C)-pyruvate in the fiddler crab *Uca pugilator*. Comparative Biochemistry and Physiology. **54B**: 63-68.
- 0141 Dean, J. M. (1975). The Potential Use of South Carolina Rice Fields for Aquaculture Columbia, South Carolina S.C. State Development Board.
- 0142 Ballard, G. S. (1975). The ecology of the rice field The Potential Use of Rice Fields for Aquaculture. J. M. Dean. Columbia, South Carolina S.C. Development Board: 3-12.
- 0143 Ballard, G. S. (1975). A consideration of oyster culture in old rice fields The Potential Use of Rice Fields for Aquaculture J. M. Dean. Columbia, South Carolina South Carolina Development Board: 13-17.

- 0144 Dean, J. M. and D. P. Middaugh (1975). Considerations for multiple species culture in rice fields The Potential Use of Rice Fields for Aquaculture J. M. Dean. Columbia, South Carolina South Carolina Development Board: 18-23.
- 0145 Fritz, G. (1975). Primary production in the water in the old rice field The Potential Use of Rice Fields for Aquaculture J. M. Dean. Columbia, South Carolina South Carolina Development Board: 24-35.
- 0146 Fritz, G. (1975). Measurement of the standing crop biomass The Potential Use of Rice Fields for Aquaculture. J. M. Dean. Columbia, South Carolina South Carolina Development Board: 36-40.
- 0147 Fritz, G. (1975). Use of infrared photography for vegetation analysis The Potential Use of Rice Fields for Aquaculture J. M. Dean. Columbia, South Carolina South Carolina Development Board: 41-50.
- 0148 Czyscinski, K. (1975). Acid water formation on marsh sediments The Potential Use of Rice Fields for Aquaculture J. M. Dean. Columbia, South Carolina South Carolina Development Board: 53-59.
- 0149 Burns, R. (1975). Analysis of diets of fish in the rice fields The Potential Use of Rice Fields for Aquaculture. J. M. Dean. Columbia, South Carolina South Carolina Development Board: 61-67.
- 0150 Dean, J. M. (1975). A consideration of principles of aquaculture for South Carolina The Potential Use of Rice Fields for Aquaculture J. M. Dean. Columbia, South Carolina South Carolina Development Board: 68-88.
- 0151 Coull, B. C., et al. (1977). Quantitative estimates of the meiofauna from the deep sea off North Carolina, USA. *Marine Biology*. **39**: 233-240.
- 0152 Erkenbrecker, C., et al. (1976). Computer-assisted analysis of adenosine triphosphate data *Journal of Applied Environmental Microbiology*. **32**: 451-454.
- 0153 Coull, B. C. (1976). A revised key to *Stenhelia* (DeLavalia) (Copepoda, Harpacticoida) including a new species from South Carolina, USA. *Zoological Journal of the Linnean Society of London*. **59**: 353-364.
- 0154 Vernberg, F. J., et al. (1976). Estuarine ecosystem studies with special emphasis on the North Inlet estuary, South Carolina. *Acad. Brasileira Ciencias*. **47**: 75-87.
- 0155 Vernberg, F. J. and W. B. Vernberg (1976). Ecological affinities of Brazil and the southeastern United State of America: A study in comparative physiological ecology *Acad. Brasileira Ciencias*. **47**: 69-74.
- 0156 Vernberg, F. J. (1976). Pollution effects on marine animals. *Acad. Brasileira Ciencias*. **47**: 89-93.
- 0157 Erkenbrecker, C. and L. H. Stevenson (1977). Factors related to the distribution of microbial biomass in salt marsh creeks *Marine Biology*. **40**: 121-125.
- 0158 Middaugh, D. P. and J. M. Dean (1977). Comparative sensitivity of eggs, larvae, and adults of the estuarine teleosts *Fundulus heteroclitus* and *Menidia menidia* to cadmium. *Bulletin of Environmental Contamination and Toxicology*. **17**: 645-652.
- 0159 Lang, W. and A. Young (1977). The larval development of *Clibanarius vittatus* (Bosc) (Crustacea: Decapoda: Diogenidae) reared in the laboratory. *Biological Bulletin*. **152**: 84-104.
- 0160 Vernberg, W. B., et al. (1977). Effects of sublethal concentrations of cadmium on adult *Palaemonetes pugio* under static and flow-through conditions *Bulletin of Environmental Contamination and Toxicology*. **17**: 16-24.
- 0161 Vernberg, W. B. and F. J. Vernberg (1976). Physiological adaptation of estuarine animals. *Oceanus*. **19**: 48-64.
- 0162 Ivester, M. S. (1977). Nematocyst differentiation in the anthozoan *Renilla reniformis* (Pallas). *Transactions of the American Microscopy Society*. **96**: 238-247.
- 0163 Dame, R. F., et al. (1977). The North Inlet marsh-estuarine ecosystem: A conceptual

- approach Helgolaender Wissenschaftliche Meeresuntersuchungen. **30**: 343-356.
- 0164 Vernberg, W. B., et al. (1977). Reliability of laboratory metabolic measurements of meiofauna. Journal of the Fisheries Research Board of Canada. **34**: 164-167.
- 0165 Vernberg, F. J. (1976). A review: Estuarine Research, Vol. 1. Chemistry, Biology, and Estuarine Systems. L.E. Cronin (ed.). Academic Press, New York Quarterly Review of Biology. **5**: 452-453.
- 0166 Coull, B. C. (1977). Ecology of Marine Benthos Belle W. Baruch Library in Marine Science Columbia, South Carolina, University of South Carolina Press. **no. 6**.
- 0167 Coull, B. C. and J. W. Fleeger (1977). A new species of *Pseudostenhelia*, and morphological variations in *Nannopus palustris* (Copepoda, Harpacticoida). Transactions of the American Microscopy Society. **96**: 332-340.
- 0168 Ivester, M. S. and B. C. Coull (1977). Niche fractionation studies of two sympatric species of *Enhydrosoma* (Copepoda, Harpacticoida). Mikrofauna der Meeresboden. **61**: 137-151
- 0169 Kjerfve, B. (1978). Diurnal energy balance of a Caribbean barrier reef environment Bulletin of Marine Science. **28**: 137-145.
- 0170 Vernberg, F. J. (1976). Physiological and biochemical adaptations Estuarine Processes. M. Wiley. New York, Academic Press. **1**: 333-334.
- 0171 Higgins, R. P. (1977). Two new species of *Echinoderes* (Kinorhyncha) from South Carolina Transactions of the American Microscopy Society. **96**: 340-354.
- 0172 Kjerfve, B. (1980). Measurements and analysis of water current, temperature, salinity, and density. Hydrology and Geology in Estuaries K. R. Dozer, Cambridge University Press: 186-225.
- 0173 Sikora, J. P., et al. (1977). The significance of ATP, carbon, and caloric content of meiobenthic nematodes in partitioning benthic biomass Marine Biology. **44**: 7-14.
- 0174 Dean, J. M. (1977). The South Carolina coastal environment: 1670-1977. Seaworld. **Fall 1977**:11-13.
- 0175 Vernberg, F. J., et al. (1977). Survival of larval and adult fiddler crabs exposed to Aroclor 1016 and 1254 and different temperature - salinity combinations Physiological Responses of Marine Biota to Pollutants. F. J. Vernberg, A. Calabrese, F. P. Thurberg and W.B. Vernberg. New York, Academic Press: 37-50.
- 0176 Johns, D. M. (1977). Larval development of the spider crab *Libinia emarginata* (Majidae). Fisheries Bulletin. **75**:831-841.
- 0177 Cavalieri, A. J. and A. Huang (1977). The effect of NaCl on the *in vitro* activity of malate dehydrogenase in salt marsh halophytes of the US. Physiologia Plantarum. **41**: 79-84.
- 0178 Boone, W. R. and D. L. Claybrook (1977). The effect of low salinity on amino acid metabolism in the tissues of the common mud crab, *Panopeus herbstii* (Milne-Edwards). Comparative Biochemistry and Physiology. **57A**: 99-106.
- 0179 Kjerfve, B. and J. E. Greer (1978). Hydrography of the Santee River during moderate discharge conditions. Estuaries. **1**: 111-119.
- 0180 Coull, B. C. and J. W. Fleeger (1977). Long-term temporal variation and community dynamics of meiobenthic copepods. Ecology. **58**: 1136-1143.
- 0181 Foskett, J. K. (1977). Osmoregulation in the larvae and adults of the grapsid crab *Sesarma reticulatum* Say. Biological Bulletin. **153**: 505-526.
- 0182 Crabtree Jr., S. J. and B. Kjerfve (1978). Radiation balance over a salt marsh. Boundary-Layer Meteorology. **14**:59-66.
- 0183 Middaugh, D. P., et al. (1978). Effect of thermal stress and total residual chlorination on early life stages of the mummichog, *Fundulus heteroclitus*. Marine Biology. **48**: 1-8.
- 0184 Stancyk, S. E. and P. L. Shaffer (1977). The salinity tolerance of *Ophiothrix angulata* (Say) (Echinodermata: Ophiuroidea) in latitudinally separate populations. Journal of Experimental Marine Biology and Ecology. **29**: 35-43.

- 0185 Young, A. M. (1978). Desiccation tolerances for three hermit crab species *Clibanarius vittatus* (Bosc), *Pagurus pollicaris* Say, and *P. longicarpus* Say (Decapoda, Anomura) in the North Inlet estuary, South Carolina, U.S.A. *Estuarine and Coastal Marine Science*. **6**: 117-122.
- 0186 Gardner, L. R. and W. Kitchens (1978). Sediment and chemical exchanges between salt marshes and coastal waters. *Transport Processes in Estuarine Environments*. Belle W. Baruch Library in Marine Science. B. Kjerfve. Columbia, South Carolina, University of South Carolina Press. **7**: 191-208.
- 0187 Stevenson, L. H. (1978). A case for bacterial dormancy in aquatic systems. *Microbial Ecology*. **4**: 127-133.
- 0188 Lang, W. (1979). The larval development of shallow water barnacles of the Carolinas (Cirripidea: Thoracica) with keys to naupliar stages. Washington, D.C., U.S. Department of Commerce, NOAA
- 0189 Anderson, G. (1977). The effects of parasitism on energy flow through laboratory shrimp population. *Marine Biology*. **42**: 239-251.
- 0190 Moore, W. S., et al. (1978). A technique for the removal of dissolved and dispersed hydrocarbons in bioassay effluents. *Environmental Science & Technology*. **12**: 595-596.
- 0191 Scott, G. and D. P. Middaugh (1978). Seasonal chronic toxicity of chlorination to the American oyster *Crassostrea virginica* (G.). *Water Chlorination. Environmental Impact and Health Effects*. R. L. Jolley. Ann Arbor, MI, Ann Arbor Science Publishers, Inc. **2**: 311-328.
- 0192 Vernberg, F. J., et al. (1977). The Dynamics of an Estuary as a Natural Ecosystem. I. Gulf Breeze, Florida. US Environmental Protection Agency.
- 0193 Coull, B. C. and E. W. Hogue (1978). A revision of *Apodopsyllus* (Copepods, Harpacticoida) including two new species and redescription. *Transactions of the American Microscopy Society*. **97**: 149-159.
- 0194 Dame, R. F. and F. J. Vernberg (1978). The influence of constant and cyclic acclimation temperature on the metabolic rates of *Panopeus herbstii* and *Uca pugnator*. *Biological Bulletin*. **154**: 188-197.
- 0195 William, R. R. and T. Bidleman (1978). Toxaphene degradation in estuarine sediment. *Journal of Agricultural and Food Chemistry*. **26**: 280.
- 0196 Oden, B. J. (1979). The freshwater littoral meiofauna in a South Carolina reservoir receiving thermal effluents. *Freshwater Biology*. **9**: 291-304.
- 0197 Kjerfve, B. (1978). Bathymetry as an indicator of net circulation in well mixed estuaries. *Limnology and Oceanography*. **23(4)**: 816-821.
- 0198 Levy, R. V. and B. C. Coull (1977). Feeding groups and size analysis of marine meiobenthic nematodes from South Carolina, U.S.A. *Vie et Milieu*. **27**: 1-12.
- 0199 Kjerfve, B. (1978). *Estuarine Transport Processes*. Belle W. Baruch Library in Marine Science. Columbia, South Carolina, University of South Carolina Press. **no. 7**.
- 0200 Vernberg, W. B. and P. DeCoursey (1977). Effect of Sublethal Metal Pollutants on the Fiddler Crab *Uca pugnator*. Narragansett, Rhode Island, US Environmental Protection Agency.
- 0201 Erkenbrecker, C. W. and L. H. Stevenson (1978). The transport of microbial biomass and suspended material in a high-marsh creek. *Canadian Journal of Microbiology*. **24**: 839-846.
- 0202 Scott, G. and W. B. Vernberg (1979). Seasonal effects of chlorine-produced oxidants on the growth, survival, and physiology of the American oyster, *Crassostrea virginica* (Gmelin). *Marine Pollution Functional Responses*. W. B. Vernberg, F. P. Thurberg, A. Calabrese and F. J. Vernberg. New York, Academic Press: 415-435.

- 0203 Vernberg, F. J. and S. U. Silverthorn (1979). Temperature and osmoregulation in aquatic species. Mechanisms of Osmoregulation in Aquatic systems. J. H. Thorp III and J. W. Gibbons. Washington, D.C. , US Department of Energy: 537-562.
- 0204 Vernberg, F. J. (1978). Multiple-factor and synergistic stresses in aquatic systems. Energy and Environmental Stress in Aquatic Systems. J. H. Thorp III and J. W. Gibbons. Washington, D.C. , US Department of Energy : 726-747.
- 0205 Vernberg, W. B., et al. (1978). Toxicity studies and the environmental impact assessment. Environmental Management. **12**: 245-248.
- 0206 Moore, R. H. (1978). Variations in the density of summer estuarine fish populations in Aransas Bay, Texas, 1966-1978. Estuarine and Coastal Marine Science. **6**: 495-501.
- 0207 Thistle, D. and B. C. Coull (1979). A revised key to *Stenhelia* (*Stenhelia*) (Copepoda: Harpacticoida) including two new species from the Pacific. Zoological Journal of the Linnean Society of London. **66**: 63-72.
- 0208 Vernberg, F. J. (1978). Book review of "Estuarine Processes, Vol. 1: Uses, Stresses, and Adaptation to the Estuary." Martin Wiley (ed.). Academic Press, New York. . BioScience. **28**: 206.
- 0209 Kjerfve, B., et al. (1978). Low-frequency response of estuarine sea level to non-local forcing. Estuarine Interactions. M. Wiley. New York, Academic Press: 497-513.
- 0210 Williams, D. F., et al. (1978). Periodic freshwater flooding and stagnation of the eastern Mediterranean Sea during the late Quaternary. Science. **201**: 252-254.
- 0211 Vernberg, F. J., et al. (1978). Metabolic response to thermal changes of adult fiddler crabs, *Uca pugilator* (Bosc), and the effect of PCB's. Marine Biology. **48**: 135-141.
- 0212 Mirkes, D. Z. , et al. (1978). Effects of cadmium and mercury on the behavioral responses and development of *Eurypanopeus depressus* larvae. Marine Biology. **47**: 143-147.
- 0213 Hogue, E. W. (1978). Spatial and temporal dynamics of a subtidal estuarine gastrotrich assemblage . Marine Biology. **49(3)**: 211-222.
- 0214 Moreira, G. S. and W. B. Vernberg (1978). Synergistic effects of environmental variables on the metabolism of the copepod *Euterpina acutifrons* from two different areas off the coast of Sao Paulo, Brazil . Fisheries Bulletin. **76**: 449-455.
- 0215 Smith, M. H., et al. (1977). Management implications of genetic variability in loggerhead and green sea turtles. XIIIth International Congress of Game Biologists. T. J. Peterle. Washington, D.C. , The Wildlife Society, Wildlife Management Institute: 302-312.
- 0216 Young, A. M. and T. L. I. Hazlett (1978). The effect of salinity and temperature on the larval development of *Clibanarius vittatus* (Bosc) (Crustacea: Decapoda: Diogenidae). Journal of Experimental Marine Biology and Ecology. **34**: 131-141.
- 0217 Bell, S. S. and B. C. Coull (1978). Field evidence that shrimp predation regulates meiofauna . Oecologia (Berlin). **35**:141-148.
- 0218 Brinson, B. and R. L. J. Cannon (1978). A geographical correlated data base system . Southeast A.C.M. Convention Proceedings. Atlanta, Georgia, Georgia State University.
- 0219 Weiss, R. E. and N. Watabe (1978). Studies on the biology of fish bone. II. Bone matrix changes during resorption . Comparative Physiology and Biochemistry. **61A**: 245-251.
- 0220 Yamada, J. and N. Watabe (1979). Studies on fish scale formation and resorption. I. Fine structure and calcification of the scales in *Fundulus heteroclitus* (Atheriniformes: Cyprinodontidae). Journal of Morphology. **159**: 49-65.
- 0221 Kitchens, W., et al. (1978). Development of a 'living' salt marsh ecosystem model: A microecosystem approach. Marsh-Estuarine Systems Simulation. Belle W. Baruch Library in Marine Science no. 8. . R. F. Dame. Columbia, South Carolina, University of South Carolina Press : 107-118.
- 0222 Bell, S. S., et al. (1978). Biogenetic structure and its effect on the spatial heterogeneity of meiofauna in a salt marsh. Journal of Experimental Marine Biology and Ecology. **35**:

- 99-107.
- 0223 Watabe, N. and P. L. Blackwelder (1980). Ultrastructure and calcium localization in the mantle epithelium of the freshwater gastropod *Pomacia paludosa* during shell regeneration . The Mechanisms of Biomineralization in Animals and Plants, Proceedings, 3rd International Biomineralization Symposium. M. Omori and N. Watabe. Tokyo, Tokai University Press; 131-144.
- 0224 Manzi, J. J. and R. G. Zingmark (1978). Phytoplankton. An Annotated Checklist of the Biota of the Coastal Zone of South Carolina. R. G. Zingmark. Columbia, South Carolina , University of South Carolina Press : 2-22.
- 0225 Shoemaker, A., et al. (1978). Free-living invertebrates, marine mollusks . An Annotated Checklist of the Biota of the Coastal Zone of South Carolina. R. G. Zingmark. Columbia, South Carolina , University of South Carolina Press : 123-135.
- 0226 Coull, B. C. (1978). Free-living invertebrates, Copepoda. An Annotated Checklist of the Biota of the Coastal Zone of South Carolina. R. G. Zingmark. Columbia, South Carolina, University of South Carolina Press : 154-157.
- 0227 Zullo, V. A. and W. H. Lang (1978). Free-living invertebrates, Cirripedia . An Annotated Checklist of the Biota of the Coastal Zone of South Carolina . R. G. Zingmark. Columbia, South Carolina , University of South Carolina Press : 158-160.
- 0228 Young, A. M. (1978). Free-living invertebrates, Decapoda. An Annotated Checklist of the Biota of the Coastal Zone of South Carolina. R. G. Zingmark. Columbia, South Carolina, University of South Carolina Press : 171-185.
- 0229 Fleeger, J. W. (1978). Free-living invertebrates, Tardigrada . An Annotated Checklist of the Biota of the Coastal Zone of South Carolina. R. G. Zingmark. Columbia, South Carolina , University of South Carolina Press : 224.
- 0230 Ruppert, E. and E. W. Hogue (1978). Free-living invertebrates, Gastrotricha . An Annotated Checklist of the Biota of the Coastal Zone of South Carolina . R. G. Zingmark. Columbia, South Carolina , University of South Carolina Press : 98-99.
- 0231 Stancyk, S. E. (1978). Free-living invertebrates, Phoronida . An Annotated Checklist of the Biota of the Coastal Zone of South Carolina. R. G. Zingmark. Columbia, South Carolina , University of South Carolina Press, : 225.
- 0232 Poole, K. T. (1978). Free-living invertebrates, Subphylum Vertebrata, Fisheries . An Annotated Checklist of the Biota of the Coastal Zone of South Carolina . R. G. Zingmark. Columbia, South Carolina , University of South Carolina Press, : 236-259.
- 0233 Stein, R. J., et al. (1978). The *Urquiola* Oil Spill (May 12, 1976): Observations of biological damage along the Spanish coast. Proceedings of the Conference on Assessment of Ecological Impacts of Oil Spills . Arlington, Virginia, American Institutes of Biological Sciences: 312-330.
- 0234 Shenker, J. M. and J. M. Dean (1979). The utilization of an intertidal salt marsh creek by larval and juvenile fishes: Abundance, diversity, and temporal variation. . *Estuaries*. **2**: 154-163.
- 0235 Hutcheson, M. (1979). Respiratory responses of excised gills of the stout razor clam, *Tagelus plebeius* Solander, to acute temperature changes throughout the year . *Comparative Biochemistry and Physiology*. **62A**: 661-667.
- 0236 Kjerfve, B. (1975). Book review of: "The Tides of Change: Peace, Pollution, and Potential of the Oceans" by E. M. Borgese and D. Kreiger (eds.). *AAAS Books and Films*. **11**: 123.
- 0237 Kjerfve, B. (1977). Case study: The Santee River, SC. The Environmental Impact of Freshwater Wetland Alterations on Coastal Estuaries. Atlanta, Georgia, Office of Planning and Research, Georgia Department of Natural Resources; 25-31.
- 0238 Kjerfve, B. (1977). Book review of Coastal Resource Use: Decisions on Puget Sound, R.L. Bish *et al.* *Science Books and Films*. **AAAS**. **12**: 0190.

- 0239 Kjerfve, B., et al. (1978). Epilogue: Where do we go from here? . Estuarine Transport Processes. Belle W. Baruch Library in Marine Science no. 7. B. Kjerfve. Columbia, South Carolina, University of South Carolina Press : 319-325.
- 0240 Brummett, A. R. and J. K. Dumont (1978). Kupffers vesicle in *Fundulus heteroclitus*: A scanning and transmission electron microscope study. Tissue & Cell. **10**: 11-22.
- 0241a Bidleman, T. F. (1979). The relationship between resolution and percent band overlap. Journal of Chemical Education. **56**: 293.
- 0241b Weiland, R. T., et al. (1979). Influence of freshwater intrusion on microbial biomass in salt marsh creeks. Estuaries. **2**: 126-129.
- 0243 Bell, S. S. (1979). Short- and long-term variations in a high marsh meiofaunal community . Estuarine and Coastal Marine Science. **9**: 331-350.
- 0244 Eyster, L. S. (1979). Reproduction and developmental variability in the opisthobranch *Tenellia pallida*. Marine Biology. **51**: 133-140.
- 0245 Reichgott, M. and L. H. Stevenson (1978). Microbiological and physical properties of salt marsh and microecosystem sediments. Applied and Environmental Microbiology. **36**: 662-667.
- 0246 Coull, B. C., et al. (1979). Zonation of meiobenthic copepods in a southeastern United States salt marsh. Estuarine and Coastal Marine Science. **9**: 181-188.
- 0247 Kitchens, W. M., Jr., (1979). Development of a salt marsh microecosystem . International Journal of Environmental Studies. **13**: 109-118.
- 0248 Cavalieri, A. J. and A. Huang (1979). Evaluation of proline accumulation in the adaptation of diverse species of marsh halophytes to the saline environment . American Journal of Botany. **66**: 307-312.
- 0249 Vernberg, W. B., et al. (1978). Marine Pollution: Functional Responses. New York, Academic Press.
- 0250 Mano, K. and N. Watabe (1979). Scanning electron microscope observations on the calcified layers of the ligament of *Mercenaria mercenaria* (L.) and *Brachidontes exustus* (L.) (Pelecypoda). Mineralization. **10**: 39-48.
- 0251 Coull, B. C. and S. S. Bell (1979). *Nitrocrella aestuarina* sp. & the male of *Mesochra mexicana* (Copepoda: Harpacticoida) from South Carolina salt marshes. Transactions of the American Microscopy Society. **98**: 219-224.
- 0252 Horn, T. D. (1978). The distribution of *Echinoderes coulli* (Kinorhyncha) along an interstitial salinity gradient . Transactions of the American Microscopy Society. **97** 586-589.
- 0253 Vernberg, F. J., et al. (1978). The Dynamics of an Estuary as a Natural Ecosystem, II. Gulf Breeze, Florida. , US Environmental Protection Agency
- 0254 Padgett, W. J., et al. (1977). A random differential equation approach to the probability distribution of BOD and DO in streams. SIAM Journal of Applied Mathematics. **32**: 467-483.
- 0255 Padgett, W. J., et al. (1977). A stochastic model for BOD and DO in streams when pollutants are discharged over a continuous stretch. International Journal of Environmental Studies. **11**: 45-55.
- 0256 Young, A. M. (1979). Differential utilization of gastropod shells by three hermit crab species in North Inlet, SC . Crustaceana. **5**: 101-104.
- 0257 Weiss, R. E. and N. Watabe (1979). Studies on the biology of fish bone. III. Ultrastructure of osteogenesis and resorption in osteocytic and anosteocytic (acellular) . Calcified Tissue International. **28**: 43-56.
- 0258 Stevenson, L. H., et al. (1979). The adenosine triphosphate assay: Conceptions and misconceptions . Proceedings of the Symposia on Native Aquatic Bacteria. . Philadelphia, Pennsylvania , American Society for Testing and Materials : 99-116.

- 0259 Watabe, N. and D. G. Dunkelberger (1979). Ultrastructural studies on calcification in various organisms . Scanning Electron Microscopy. **2**: 405-416.
- 0260 Young, A. M. (1979). Osmoregulation in three hermit crab species, *Clibanarius vittatus* (Bosc), *Pagurus longicarpus* Say and *P. pollicaris* Say (Crustacea: Decapoda: Anomura). Comparative Biochemistry and Physiology. **63A**: 377-382.
- 0261 Bildstein, K. L. , et al. (1982). Size and structure of a South Carolina salt marsh avian community . Wetland. **2**: 118-137.
- 0262 Dame, R. F. (1979). The abundance, diversity, and biomass of macrobenthos on North Inlet, South Carolina, intertidal oyster reefs. Proceedings, National Shellfisheries Association. **69**: 6-10.
- 0263 Christensen, E. J. , et al. (1979). A comparison of dry and wet surfaces for collecting organochlorine dry deposition . Bulletin of Environmental Contamination and Toxicology. **23**: 196-202.
- 0264 Dunkelberger, D. G. , et al. (1980). The ultrastructure of the otolith membrane and otolith in the juvenile mummichog, *Fundulus heteroclitus*. . Journal of Morphology. **163**: 367-377.
- 0265 Shaffer, P. (1979). The feeding biology of *Podarke pugettensis*. Biological Bulletin. **156**: 343-355.
- 0266 Chrzanowski, T., et al. (1979). Adenosine 5'-triphosphate flux through the North Inlet marsh system. Applied and Environmental Microbiology. **37**: 841-848.
- 0267 Lawrence, D. R. (1979). Valve sorting in *Dinocardium* at North Inlet, South Carolina. Division of Geology, South Carolina State Development Board. Geologic Notes. **23(1)**: 50-59.
- 0268 Moore, R. and R. R. Reis (1983). Analysis of spatial and temporal variation in biomass and community structure of motile organisms in Town Creek, a South Carolina tidal pass . Contributions in Marine Science. **26**: 111-125.
- 0269 Kjerfve, B., et al. (1982). Tides at Carrie Bow Bay, Belize. Smithsonian Contributions in Marine Science. **12**: 47-51.
- 0270 Greer, J. E. and B. Kjerfve (1982). Water currents adjacent to Carrie Bow Cay, Belize. Contributions in Marine Science. **12**: 53-58.
- 0271 Kjerfve, B. (1982). Water exchange across the reef crest at Carrie Bow Cay, Belize. Smithsonian Contributions in Marine Science. **12**: 59-62.
- 0272 Eyster, L. S. (1980). Distribution and reproduction of shell-less opisthobrachs from South Carolina . Bulletin of Marine Science. **30**: 580-599.
- 0273 Kjerfve, B. and J. A. Proehl (1979). Velocity variability in a cross section of a well-mixed estuary. Journal of Marine Research. **37**: 409-418.
- 0274 Fleeger, J. W. (1979). Population dynamics of three estuarine meiobenthic harpacticoids (Copepoda) in South Carolina . Marine Biology. **52**: 147-156.
- 0275 Radtke, R. L. (1978). Aberrant sagittae from larval striped bass, *Morone saxatilis*. Copeia. **4**: 712-713.
- 0276 Coull, B. C. and S. S. Bell (1979). Perspectives of marine meiofaunal ecology. Ecological Processes in Coastal and Marine Ecosystems. R. J. Livingston. New York, Plenum Press : 189-216.
- 0277 Chrzanowski, T. and L. H. Stevenson (1979). Material fluxes through the North Inlet marsh system: Short-term temporal fluctuations of fungi and related parameters. Mycologia. **71** 958-967.
- 0278 Simon, C. and T. Bidleman (1979). Sampling airborne polychlorinated biphenyls with polyurethane foam - A chromatographic approach to determining retention efficiency Analytical Chemistry. **51**: 1110-1113.
- 0279 Williams, D. F. and B. H. Corliss (1982). The South Australian continental margin and the Australian-Antarctic sector of the Southern Ocean. The Ocean Basins and Margins - The Indian Ocean. A. E. M. Nairn and F. G. Stehli. New York, Plenum Press. **6**: 545-

583.

- 0280 Ullman, W. J. and R. C. Aller (1983). Rates of iodine remineralization in terrigenous near-shore sediments. *Geochemica et Cosmochemica Acta*. **47**: 1423-1432.
- 0281 Kjerfve, B., et al. (1979). Formation of deep scour holes at the junction of tidal creeks: An hypothesis. *Marine Geology*. **33**: M9-M14.
- 0282 Grant, J. (1979). Dessication tolerance of *Eurypanopeus depressus* (Smith) (Decapoda: Xanthidae) and the exploitation of microhabitat. *Estuaries*. **2**: 172-177.
- 0283 Middaugh, D., et al. (1980). Toxicological and physiological responses of the fish *Leiostomus xanthurus*, exposed to chlorine-produced oxidants. *Estuaries*. **3**: 132-114.
- 0284 Aller, R. C., et al. (1983). Comparative biogeochemistry of water in intertidal *Onuphis* (Polychaeta) and *Upogebia* (Crustacea) burrows: Temporal patterns and causes. *Journal of Marine Research*. **41**: 571-604.
- 0285 Onozato, H. and N. Watabe (1979). Studies on fish scale formation and resorption. III. Fine structure and calcification of the fibrillary plates of the scales in *Carassius auratus* (Cypriniformes: Cyprinidae). *Cell & Tissue Research*. **201**: 409-422.
- 0286 Harder, H. W., et al. (1980). Rainfall input of toxaphene to a South Carolina estuary. *Estuaries*. **3**: 142-147.
- 0287 Lang, W. H. and A. M. Young (1980). Larval development of *Hypoconcha sabulosa* (Decapoda: Dromiidae). *Fisheries Bulletin*. **77**: 851-863.
- 0288 Eyster, L. S. and S. E. Stancyk (1981). Reproduction, growth and trophic interactions of *Doriopsilla pharpa* Marcus in South Carolina. *Bulletin of Marine Science*. **31**: 72-82.
- 0289 Fleeger, J. (1980). Community structure of an estuarine meiobenthic copepod assemblage. *Estuarine and Coastal Marine Science*. **10**: 107-118.
- 0290 Coull, B. C. (1980). Shallow water marine biological research. *Advanced Concepts in Ocean Measurements for Marine Biology*. Belle W. Baruch Library in Marine Science F. P. Diemer, F. J. Vernberg and D. Z. Mirkes. Columbia, South Carolina. , University of South Carolina Press. **10**. ; 275-284.
- 0291 Radtke, R. L. and J. M. Dean (1979). Feeding, conversion efficiencies and growth of larval mummichogs, *Fundulus heteroclitus*. *Marine Biology*. **55**: 231-237.
- 0292 Bidleman, T. F. and E. Christensen (1979). Atmospheric removal processes for high molecular weight organochlorines. *Journal of Geophysical Research*. **82(c-12)**: 7857-7862.
- 0293 Haschemeyer, A. and M. Smith (1979). Protein synthesis in liver, muscle, and gill of mullet (*Mugil cephalus* L) in vivo. *Biological Bulletin*. **136**: 93-102.
- 0294 Stancyk, S. E., et al. (1980). Nesting activity of the Loggerhead turtle, *Caretta caretta*, in South Carolina: II. Protection of nests from raccoon predation by transplantation. *Biological Conservation*. **18**: 289-298.
- 0295 Vernberg, F. J. and R. Dame (1981). Crustacean energetics. *Physiology and Biochemistry of Adaptations in Marine Animals*, Proceedings, XIV Pacific Science Congress. A. V. Zhirmunsky, S. L. Kondrashev, V. E. Vaskovsky and F.J. Vernberg, Academy of Sciences of the USSR, Vladivostock, USSR : 9-16.
- 0296 Levey, R., et al. (1980). Comparison of bed form variance spectra within a meander bend during flood and average discharges. *Journal of Sedimentary Petrology*. **50**: 149-155.
- 0297 Higgins, R. and J. Fleeger (1980). Seasonal changes in the population structure of *Echinoderes coulli* (Kinorhyncha). *Estuarine and Coastal Marine Science*. **10**: 495-505.
- 0298 D'Apolito, L. and S. Stancyk (1979). Population dynamics of *Euterpina acutifrons* (Copepoda: Harpacticoida) from North Inlet, South Carolina, with reference to dimorphic males. *Marine Biology*. **54**: 251-260.
- 0299 Young, A. (1979). Osmoregulation in larvae of the striped hermit crab *Clibanarius vittatus* (Bosc) (Decapoda: Anomura; Diogenidae). *Estuarine and Coastal Marine Science*. **9**:

- 595-601.
- 0300 Dauer, D. and W. Conner (1980). Effects of moderate sewage input on benthic polychaete populations. *Estuarine and Coastal Marine Science*. **10**: 335-346.
- 0301 Summers, J. K. and H. N. McKellar, Jr. (1979). A simulation model of estuarine subsystem coupling and carbon exchange of the sea. I. Model structure. *State-of-the-Art in Ecological Modelling*. S. E. Jorgensen. Tarrytown, New York, Pergamon Press: 323-365.
- 0302 Bell, S. S. (1980). Meiofauna-macrofauna interactions in a high salt marsh habitat. *Ecological Monographs*. **50**:487-505.
- 0303 Bell, J. L. and S. E. Stancyk (1983). Population dynamics and reproduction of *Dissodactylus mellitae* (Brachyura: Pinnotheridae) on its sand dollar host, *Mellita quinquiesperforata* (Echinodermata). *Marine Ecology Progress Series*. **13**: 141-149.
- 0304 Mayer, G. F., et al. (1982). *Ecological Stress and the New York Bight: Science and Management*. Washington, DC Estuarine Research Federation.
- 0305 Williams, D. F., et al. (1979). Seasonal oxygen isotopic variations in living planktonic foraminifera off Bermuda. *Science*. **206**: 447-449.
- 0306 Burnett, L. (1979). The effects of environmental oxygen levels on the respiratory function of hemocyanin in the crabs *Libinia emarginata* and *Ocypode quadrata*. *Journal of Experimental Zoology*. **210** 289-300.
- 0307 Chrzanowski, T. H. and L. H. Stevenson (1980). Filamentous fungal propagules as potential indicators of sediment-detritus resuspension. *Botanica Marina*. **23**: 251-256.
- 0308 Coull, B. C. and Z. Zo (1980). Revision of *Laophontina* (Copepoda, Harpacticoida), including three new species and a key. *Transactions of the American Microscopy Society*. **99**: 32-43.
- 0309 Schwing, F. B. and B. Kjerfve (1980). Longitudinal characteristics of a tidal marsh creek separating two hydrographically distinct estuaries. *Estuaries*. **3**: 236-241.
- 0310 Jobson, D. J., et al. (1980). Remote sensing of benthic microalgal biomass with a tower-mounted multi-spectral scanner. *Remote Sensing of the Environment*. **9**: 351-362.
- 0311 Cowley, G. and T. Chrzanowski (1980). Yeasts in the habitat and nutrition of *Uca pugnator*. *Botanica Marina*. **23**:397-403.
- 0312 Gardner, L. R. and M. Bohn (1980). Geomorphic and hydraulic evolution of tidal creeks on a subsiding beach ridge plain, North Inlet, SC. *Marine Geology*. **34(3-4)**: 91-97.
- 0313 Talbert, O. R., et al. (1980). Nesting activity of the loggerhead turtle in South Carolina: I. A rookery in transition. *Copeia*. **4**: 709-718.
- 0314 Young, A. (1980). The temperature-salinity tolerances of three hermit crab species, *Clibanarius vittatus* (Bosc), *Pagurus longicarpus* Say, *Pagurus pollicaris* Say (Crustacea: Decapoda: Anomura). *Ophelia*. **19**: 27-35.
- 0315 Reis, R. R. and J. Dean (1981). Temporal variation in the utilization of an intertidal creek by the bay anchovy (*Anchoa mitchilli*). *Estuaries*. **4**: 16-23.
- 0316 Brummet, A. and J. Dumont (1979). Initial stages of sperm penetration into the egg of *Fundulus heteroclitus*. *Journal of Experimental Zoology*. **210**: 417-434.
- 0317 Stancyk, S. E. (1982). Non-human predators of sea turtles and their control. *Biology and Conservation of Sea Turtles*. Washington, D.C, Smithsonian Institution Press. **Proc. World Conference on Sea Turtle Conservation**: 139-152.
- 0318 Stevenson, L. H., et al. (1980). Short-term fluxes through major outlets of the North Inlet marsh in terms of adenosine 5'-triphosphate. *Estuarine and Wetland Processes*. P. Hamilton and K. B. MacDonald. New York, Plenum Press: 355-369.
- 0319 Kjerfve, B. and H. N. McKellar Jr. (1980). Time series measurements of estuarine material fluxes. *Estuarine Perspectives*. V. S. Kennedy. New York, Academic Press : 341-357.
- 0320 Dumont, J. N. and A. R. Brummet (1980). The vitelline envelope, chorion, and micropyle

- of *Fundulus heteroclitus* eggs. Gamete Research. **3**: 25-44.
- 0321 Dame, R. F., et al. (1980). Filter feeder coupling between the estuarine water column and benthic subsystems. Estuarine Perspectives. V. S. Kennedy. New York, Academic Press : 521-526.
- 0322 Dame, R. F. (1979). Marsh-Estuarine Systems Simulation. Belle W. Baruch Library in Marine Science. Columbia, SC, University of South Carolina Press. **no. 8**.
- 0323 Vernberg, F. J., et al. (1980). Conference on Oil Tanker Transportation Columbia, SC, Belle W. Baruch Institute for Marine Biology and Coastal Research, University of South Carolina.
- 0324 Grant, J. (1980). A flume study of drift in marine infaunal amphipods (Haustoriidae). Marine Biology. **56**: 79-84.
- 0325 Ullman, W. and R. Aller (1980). Dissolved iodine flux from estuarine sediments and implications for the enrichment of iodine at the sediment-water interface. Geochimica et Cosmochimica Acta. **44**: 1177-1184.
- 0326 Vernberg, F. J. (1981). Benthic macrofauna. Functional Adaptations of Marine Organisms. F. J. Vernberg and W.B. Vernberg. New York, Academic Press : 179-181.
- 0327 Williams, D. F. and N. Healy-Williams (1980). Oxygen isotopic-hydrographic relationships among recent planktonic foraminifera from the Indian Ocean. Nature. **283**: 848-852.
- 0328 Palmer, M. A., et al. (1980). Tidal analysis and prediction in a South Carolina estuary. Contributions in Marine Science. **23**: 17-23.
- 0329 Sherman, K. and B. Coull (1980). The response of meiofauna to sediment disturbance. Journal of Experimental Marine Biology and Ecology. **46**: 59-71.
- 0330 Chrzanowski, T. H., et al. (1981). Variability in total microbial biomass measurements made in cross-sections of salt-marsh creeks. Marine Geology. **40**: 155-170.
- 0331 Billings, W. and T. Bidleman (1980). Field comparison of polyurethane foam Tenax-GC resin for high volume air sampling of chlorinated hydrocarbons. Environmental Science and Technology. **14**: 679-683.
- 0332 Olson, O. and N. Watabe (1980). Studies on formation and resorption of fish scales IV Ultrastructure of developing scales in newly-hatched fry of the sheepshead minnow *Cyprinodon variegatus* (Atheriniformes: Cyprinodontidae). Cell & Tissue Research. **211**: 303-316.
- 0333 Thunell, R. C. (1981). Late miocene-early pliocene planktonic foraminiferal biostratigraphy and paleoceanography of low latitude marine sequences. Marine Micropaleontology. **6**: 71-90.
- 0334 Kahn, M. I. and D. F. Williams (1981). Oxygen and carbon isotopic composition of living planktonic foraminifera from the Northeast Pacific Ocean. Palaeogeography, Palaeoclimatology, and Palaeoecology. **33**: 47-69.
- 0335 Williams, D. F., et al. (1981). Oxygen and carbonic isotopic fractionation and algal symbiosis in the benthic foraminiferan *Heterostegina depressa*. Palaeogeography, Palaeoclimatology, and Palaeoecology. **33**: 231-251.
- 0336 Thunell, R. C. and S. Honjo (1981). Planktonic foraminiferal flux to the deep ocean: Sediment trap results from the tropical Atlantic and the central Pacific. Marine Geology. **40**: 237-253.
- 0337 Kjerfve, B., et al. (1981). Estimation of material fluxes in an estuarine cross-section: A critical analysis of spatial measurement density and errors. Limnology and Oceanography. **26**: 325-335.
- 0338 Kjerfve, B. (1981). Tides of the Caribbean Sea. Journal of Geophysical Research. **86(C-5)**: 4243-4247.
- 0339 Coull, B. C. and M. A. Palmer (1980). *Heteropsyllus* (Copepoda, Harpacticoida). A revised key including a new species from Chesapeake Bay. Transactions of the American Microscopy Society. **99**: 303-309.

- 0340 Summers, J. K., et al. (1980). A simulation model of estuarine subsystem coupling and carbon exchange with the sea. II. North Inlet model structure, output, and validation. *Ecological Modelling*. **11(2)**: 101-140.
- 0341 Bozeman Jr., E. L. and J. M. Dean (1980). The abundance of estuarine larval and juvenile fish in a South Carolina intertidal creek. *Estuaries*. **3**: 89-97.
- 0342 Palmer, M. and B. Coull (1980). The prediction of development rate and the effect of temperature for the meiobenthic copepod, *Microarthridion littorale* (Poppe). *Journal of Experimental Marine Biology and Ecology*. **48**: 73-83.
- 0343 Gulka, G., et al. (1980). Toxicity and molt-accelerating effects of diflubensuron on the barnacle, *Balanus eberneus*. *Environmental Contamination and Toxicology*. **25**: 477-481.
- 0344 Wilson, C. A. and L. H. Stevenson (1980). The dynamics of the bacterial population associated with a salt marsh. *Journal of Experimental Marine Biology and Ecology*. **48**: 123-138.
- 0345 Erkenbrecker, C. W. and L. H. Stevenson (1980). Tidal and diel fluctuation in the temporal concentration of chlorophyll *a* and phaeophytin at a station monitoring a high-marsh creek. *Journal of Experimental Marine Biology and Ecology*. **48**: 253-261.
- 0346 Scott, G. I., et al. (1980). Physiological effects of chlorine produced oxidants and uptake of chlorination by-products in the American oyster, *Crassostrea virginica* (Gmelin). *Water Chlorination, Environmental Impact and Health Effects*. R. L. Jolley, W. Brungs, R. B. Comming and V. A. Jacobs Ann Arbor, Michigan, Oliver Science Publishers. **III**: 501-516.
- 0347 Miller, J. L. and L. R. Gardner (1981). Sheet flow in a salt marsh basin, North Inlet, SC. *Estuaries*. **4**: 234-237.
- 0348 Wilson, C., et al. (1981). The contribution of bacteria to the total adenosine triphosphate extracted from the microbiota in the water of a salt marsh creek. *Journal of Experimental Marine Biology and Ecology*. **50**: 183-195.
- 0349 Ivester, M. S. (1980). The distribution of meiobenthic copepods along a sediment gradient: Factor and niche analysis. *Bulletin of Marine Science*. **30**: 634-664.
- 0350 Bidleman, T. F. (1981). Interlaboratory analysis of high molecular weight organochlorines in ambient air. *Atmospheric Environment*. **15**: 619-624.
- 0351 Bargar, T. W. (1980). An ultrastructural study of the salivary gland of the mud-snail, *Ilyanassa obsoleta*. *Bulletin of the American Malacological Union*. **8**: 48-54.
- 0352 Grant, J. (1981). Factors affecting the occurrence of intertidal amphipods in reducing sediments. *Journal of Experimental Marine Biology and Ecology*. **49**: 203-216.
- 0353 Grant, J. (1981). Dynamics of competition among estuarine sand-burrowing amphipods. *Journal of Experimental Marine Biology and Ecology*. **49**: 255-265.
- 0354 Stevenson, L. H., et al. (1981). Temporal fluctuations in the density of filamentous fungal propagules in the water of a high-marsh creek. *Mycologia*. **73**: 274-281.
- 0355 Middaugh, D. P. (1981). Reproductive ecology and spawning periodicity of the Atlantic silverside, *Menidia menidia*. *Copeia*. **4**: 766-776.
- 0356 Palmer, M. (1980). Variation in life history patterns between intertidal and subtidal populations of the meiobenthic copepod, *Microarthridion littorale*. *Marine Biology*. **60**: 159-165.
- 0357 Findlay, S. E. G. (1981). Small-scale spatial distribution of meiofauna on a mud- and sandflat. *Estuarine and Coastal Marine Science*. **12**: 472-484.
- 0358 Thunell, R. C. and S. Honjo (1981). Calcite dissolution and the modification of planktonic and foraminiferal assemblages. *Marine Micropaleontology*. **6**: 169-182.
- 0359 Stevenson, L. H., et al. (1981). The assay of adenosine 5'-triphosphate extracted from salt-marsh microbiota. *Canadian Journal of Microbiology*. **27**: 633-635.
- 0360 Mugiya, Y., et al. (1981). Diurnal rhythm in otolith formation in the goldfish *Carassius*

- auratus*. Comparative Biochemistry and Physiology. **68A**: 659-662.
- 0361 Bell, S. S. and B. C. Coull (1980). Experimental evidence for a model of juvenile macrofauna-meiofauna interactions. Marine Benthic Dynamics, Belle W. Baruch Library in Marine Science. K. Tenore and B. C. Coull. Columbia, South Carolina, University of South Carolina Press. **11**: 179-192.
- 0362 Scott, G. I. and D. R. Lawrence (1982). The American oyster as a coastal zone pollution monitor: A pilot study. Estuaries. **5**: 40-46.
- 0363 Lawrence, D. R. and G. I. Scott (1982). The determination and use of condition index of oysters. Estuaries. **5**:23-27.
- 0364 Vernberg, F. J. and A. V. Zhirmunsky (1980). Proceedings of the Workshop on Joint USSR-USA Research Program on Physiology and Biochemistry of Marine Animals. Columbia, SC, Belle W. Baruch Institute for Marine Biology and Coastal Research, University of South Carolina.
- 0365 Vernberg, F. J. (1981). Comparative studies of tropical and temperate zone coastal systems. Bulletin of Marine Science. **31**: 801-808.
- 0366 Bergin, M. (1981). Hatching rhythms in *Uca pugilator* (Decapoda: Brachyura). Marine Biology. **63**: 151-158.
- 0367 Crabtree, R. E. and D. P. Middaugh (1982). Oyster shell size and selection of spawning by *Chasmodes bosquianus*, *Hypleurochilus geminatus*, *Hypsoblennius ionphas* (Pisces, Blenniidae) and *Gogiosoma bosci* (Pisces, Gobiidae) into South Carolina estuaries. Estuaries. **5**: 150-155.
- 0368 Montagna, P. (1980). A new species and a new genus of Cerviniidae (Copepoda: Harpacticoida) from the Beaufort Sea, with a revision of the family. Proceedings of the Biological Society of Washington. **93**: 1204-1219.
- 0369 Crabtree, R. E. and J. M. Dean (1982). The structure of two South Carolina estuarine tide pool fish assemblages. Estuaries. **5**: 2-9.
- 0370 Palmer, M. A. and R. Brandt (1981). Tidal variation in the sediment densities of marine benthic copepods. Marine Ecology Progress Series. **4**: 207-212.
- 0371 Thunell, R. C., et al. (1981). Calcite dissolution: An in situ study in the Panama Basin. Science. **212**: 659-661.
- 0372 Hilbish, T. J. (1981). Latitudinal variation in freezing tolerance of *Melampus bidentatus* (Say) (Gastropoda: Pulmonata). Journal of Experimental Marine Biology and Ecology. **52**: 283-297.
- 0373 Johns, D. M. (1981). Physiological studies on *Cancer irroratus* larvae. I. Effects of temperature and salinity on survival, development rate and size. Marine Ecology Progress Series. **5**: 75-83.
- 0374 Thunell, R. C. (1981). Cenozoic paleotemperature changes and planktonic foraminiferal speciation. Nature. **289**: 670-672.
- 0375 Zingmark, R. (1980). Book review of Marine Algae of Virginia. Estuaries. **3**: 324-325.
- 0376 Healy-Williams, N. and D. F. Williams (1981). Fourier analysis of test shape of planktonic foraminifera. Nature. **289**: 485-487.
- 0377 Middaugh, D. P., et al. (1981). Reproductive behavior of the Atlantic silversides *Menidia menidia*. Environmental Biology of Fishes. **6(3-4)**: 269-276.
- 0378 Grant, J. (1981). A bioenergetic model of shorebird predation on infaunal amphipods. OIKOS. **37**: 53-62.
- 0379 Findlay, S. E. G. (1982). Influence of sampling scale on apparent distribution of meiofauna on a sandflat. Estuaries. **5**: 322-324.
- 0380 Coull, B. C., et al. (1982). Meiofauna of the Southeastern United States continental shelf. Bulletin of Marine Science. **32**: 139-150.
- 0381 Gulka, G., et al. (1982). Histopathological effects of diflubenzuron on the cirripede crustacean, *Balanus eburneus*. Archives of Environmental Contamination and

- Toxicology. **11**: 11-16.
- 0382 Coull, B. C. and J. Grant (1981). Encystment discovered in a marine copepod. *Science*. **212**: 342-344.
- 0383 Thunell, R. C. and D. F. Williams (1983). Paleotemperature and paleosalinity history of the eastern Mediterranean during the Late Quaternary. *Palaeogeography, Palaeoclimatology, and Palaeoecology*. **44**: 23-39.
- 0384 Bidleman, T. F., et al. (1981). Aerial deposition of organochlorines in urban and coastal South Carolina. *Atmospheric Input of Pollutants to Natural Waters*. S. J. Eisenreich. Ann Arbor, Michigan, Ann Arbor Press : 481-508.
- 0385 Summers, J. K. and H. N. McKellar Jr. (1981). A sensitivity analysis of an ecosystem model of estuarine carbon flow. *Ecological Modelling*. **13**: 283-301.
- 0386 Summers, J. K. (1982). The effects of tidal remixing on net exchange between estuarine and coastal waters. *International Society of Ecological Modelling Journal*. **4(3-4)**: 127-137.
- 0387 Dame, R. F. and B. C. Patten (1981). Analysis of energy flows in an intertidal oyster reef. *Marine Ecology Progress Series*. **5**: 115-124.
- 0388 Bildstein, K. L. (1980). A lightweight portable tower for observing wildlife. *Wildlife Society Bulletin*. **8**: 351-352. 0389 Williams, D. F., et al. (1981). Seasonal isotopic variations in living planktonic foraminifera from Bermuda plankton tows. *Palaeogeography, Palaeoclimatology, and Palaeoecology*. **33**: 71-102.
- 0390 Radtke, R. L. and J. M. Dean (1982). Increment formation in the otoliths of embryos, larvae and juveniles of the mummichog (*Fundulus heteroclitus*). *Fisheries Bulletin*. **80**: 201-215.
- 0391 Turner, K. and T. A. Lyerla (1980). Electrophoretic variation in sympatric mud crabs from North Inlet, South Carolina. *Biological Bulletin*. **159**: 418-427.
- 0392 Cavalieri, A. J. and A. H. C. Huang (1981). Accumulation of proline and glycinebetaine in *Spartina alterniflora* Loisel in response to NaCl and nitrogen in the marsh. *Oecologia*. **49**: 224-228.
- 0393 Vernberg, F. J. (1982). In-shore ecosystem and biochemical studies and data collection. *Processes in Marine Remote Sensing, PRIMARS-1*. Belle W. Baruch Library in Marine Science. F. J. Vernberg and F. P. Diemer. Columbia, South Carolina, University of South Carolina Press: 41-50.
- 0394 Vernberg, F. J. and W. B. Vernberg (1981). *Functional Adaptations of Marine Organisms*. New York, Academic Press.
- 0395 Caine, E. A. and E. W. S. Hull (1981). The effects of dredging salt marsh creeks. Columbia, South Carolina, Belle W. Baruch Institute, University of South Carolina.
- 0396 Alon, N. C. and J. M. Dean (1980). Production guidelines for crawfish farming in South Carolina. Columbia, South Carolina, Belle W. Baruch Institute, University of South Carolina.
- 0397 Radtke, R. L. and J. M. Dean (1981). Morphological features of the otoliths of the sailfin, *Istiophorus platypterus*, useful in age determination. *Fisheries Bulletin*. **79**: 360-367.
- 0398 Montagna, P. (1982). Morphological adaptation in the deep-sea benthic harpacticoid family Cerviniidae. *Crustacea*. **42**:37-43.
- 0399 Grant, J. (1981). Sediment transport and disturbance in an intertidal sandflat: Infaunal distribution and colonization. *Marine Ecology Progress Series*. **6**: 249-255.
- 0400 Bidleman, T. F., et al. (1981). Atmospheric transport of organochlorine in the North Atlantic Gyre. *Journal of Marine Research*. **39**: 443-464.
- 0401 Thunell, R. C. and D. F. Williams (1982). Paleoceanographic events associated with Termination II in the Eastern Mediterranean. *Oceanologica Acta*. **5**: 229-233.
- 0402 Vernberg, F. J., et al. (1981). *Biological Monitoring of Marine Pollutants*. New York, Academic Press.

- 0403 Vernberg, F. J. and W. B. Vernberg (1981). Introduction. Functional Adaptations of Marine Organisms. F. J. Vernberg and W. B. Vernberg. New York, Academic Press : 1-7.
- 0404 Stevenson, L. H. and T. H. Chrzanowski (1981). Marine bacteria. Functional Adaptations of Marine Organisms. F.J. Vernberg and W. B. Vernberg. New York, Academic Press : 71-80.
- 0405 Vernberg, W. B. and B. C. Coull (1981). Meiofauna. Functional Adaptations of Marine Organisms. F. J. Vernberg and W. B. Vernberg. New York, Academic Press : 147-172.
- 0406 Vernberg, F. J. and F. Diemer (1982). Processes in Marine Remote Sensing, PRIMARS-1. Belle W. Baruch Library in Marine Science Columbia, South Carolina, University of South Carolina Press. **no. 12**.
- 0407 Westcott, J. W. and T. F. Bidleman (1981). Determination of polychlorinated biphenyl vapor pressures by capillary gas chromatography. *Journal of Chromatography*. **210**: 331-336.
- 0408 Watabe, N., et al. (1982). Scanning electron microscope observations of the organic matrix in the otolith of the teleost fish *Fundulus heteroclitus* (Linnaeus) and *Tilapia nilotica* (Linnaeus). *Journal of Experimental Marine Biology and Ecology*. **58**: 127-134.
- 0409 Coull, B. C., et al. (1981). Nematode/copepod ratios for monitoring pollution: A rebuttal. *Marine Pollution Bulletin*. **12**: 378-381.
- 0410 Eyster, L. S. (1981). Observations on the growth, reproduction, and feeding of the nudibranch *Armina tigrina*. *Journal of Molluscan Studies*. **47**: 171-181.
- 0411 Williams, D. F., et al. (1981). Role of glacial Arctic Ocean ice sheets in Pleistocene oxygen isotope and sea level records. *Earth and Planetary Science Letters*. **56**: 157-166.
- 0412 Christy, R. L., et al. (1981). A preliminary analysis of energy flow in a South Carolina marsh: Wading birds. *Colonial Waterbirds*. **4**: 96-103.
- 0413 Burdick, N. F. and T. F. Bidleman (1981). Frontal movement of hexachlorobenzene and polychlorinated biphenyl vapors through polyurethane foam. *Analytical Chemistry*. **53**: 1926-1929.
- 0414 DeCoursey, P. J. (1983). Biological timing. *Biology of Crustacea*. F. J. Vernberg and W. B. Vernberg. New York, Academic Press. **7**: 107-162.
- 0415 Coull, B. C. and J. B. J. Wells (1981). Density of mud-dwelling meiobenthos from three sites in the Wellington region. *New Zealand Journal of Marine and Freshwater Research*. **15**: 411-415.
- 0416 Westcott, J. W., et al. (1981). Determination of polychlorinated biphenyl vapor pressures by a semimicro gas saturation method. *Environmental Science and Technology*. **15**: 1375-1378.
- 0417 Johns, D. M. (1981). Physiological studies on *Cancer irroratus* larvae. II. Effects of temperature and salinity on physiological performance. *Marine Ecology Progress Series*. **6**: 309-315.
- 0418 Lesniak, A. P. and E. H. Liu (1982). Characterization of a hemagglutinin from *Leptogorgia virgulata*. *Comparative Biochemistry and Physiology*. **71B**: 305-308.
- 0419 Lackland, D. T., et al. (1982). Cellulase activity as a measure of environmental perturbation in salt marsh ecosystems. *Botanica Marina*. **25**: 143-148.
- 0420 Fleeger, J. W. and M. A. Palmer (1982). Secondary production of the estuarine, meiobenthic copepod, *Microarthridion littorale*. *Marine Ecology Progress Series*. **7**: 157-162.
- 0421 Chrzanowski, T. H., et al. (1982). Seasonal variability and transport of suspended microfungi in a southeastern salt marsh. *Applied and Environmental Microbiology*. **43**: 392-396.
- 0422 Haimbaugh Jr., G. D. (1981). Protecting the seas from nuclear pollution. *South Carolina Law Review*. **33**:197-225.
- 0423 Feller, R. J. and E. D. Gallagher (1982). Antigenic similarities among estuarine soft-bottom benthic taxa. *Oecologia*. **52**: 305-310.

- 0424 Thunell, R. C. (1982). Carbonate dissolution and abyssal hydrography in the Atlantic Ocean. *Marine Geology*. **47**: 175-180.
- 0425 Bidleman, T. F. and R. Leonard (1982). Aerial transport of pesticides over the northern Indian Ocean and adjacent seas. *Atmospheric Environment*. **16**: 1099-1107.
- 0426 Alon, N. C. and S. E. Stancyk (1982). Variation in life-history patterns of the grass shrimp *Palaemonetes pugio* in two South Carolina estuarine systems. *Marine Biology*. **68**: 265-276.
- 0427 Kjerfve, B. (1982). Calibration of estuarine current crosses. *Estuarine Coastal and Shelf Science*. **15**: 553-559.
- 0428 Dame, R. F. (1982). The flux of floating macrodetritus in the North Inlet Estuarine Ecosystem. *Estuarine Coastal and Shelf Science*. **15**: 337-344.
- 0429 Chrzanowski, T. H., et al. (1982). Transport of particulate organic carbon through the North Inlet Ecosystem. *Marine Ecology Progress Series*. **7(3)**: 231-245.
- 0430 Bildstein, K. L., et al. (1982). Energy flow through a South Carolina salt marsh shorebird community. *The Wader Study Group Bulletin*. **34**: 35-37.
- 0431 Johns, D. M. (1982). Physiological studies on *Cancer irroratus* larvae. III. Effects of temperature and salinity on the partitioning of energy resources during development. *Marine Ecology Progress Series*. **8**: 75-85.
- 0432 Ruppert, E. E. (1982). Comparative ultrastructure of the gastrotrich pharynx and the evolution of myoepithelial foreguts in aschelminthes. *Zoomorphology*. **99**: 181-220.
- 0433 Kjerfve, B., et al. (1982). Temporal and spatial considerations in measuring estuarine water fluxes. *Estuarine Comparisons*. V. S. Kennedy. New York, Academic Press: 37-51.
- 0434 Griffiths, C. L. and R. J. Griffiths (1983). Biology and distribution of the littoral rove beetle *Psamathobledius punctatissimus* (LeConte) (Coleoptera: Staphylinidae). *Hydrobiologia*. **101**: 203-214.
- 0435 Vernberg, F. J. (1982). Environmental adaptation to lagoon systems. *Oceanologica Acta*. **1982**: 407-415.
- 0436 Kingsley, R. J. and N. Watabe (1982). Ultrastructural investigation of spicule formation in the gorgonian *Leptogorgia virgulata* (Lamarck) (Coelenterata: Gorgonacea). *Cell & Tissue Research*. **223**: 325-334.
- 0437 Grant, J. and E. A. Lazo-Wasem (1982). Systematics and ecology of the estuarine amphipod crustacean *Lepidactylus dytiscus* Say 1818 (Haustoriidae). *Canadian Journal of Zoology*. **60(9)**: 2039-2045.
- 0438 Bildstein, K. L. (1982). Prey concealment by American kestrels. *Raptor Research*. **16**: 83-88.
- 0439 Christy, J. H. and S. E. Stancyk (1982). Timing of larval production and flux of invertebrate larvae in a well-mixed estuary. *Estuarine Comparisons*. New York, Academic Press. **Kennedy, V.**: 489-503.
- 0440 McDonald, J. (1982). Divergent life history patterns in the co-occurring intertidal crabs *Panopeus herbstii* and *Eurypanopeus depressus* (Crustacea: Brachyura: Xanthidae). *Marine Ecology Progress Series*. **8**: 173-180.
- 0441 Williams, D. F., et al. (1982). Seasonality and mean annual sea surface temperatures from isotopic and sclerochronological records. *Nature*. **296**: 432-434.
- 0442 Lombardi, J. and E. E. Ruppert (1982). Functional morphology of locomotion in *Derocheilocaris typical* (Crustacea, Mystacocarida). *Zoomorphology*. **100**: 1-10.
- 0443 Dame, R. F. and F. J. Vernberg (1982). Energetics of a population of the mud crab *Panopeus herbstii* (Milne Edwards) in the North Inlet Estuary, South Carolina. *Journal of Experimental Marine Biology and Ecology*. **63**: 183-193.
- 0444 Jorgensen, D. D. and W. B. Vernberg (1982). Oxygen uptake in a barnacle: Scaling to body size from nauplius to adult. *Canadian Journal of Zoology*. **60**: 1231-1235.
- 0445 Thunell, R. C. and P. R. Belyea (1982). Neogene planktonic foraminiferal biogeography of

- the Atlantic Ocean. *Micropaleontology*. **28**: 381-398.
- 0446 Kingsley, R. J. and N. Watabe (1982). Ultrastructure of the axial region in *Leptogorgia virgulata* (Cnidaria: Gorgonacea). *Transactions of the American Microscopy Society*. **101**: 325-339.
- 0447 Cavalieri, A. J. (1983). Proline and glycinebetaine accumulation by *Spartina alterniflora* Loisel in response to NaCl and nitrogen in a controlled environment. *Oecologia*. **57**: 20-24.
- 0448 Chrzanowski, T., et al. (1982). Transport of microbial biomass through North Inlet Ecosystem. *Microbial Ecology*. **8**: 139-156.
- 0449 Zimmerman, M. A., et al. (1983). Symbiont-influenced isotopic disequilibrium in *Heterostegina depressa*. *Journal of Foraminiferal Research*. **13(2)**: 115-121.
- 0450 Montagna, P. A. (1982). Sampling design and enumeration statistics for bacteria extracted from marine sediments. *Applied and Environmental Microbiology*. **43**: 1366-1372.
- 0451 Chapnick, S. D., et al. (1982). Microbially mediated manganese oxidation in a freshwater lake. *Limnology and Oceanography*. **27**: 1004-1014.
- 0452 Dean, J. M., et al. (1983). Microstructural features of teleost otoliths . *Biom mineralization and Biological Metal Accumulations*. P. Westbroek and W. E. de Jong. Dordrecht, Holland, D. Reidel Publishing Co. : 358-359.
- 0453 Wells, J. B. J., et al. (1982). Common harpacticoid copepods from New Zealand harbours and estuaries. *New Zealand Journal of Zoology*. **9**: 151-184.
- 0454 Bidleman, T. F., et al. (1983). Influence of volatility on the collection of airborne PCB and pesticides with filter-solid adsorbent samplers. *Physical Behavior of PCB's in the Great Lakes*. D. MacKay. Ann Arbor, Michigan, Ann Arbor Science Publishers. . 15-48.
- 0455 Hicks, G. R. F. and B. C. Coull (1983). The ecology of marine meiobenthic harpacticoid copepods. *Oceanography and Marine Biology Annual Review*. **21**: 67-175.
- 0456 Feller, R. J. (1982). Empirical estimates of carbon production for a meiobenthic harpacticoid copepod. *Canadian Journal of Fisheries and Aquatic Science*. **39**: 1435-1443.
- 0457 Billings, W. N. and T. F. Bidleman (1983). High volume collection of chlorinated hydrocarbons in urban air using three solid adsorbents. *Atmospheric Environment*. **17**: 383-391.
- 0458 Christy, J. (1982). Adaptive significance of semilunar cycles of larval release in fiddler crabs (genus *Uca*): Test of an hypothesis. *Biological Bulletin*. **163**: 251-263.
- 0459 Coull, B. C. and S. S. Bell (1983). Biotic assemblages: Populations and communities. *Biology of Crustacea*. F. J. Vernberg and W. B. Vernberg. New York, Academic Press. **7**: 283-319.
- 0460 Leventer, A., et al. (1982). Dynamics of the Laurentide ice sheet during the last deglaciation: Evidence from the Gulf of Mexico. *Earth Planetary Science Letters*. **59**: 11-17.
- 0461 Wilson, C., et al. (1982). Age, growth rate and feeding habits of the oyster toadfish, *Opsanus tau* (Linnaeus), in South Carolina. *Journal of Experimental Marine Biology and Ecology*. **62**: 251-259.
- 0462 Coull, B. C. (1982). Harpacticoida. *Synopsis and Classification of Living Organisms*. S. P. Parker. New York, McGraw-Hill 212-217.
- 0463 Haake, P. W., et al. (1982). A technique for the examination of otoliths by SEM with application to larval fishes. *Proceedings, Fifth Annual Larval Fish Conference*. C. F. Bryan, J. V. Conner and F. M. Truesdale. Baton Rouge, Louisiana, Louisiana State University Press: 12-15.
- 0464 Schwing, F. B., et al. (1983). Nearshore coastal currents on the South Carolina continental shelf. *Journal of Geophysical Research*. **88**: 4719-4729.

- 0465 Kjerfve, B. and S. P. Dinnel (1983). Hindcast hurricane characteristics on the Belize barrier reef. *Coral Reefs*. **1**:203-207.
- 0466 Montagna, P., et al. (1983). The relationship between abundances of meiofauna and their suspected microbial food (diatoms and bacteria). *Estuarine Coastal and Shelf Science*. **17**: 381-394.
- 0467 Greenspan, B. N. (1982). Semi-monthly reproductive cycles in male and female fiddler crabs, *Uca pugnax*. *Animal Behavior*. **30**: 1084-1092.
- 0468 Kjerfve, B. (1989). Estuarine geomorphology and physical oceanography. *Estuarine Ecology*. J. W. J. Day, C. A. S. Hall, W. M. Kemp and A. Yanez-Arancibia. New York, John Wiley & Sons, Inc : 47-78.
- 0469 Dorsch, J. E. and T. F. Bidleman (1982). Natural organics as fluorescent tracers of river-sea mixing. *Estuarine Coastal and Shelf Science*. **15**: 701-707.
- 0470 Bildstein, K. L. (1983). Why white tail deers flag their tail. *American Naturalist*. **121**: 709-715.
- 0471 Costello, J. H. and S. E. Stancyk (1983). Tidal influence upon appendicularian abundance in North Inlet Estuary, South Carolina. *Journal of Plankton Research*. **5**: 263-277.
- 0472 Turner, R. L., et al. (1982). Ophiuroid discs in stingray stomachs: Evasive autotomy or partial consumption of prey? *Echinoderms: Proceedings, International Conference*. J. M. Lawrence. The Netherlands, Balkema Press : 331-335.
- 0473 Heatwole, D. W. and S. E. Stancyk (1982). Spawning and functional morphology of the reproductive system in the ophiuroid, *Hemipholis elongata* (Say). *Echinoderms: Proceedings, International Conference*. J. M. Lawrence. The Netherlands, Balkema Press: 469-474.
- 0474 Allen, D. M. (1982). Autecology of the cryptic mysid crustacean, *Heteromysis formosa* Smith 1873, in a temperate estuary. *Hydrobiologia*. **93**: 1-7.
- 0475 Coull, B. C. and J. B. J. Wells (1983). Refuges from fish predation: Experiments with phytal meiofauna from the New Zealand rocky intertidal. *Ecology*. **64**: 1599-1609.
- 0476 Corliss, B. H. and R. C. Thunell (1983). Carbonate sedimentation beneath the Antarctic circumpolar current during the Late Quaternary. *Marine Geology*. **51**: 293-326.
- 0477 Palmer, A. J. M. and A. W.H. (1986). Diatoms as indicators of sea level change. *Sea Level Manual: A Manual for the Collection and Evaluation of Data*. O. van der Plassche, INQUA, International Geological Correlation Programme : Chapter 33.
- 0478 Osenga, G. A. and B. C. Coull (1983). *Spartina alterniflora* Loisel root structure and meiofauna abundance. *Journal of Experimental Marine Biology and Ecology*. **67**: 221-225.
- 0479 Caine, E. A. (1983). Community interactions of *Caprella penantis* Leach (Crustacea: Amphipoda) on seaweeds. *Journal of Crustacean Biology*. **3**: 497-504.
- 0480 Padgett, W. (1978). A stream-pollution model with random deoxygenation and reaeration coefficients. *Mathematical Biosciences*. **42**: 137-148.
- 0481 Thunell, R. C., et al. (1983). Seasonal variation in the flux of planktonic foraminifera: Time series sediment trap results from the Panama Basin. *Earth and Planetary Science Letters*. **64**: 44-55.
- 0482 Curry, W. B., et al. (1983). Seasonal changes in the isotopic composition of planktonic foraminifera collected in Panama Basin sediment traps. *Earth and Planetary Science Letters*. **64**: 33-43.
- 0483 Healy-Williams, N. (1983). Fourier shape analysis of *Globobulimina truncatulinoidea* from late quaternary sediments in the Southern Indian Ocean. *Marine Micropaleontology*. **8**: 1-5.
- 0484 Aller, R. (1983). The importance of the diffusive permeability of animal burrow lining in determining marine sediment chemistry *Journal of Marine Research*. **41**: 299-322.
- 0485 Zhirmunsky, A. V., et al. (1981). Physiology and biochemistry of adaptations in marine animals. *Proceedings of the XIV Pacific Science Congress, Marine Biology Section*.

- Vladivostok, USSR, Academy of Sciences of the USSR, Far East Science Center.
- 0486 Vernberg, W. B., et al. (1982). Physiological Mechanisms of Marine Pollution Toxicity. New York, Academic Press.
- 0487 Montagna, P. (1983). Live controls for radioisotope tracer food chain experiments using meiofauna. *Marine Ecology Progress Series*. **12**: 43-46.
- 0488 Coull, B. C., et al. (1983). Phytal meiofauna from the rocky intertidal at Murrells Inlet, South Carolina. *Transactions of the American Microscopy Society*. **102(4)**: 380-389.
- 0489 Summers, J. K. and H. N. McKellar Jr. (1981). The role of physical forcing functions in an estuarine model of carbon exchange with the sea. *ISEM Journal*. **3(3-4)**: 71-101.
- 0490 Bildstein, K. L., et al. (1982). The role of avian consumers in saltmarsh ecosystems. *Bird Behavior*. **4**: 50-53.
- 0491 Carle, K. J. and E. E. Ruppert (1983). The comparative ultrastructure of the bryozoan *Funculues*: A blood vessel homologue. *Z Zool Syst Evolutionsforsch*. **21**: 181-193.
- 0492 Leventer, A., et al. (1983). Relationship between anoxia, glacial meltwater and microfossil preservation in the Orca Basin, Gulf of Mexico. *Marine Geology*. **53**: 23-40.
- 0493 Leonard, K. A., et al. (1983). Pliocene paleoclimatic and paleoceanographic history of the South Atlantic Ocean: Stable isotopic records from Leg 72 Deep Sea Drilling Project Holes 516A and 517. Initial Reports of the Deep Sea Drilling Project. P. F. Barker, R. L. Carlson and D. A. J. e. al. Washington, DC, U.S. Government Printing Office. **72**:895-906.
- 0494 Vernberg, F. J. and W. B. Vernberg (1983). Behavior and Ecology. *Biology of Crustacea*. New York, Academic Press. **7**.
- 0495 Kleypas, J. A. and J. M. Dean (1983). Migration and feeding of the predatory fish, *Bairdiella chrysura* Lacépède, in an intertidal creek. *Journal of Experimental Marine Biology and Ecology*. **72**: 199-209.
- 0496 Bildstein, K. L. (1983). Age-related differences in the flocking and foraging behavior of white ibises in a South Carolina salt marsh. *Colonial Waterbirds*. **6**: 45-53.
- 0497 Wolaver, T. G., et al. (1984). Nitrogen and phosphorus concentrations within North Inlet, South Carolina - Speculation as to sources and sinks. *Estuarine Coastal and Shelf Science*. **19(2)**: 243-255.
- 0498 Grant, J. (1983). The relative magnitude of biological and physical sediment reworking in an intertidal community. *Journal of Marine Research*. **41**: 673-689.
- 0499 Chrzanowski, T., et al. (1983). Transport of dissolved organic carbon through a major creek of the North Inlet Ecosystem. *Marine Ecology Progress Series*. **13**: 167-174.
- 0500 Schwing, F. B., et al. (1983). Sea Level oscillations in a salt marsh lagoon system. *Annals Inst Ciencias Marina Limnol*. **10(1)**: 231-236.
- 0501 Jones, D. S., et al. (1983). Growth history and ecology of the Atlantic surf clam, *Spisula solidissima* (Dillwyn), as revealed by stable isotopes and annual shell increments. *Journal of Experimental Marine Biology and Ecology*. **73**: 225-242.
- 0502 Turbeville, J. M. and E. E. Ruppert (1983). Epidermal muscles and peristaltic burrowing in *Carinoma tremaphoros* (Nemertini): Correlates of effective burrowing without segmentation. *Zoomorphology*. **103**: 103-120.
- 0503 Ruppert, E. E. and K. J. Carle (1983). Morphology of metazoan circulatory systems. *Zoomorphology*. **103**: 193-208.
- 0504 Shaffer, P. L. (1983). Population ecology of *Heteromastus filiformis* (Polychaeta: Capitellidae). *Netherlands Journal of Sea Research*. **17** 106-125.
- 0505 Fillon, R. H. and D. F. Williams (1983). Glacial evolution of the Plio-Pleistocene: Role of continental and Arctic Ocean ice sheets. *Palaeogeography, Palaeoclimatology, and Palaeoecology*. **42**: 7-33.
- 0506 Kingsley, R. J. and N. Watabe (1983). Analysis of proteinaceous components of the

- organic matrices of spicules from the gorgonian *Leptogorgia virgulata*. Comparative Biochemistry and Physiology. **76B**: 443-447.
- 0507 Vernberg, F. J. and W. B. Vernberg (1983). Biology of Crustacea. Environmental Adaptations. New York, Academic Press. **8**.
- 0508 Vernberg, F. J. (1983). Respiratory Adaptations. Biology of Crustacea. Environmental Adaptations. F. J. Vernberg and W. B. Vernberg. New York, Academic Press. **8**: 1-42.
- 0509 Vernberg, W. B. and F. J. Vernberg (1983). Freshwater adaptations. Biology of Crustacea. Environmental Adaptations F. J. Vernberg and W. B. Vernberg. New York, Academic Press. **8**: 335-359.
- 0510 Thunell, R., et al. (1983). Glacial anoxia in the Eastern Mediterranean. Journal of Foraminiferal Research. **13**:283-290.
- 0511 Kenworthy, W. J., et al. (1987). The abundance of biomass and acetylene reduction activity of bacteria associated with decomposing rhizomes of two sea grasses, *Zostera marina* and *Thalassia testudinum*. Aquatic Botany. **27**: 97-119.
- 0512 Kingsley, R. J. and N. Watabe (1984). Synthesis and transport of the organic matrix of the spicules in the gorgonian *Leptogorgia virgulata* (Lamarck) (Coelenterata: Gorgonacea): An autoradiographic investigation. Cell & Tissue Research. **235**: 533-538.
- 0513 Harder, H. W., et al. (1983). Acute effects of toxaphene and its sediment-degraded product on estuarine fish. Canadian Journal of Fisheries and Aquatic Sciences. **40**: 2119-2125.
- 0514 You, F. and T. F. Bidleman (1984). Influence of volatility on the collection of PAH vapors with polyurethane foam. Environmental Science and Technology. **18**: 330-333.
- 0515 Keller, C. D. and T. F. Bidleman (1984). Collection of airborne PAH and other organics with a glass fiber filter-polyurethane foam system. Atmospheric Environment. **18**: 837-845.
- 0516 Michener, W. K. and A. G. Eversole (1986). Age, growth and sex ratio of American eels in Charleston Harbor, South Carolina. Proceedings, Annual Conference of the Southeastern Association of Fish and Wildlife Agencies. **37**: 422-431.
- 0517 Thunell, R., et al. (1984). Anoxic events in the Mediterranean Sea in relation to the evolution of Late Neogene climates. Marine Geology. **59**: 105-134.
- 0518 Montagna, P. A. (1984). Competition for dissolved glucose between meiobenthos and sediment microbes. Journal of Experimental Marine Biology and Ecology. **76**: 177-190.
- 0519 Feller, R. (1984). Dietary immunoassay of *Ilyanassa obsoleta*, the eastern mud snail. Biological Bulletin. **166**:96-102.
- 0520 Palmer, M. A. (1984). Invertebrate drift: Behavioral experiments with intertidal meiofauna. Marine Behavior and Physiology. **10**: 235-253.
- 0521 Eskin, R. A. and B. C. Coull (1984). A priori determination of valid control sites: An example using marine meiobenthic nematodes. Marine Environmental Research. **12**: 161-172.
- 0522 Gardner, L. R. and C. Gorman (1984). Summertime net transport of dissolved oxygen, salt and heat in a salt marsh basin, North Inlet, SC. Estuarine Coastal and Shelf Science. **19**: 331-339.
- 0523 Coull, B. C. and M. A. Palmer (1984). Field experimentation in meiofauna ecology. Hydrobiologia. **118**: 1-19.
- 0524 Sauer, G. and N. Watabe (1984). Zinc uptake and its effect on calcification in the scales of the mummichog *Fundulus heteroclitus*. Aquatic Toxicology. **5**: 51-66.
- 0525 Kingsley, R. J. (1984). Spicule formation in the invertebrates with special reference to *Leptogorgia virgulata*. American Zoologist. **24**: 883-891.
- 0526 Coull, B. C. (1985). The use of long-term biological data to generate testable hypotheses.

- Estuaries. **8(2A)**:84-92.
- 0527 Tappa, E. and R. Thunell (1984). Late Pleistocene glacial/interglacial changes in planktonic foraminiferal biofacies and carbonate dissolution patterns in the Vema Channel. *Marine Geology*. **58**: 101-122.
- 0528 Wilson, C. A. and J. M. Dean (1984). The potential use of sagittae for estimating age of Atlantic swordfish, *Xiphias gladius*. Proceedings of the International Workshop on Age Determination of Oceanic Pelagic Fishes: tunas, billfishes and sharks. . E. Prince and L. Pulos, NOAA. **NOAA Tech Rep 8** : 151-156.
- 0529 Dame, R. F. and D. Stilwell (1984). Environmental factors influencing macrodetritus flux in North Inlet Estuary. *Estuarine Coastal and Shelf Science*. **18**: 721-726.
- 0530 Nuwayhid, M. A., et al. (1985). Defensive behavior in two littoral snails from Lebanon. *Malacological Review*. **18**:9-14.
- 0531 Takita, T., et al. (1984). Predation of spawning Atherinid fish, *Menidia menidia* by avian and aquatic predators. *Japanese Journal of Ecology*. **34**: 431-437.
- 0532 Kjerfve, B. and H. E. Seim (1984). Construction of net isopleths in cross sections of tidal estuaries. *Journal of Marine Research*. **42**: 503-508.
- 0533 Nousek, N. A. (1984). Shell formation and calcium transport in the barnacle *Chthamalus fragilis*. *Tissue & Cell*.**16(3)**: 433-442.
- 0534 Woodin, S. A. (1984). Effects of browsing predators: Activity changes in infauna following tissue loss. *Biological Bulletin*. **166**: 558-573.
- 0535 Allen, D. M. (1984). Population dynamics of the mysid shrimp *Mysidopsis bigelowi* WM Tattersall in a temperate estuary. *Journal of Crustacean Research*. **4**: 25-34.
- 0536 Luckenbach, M. W. (1984). Settlement and early post-settlement survival of *Mulinia lateralis* (Bivalvia). *Marine Ecology Progress Series*. **17**: 245-250.
- 0537 Montagna, P. A. (1984). In situ measurements of meiobenthic grazing rates on sediment bacteria and edaphic diatoms. *Marine Ecology Progress Series*. **18**: 119-130.
- 0538 Bollinger, M. S. and W. S. Moore (1984). Radium fluxes from a salt marsh. *Nature*. **309(5967)**: 444-446. 0539 Sauer, G. R. and N. Watabe (1984). X-ray microanalysis in the study of heavy metal uptake by fish calcified tissues. *Microbeam Analysis*. A. D. J. Romig and J. I. Goldstein. San Francisco, San Francisco Press, Inc. : 269-271.
- 0540 Krantz, D. E., et al. (1984). Growth rates of the sea scallop, *Placopecten magellanicus*, determined from the 180 160 record in shell calcite. *Biological Bulletin*. **167**: 186-199.
- 0541 Bidleman, T. F. and C. D. Keller (1984). Collection methods and aerial deposition predictions for polycyclic aromatic hydrocarbons. *Synthetic Fossil Fuel Technologies, Results of Health and Environmental Studies*. K. E. Cowser. Ann Arbor, Michigan, Ann Arbor Science Press : 417-440.
- 0542 Bell, J. L. (1984). Changing residence: Dynamics of the symbiotic relationship between *Dissodactylus mellitae* Rathburn (Pinnotheridae) and *Mellita quinquesperforata* (Leske) (Echinodermata). *Journal of Experimental Marine Biology and Ecology*. **82**: 101-115.
- 0543 Sikora, W. and B. Kjerfve (1985). Factors influencing the salinity regime of Lake Pontchartrain, Louisiana, a shallow coastal lagoon: Analysis of a long-term data set. *Estuaries (special edition)*. **8(2A)**: 170-180.
- 0544 Eskin, R. A. and B. E. Hopper (1985). Population dynamics and description of *Ptycholaimellus hibernus* n sp (Nematoda: Chromadoridae). *Journal of Nematology*. **17(1)**: 38-45.
- 0545 Smith, G. W. and S. Hayasaka (1986). Tetrazolium-linked dehydrogenase as an indicator of microbial root association with sea grasses. *Botanica Marina*. **29**: 299-303.
- 0546 Smith, G. W., et al. (1984). Ammonification of amino acids by the rhizoplane microflora of *Zostera marina* L. and *Halodule wrightii* Aschers. *Botanica Marina*. **27** 23-27.

- 0547 Vernberg, F. J. (1984). Fiddler crabs: Ecosystems-organisms-molecules. *American Zoologist*. **24**: 293-304.
- 0548 Dame, R. F., et al. (1984). Oyster reefs as processors of estuarine materials. *Journal of Experimental Marine Biology and Ecology*. **83**: 239-247.
- 0549 Bildstein, K. L. (1984). Age-related differences in the foraging behavior of white ibises and the question of deferred maturity. *Colonial Waterbirds*. **7**: 146-148.
- 0550 Kingsley, R. and N. Watabe (1985). An autoradiographic study of calcium transport in spicule formation in the gorgonian *Leptogorgia virgulata* (Lamarck) (Coelenterata: Gorgonacea). *Cell & Tissue Research*. **239(2)**: 305-310.
- 0551 Clements, L. A. J. and S. E. Stancyk (1984). Particle selection by the burrowing brittlestar *Micropholis gracillima* (Stimpson) (Echinodermata: Ophiuroidea). *Journal of Experimental Marine Biology and Ecology*. **84**: 1-13.
- 0552 Dame, R. F., et al. (1985). The summer uptake and release of nitrogen by an intertidal oyster reef. *Netherlands Journal of Sea Research*. **19 (314)**: 265-268.
- 0553 Kingsley, R. J. and N. Watabe (1984). Calcium uptake in the gorgonian *Leptogorgia virgulata* The effects of ATPase inhibitors. *Comparative Biochemistry and Physiology*. **79A**: 487-491.
- 0554 Creed, E. L. and B. Coull (1984). Sand dollar (*Mellita quinquiesperforata* (Leske)) and sea pansy (*Renilla reniformis* (Cuvier)) effects on meiofaunal abundance. *Journal of Experimental Marine Biology and Ecology*. **77**: 1-10.
- 0555 Bidleman, T. F., et al. (1984). Theoretical plate measurements and collection efficiencies for high volume air samplers using polyurethane foam. *Journal of Chromatography*. **301**: 448-453.
- 0556 Feller, R. J. (1984). Seriological tracers of meiofaunal food webs. *Hydrobiologia* (Special Edition). **118**: 119-125.
- 0557 Fillon, R. H. and W. E. Full (1984). Grain-size variations in North Atlantic non-carbonate sediments and sources of terrigenous components. *Marine Geology*. **59**: 13-50.
- 0558 Beckman, D. W. and J. M. Dean (1984). The age and growth of young-of-the-year spot, *Leiostomus xanthurus* (Lacepede), in South Carolina. *Estuaries*. **7**: 487-496.
- 0559 MacRae, A. F. and S. A. Woodin (1984). A photographic method for quantifying surface defecation. *Marine Ecology Progress Series*. **19**: 233-236.
- 0560 Wilmot, W., et al. (1985). Nutrient transports in a Swedish estuary. *Estuarine Coastal and Shelf Science*. **21(2)**:161-184.
- 0561 Hopkinson, C. S., et al. (1985). Ecological significance of summer storms on shallow coastal lake and estuarine systems. *Marine Science*. **28**: 69-77.
- 0562 Luckenbach, M. W. (1984). Biogenic structure and foraging of five species of shorebirds (Charadrii). *Estuarine Coastal and Shelf Science*. **19**: 691-696.
- 0563 Feller, R. J., et al. (1985). Deep-sea food web analysis using cross-reacting antisera. *Deep Sea Research*. **32(4)**:485-497.
- 0564 Whiting, G. J., et al. (1985). Sampling and computational design of nutrient flux from a southeastern US saltmarsh. *Estuarine, Coastal and Shelf Science*. **21(3)**: 273-286.
- 0565 Palmer, M. A. and G. Gust (1985). Dispersal of meiofauna in a turbulent tidal creek. *Journal of Marine Research*. **43(1)**: 179-210.
- 0566 Smith, G. W. and G. Thayer (1990). Root surface area, Chapter 12. *Seagrass Research Methods*. R. C. Phillips and C. P. McRoy. Paris, UNESCO: 71-75.
- 0567 Bidleman, T. F. (1985). High volume collection of organic vapors using solid adsorbents. *Trace Analysis*. J. F. Lawrence. New York, Academic Press. **4**: 51-100.
- 0568 Turbeville, J. M. and E. E. Ruppert (1985). Comparative ultrastructure and the evolution of nemertines. *American Zoologist*. **25**: 53-71.
- 0569 Vernberg, F. J. (1985). *Environmental Physiology. Physiological Adaptations of Marine Animals*. M. S. Laverack. Great Britain, Society for Experimental Biology. **39**: 1-31.

- 0570 Kjerfve, B. (1986). Circulation and salt balance in a well-mixed estuary. *Physics of Shallow Estuaries and Bays*, Springer-Verlag: 22-29.
- 0571 Radtke, R. L., et al. (1985). Somatic and otolith growth in the oyster toadfish (*Opsanus tau* L). *Journal of Experimental Marine Biology and Ecology*. **90**: 259-278.
- 0572 Vernberg, F. J., et al. (1985). *Marine Pollution and Physiology: Recent Advances*. Belle W. Baruch Library in Marine Science. Columbia, SC, University of South Carolina Press. **no. 13**.
- 0573 Bildstein, K. L. and M. W. Colopy (1985). Escorting flight and agonistic interactions in wintering northern harriers. *Condor*. **87**: 398-401.
- 0574 Zeeman, S. I. (1985). The effect of tropical storm Dennis on coastal phytoplankton. *Estuarine, Coastal and Shelf Science*. **20**: 403-418.
- 0575 Coull, B. C. (1985). Long-term variability of estuarine meiobenthos: An 11 year study. *Marine Ecology Progress Series*. **24**: 205-218.
- 0576 Coull, B. C. and B. W. Dudley (1985). Dynamics of meiobenthic copepod populations: A long-term study (1973-1983). *Marine Ecology Progress Series*. **24** 219-229.
- 0577 Michener, W. K., et al. (1985). Design and development of a data management system for long-term ecological research. *SUGI Proceedings, 1985 SAS User's Group International Conference, SAS User's Group* 468-471.
- 0578 Fox, R. S. and E. E. Ruppert (1985). *Shallow-Water Marine Benthic Macroinvertebrates of South Carolina. Species Identification, Community Composition, and Symbiotic Associations* Belle W. Baruch Library in Marine Science Columbia, SC, University of South Carolina Press. **no. 14**.
- 0579 Blood, E. R., et al. (1989). Precipitation, throughfall, and stemflow chemistry in a coastal loblolly pine stand. *Freshwater Wetlands and Wildlife*. R. R. Sharitz and J. W. Gibbons. Oak Ridge, Tennessee, USDOE Office of Science and Technology Information. **Conf.-8603101, DOE Symposium Series #61**: 61-78.
- 0580 Bildstein, K. L., et al. (1990). The importance of freshwater wetlands in the breeding ecology of coastal white ibises (*Eudocimus albus*): A lesson for scarlet ibis conservation. *Proceedings, First International Conference on Scarlet Ibis Conservation*. P. C. Frederick, L. G. Morales, A. L. Spaans and C. S. Luthin. New York, ICBP : 57-63.
- 0581 Sharma, P., et al. (1987). Sedimentation and bioturbation in a salt marsh as revealed by ²¹⁰Pb, ¹³⁷Cs, and ⁷Be studies. *Limnology & Oceanography*. **32**: 313-326.
- 0582 Gardner, L. R., et al. (1987). A regeneration model for the effect of bioturbation by fiddler crabs on ²¹⁰Pb profiles in salt marsh sediments. *Journal of Environmental Radioactivity*. **5**: 25-36.
- 0583 Wolaver, T. G., et al. (1985). The flume design - A methodology for evaluating material fluxes between a vegetated salt marsh and the adjacent tidal creek. *Journal of Experimental Marine Biology and Ecology*. **91**: 281-291.
- 0584 Foreman, W. T. and T. F. Bidleman (1985). Vapor pressure estimates of individual polychlorinated biphenyls and commercial fluids using gas chromatographic retention data. *Journal of Chromatography*. **330**: 203-216.
- 0585 Chrzanowski, T. and R. Zingmark (1986). Passive filtering of microbial biomass by *Spartina alterniflora*. *Estuarine Coastal and Shelf Science*. **22**: 545-557.
- 0586 Agosta, K. (1985). The effect of tidally induced changes in the creek bank water table on pore water chemistry. *Estuarine Coastal and Shelf Science*. **21**: 389-400.
- 0587 Kjerfve, B. (1984). Hydrographic considerations in estuarine outwelling studies: An example and definitions. *Productivity of the Mangrove Ecosystem: Management Implications*. O. J. Eong and G. Wooi-Khoon, UNESCO/UNDP and Universiti Sains Malaysia: 37-47.
- 0588 Wolaver, T. G., et al. (1986). Dissolved and particulate organic carbon in the North Inlet

- Estuary, South Carolina: What controls their concentrations? *Estuaries*. **9(1)**: 31-38.
- 0589 Kingsley, R. J. and N. Watabe (1985). Ca-ATPase localization and inhibition in the gorgonian *Leptogorgia virgulata* (Lamarck) (Coelenterata: Gorgonacea). *Journal of Experimental Marine Biology and Ecology*. **93**: 157-167.
- 0590 Sawyer, R. and R. Showman (1985). *The Cellular and Molecular Biology of Marine Invertebrates*. Belle W. Baruch Library in Marine Science Columbia, SC, University of South Carolina Press. **no. 15**.
- 0591 Michener, W. K. (1986). *Research Data Management in the Ecological Sciences*. Belle W. Baruch Library in Marine Science. Columbia, SC, University of South Carolina Press. **no. 16**.
- 0592 Kjerfve, B., et al. (1986). Hindcasting of hurricane characteristics and observed storm drainage on a fringing reef, Jamaica, West Indies. *Journal of Marine Research*. **44**: 119-148.
- 0593 Caine, E. A. (1986). Carapace epibionts of nesting loggerhead sea turtles: Atlantic Coast of the USA. *Journal of Experimental Marine Biology and Ecology*. **95**: 15-26.
- 0594 Zagursky, G. and R. J. Feller (1985). Macrophyte detritus in the winter diet of the estuarine mysid *Neomysis americana*. *Estuaries*. **8(4)**: 355-362.
- 0595 Stancyk, S. E. and R. J. Feller (1986). Transport of nondecapod invertebrate larvae in estuaries: An overview. *Bulletin of Marine Science*. **39**: 257-268.
- 0596 Coull, B. C. (1986). A new species of *Pseudobradya* and the rediscovery and correction of *Quinquelaophonte capillata* (Wilson) (Copepoda: Harpacticoidia). *Transactions of the American Microscopy Society*. **105**: 121-130.
- 0597 Michener, W. K. (1986). Data management and long-term ecological research. *Research Data Management in the Ecological Sciences*. Belle W. Baruch Library in Marine Science. W. K. Michener. Columbia, South Carolina, University of South Carolina Press. **16**: 1-8.
- 0598 Vernberg, F. J., et al. (1985). *Shrimp Aquaculture in the Caribbean Basin Prospects and Constraints*. Columbia, SC, Belle W. Baruch Institute for Marine Biology and Coastal Research, University of South Carolina.
- 0599 Vernberg, F. J. (1985). Ecosystems approach to evaluating the impacts of commercial aquaculture development on estuaries and mangroves. *Shrimp Aquaculture in the Caribbean Basin Prospects and Constraints*. F. J. Vernberg, A. K. Taniguchi, A. Russell, J. Chappell and A. Miller. Columbia, South Carolina, Belle W. Baruch Institute for Marine Biology and Coastal Research, University of South Carolina : 413-443.
- 0600 Vernberg, W. B. and E. Guerrero (1985). The importance of vector biology research and vector control to an aquaculture industry. *Shrimp Aquaculture in the Caribbean Basin Prospects and Constraints*. F. J. Vernberg, A. K. Taniguchi, A. Russell, J. Chappell and A. Miller. Columbia, South Carolina, Belle W. Baruch Institute for Marine Biology and Coastal Research, University of South Carolina : 401-412.
- 0601 Chappell, J. (1985). Commercial aquaculture opportunities in the Dominican Republic. *Shrimp Aquaculture in the Caribbean Basin Prospects and Constraints*. F. J. Vernberg, A. K. Taniguchi, A. Russell, J. Chappell and A. Miller. Columbia, South Carolina, Belle W. Baruch Institute for Marine Biology and Coastal Research, University of South Carolina: 17-48.
- 0602 Ingram, J. (1985). Overview of aquaculture feasibility analysis: Technology, economics, and public policy. *Shrimp Aquaculture in the Caribbean Basin Prospects and Constraints*. F. J. Vernberg, A. K. Taniguchi, A. Russell, J. Chappell and A. Miller. Columbia, South Carolina, Belle W. Baruch Institute for Marine Biology and Coastal Research, University of South Carolina : 167-180.
- 0603 Gaines, J. P., et al. (1985). A methodology for assessing the economic feasibility of aquaculture ventures. *Shrimp Aquaculture in the Caribbean Basin Prospects and*

- Constraints. F. J. Vernberg, A. K. Taniguchi, A. Russell, J. Chappell and A. Miller. Columbia, South Carolina, Belle W. Baruch Institute for Marine Biology and Coastal Research, University of South Carolina : 181-212.
- 0604 Tompkins, M. E. (1985). Public policy and administration in fostering aquaculture development in the Caribbean Basin. Shrimp Aquaculture in the Caribbean Basin Prospects and Constraints. F. J. Vernberg, A. K. Taniguchi, A. Russell, J. Chappell and A. Miller. Columbia, South Carolina, Belle W. Baruch Institute for Marine Biology and Coastal Research, University of South Carolina : 321-362.
- 0605 Kjerfve, B. (1985). Review of "Synthesis and Modelling of Intermittent Estuaries" by W.R. Cuff and M. Tomczak, Jr. EOS, Transactions of the American Geophysical Union. **66(20)**: 444.
- 0606 Donachy, J. and N. Watabe (1986). Effects of salinity and calcium concentration on arm regeneration in *Ophiothrix angulata* (Echinodermata: Ophiuroidea). Marine Biology. **91**: 253-257.
- 0607 Eskin, R. A. and M. A. Palmer (1985). Suspension of marine nematodes in a turbulent tidal creek: Species patterns. Biological Bulletin. **169**: 615-623.
- 0608 Holland, A. F. and B. Kjerfve (1985). Long-term Estuarine and Coastal Data Sets. *Estuaries* (special issue). Washington, DC, Estuarine Research Federation. **8(2A)**.
- 0609 Turbeville, J. M. (1986). An ultrastructural analysis of coelomogenesis in the haplonemertine *Prosorhochmus americanis* and the polychaete *Magelona* sp. Journal of Morphology. **187**: 51-60.
- 0610 Petit, D. and K. L. Bildstein (1986). Development of formation flying in juvenile white ibis (*Eudocimus albus*). Auk. **103**: 244-246.
- 0611 Michener, W. K., et al. (1986). Development, management, and analysis of a long-term ecological research information base: Example for marine macrobenthos. New Approaches to Monitoring Aquatic Ecosystems. Philadelphia, Pennsylvania, American Society of Testing Materials : 173-188.
- 0612 Eiser, W. C. and B. Kjerfve (1986). Marsh topography and hypsometer characteristics of South Carolina salt marsh basin. Estuarine Coastal and Shelf Science. **23(5)**: 595-605.
- 0613 Childers, D. L. and H. N. McKellar Jr. (1987). A simulation of saltmarsh water column dynamics. Ecological Modelling. **36**: 211-238.
- 0614 Luckenbach, M. W. (1986). Sediment stability around animal tubes: The role of hydrodynamic processes and biotic activity. Limnology and Oceanography. **31(4)**: 779-788.
- 0615 Dame, R. F. and P. Kenny (1986). Variability of *Spartina alterniflora* primary production in the euhaline North Inlet Estuary. Marine Ecology Progress Series. **32**: 71-80.
- 0616 Chrzanowski, T., et al. (1986). Processing of microbial biomass by an intertidal reef community. Marine Ecology Progress Series. **30** 181-189.
- 0617 Watabe, N., et al. (1986). The recalcification of decalcified spicule matrices of the gorgonian *Leptogorgia virgulata*. Transactions of the American Microscopy Society. **105(4)**: 311-318.
- 0618 Coull, B. C. (1986). Long-term variability of meiobenthos: Value, synopsis, hypothesis generation and predictive modelling. Hydrobiologia. **142**: 271-279.
- 0619 Wolaver, T. G., et al. (1986). Factors affecting short-term variability in sediment pH as a function of marsh elevation in a Virginia mesohaline marsh. Journal of Experimental Marine Biology and Ecology. **101**: 227-237.
- 0620 Morris, J. T. and G. Whiting (1985). Gas advection in sediments in a South Carolina salt marsh. Marine Ecology Progress Series. **27**: 187-194.
- 0621 Clements, L. A. J. (1985). Post-autotomy feeding behavior of *Microphiopholis gracillima* (Stimpson): Implications for regeneration. Proceedings, 5th International Echinoderm

- Conference. B. F. Keegon and B. D. S. O'Connor, Galway, Ireland: 609-615.
- 0622 Whiting, G. J., et al. (1986). Tight coupling of root-associated nitrogen fixation and plant photosynthesis in salt marsh grass *Spartina alterniflora* and CO₂ enhancement of nitrogenase activity. *Applied and Environmental Microbiology*. **52**: 108-113.
- 0623 Uncles, R. J. and B. Kjerfve (1986). Transverse structure of residual flow in North Inlet, SC. *Estuaries*. **9(1)**: 39-42.
- 0624 Feller, R. J. (1986). Immunological detection of *Mercenaria mercenaria* in a predator and preparation of size-class specific antibodies. *The Veliger*. **28(4)**: 341-347.
- 0625 Bidleman, T. F., et al. (1986). Vapor-particle partitioning of semi-volatile organic compounds: Estimates from field collections. *Environmental Science & Technology*. **20**: 1038-1042.
- 0626 Sauer, G. (1987). The effect of cadmium and zinc on calcium uptake and scale regeneration in *Fundulus heteroclitus*. *Pollution and Physiology of Marine Organisms*. Belle W. Baruch Library in Marine Science. F. J. Vernberg, W. B. Vernberg, F. Thurberg and A. Calabrese. Columbia, South Carolina, University of South Carolina Press. **17**: 373-400.
- 0627 Sauer, D. (1987). Cadmium-mediated depression of the constitutive and induced mixed function oxidase enzyme system in *Fundulus heteroclitus* resulting from exposure in vitro and in vivo. *Pollution and Physiology of Marine Organisms*. Belle W. Baruch Library in Marine Science. F. J. Vernberg, W. B. Vernberg, F. Thurberg and A. Calabrese. Columbia, South Carolina, University of South Carolina Press. **no. 17**: 401-420.
- 0628 Morris, J. T. and G. J. Whiting (1986). Emission of gaseous CO₂ from salt-marsh sediments and its relation to other carbon losses. *Estuaries*. **9(1)**: 9-19.
- 0629 Secor, D. H. and J. M. Dean (1986). Applications of the otolith's growth record to recruitment studies. *Min Rev Research Data File Fisheries Research*. **4**: 49-62.
- 0630 Whiting, G. J. and J. T. Morris (1986). Nitrogen fixation (C₂H₂ reduction) in a salt marsh: Its relationship to temperature and an evaluation of an in situ chamber technique. *Soil Biology and Biochemistry*. **18**: 515-521.
- 0631 Bidleman, T. F., et al. (1988). Toxaphene: Usage, aerial transport, and deposition. *Toxic Contamination in Large Lakes. Chronic Effects of Toxic Contamination in Large Lakes 1*. N. W. Schmidtke, Lewis Publishers : 257- 284.
- 0632 Palmer, M. A. and R. M. Malloy (1986). Water flow and the vertical distribution of meiofauna: A flume experiment. *Estuaries*. **9 (3)**: 225-228.
- 0633 Seim, H. E., et al. (1987). Tides of Mississippi Sound and the adjacent continental shelf. *Estuarine, Coastal and Shelf Science*. **25**: 143-156.
- 0634 Vernberg, F. J. (1988). The function of a pristine estuarine ecosystem. *The Ecology and Management of Wetlands. Ecology of Wetlands*. D. e. a. Hook, Croom Helm. **1**: 15-24.
- 0635 Vernberg, F. J. (1987). Crustacean Bioenergetics. *Animal Energetics*. T. J. Pandian and F. J. Vernberg. New York, Academic Press: 301-372.
- 0636 Moreira, G. S., et al. (1985). Comparative studies on the metabolism of *Euterpina acutifrons* (Dana) (Copepoda, Harpacticoida): Temperature and salinity effects in copepods from Georgetown, South Carolina. *Bulletin of Marine Science*. **37**: 691-696.
- 0637 Whiting, G. J., et al. (1987). Nitrogen exchange between a southeastern US salt marsh ecosystem and the coastal ocean. *Marine Biology*. **95**: 173-182.
- 0638 Bidleman, T. F. and W. T. Foreman (1987). Vapor-particle partitioning of semi-volatile organic compounds. *The Chemistry of Aquatic Pollutants*. R. A. Hites and S. J. Eisenreich. American Chemical Society, ACS Advances in Chemistry Series. **216**: 27-56.
- 0639 Dame, R. F., et al. (1986). The outwelling hypothesis in North Inlet, South Carolina. *Marine Ecology Progress Series*. **33**: 217-229.
- 0640 Palmer, M. A. (1986). Hydrodynamics and structure: Interactive effects on meiofauna

- dispersal. *Journal of Experimental Marine Biology and Ecology*. **104**: 53-68.
- 0641 Tompkins, M. E. (1987). South Carolina's Diked Wetlands: The persisting dilemmas. *Coastal Management*. **15**:135-155.
- 0642 Ember, L. M., et al. (1987). Processes that influence carbon isotope variations in salt marsh sediments. *Marine Ecology Progress Series*. **33**: 33-42.
- 0643 McLaughlin, R. A. and W. K. Michener (1985). RS/1: Stats, Graphs, and Data Manipulation. *Science Software Quarterly*. **2(2)**: 54-60.
- 0644 Wolaver, T. G., et al. (1988). Sediment exchange between a euhaline salt marsh in South Carolina and the adjacent tidal creek. *Journal of Coastal Research*. **4**: 17-26.
- 0645 Zinnel, C. A. and M. Marozas (1986). Evolution of Scientific Data Entry Techniques. *Research Data Management in the Ecological Sciences*. Belle W. Baruch Library in Marine Science. W. K. Michener. Columbia, SC, University of South Carolina Press. **16**: 61-72.
- 0646 Gardner, L. R. and I. Lerche (1987). Simulation of sulfate-dependent sulfate reduction using Monod kinetics. *Mathematical Geology*. **19**: 219-239.
- 0647 Smith, D. L. and B. C. Coull (1987). Juvenile spot (*Pisces*) and grass shrimp predation on meiobenthos in muddy and sandy substrates. *Journal of Experimental Marine Biology and Ecology*. **105**: 123-126.
- 0648 Liu, J. M. and W. B. Allen (1982). The Search and Review of Elementary Marine Education Materials. Charleston, SC, SC Sea Grant Consortium.
- 0649 Allen, W. B. and P. O. McLaughlin (1985). *Sea Sampler: Aquatic Activities for the Field and Classroom - Elementary*. Charleston, SC, SC Sea Grant Consortium.
- 0650 Allen, W. B. and P. O. McLaughlin (1985). *Sea Sampler: Aquatic Activities for the Field and Classroom - Secondary*. Charleston, SC, SC Sea Grant Consortium.
- 0651 Bell, J. L. (1988). Distribution and abundance of *Dissodactylus mellitae* Rathbun (Pinnotheridae) on *Mellita quinquiesperforata* (Leske) (Echinodermata). *Journal of Experimental Marine Biology and Ecology*. **117**: 93-114.
- 0652 Hunter, J. and R. J. Feller (1987). Immunological dietary analysis of two penaeid shrimp species from a South Carolina tidal creek. *Journal of Experimental Marine Biology and Ecology*. **107**: 61-70.
- 0653 Prince, E. D., et al. (1986). Longevity and age validation of a tag-recaptured Atlantic sailfish, *Istiophorus platypterus*, using dorsal spines and otoliths. *Fisheries Bulletin*. **84 (3)**: 493-502.
- 0654 Kjerfve, B. and T. G. Wolaver (1988). Sampling optimization for studies of tidal transport in estuaries. *Transactions of the American Fisheries Society*. **3**: 26-33.
- 0655 Wolfe, D. A. and B. Kjerfve (1986). *Estuarine Variability: An overview*. Estuarine Variability. D. A. Wolfe. New York, Academic Press: 3-17.
- 0656 Kjerfve, B. (1986). Comparative oceanography of coastal lagoons. *Estuarine Variability*. D. A. Wolfe. New York, Academic Press: 63-81.
- 0657 Kjerfve, B. (1986). The role of water currents in fluxes of carbon and nutrients through mangrove ecosystems. Report on the Workshop on Mangrove Ecosystem Dynamics. S. Cragg and N. Polunin. New Delhi, India, UNESCO UNDP: 159-165.
- 0658 DeVoe, M. R., et al. (1987). South Carolina's wetlands impoundments: A summary of research and policy issues. Proceedings, Symposium on Waterfowl and Wetlands Management in the Coastal Zone of the Atlantic Flyway. W. R. Whitman and W. H. Meredith. Dover, DE, Delaware Coastal Management Program, Delaware Department of Natural Resources and Environmental Control : 487-497.
- 0659 Feller, R. J. and R. B. Ferguson (1988). Quantifying stomach contents using immunoassays: A critique. *Immunochemical Approaches to Estuarine, Coastal and Oceanographic Questions*. Springer-Verlag Coastal Lecture Note Series. C. M. Yentsch, F.C. Mague and P. K. Horan, Springer-Verlag : 295-303.

- 0660 Zagursky, G. and R. J. Feller (1988). Application of immunoblotting dietary analysis. *Immunochemical Approaches to Estuarine, Coastal and Oceanographic Questions*. Springer-Verlag Coastal Lecture Note Series. C. M. Yentsch, F.C. Mague and P. K. Horan, Springer-Verlag : 117-129.
- 0661 Vernberg, W. B., et al. (1987). *Pollution Physiology of Estuarine Organisms*. Belle W. Baruch Library in Marine Science. Columbia, SC, University of South Carolina Press. **no. 17**.
- 0662 Scott, G. I., et al. (1987). Lethal and sublethal effects of insecticides commonly found in nonpoint source agricultural runoff to estuarine fish and shellfish. *Pollution Physiology of Estuarine Organisms*. Belle W. Baruch Library in Marine Science. W. B. Vernberg, A. Calabrese, F. Thurberg and F. J. Vernberg. Columbia, SC, University of South Carolina Press. **17**: 251-273.
- 0663 Coutinho, R. and R. Zingmark (1987). Diurnal photosynthetic response to light by macroalgae. *Journal of Phycology*. **23**: 336-343.
- 0664 Luckenbach, M. W. (1987). Effects of adult infauna on new recruits: Implications for the role of biogenic refuges. *Journal of Experimental Marine Biology and Ecology*. **105**: 197-206.
- 0665 Krantz, D. E., et al. (1987). Ecological and paleoenvironmental information using stable isotope profiles from living and fossil molluscs. *Palaeogeography, Paleoclimatology, and Palaeoecology*. **58**: 249-266.
- 0666 Woodin, S. A., et al. (1987). Occurrence of brominated compounds in soft bottom benthic organisms. *Journal of Experimental Marine Biology and Ecology*. **107**: 209-217.
- 0667 Smith, G. W. (1987). Microbial contributions to the growth and degradation of tropical seagrass. *Proceedings, Second Symposium on the Marine and Terrestrial Botany of the Bahamas*. San Salvador, Bahamas, CCSL Publications: 45-53.
- 0668 Collopy, M. W. and K. L. Bildstein (1987). Foraging behavior of northern harriers wintering in southeastern salt and fresh water marshes. *Auk*. **104**: 11-16.
- 0669 Marinelli, R. and B. C. Coull (1987). Structural complexity and juvenile fish predation on meiobenthos: An experimental approach. *Journal of Experimental Marine Biology and Ecology*. **108**: 67-81.
- 0670 Russell, G. A., et al. (1987). Reproductive rhythmicity of the atherinid fish *Colpichthys regis* from Estero del Soldado, Sonora, Mexico. *California Fish and Game*. **73**: 169-174.
- 0671 Caine, E. A. (1987). Potential effect of floating dock communities on a South Carolina estuary. *Journal of Experimental Marine Biology and Ecology*. **108**: 83-91.
- 0672 Dame, R. F. (1987). The net flux of inorganic matter by an intertidal oyster reef. *Continental Shelf Research*. **7**: 1421- 1424.
- 0673 Kjerfve, B., et al. (1988). Modelling of circulation and dispersion in Laguna de Terminos, Campeche, Mexico. Chapter 6. *Ecology of Coastal Ecosystems in the Southern Gulf of Mexico, with Special Reference to the Terminos Lagoon Region*. Community and Ecosystems Estuarine Profile. A. Yanez-Arancibia and J. W. J. Day. Mexico DF, Inst. Cienc. del Mar y Limnol., UNAM; Coast. Ecology Inst., LSU; Editorial Universitaria : 111-130.
- 0674 Kingsley, R. J., et al. (1987). Scleroblast cultures from the gorgonian *Leptogorgia virgulata* (Lamarck) (Coelenterata: Gorgonacea). *In Vitro*. **23(4)**: 297-302.
- 0675 Petit, D. R. and K. L. Bildstein (1987). Effect of group size and location within the group on the foraging behavior of white ibises. *Condor*. **89**: 602-609.
- 0676 Edwards, D. and B. C. Coull (1987). Autoregressive trend analysis: An example using long-term ecological data. *OIKOS*. **50**: 95-102.
- 0677 Wolaver, T. G. and J. D. Spurrier (1988). Carbon transport between a euhaline vegetated marsh in South Carolina and the adjacent tidal creek - Contributions via tidal

- inundation, runoff, and seepage. Marine Ecology Progress Series. **42**: 53-62.
- 0678 Wolaver, T. G. and J. D. Spurrier (1988). The exchange of phosphorus between a euhaline vegetated marsh and the adjacent tidal creek. Estuarine, Coastal and Shelf Science. **26**: 203-214.
- 0679 Borrero, F. J. (1987). Tidal height and gametogenesis: Reproductive variation among populations of *Geukensia demissa*. Biological Bulletin. **173**: 160-168.
- 0680 Lawrence, D. R. and J. P. Hall (1987). The upper Cretaceous Pee Dee - Black Creek formational contact at Burches Ferry, Florence County, South Carolina. SC Geology. **31**: 59-66.
- 0681 Chrzanowski, T. H. and J. D. Spurrier (1987). Exchange of microbial biomass between a *Spartina alterniflora* marsh and the adjacent tidal creek. Estuaries. **10(2)**: 118-125.
- 0682 Seim, H. E. and J. E. Sneed (1988). Enhancement of semidiurnal tidal currents in the tidal inlets to Mississippi Sound. Hydrodynamics and Sediment Dynamics of Tidal Inlets. Lecture Notes on Coastal and Estuarine Studies. D. G. Aubrey and L. Weishar. NY, Springer-Verlag. **29**: 157-168.
- 0683 Kjerfve, B. (1986). Physical flow processes in Caribbean waters over a range of scales. Caribbean Coastal Marine Productivity. J. C. Ogden, E. H. Gladfelter and t. C. S. Committee. Paris, UNESCO : 38-47.
- 0684 Foreman, W. T. and T. F. Bidleman (1987). An experimental system for investigating vapor-particle partitioning of trace organic pollutants. Environmental Science & Technology. **21**: 869-874.
- 0685 Couch, C. A. (1988). A procedure for extracting large numbers of debris-free living nematodes from muddy marine sediments. Transactions of the American Microscopy Society. **107**: 96-100.
- 0686 Swift Jr., L. W. and E. R. Blood (1987). Drought impact research at two LTER sites. Proceedings, Southeastern Drought Symposium. Columbia, SC, SC Water Resources Department.
- 0687 Eskin, R. A. and B. C. Coull (1987). Seasonal and three-year variability of meiobenthic nematode populations at two estuarine sites. Marine Ecology Progress Series. **41**: 295-303.
- 0688 Hilbish, T. J. and F. J. Vernberg (1987). Quantitative genetics of juvenile growth and shape in the mud crab, *Eurypanopeus depressus*. Biological Bulletin. **173**: 461-473.
- 0689 Smith, G. W. (1988). Influence of microbial deamination on ammonium pools in marine waters. Science of the Total Environment. **75**: 319-324.
- 0690 Bildstein, K. L. (1987). Energetic consequences of sexual dimorphism in white ibises. Auk. **104**: 771-775.
- 0691 Zaranski, M. T. and T. F. Bidleman (1987). High volume elution chromatography of dichlorobenzenes on a polyurethane foam Tenax sandwich cartridge. Journal of Chromatography. **409**: 235-242.
- 0692 Medeiros, C. and B. Kjerfve (1988). Tidal characteristics of the Strait of Magellan. Continental Shelf Research. **8(8)**: 947-960.
- 0693 Borrero, F. J. and T. Hilbish (1988). Temporal variation in shell and soft tissue growth of the mussel *Geukensia demissa*. Marine Ecology Progress Series. **42**: 9-15.
- 0694 Lawrence, D. R. (1988). 3000+ years of oyster utilization by humans. Proceedings, 1987 Interstate Seafood Seminar. Richmond, VA, Virginia Department of Health : 17-27.
- 0695 Coull, B. C. and R. J. Feller (1988). Site-to-site variability in abundance of meiobenthic copepods along a tidal gradient over 24 hours. Hydrobiologia. **167/168**: 477-483.
- 0696 Moore, R. (1992). Low-salinity backbays and lagoons. Biota of the Southeastern United States. New York, John Wiley and Sons: 541-614.
- 0697 Zimmerman, K., et al. (1988). Substrate selection by the burrowing brittlestar *Microphiopholis gracillima* (Stimpson) (Echinodermata: Ophiuroidea). Marine Behavior

- and Physiology. **13**: 239-255.
- 0698 Hilbish, T. J. and K. Zimmerman (1988). Genetic and nutritional control of the gametogenic cycle in *Mytilus edulis*. Marine Biology. **98**: 223-228.
- 0699 Krantz, D. E., et al. (1988). A model for interpreting continental shelf hydrographic processes from stable isotope and cadmium: Calcium profiles of scallop shell. Palaeogeography, Palaeoclimatology, and Palaeoecology. **64**: 123-140.
- 0700 Coull, B. C. (1988). Ecology of the marine meiofauna. Introduction to the Study of Meiofauna. R. P. Higgins and H. Theil. Washington, DC, Smithsonian Institution Press : 18-38.
- 0701 Feller, R. J. and R. M. Warwick (1988). Energetics. Chapter 13. Introduction to the Study of Meiofauna. R. P. Higgins and H. Theil. Washington, DC, Smithsonian Institution Press : 181-196.
- 0702 Coull, B. C. and O. Giere (1988). The history of meiofauna research. Introduction to the Study of Meiofauna. R.P. Higgins and H. Theil. Washington, DC, Smithsonian Institution Press : 14-17.
- 0703 Spurrier, J. D. and B. Kjerfve (1988). Estimating the net flux of nutrients between a salt marsh and a tidal creek. Estuaries. **11(1)**: 10-14.
- 0704 Coutinho, R. and Y. Yoneshigue (1988). Diurnal variation in photosynthesis vs irradiance curves from "sun" and "shade" plants of *Ptericladia capillacea* (Gmelin) Barnett et Thuret (Gelidiaceae, Rhodophyta) from Cabo Frio, Rio de Janeiro, Brazil. Journal of Experimental Marine Biology and Ecology. **118**: 217-228.
- 0705 Edwards, D. and J. J. Berry (1987). The efficiency of simulation-based multiple comparisons. Biometrics. **43**:913-928.
- 0706 Bidleman, T. F. (1988). Atmospheric processes: Wet and dry deposition of organic compounds are controlled by their vapor-particle distribution. Environmental Science and Technology. **22**: 361-367.
- 0707 Gawlik, D. E., et al. (1988). Naphthalene mothballs do not deter mammalian predators at red-winged blackbird nests. Journal of Field Ornithology. **59(2)**: 189-191.
- 0708 Watwood, M. E., et al. (1988). Factors involved in potential sulfur accumulation in water and soil from a coastal pine forest. Biogeochemistry. **6**: 3-19.
- 0709 Palmer, M. A. (1988). Epibenthic predators and marine meiofauna: Separating predation, disturbance, and hydrodynamic effects. Ecology. **69**: 1251-1260.
- 0710 Bildstein, K. L., et al. (1989). Consequences of sexual dimorphism in sand fiddler crabs, *Uca pugilator*: Differential vulnerability to avian predation. Animal Behavior. **37**: 133-139.
- 0711 Lawrence, D. R. (1988). Oysters as geoarchaeologic objects. Geoarchaeology. **3(4)**: 267-274.
- 0712 Stancyk, S. E. and G. S. Moreira (1988). Inheritance of male dimorphism in Brazilian populations of *Euterpina acutifrons* (Dana) (Copepoda: Harpacticoida). Journal of Experimental Marine Biology and Ecology. **120**: 125-144.
- 0713 Webster, J., et al. (1985). Long-term research in stream ecology. Bulletin Ecological Society of America. **66**: 346-353.
- 0714 Billheimer, L. E. and B. C. Coull (1988). Bioturbation and recolonization of meiobenthos in juvenile spot (Pisces) feeding pits. Estuarine Coastal and Shelf Science. **27**: 335-340.
- 0715 Clements, L. A. J., et al. (1988). Regeneration by an amphipod brittle star exposed to different concentrations of dissolved organic matter. Journal of Experimental Marine Biology and Ecology. **122**: 47-61.
- 0716 Wolaver, T. G., et al. (1988). The Bly Creek ecosystem study: Nitrogen exchange within a euhaline salt marsh basin, North Inlet, South Carolina. Marine Ecology Progress Series. **49**: 107-116.
- 0717 Wolaver, T. G., et al. (1988). The Bly Creek ecosystem study: Inorganic sediment transport within a euhaline salt marsh basin, North Inlet, South Carolina. Journal of Coastal

- Research. **4(4)**: 607-615.
- 0718 Morris, J. T. (1988). Pathways and controls of the carbon cycle in salt marshes. The Ecology and Management of Wetlands. Ecology of Wetlands. D. D. H. e. al. London, Croom Helm. **1**: 497-510.
- 0719 Sauer, G. R. and N. Watabe (1988). The effects of heavy metals and metabolic inhibitors on calcium uptake by gills and scales of *Fundulus heteroclitus* in vitro. Comparative Biochemistry and Physiology. **91C(2)**: 473-478.
- 0720 Dankers, N., et al. (1989). Oxygen consumption of mussel beds in the Dutch Wadden Sea. Scientia Marina. **53**:473-476.
- 0721 Patton, G. W., et al. (1989). Airborne organochlorines in the Canadian high Arctic. Tellus. **41 B**: 243-255.
- 0722 Dame, R. F. and N. Dankers (1988). Uptake and release of materials by a Wadden Sea mussel bed. Journal of Experimental Marine Biology and Ecology. **118**: 207-216.
- 0723 Asmus, M. and H. N. McKellar Jr. (1990). Network analysis of the North Inlet salt marsh ecosystem, Chapter 9. Network Analysis in Marine Ecology. Methods and Applications. Coastal and Estuarine Studies. F. Wulff, J. G. Field and K. H. Mann. Berlin, Springer-Verlag: 206-219.
- 0724 Michener, W. K. and B. Kjerfve (1987). North Inlet, SC. The Climate of the Long-Term Ecological Research Sites. Occasional Paper No. 44. D. Greenland. Boulder, CO, Institute of Arctic and Alpine Research, University of Colorado : 56-60.
- 0725 Turner, M. G., et al. (1989). Methods to compare spatial patterns for landscape modelling and analysis. Ecology Modelling. **48**: 1-18.
- 0726 Whiting, G. J. and D. L. Childers (1989). Subtidal advective water flux as a potentially important nutrient input to southeastern USA saltmarsh estuaries. Estuarine Coastal Shelf Science. **28**: 417-431.
- 0727 Sauer, G. R. and N. Watabe (1989). Temporal and metal-specific patterns in the accumulation of heavy metals by the scales of *Fundulus heteroclitus*. Aquatic Toxicology. **14**: 233-248.
- 0728 Gardner, L. R., et al. (1988). Spatial variations in the sulfur chemistry of salt marsh sediments at North Inlet, South Carolina. Journal of Marine Research. **46(4)**: 815-836.
- 0729 Kenworthy, W. J., et al. (1989). Production, decomposition, and heterotrophic utilization of the seagrass *Halophila decipiens* in a submarine canyon. Marine Ecology Progress Series. **51**: 277-290.
- 0730 Dame, R. F. (1989). The importance of *Spartina alterniflora* to Atlantic Coast estuaries. Rev Aquatic Science. **1(4)**: 639-660.
- 0731 Quick, P. and T. L. De Santo (1989). Flight speeds and energy requirements for white ibises (*Eudocimus albus*) flying to foraging sites. Auk. **106**: 141-144.
- 0732 Couch, C. A. (1989). Carbon and nitrogen stable isotopes of meiobenthos and their food resources. Estuarine Coastal and Shelf Science. **28**: 433-441.
- 0733 Morris, J. (1989). Modelling light distribution within the canopy of the marsh grass *Spartina alterniflora* as a function of canopy biomass and solar angle. Agric Forest Meteorol. **46**: 349-361.
- 0734 McTigue, T. A. and R. J. Feller (1989). Feeding of juvenile white shrimp (*Penaeus setiferus*) Periodic or continuous? Marine Ecology Progress Series. **52**: 227-233.
- 0735 Secor, D. H. and J. M. Dean (1989). Somatic growth effects on the otolith - Fish size relationship in young pond-reared striped bass, *Morone saxatilis*. Canadian Journal of Fisheries and Aquatic Science. **46**: 113-121.
- 0736 Chrzanowski, T. H. and R. G. Zingmark (1989). Bacterial abundance, biomass, and secondary production along a forest to ocean landscape gradient. Journal of Experimental Marine Biology and Ecology. **125(3)**: 253-266.

- 0737 Harden, S. L. and D. F. Williams (1989). Stable carbon isotopic evidence: sources of particulate organic carbon found in sea foam. *Estuaries*. **12(1)**: 49-56.
- 0738 Whiting, G. J., et al. (1989). Nitrogen exchange between a portion of vegetated salt marsh and the adjoining creek. *Limnology and Oceanography*. **34(2)**: 463-473.
- 0739 Harrell, R. M. and J. M. Dean (1988). Identification of juvenile hybrids of *Morone* based on meristics and morphometrics. *Transactions of the American Fisheries Society*. **117**: 529-535.
- 0740 Caine, E. A. (1989). Caprellid amphipod behavior and predatory strikes by fish. *Journal of Experimental Marine Biology and Ecology*. **126**: 173-180.
- 0741 Nelson, A. L. and B. C. Coull (1989). Selection of meiobenthic prey by juvenile spot (Pisces): An experimental study. *Marine Ecology Progress Series*. **53**: 51-57.
- 0742 Wolaver, T. and T. Williams (1986). Streamwater chemistry of a small, forested watershed on the South Carolina coast. *Southeastern Geology*. **27(1)**: 45-52.
- 0743 Jackson, L. F. and T. F. Bidleman (1990). Fluorescence spectroscopic studies of differential accumulation of aromatic hydrocarbons to *Callinassa kraussi*. *Oil Chemistry Pollut.* **6**: 1-19.
- 0744 Lawrence, D. R. (1989). An oyster-bearing locality from the Wicomico Terrace in South Carolina. *Current Research in the Pleistocene*. **6**: 61-62.
- 0745 Kjerfve, B. and K. E. Magill (1989). Geographic and hydrodynamic characteristics of shallow coastal lagoons. *Marine Geology*. **88**: 187-199.
- 0746 Dame, R. F., et al. (1989). Carbon, nitrogen, and phosphorus processing by an oyster reef. *Marine Ecology Progress Series*. **54**: 249-256.
- 0747 Li, Y., et al. (1990). Chronic low-level hydrocarbon pollution stimulates plant growth and microbial activity in salt marsh microcosms. *Journal of Applied Ecology*. **27**: 1579-1171.
- 0748 Michener, W. K., et al. (1989). Geographic information systems for coastal research. *Proceedings, Coastal Zone '89 Conference. Sixth Symposium on Coastal and Ocean Management. O. T. Magoon, H. Converse, D. Miner, L. T. Tobin and D. Clark, ASCE*. **5**: 4791-4805.
- 0749 Bradley, P. M. and J. T. Morris (1990). Influence of oxygen and sulfide concentration on nitrogen uptake kinetics in *Spartina alterniflora*. *Ecology*. **71**: 282-287.
- 0750 Ornes, H. and D. I. Kaplan (1989). Macronutrient status of tall and short forms of *Spartina alterniflora* in a South Carolina salt marsh. *Marine Ecology Progress Series*. **55**: 63-72.
- 0751 Cotham, W. E. and T. F. Bidleman (1989). Degradation of malathion, endosulfan, and fenvalerate in seawater and seawater-sediment microcosms. *Journal of Agric Food Chemistry*. **37**: 824-828.
- 0752 Coull, B. C., et al. (1989). Controls on the vertical distribution of meiobenthos in mud: Field and flume studies with juvenile fish. *Marine Ecology Progress Series*. **55**: 133-139.
- 0753 Jackson, L. F., et al. (1981). Influence of reproductive activity on toxicity of petroleum hydrocarbons to ghost crabs. *Marine Pollution*. **12**: 63-65.
- 0754 Johnston, J. W. and K. L. Bildstein (1990). Dietary salt as a physiological constraint in white ibises breeding in an estuary. *Physiological Zoology*. **63**: 190-207.
- 0755 Ellis, M. J. and B. C. Coull (1989). Fish predation on meiobenthos: Field experiments using juvenile spot (Pisces). *Journal of Experimental Marine Biology and Ecology*. **130**: 19-32.
- 0756 Miller, A. B., et al. (1989). *Research Bibliography - Publications of the Belle W. Baruch Institute for Marine Biology and Coastal Research. Columbia, SC, Baruch Institute, University of South Carolina.*
- 0757 Christy, J. H. (1989). Rapid development of megalopae of the fiddler crab *Uca pugilator*

- reared over sediment: Implications for models of larval recruitment. *Marine Ecology Progress Series*. **57(3)**: 259-265.
- 0758 Bidleman, T. F., et al. (1989). Toxaphene and other organochlorines in Arctic Ocean fauna: Evidence for Atmospheric delivery. *Arctic*. **42**: 307-313.
- 0759 Gardner, L. R., et al. (1989). Time series analyses of suspended sediment concentrations at North Inlet, South Carolina. *Estuaries*. **12(4)**: 211-221.
- 0760 Hinckley, D. A. and T. F. Bidleman (1989). Analysis of pesticides in seawater after enrichment onto C8 bonded-phase cartridges. *Environmental Science and Technology*. **23**: 995-1000.
- 0761 Kaplan, D. I., et al. (1990). Chemical interactions between seagrasses and carbonate sediments. *Proceedings, Botany of the Bahamas*. R. R. Smith. Bahamas, Bahamian Field Station. **3**: 41-46.
- 0762 Smith, G. W., et al. (1990). Distribution and biomass of seagrasses in San Salvador, Bahamas. *Proceedings, Botany of the Bahamas*. R. R. Smith. Bahamas, Bahamian Field Station. **3**: 67-77.
- 0763 Feller, R. J. (1991). Dietary analysis of Penaeid shrimp: The immunoassay approach. *Frontiers in Shrimp Research*. P. DeLoach, W. J. Dougherty and M. A. Davidson. The Netherlands, Elsevier : 141-156.
- 0764 Ogburn, M. V., et al. (1988). Fishes, Shrimps, and Crabs of the North Inlet Estuary, SC: A Four-Year Seine and Trawl Survey. Columbia, SC Baruch Institute, University of South Carolina.
- 0765 Caine, E. A. (1989). Relationship between wave activity and robustness of caprellid amphipods. *Journal of Crustacean Biology*. **9(3)**: 425-431.
- 0766 Wilbur, A. E. and T. J. Hilbish (1989). Physiological energetics of the ribbed mussel, *Guekensia demissa* (Dillwyn), in response to increased temperature. *Journal of Experimental Marine Biology and Ecology*. **131**: 161-170.
- 0767 Gardner, L. R. (1990). Simulation of the diagenesis of carbon, sulfur, and dissolved oxygen in salt marsh sediments. *Ecological Monographs*. **60**: 91-111.
- 0768 Haimbaugh Jr., G. D. (1989). Impact of the Reagan Administration on the Law of the Sea. *Washington and Lee Law Review*. **46(1)**: 151-200.
- 0769 Boumans, R. and F. Sklar (1990). A polygon-based spatial (PBS) model for simulating landscape change. *Journal of Landscape Ecology*. **4(2)**: 83-97.
- 0770 Kjerfve, B. and K. E. Magill (1990). Salinity changes in Charleston Harbor 1922-1987. *Journal of Waterway, Port, Coastal, and Ocean Engineering, ASCE*. **116(2)**: 153-168.
- 0771 Vernberg, F. J. (1989). Overview of South Carolina estuaries. *Charleston Harbor: Issues, Resources, Status, and Management*. NOAA Estuary-of-the-Month Seminar Series. Washington, DC, US Department of Commerce, NOAA Estuarine Programs Office. **16**: 1-6.
- 0772 Kjerfve, B. (1989). Physical processes in Charleston Harbor. *Charleston Harbor: Issues, Resources, Status, and Management*. NOAA Estuary-of-the-Month Seminar Series No. 16. Washington, DC, US Department of Commerce, NOAA Estuarine Programs Office : 13-24.
- 0773 Blood, E. R., et al. (1989). Charleston Harbor water quality. *Charleston Harbor: Issues, Resources, Status, and Management*. NOAA Estuary-of-the-Month Seminar Series No. 16. Washington, DC, US Dept. of Commerce, NOAA Estuarine Programs Office : 25-35.
- 0774 Chandler, G. T. (1989). Foraminifera may structure meiobenthic communities. *Oecologia*. **81**: 354-360.
- 0775 Gardner, L. R. and I. Lerche (1990). Simulation of sulfur diagenesis in anoxic marine sediments using Rickard kinetics for FeS and FeS₂ formation. *Computer Geoscience*. **16**: 441-460.
- 0776 Sauer, G. R. and N. Watabe (1989). Ultrastructural and histochemical aspects of zinc

- accumulation by fish scales. *Tissue & Cell*. **21**: 935-943.
- 0777 Samata, T., et al. (1989). Ca-binding glycoprotein from the spicules of the octocoral *Leptogorgia virgulata*. *Comparative Biochemistry and Physiology*. **94B**: 651-654.
- 0778 Michener, W., et al. (1990). Climatic variability and salt marsh ecosystem response: Relationship to scale. *Climate Variability and Ecosystem Response. Proceedings, Long-Term Ecological Research Workshop. US Forest Service General Technical Rep. SE-65. D. Greenland and L. W. J. Swift. Asheville, NC, USDA Forest Service* : 27-37.
- 0779 Gardner, L. R. (1990). Simulation of the diagenesis of carbon, sulfur and dissolved oxygen in salt marsh sediments: Description of Model Formulation and Computer Code *Ecological Monographs. (microfische) ESA Supplementary Publication Service document #8903.* : 61 p.
- 0780 Chandler, G. T. (1990). Effects of sediment-bound residues of pyrethroid insecticide fenvalerate on survival and reproduction of meiobenthic copepods. *Marine Environmental Research*. **29**: 65-76.
- 0781 Secor, D. H., et al. (1989). Comparison of otolith growth and somatic growth in larval and juvenile fishes based on otolith length/fish length relationships. *Rapp P-V Reun Cons Int Explor Mer*. **191**: 431-438.
- 0782 Bildstein, K. L. and I. L. Brisbin Jr. (1990). Lands for long-term research in conservation biology. *Conservation Biology*. **4(3)**: 301-308.
- 0783 Sklar, F. H. and R. Costanza (1990). The development of dynamic spatial models for landscape ecology: A review and prognosis. *Quantitative Methods in Landscape Ecology. The Analysis and Interpretation of Landscape Heterogeneity. M. G. Turner and R. H. Gardner. NY, Springer-Verlag* : 239-288.
- 0784 Young, B. L. (1991). *Spartina* axil zones: Preferred settlement sites of barnacles. *Journal of Experimental Marine Biology and Ecology*. **151(1)**: 71-82.
- 0785 Bradley, P. M. and J. T. Morris (1990). Physical characteristics of salt marsh sediments: Ecological implications. *Marine Ecology Progress Series*. **61**: 245-252.
- 0786 Bidleman, T. F., et al. (1990). Petroleum hydrocarbons in the surface waters of two estuaries in the southeastern United States. *Estuarine Coastal and Shelf Science*. **30** 91-109.
- 0787 Jensen, J. R., et al. (1989). Remote sensing and numerical modelling of suspended sediment in Laguna de Terminos, Campeche, Mexico. *Remote Sensing of the Environmental*. **28**: 33-44.
- 0788 Vernberg, F. J., et al. (1989). Long-term ecological research on the North Inlet forest-wetlands-marine landscape, Georgetown, SC. *Barrier Island/Salt Marsh Estuaries of the Southeast Atlantic Ocean: Issues, Resources, Status and Management. NOAA Estuary-of-the-Month Seminar Series. No. 12. Washington, DC, NOAA* : 53-76.
- 0789 Feller, R. J., et al. (1990). Immunoelectrophoretic assay of mixed species meals: An example using Penaeid shrimp. *Proc. 24th European Marine Biology Symposium. M. Barnes, Aberdeen University Press* : 588-596.
- 0790 Bildstein, K. L., et al. (1990). Freshwater wetlands, rainfall, and the breeding ecology of white ibises in coastal South Carolina. *Wilson Bulletin*. **102**: 84-98.
- 0791 McMahon, P. B., et al. (1990). The production and carbon isotopic composition of bacterial CO₂ in deep coastal plain sediments of South Carolina. *Ground Water*. **28**: 693-702.
- 0792 Woodin, S. A. and R. Marinelli (1991). Biogenic habitat modification in marine sediments: The importance of species composition and activity. *Symposium of the Zoological Society of London*. **63**: 231-250.
- 0793 Rawson, P. D. and T. J. Hilbish (1990). Heritability of juvenile growth for the hard clam *Mercenaria mercenaria* (L). *Marine Biology*. **105**: 429-436.
- 0794 Crosby, M. P. and L. D. Gale (1990). A review and evaluation of bivalve condition index

- methodologies with a suggested standard method. Shellfish Research. **9**: 233-237.
- 0795 Hentschel, B. T. and R. J. Feller (1990). Quantitative immunoassay of the proventricular contents of white shrimp (*Penaeus setiferous* Linnaeus): A laboratory study. Journal of Experimental Marine Biology and Ecology. **139**: 85-99.
- 0796 Feller, R. J., et al. (1990). Meiobenthic copepods: Tracers of where juvenile *Leiostomus xanthurus* (Pisces) feed? Canadian Journal of Fisheries and Aquatic Science. **47**: 1913-1919.
- 0797 Coull, B. C. (1990). Are members of the meiofauna food for higher trophic levels? Transactions of the American Microscopy Society. **109(3)**: 233-246.
- 0798 Kjerfve, B. and B. Knoppers (1991). Tidal choking in a coastal lagoon. Tidal Hydrodynamics. B. Parker. New York, John Wiley & Sons: 169-181.
- 0799 Dame, R. F., et al. (1990). The Bly Creek Ecosystem Study - Phosphorus transport in a euhaline salt marsh basin, North Inlet, South Carolina. Netherlands Journal of Sea Research. **27(1)**: 73-80.
- 0800 De Santo, T. L., et al. (1990). Plumage and behavioral development of nestling white ibises. Wilson Bulletin. **102(2)**: 226-238.
- 0801 Palm, R. (1989). Management of community small water bodies for fish production in Africa. Summary of proceedings and selected papers. Symp. on the Development and Management of Fisheries in Small Water Bodies. FAO Fisheries Rep. No. 425. M. Giasson and J.-L. Gaudet. Rome, FAO : 139-169.
- 0802 Costanza, R., et al. (1990). Modeling coastal landscape dynamics. BioScience. **40(2)**: 91-107.
- 0803 Allen, D. M. and D. L. Barker (1990). Interannual variability in larval fish recruitment to estuarine epibenthic habitats. Marine Ecology Progress Series. **63**: 113-125.
- 0804 Crosby, M. P. and C. F. Roberts (1990). Seasonal infection intensity cycle of the parasite *Perkinsus marinus* (and an absence of *Haplosporidium* spp) in oysters from a South Carolina salt marsh. Journal of Diseases of Aquatic Organisms. **9** 149-155.
- 0805 Hinckley, D. A., et al. (1990). Determination of vapor pressure for nonpolar and semipolar organic compounds from gas chromatographic retention data. J Chem Engineering Data. **35**: 232-237.
- 0806 Bildstein, K. L. (1990). Status, conservation, management of the scarlet ibis, *Eudocimus ruber*, in the Caroni Swamp, Trinidad, West Indies. Biological Conservation. **54**: 61-78.
- 0807 Johnson, W. S., et al. (1990). Short-term predation responses of adult bay anchovies, *Anchoa mitchilli*, to estuarine zooplankton availability. Marine Ecology Progress Series. **64**: 55-68.
- 0808 Bidleman, T. F., et al. (1990). Chlorinated pesticides and PCBs in the atmosphere of the Canadian Arctic. Chapter 23. Long Range Transport of Pesticides. D. A. Kurtz. Chelsea, Michigan, Lewis Publications : 347-372.
- 0809 Myers, P. E. (1990). Space versus other limiting resources for a colonial tunicate, *Botrylloides leachii* (Savigny), on fouling plates. Journal of Experimental Marine Biology and Ecology. **141**: 47-52.
- 0810 Archambault, J. A. and R. J. Feller (1991). Diel variations in gut fullness of juvenile spot, *Leiostomus xanthurus* (Pisces). Estuaries. **14(1)**: 94-101.
- 0811 Sklar, F. H. and R. Costanza (1990). Modelling natural and human impacts on wetlands. Preparing for the 21st Century: Solving management problems through interpretation. 1990 Roundtable Sessions. Ft. Collins, CO, Federal Interagency Council of the National Association of Interpretation : II-95-II-123.
- 0812 Bradley, P., et al. (1990). Rediversion salinity change in the Copper River, South Carolina: Ecological implications. Estuaries. **13**: 373-379.
- 0813 Foreman, W. T. and T. F. Bidleman (1990). Semivolatile organic compounds in the ambient air of Denver, Colorado. Atmospheric Environment. **24A**: 2405-2416.
- 0814 Stewart, R. W., et al. (1990). Relative sea-level change: A critical evaluation. Paris, UNESCO.

- 0815 Kjerfve, B. (1993). Global sea level rise and local sea level change. Paleoclimatic Changes and the Carbon Cycle. Série Geoquímica Ambiental 1. L. D. Lacerda, B. Turcq, B. Knoppers and B. Kjerfve. Rio de Janeiro, Sociedade Brasileira de Geoquímica: 25-33.
- 0816 Chandler, G. T. and G. I. Scott (1991). Effects of sediment-bound endosulfan on survival, reproduction, and larval settlement of meiobenthic polychaetes and copepods. Environmental Toxicology and Chemistry. **10**: 375-382.
- 0817 Gardner, L. R., et al. (1991). Ecological impact of Hurricane Hugo - Salinization of a coastal forest. Journal of Coastal Research. **8**: 301-317.
- 0818 Kjerfve, B. and K. E. Magill (1989). Hydrological changes in Charleston Harbor, South Carolina. ASCE Conference, Proceedings, Coastal Zone '89. **3**: 2640-2649.
- 0819 Kjerfve, B., et al. (1991). Modelling water circulation in an estuary and intertidal salt marsh system. Netherlands Journal of Sea Research. **28(3)**: 141-147.
- 0820 Kjerfve, B. (1990). Coastal lagoons. The World & I. **5(5)**: 312-317.
- 0821 Michener, W. K., et al. (1990). Long-Term Ecological Research Network Core Data Set Catalog. Columbia, SC, Baruch Institute, University of South Carolina.
- 0822 Kenny, P. D., et al. (1990). Spatial and temporal patterns of oyster settlement in a high salinity estuary. Journal of Shellfish Research. **9**: 329-339.
- 0823 Morris, J. T., et al. (1990). Dependence of estuarine productivity on anomalies in mean sea level. Limnology and Oceanography. **35(4)**: 926-930.
- 0824 Bradley, P. M. and J. T. Morris (1991). The influence of salinity on the kinetics of NH₄⁺ uptake in *Spartina alterniflora*. Oecologia. **85**: 375-380.
- 0825 Bildstein, K. L., et al. (1992). The relative importance of biotic and abiotic vectors in nutrient transport. Estuaries. **15(2)**: 147-157.
- 0826 Nehring, S., et al. (1990). Tube-dwelling nematodes: Tube construction and possible ecological effects on sediment-water interfaces. Marine Ecology Progress Series. **64**: 123-128.
- 0827 Ong, J., et al. (1991). Characterization of a Malaysian mangrove estuary. Estuaries. **14(1)**: 38-48.
- 0828 Cotham, W. E. and T. F. Bidleman (1991). Estimating the atmospheric deposition of organochlorine contaminants to the Arctic. Chemosphere. **22(1-2)**: 165-188.
- 0829 Gardner, L. R., et al. (1991). The geomorphic effects of Hurricane Hugo on an undeveloped coastal landscape at North Inlet, SC. Journal of Coastal Research. **8**: 181-186.
- 0830 Dobson, W. E., et al. (1991). Nutrient translocation during early disc regeneration in the brittlestar *Microphiopholis gracillima* (Stimpson) (Echinodermata: Ophiuroidea). Biological Bulletin. **180**: 167-184.
- 0831 McGrath, T. A., et al. (1994). Monitoring the patch reefs of San Salvador, Bahamas, for changes due to bleaching and disease. Proceedings, 26th Meeting of the Association of Marine Laboratories of the Caribbean. San Salvador, Bahamas: 147-156.
- 0832 Kjerfve, B. (1990). Manual for the Investigation of Hydrological Processes in Mangrove Ecosystems. New Delhi, UNESCO/UNDP.
- 0833 Kjerfve, B., et al. (1990). Hydrological regimes in Lagoa de Guarapina, a shallow Brazilian coastal lagoon. Acta Limnol Brasil. **3**: 931-949.
- 0834 Morris, J. T. and E. Haskin (1990). A 5-year record of aerial primary production and stand characteristics of *Spartina alterniflora*. Ecology. **71(6)**: 2209-2217.
- 0835 Haddad, K. D. and W. K. Michener (1991). Design and implementation of a coastal resource Geographic Information System: Administrative considerations. Proceedings, Coastal Zone '91. Symposium on Coastal and Ocean Management. O. T. M. e. al., ASCE : 1958-1967.

- 0836 Michener, W. K., et al. (1991). Incorporating Global Positioning System technology into coastal mapping and research. Proceedings, Coastal Zone '91. Symposium on Coastal and Ocean Management. O. T. M. e. al., ASCE :332-346.
- 0837 Service, S. K. and R. J. Feller (1992). Long-term trends of subtidal macrobenthos in North Inlet, South Carolina. *Hydrobiologia*. **231**: 13-40.
- 0838 Scholz, D. S., et al. (1991). Detecting selective digestion of meiobenthic prey by juvenile spot *Leiostomus xanthurus* (Pisces) using immunoassays. *Marine Ecology Progress Series*. **72**: 59-67.
- 0839 Morrison, J. R. (1990). Blue Tilapia Production in South Carolina. Columbia, SC, Belle W. Baruch Institute, University of South Carolina.
- 0840 Dame, R. F., et al. (1991). The influence of mussel beds on nutrient cycling in two Dutch estuaries. *Estuaries*. **14**: 130-138.
- 0841 Frix, M. S., et al. (1991). Intra- and interspecies differences in the responses of Atlantic sand (*Uca pugilator*) and Atlantic marsh (*Uca pugnax*) fiddler crabs to simulated avian predators. *Journal of Crustacean Biology*. **11(4)**:523-529.
- 0842 Childers, D. L., et al. (1993). A dynamic nutrient budget of subsystem interactions in a salt marsh estuary. *Estuarine Coastal and Shelf Science*. **36**: 105-131.
- 0843 Hwang, Y. H. and J. T. Morris (1991). Evidence for hygrometric pressurization in the internal gas space of *Spartina alterniflora*. *Plant Physiology*. **96**: 166-171.
- 0844 Morris, J. T. (1991). Effects of nitrogen loading on wetland ecosystems with particular reference to atmospheric deposition. *Ann Rev Ecology Syst*. **22**: 257-279.
- 0845 Allen, W. B. and D. M. Allen (1990). Bridging the gap at the Belle W Baruch Institute for Marine Biology and Coastal Research. *Current*. **10(1)**: 19-22.
- 0846 Harrell, R. and J. M. Dean (1987). Pterygiophore interdigitation patterns and morphometry of larval hybrids of *Morone* species. *Transactions of the American Fisheries Society*. **116**: 719-727.
- 0847 Blood, E. R. and F. J. Vernberg (1992). Characterization of the physical, chemical, and biological conditions and trends in Winyah Bay and North Inlet Estuaries: 1970-1985. Characterization of the Physical, Chemical, and Biological Conditions and Trends in Three South Carolina Estuaries. Charleston, SC, SC Sea Grant Consortium. **II**.
- 0848 Hinckley, D. A., et al. (1991). Atmospheric organochlorine pollutants and air-sea exchange of hexachlorocyclohexane in the Bering and Chukchi seas. *Journal of Geophysical Research*. **96(C4)**: 7201-7213.
- 0849 Beckman, D. W., et al. (1990). Variability in incorporation of calcein as a fluorescent marker in fish otoliths. *American Fisheries Society Symposium*. **7**: 547-549.
- 0850 Crosby, M. P., et al. (1991). Effects of immersion times and tidal position of in situ growth rates of a naturally settled eastern oysters, *Crassostrea virginica* (Gmelin,1791). *Journal of Shellfish Research*. **10(1)**: 95-103.
- 0851 Wattayakorn, G., et al. (1990). Mixing, trapping, and outwelling in the Klong Ngao mangrove swamp, Thailand. *Estuarine Coastal and Shelf Science*. **31**: 667-688.
- 0852 Fielman, K. T., et al. (1991). The effects of arm and disc loss on regeneration by *Microphiopholis gracillima* (Echinodermata: Ophiuroidea) in nutrient-free seawater. *Marine Biology*. **111**: 121-127.
- 0853 Bildstein, K. L., et al. (1991). Approaches to the conservation of coastal wetlands in the western hemisphere. *Wilson Bulletin*. **103(2)** 218-254.
- 0854 Feller, R. J. (1992). Potential applications of immunoassays in studies of flatfish recruitment. *Netherlands Journal of Sea Research*. **29(1-3)**: 1-5.
- 0855 Dame, R., et al. (1991). Annual material processing by a salt marsh-estuarine basin in South Carolina, USA. *Marine Ecology Progress Series*. **72**: 153-166.
- 0856 Zaranski, M. T., et al. (1991). Collection of nonpolar organic compounds from ambient air using polyurethane foam-granular adsorbent sandwich cartridges. *Analytical*

- Chemistry. **63(13)**: 1228-1232.
- 0857 Secor, D. H., et al. (1991). Immersion marking of larval and juvenile hatchery-produced striped bass with oxytetracycline. *Transactions of the American Fisheries Society*. **120**: 261-266.
- 0858 Patton, G. W., et al. (1991). Polycyclic aromatic and organochlorine compounds in the atmosphere of northern Ellesmere Island, Canada. *Journal of Geophysical Research-Atmospheres*. **96(D6)**: 10867-10877.
- 0859 Kjerfve, B. (1991). Prospects of sea-level change. *IMS Newsletter (International Marine Science, UNESCO)*. **57 58**: 4-5.
- 0860 Gale, L. L., et al. (1991). Energetic costs to the American oyster, *Crassostrea virginica* (Gmelin), due to recent parasitism by the ectoparasite gastropod *Boonea impressa* (Say). *Marine Ecology Progress Series*. **79(1-2)**: 89-98.
- 0861 Wilson, C. A., et al. (1991). An examination of sexual dimorphism in Atlantic and Pacific blue marlin using body weight, sagittae weight, and age estimation. *Journal of Experimental Marine Biology and Ecology*. **151**: 209-225.
- 0862 Hinckley, D. A., et al. (1993). Long-range transport of atmospheric organochlorine pollutants and air-sea exchange of hexachlorocyclohexane. Results of the Third Joint USA-USSR Bering Sea Expedition, Summer 1988. Washington, D.C, US Fish and Wildlife Service, Dept. of Interior, and USSR State Committee on Hydrometeorology and Natural Environmental Control: 267-351.
- 0863 Kucklick, J. R., et al. (1991). Determination of Henry's Law constants for hexachlorocyclohexanes in distilled water and artificial seawater as a function of temperature. *Marine Chemistry*. **43**: 197-209.
- 0864 Clements, L. A. J. and T. J. Hilbish (1991). Comparison of fluorescamine on o-phthalaldehyde methods for measuring amino acid exchange in marine organisms. *Limnology and Oceanography*. **36(7)**: 1463-1471.
- 0865 Smith, G. W. and B. Greenwood (1992). Seasonal variations in seagrass biomass from a tropical carbonate environment. Proceedings, 4th Symposium on Natural History of the Bahamas. W. H. Eshbaugh. San Salvada, Bahamas, Bahamian Field Station: 103-108.
- 0866 Morgan, T. and G. W. Smith (1992). Deamination and glucose repression of seagrass rhizoplane isolates. Proceedings, 4th Symposium on Natural History of the Bahamas. W. H. Eshbaugh. San Salvada, Bahamas, Bahamian Field Station: 91-95.
- 0867 Ducate, L. and G. W. Smith (1992). Pure culture studies of seagrass rhizoplane isolates. Proceedings, 4th Symposium on Natural History of the Bahamas. B. F. Station, San Salvada, Bahamas. **Eshbaugh, W.H.**: 23-29
- 0868 Bradley, P. M. and J. T. Morris (1991). Relative importance of ion exclusion, secretion, accumulation in *Spartina alterniflora* Loisel. *Experimental Botany*. **42**: 1525-1532.
- 0869 Kjerfve, B., et al. (1992). Modeling of the residual circulation in Broken Bay and the lower Hawkesbury River, NSW. *Australian Journal of Marine and Freshwater Research*. **43**: 1339-1357.
- 0870 Shepherd, P., et al. (1991). The impact of Hurricane Hugo on the breeding ecology of wading birds at Pumpkinseed Island, Hobcaw Barony, South Carolina. *Colonial Waterbirds*. **14(2)**: 150-157.
- 0871 Allen, W. B. and P. S. McLaren (1991). A Guide to Aquatic Field Study Sites in South Carolina. Charleston, SC, SC Sea Grant Consortium.
- 0872 Sklar, F. H., et al. (1991). Developments in regional scale simulation and analysis: Case studies from coastal wetland ecosystems. *Environmental Monitoring - Application of remote sensing and GIS*. R. B. Singh. Hong Kong, Geocarto International Centre: 47-62.
- 0873 Pinckney, J. and R. G. Zingmark (1991). Effects of tidal stage and sun angles on intertidal

- benthic microalgal productivity. *Marine Ecology Progress Series*. **76**: 81-89.
- 0874 Michener, W. K. and P. D. Kenny (1991). Spatial and temporal patterns of *Crassostrea virginica* (Gmelin) recruitment: Relationship to scale and substratum. *Journal of Experimental Marine Biology and Ecology*. **154**: 97-121.
- 0875 McKellar, H. N. J. and W. D. Marshall (1985). Aquatic productivity and tidal nutrient exchanges in coastal wetland impoundments in South Carolina. *Proc. 4th Coastal Marsh and Estuarine Management*. C. F. Bryan, P.J. Swank and R. H. Chabreck. Baton Rouge, LA, LSU Press : 85-102.
- 0876 Pearlstine, L., et al. (1985). Modelling the impacts of a river diversion on bottomland forest communities in the Santee River floodplain, SC. *Ecological Modelling*. **29**: 283-302.
- 0877 Pickett, J., et al. (1989). Community composition, leaf mortality, and net primary production in a tidal freshwater marsh in South Carolina. *Freshwater Wetlands and Wildlife*. R. R. Sharitz. Oak Ridge, TN, USDOE Office of Science Tech. Inf. **Dept. of Energy Symp. Ser. No. 61**.
- 0878 Sklar, F. H., et al. (1991). The Coastal Ecological Landscape Spatial Simulation (CELSS) model: User's guide and results for the Atchafalaya/Terrebone study area. National Wetlands Research Center open file report #91-04., US Fish and Wildlife Service. **Washington, DC**.
- 0879 Leibowitz, S., et al. (1990). Perspectives on Louisiana wetland loss modelling. *Freshwater Wetlands and Wildlife*. R. R. Sharitz and J. W. Gibbons, US Dept. of Energy, Office of Health and Environmental Research. **CONF-8603101:729-754**.
- 0880 Sklar, F. H., et al. (1990). Model conceptualization. *Wetlands and Shallow Continental Water Bodies*. B. C. Patten. The Hague, The Netherlands, SPB Academic Publishing bv. **1**: 625-658.
- 0881 Ring, S. and F. H. Sklar (1989). Simulating the long-term impacts of coastal development and landscape changes on the ecology of the Waccamaw River, SC. *Proc. Coastal Zone '89 Conference, 6th Symp. on Coastal and Ocean Management*. O. T. M. e. al. **5**: 3581-3587.
- 0882 Marsh, C. P. and P. Wilkinson (1991). The impact of Hurricane Hugo on coastal bird populations. *Journal of Coastal Research*. **8**: 327-334.
- 0883 Frederick, P. C. and K. L. Bildstein (1992). Foraging ecology of seven species of neotropical ibises (Theskiornithidae) during the dry season in the llanos of Venezuela. *Wilson Bulletin*. **104(1)**: 1-21.
- 0884 Gardner, L. R. (1990). The role of rock weathering in the phosphorus budget of terrestrial watersheds. *Biogeochemistry*. **11**: 97-110.
- 0885 Kratz, T. K., et al. (1991). The influence of landscape position on temporal variability in four North American ecosystems. *American Midlands Naturalist*. **138(2)**: 355-378.
- 0886 McKellar Jr., H. N., et al. (1990). Organic carbon and nutrient dynamics. *Physical and Ecological Characterization of the Charleston Harbor Estuarine System*. Final Report to South Carolina Coastal Council. R. F. v. Dolah, P. H. Wendt and E. L. Wenner: 47-99.
- 0887 Michener, W. K., et al. (1991). GIS assessment of large-scale ecological disturbances (Hurricane Hugo, 1989). *Proceedings, GIS/LIS '91, Atlanta, GA*: 343-355.
- 0888 Blood, E. R., et al. (1991). Effects of Hurricane Hugo on coastal soil solution chemistry in South Carolina. *Biotropica*. **23(4)**: 348-355.
- 0889 Jefferson, W. H., et al. (1991). Developing GIS data layers for estuarine resource management. *Proc, GIS/LIS '91, Atlanta, GA*: 331-342.
- 0890 Michener, W. K. and K. Haddad (1992). Database administration. *Proc. Symposium on Data Management for Inland and Coastal Field Stations*. G. H. Lauff, J. J. Alberts and J. B. Gorenz., W.K. Kellogg Biological Station, Michigan State University: 4-14.

- 0891 Morris, J. T. and B. C. Coull (1992). Population dynamics, numerical production, and potential predation impact on a meiobenthic copepod. *Canadian Journal of Fisheries and Aquatic Science*. **49(3)**: 609-616.
- 0892 William-Howze, J. and B. C. Coull (1992). Are temperatures and photoperiod necessary cues for encystment in the marine benthic harpacticoid copepod *Heteropsyllus nunci* Coull? *Biological Bulletin*. **182**: 109-116.
- 0893 McIntosh, D. J., et al. (1991). The Integrated Multidisciplinary Survey and Research Programme of the Ranong Mangrove Ecosystem. Paris, UNESCO.
- 0894 Ittihipatachai, L., et al. (1991). Oceanography and hydrology studies. The Integrated Multidisciplinary Survey and Research Programme of the Ranong Mangrove Ecosystem. Bangkok, Thailand, UNESCO : 8-34.
- 0895 Rawson, P. D. and T. J. Hilbish (1991). Genotype–environmental interaction for juvenile growth in the hard clam *Mercenaria mercenaria* (L). *Evolution*. **45(8)**: 1924-1935.
- 0896 Coull, B. C. and G. T. Chandler (1992). Pollution and meiofauna: Field, laboratory and mesocosm studies. *Oceanography and Marine Biology Annual Review*. **30**: 191-271.
- 0897 Ramsey III, E., et al. (1991). Site-specific reflectance spectra related to water parameters within optically complex lagoon waters. *Resource Development of the Lower Mississippi*, American Water Resources Association : 169-179.
- 0898 Bildstein, K. L., et al. (1991). Feeding patterns and aggressive behavior in juvenile and adult American flamingos. *Condor*. **93**: 916-925.
- 0899 Kjerfve, B. and C. Medeiros (1989). Current vanes for measuring tidal currents in estuaries. *Estuarine Coastal and Shelf Science*. **28**: 27-93.
- 0900 Medeiros, C. and B. Kjerfve (1993). Hydrology of a tropical estuarine system: Itamaracá, Brazil. *Estuarine Coastal and Shelf Science*. **36**: 495-515.
- 0901 Morrison, J. R., et al. (1992). Design and performance evaluation of a hatchery water-heating system that incorporates a two-stage water-source heat pump. *Progressive Fish-Culturist*. **54**: 208-211.
- 0902 Pillay, S., et al. (1992). The effect of cross-sectional variations in velocity and concentration variations on suspended sediment transport rates in tidal creeks. *Estuarine Coastal and Shelf Science*. **35**: 331-345.
- 0903 Allen, D. M., et al. (1992). Factors influencing the collection efficiency of estuarine fishes. *Transactions of the American Fisheries Society*. **121**: 234-244.
- 0904 Secor, D., et al. (1992). Otolith removal and preparation for microstructural examination. Chapter 3. p. 19-57. *Otolith Microstructure Examination and Analysis*. Special publication of the. D. K. Stephenson and S. E. Campana, *Canadian Journal of Fisheries and Aquatic Sciences*. **117**.
- 0905 Crabtree, R., et al. (1992). Age and growth of tarpon, *Megalops atlanticus*, larvae in the eastern Gulf of Mexico, with notes on relative abundance and probable spawning areas. *Environmental Biology of Fishes*. **35**: 361-370.
- 0906 Service, S. K., et al. (1992). Predation effect of three fish species and a shrimp on macrobenthos and meiobenthos in microcosms. *Estuarine Coastal and Shelf Science*. **34**: 277-293.
- 0907 Michener, W. K. (1992). GIS support vital to Long-Term Ecological Research Program. *GIS World*. **5(1)**: 58-63.
- 0908 Michener, W. K. and K. Haddad (1992). Geographic Information System administrative issues. *Symposium on Data Management for Inland and Coastal Field Stations*. G. H. Lauff, J.J. Alberts and J. B. Gorentz, W.K. Kellogg Biological Station, Michigan State University: 45-47.
- 0909 Cotham, W. E. and T. F. Bidleman (1992). Laboratory investigations of the partitioning of organochlorine compounds between the gas phase and atmospheric aerosols on glass-fiber filters. *Environmental Science and Technology*. **26(3)**: 469-478.

- 0910 Woods, R. E. and B. C. Coull (1992). Life-history responses of *Amphiascus tenuiremis* (Copepoda, Harpacticoida) to mimicked predation. *Marine Ecology Progress Series*. **79**: 225-234.
- 0911 Althausen Jr., J. D. and B. Kjerfve (1992). Distribution of suspended sediment in a partially mixed estuary, Charleston Harbor, South Carolina, USA. *Estuarine Coastal and Shelf Science*. **35**: 517-531.
- 0912 Bell, S. S. (1982). On the population biology and meiofaunal characteristics of *Manayunkia aestuarina* (Polychaeta: Sabellidae: Fabriciinae) from a South Carolina salt marsh. *Estuarine, Coastal and Shelf Science*. **14**: 215-222.
- 0913 Bell, S. S. (1983). An experimental study of the relationship between below-ground structure and meiofauna taxa. *Marine Biology*. **76**: 33-39.
- 0914 Hook, D. L., et al. (1991). Impact of Hurricane Hugo on the South Carolina Coastal Plain forest. *Journal of Coastal Research*. **8**: 291-300.
- 0915 Ruppert, E. E. and R. S. Fox (1988). *Seashore Animals of the Southeast*. Columbia, SC, University of South Carolina Press.
- 0916 Khokiattiwong, S., et al. (1991). Oceanographic variations in Phangnga Bay, Thailand, under monsoonal effects. *Phuket Marine Biological Center Research Bulletin*. **55**: 43-76.
- 0917 Stancyk, S. E., et al. (1998). Predation behavior on swimming organisms by *Ophiura sarsii*. *Proceedings, Ninth International Echinoderm Conference*. R. M. M. Telford. Amsterdam, The Netherlands, Balkema Press : 425-429.
- 0918 Knoppers, B., et al. (1991). Trophic state and water turn-over time in six choked coastal lagoons in Brazil. *Biogeochemistry*. **14**: 149-166.
- 0919 Kjerfve, B. (1988). *Hydrodynamics of Estuaries*. Boca Raton, FL, CRC Press. **1 & 2**.
- 0920 Pandian, T. J. and F. J. Vernberg (1987). *Animal Energetics*. NY, Academic Press
- 0921 Sklar, F. H., et al. (1993). State-of-the-art spatial modelling for wetland management. The Barataria/Terrebonne National Estuary Program, Data Inventory Workshop Proceedings. B. McCaffrey. Arlington, VA, American Management Systems: 354-366.
- 0922 Ngabe, B. and T. F. Bidleman (1992). Occurrence and vapor particle partitioning of heavy organic compounds in ambient air in Brazzaville, Congo. *Environmental Pollution*. **76**: 147-156.
- 0923 Frederick, P. (1987). Chronic tidally induced nest failure in a colony of white ibises. *Condor*. **89** 413-419.
- 0924 Costanza, R., et al. (1986). Modelling spatial and temporal succession in the Atchafalaya/Terrebonne marsh estuarine complex in south Louisiana. *Estuarine Variability*. D. A. Wolfe. NY, Academic Press : 387-404.
- 0925 Secor, D. H., et al. (1992). Modification of the Quatrafoil light trap for use in hatchery ponds. *Progressive Fish-Culturist*. **54**: 202-205.
- 0926 Bidleman, T. F., et al. (1992). Organic contaminants in the northwest Atlantic atmosphere at Sable Island, Nova Scotia, 1988-89. *Chemosphere*. **24(9)**: 1389-1412.
- 0927 Bildstein, K. L., et al. (1993). Feeding behavior, aggression, and the conservation biology of flamingos: Integrating studies of captive and free-ranging birds. *American Zool*. **33(2)**: 117-125.
- 0928 Secor, D. H., et al. (1991). *Manual for Otolith Removal and Preparation for Microstructural Examination*. Columbia, SC, Belle W. Baruch Institute for Marine Biology and Coastal Research, University of South Carolina, and Electric Power Institute.
- 0929 Feller, R. J. (1981). *Deep-Sea Food Web Analysis Using Immunological Methods: Results of a Feasibility Study*. Washington, D.C., US EPA.

- 0930 Allen, D. M., et al. (1982). Ecology of Winyah Bay, SC, and Potential Impacts of Energy Development. Columbia, SC, Belle W. Baruch Institute for Marine Biology and Coastal Research, University of South Carolina.
- 0931 Haake, W. and J. M. Dean (1982). Age and Growth of Four Everglades Fishes Using Otolith Techniques. Homestead, Florida, National Park Service, Everglades National Park, South Florida Research Center.
- 0932 Allen, D. M., et al. (1984). Pollution Ecology of Winyah Bay, SC: Characteristics of the Estuary and Potential Impacts of Petroleum. Columbia, SC, Belle W. Baruch Institute for Marine Biology and Coastal Research, University of South Carolina.
- 0933 Wilson, C. A., et al. (1984). Marine Shrimp Aquaculture: A Review of World Techniques. Columbia, SC, Belle W. Baruch Institute for Marine Biology and Coastal Research. **USC-BI-84-2.**
- 0934 Postles, B. and J. M. Dean (1987). The Wetlands Mitigation Issue in South Carolina Columbia, SC, Prepared for South Carolina Water Resources Commission.
- 0935 Dean, J. M. and E. Laban (1988). Age Analysis of Santee System Blueback Herring. Columbia, SC, Prepared for the South Carolina Wildlife and Marine Resources Department.
- 0936 Dean, J. M. and E. Cyr (1989). An Analysis of Marginal Increment Formation in Blue Marlin Otoliths. Miami, FL, Prepared for National Marine Fisheries Service.
- 0937 Stevenson, L. H. and R. R. Colwell (1973). Estuarine Microbial Ecology. Belle W. Baruch Library in Marine Science. Columbia, SC, University of South Carolina Press. **no. 1.**
- 0938 Watabe, N. and K. M. Wilbur (1976). The Mechanisms of Mineralization in the Invertebrates and Plants. Belle W. Baruch Library in Marine Science. Columbia, SC, University of South Carolina Press. **no. 5.**
- 0939 Stancyk, S. E. (1979). Reproductive Ecology of Marine Invertebrates. Belle W. Baruch Library in Marine Science. Columbia, SC, University of South Carolina Press. **no. 9.**
- 0940 Diemer, F. P., et al. (1980). Advanced Concepts in Ocean Measurements for Marine Biology Belle W. Baruch Library in Marine Science. Columbia, SC, University of South Carolina Press. **no. 10.**
- 0941 Tenore, K. and B. C. Coull (1980). Marine Benthic Dynamics. Belle W. Baruch Library in Marine Science. Columbia, SC, University of South Carolina Press. **no. 11.**
- 0942 Gardner, L. R., et al. (1992). Soil evolution along a forest-salt marsh transect under a regime of slowly rising sea level, southeastern United States. *Geoderma*. **55**: 141-157.
- 0943 Dame, R. F. and L. R. Gardner (1993). Nutrient processing and the development of tidal creek ecosystems. *Marine Chemistry*. **43**: 175-183.
- 0944 Kjerfve, B., et al. (2000). Hydrological and hydrogeochemical variations in mangrove ecosystems, Chapter 7. *Mangroves Ecosystems in Tropical America*. A. Yáñez-Arancibia and A. L. Lara-Domínguez. Beaufort, NC, USA, INECOL (Mexico), IUCN/ORMA (Costa Rica), NOAA/NMFS : 71-81.
- 0945 Bidleman, T. F., et al. (1993). Selective accumulation of polychlorocamphenes in aquatic biota from the Canadian Arctic. *Environmental Toxicology and Chemistry*. **12(4)**: 701-709.
- 0946 Secor, D. H. and J. M. Dean (1992). Comparison of otolith-based back-calculation methods to determine individual growth histories of larval striped bass, *Morone saxatilis*. *Canadian Journal of Fisheries and Aquatic Sciences*. **49**: 1439-1454.
- 0947 Chrzanowski, T. and G. T. Cowley (1977). Response of *Uca pugilator* to diets of two selected yeasts. *Mycologia*. **69(5)**: 1062-1068.
- 0948 Williams, T. M., et al. (1992). The Bly Creek Ecosystem Study — Organic carbon transport within a euhaline salt marsh basin, North Inlet, South Carolina. *Journal of Experimental Marine Biology and Ecology*. **163**: 125-139.
- 0949 Steward, C. C. and C. R. Lovell (1992). Improved method for recovery and quantitation of

- assimilated radiolabel from marine sediment bacteria. *Journal of Microbiol Methods*. **16**: 221-230.
- 0950 Strawbridge, S., et al. (1992). Reproductive output of a meiobenthic copepod exposed to sediment-associated fenvalerate. *Archives of Environmental Contamination and Toxicology*. **23**: 295-300.
- 0951 Dame, R. F., et al. (1992). In situ metabolism of an oyster reef. *Journal of Experimental Marine Biology and Ecology*. **164**: 147-159.
- 0952 Secor, D. H., et al. (1992). Effect of female size and propagation methods on larval production at a South Carolina striped bass (*Morone saxatilis*) hatchery. *Canadian Journal of Fisheries and Aquatic Science*. **49(9)**: 1778-1787.
- 0953 Dame, R. F., et al. (1992). A geohydrologic continuum theory for the spatial and temporal evolution of marsh-estuarine ecosystems. *Netherlands Journal of Sea Research*. **30**: 63-72.
- 0954 Patton, G. W., et al. (1992). Laboratory evaluation of polyurethane foam-granular adsorbent sandwich cartridges for collecting chlorophenols from air. *Analytical Chemistry*. **64(22)**: 2858-2861.
- 0955 Michener, W. K., et al. (1992). An integrated geographic information system, Global Positioning System, and spatio-statistical approach for analyzing ecological patterns at landscape scales. *Proc. GIS/LIS 1992 Conf.* **2**: 564-576.
- 0956 Oliveira, A. M. and B. Kjerfve (1993). Environmental responses of a tropical coastal system to hydrological variability: Mundaú-Manguaba, Brazil. *Estuarine Coastal and Shelf Science*. **37**: 575-591.
- 0957 Feller, R. J., et al. (1992). Recruitment of polychaetes and bivalves: Long-term assessment of predictability in a soft-bottom habitat. *Marine Ecology Progress Series*. **87**: 227-238.
- 0958 Zobrist, E. C. and B. C. Coull (1992). Meiobenthic interactions with macrobenthic larvae and juveniles: An experimental assessment of the meiofaunal bottleneck. *Marine Ecology Progress Series*. **88**: 1-8.
- 0959 Ogburn-Matthews, V. and D. M. Allen (1993). Interactions among some dominant estuarine nekton species. *Estuaries*. **16(4)**: 840-850.
- 0960 Hutchinson, S. E. and F. H. Sklar (1993). Lunar periods as grouping variables for temporally-fixed regimes in a tidally dominated estuary. *Estuaries*. **16(4)**: 789-798.
- 0961 Flavier, A. B. and R. G. Zingmark (1993). Macroalgal recruitment in a high marsh creek of North Inlet Estuary, South Carolina. *Journal of Phycology*. **29**: 2-8.
- 0962 Vernberg, F. J., et al. (1992). Impact of urbanization on high salinity estuaries in the southeastern United States. *Netherlands Journal of Sea Research*. **30**: 239-248.
- 0963 Coutinho, R. and R. G. Zingmark (1993). Interactions of light and nitrogen on photosynthesis and growth of the marine macroalga *Ulva curvata* (Kützting) De Toni. *Journal of Experimental Marine Biology and Ecology*. **176**: 11-19.
- 0964 Hilbish, T. H., et al. (1993). Genetic variation and covariation during larval and juvenile growth in *Mercenaria mercenaria*. *Marine Biology*. **115**: 97-104.
- 0965 Hwang, Y. H. and J. T. Morris (1992). Fixation of inorganic carbon from different sources and its translocation in *Spartina alterniflora* Loisel. *Aquatic Botany*. **43**: 137-147.
- 0966 Hawkins, A. J. S. and T. J. Hilbish (1992). The costs of cell volume regulation: Protein metabolism during hyperosmotic adjustment. *Journal of the Marine Biology Association of the UK*. **72**: 569-578.
- 0967 Steward, C. C., et al. (1992). Bacterial numbers and activity, microalgal biomass and productivity, and meiofaunal distribution in sediments naturally-contaminated with biogenic bromophenols. *Marine Ecology Progress Series*. **90**: 61-71.
- 0968 Childers, D. L., et al. (1993). Spatial and temporal variability in marsh - water column interactions in a southeastern salt marsh estuary. *Marine Ecology Progress Series*.

- 95**: 25-38.
- 0969 Gardner, L. R., et al. (1992). Disturbance effects of Hurricane Hugo on a pristine coastal landscape: North Inlet, South Carolina, USA. *Netherlands Journal of Sea Research*. **30**: 249-263.
- 0970 Pinckney, J. and R. G. Zingmark (1993). Biomass and production of benthic microalgal communities in estuarine habitats. *Estuaries*. **16(4)**: 887-897.
- 0971 Kjerfve, B. and H. O. Ferreira (1993). Tidal bores: First-ever measurements. *Ciência e Cultura*. **45(2)** 135-138.
- 0972 Ferreira, H. O. and B. Kjerfve (1992). *Ciência e aventura: A pororoca vista de perto*. *Ciência Hoje*. **14(8)**: 28-33.
- 0973 Kjerfve, B. and L. D. Lacerda (1992). Variação relativa do nível do mar: Causas e consequências. *Ciência Hoje*. **14(8)**: 60-65.
- 0974 Childers, D. L., et al. (1993). Seasonal measurements of sediment evaluation in three mid-Atlantic estuaries. *Journal of Coastal Research*. **9**: 986-1003.
- 0975 Kawaguchi, T. and N. Watabe (1993). The organic matrices of the shell of the American oyster, *Crassostrea virginica* Gmelin. *Journal of Experimental Marine Biology and Ecology*. **170**: 11-28.
- 0976 Pinckney, J. and R. G. Zingmark (1993). Modelling the annual production of intertidal benthic microalgae in estuarine ecosystems. *Journal of Phycology*. **29**: 396-407.
- 0977 Sklar, F. H., et al. (1994). Spatially explicit and implicit dynamic simulations of wetland processes. *Global Wetlands: Old World and New*. W. C. Mitsch. Amsterdam, Elsevier : 537-554.
- 0978 Reyes, E., et al. (1994). A regional organism exchange model for simulating fish migration. *Ecological Modelling*. **74**: 255-276.
- 0979 McConnell, L. L., et al. (1993). Gas exchange of hexachlorocyclohexane in the Great Lakes. *Environmental Science & Technology*. **23**: 1304-1311.
- 0980 Clements, L. A. J., et al. (1993). Uptake of free amino acids by the ophiurid *Microphiopholis gracillima* (Stimpson) (Echinodermata) during disc regeneration. *Comparative Biochemistry and Physiology*. **105A(4)**: 793-802.
- 0981 Dame, R. F. and S. Libes (1993). Oyster reefs and nutrient retention in tidal creeks. *Journal of Experimental Marine Biology and Ecology*. **171**: 251-258.
- 0982 Pinckney, J. and R. G. Zingmark (1993). Photophysiological responses of intertidal benthic microalgal communities to in situ light environments: Methodological considerations. *Limnology and Oceanography*. **38(7)**: 1373-1383.
- 0983 Childers, D. L., et al. (1994). Statistical treatment and comparative analysis of scale-dependent aquatic transect data in estuarine landscapes. *Landscape Ecology*. **9(2)**: 127-141.
- 0984 Green, A. S., et al. (1993). Aqueous-, porewater-, and sediment-phase cadmium: Toxicity relationships for a meiobenthic copepod. *Environmental Toxicology and Chemistry*. **12**: 1497-1506.
- 0985 Kucklick, J. R., et al. (1993). Toxaphene contamination in Lake Baikal's water and food web. *Chemosphere*. **27(10)**: 2017-2026.
- 0986 Vernberg, F. J. (1993). Salt marsh processes: A review. *Environmental Toxicology and Chemistry*. **12**: 2167-2195.
- 0987 Kucklick, J. R. and T. F. Bidleman (1994). Organic contaminants in Winyah Bay, South Carolina: I. Pesticides and polycyclic aromatic hydrocarbons in subsurface and microlayer waters. *Marine Environmental Research*. **37**: 63-78.
- 0988 Kucklick, J. R. and T. F. Bidleman (1994). Organic contaminants in Winyah Bay, South Carolina: II. Using natural fluorescence to follow atrazine levels and river mixing. *Marine Environmental Research*. **37**: 79-91.
- 0989 Kucklick, J. R., et al. (1994). Organochlorines in the water and biota of Lake Baikal,

- Siberia. Environmental Science and Technology. **28(1)**: 31-37.
- 0990 DiPinto, L. M., et al. (1993). Lethal and sublethal effects of the sediment-associated PCB Aroclor 1254 on a meiobenthic copepod. Environmental Toxicology and Chemistry. **12**: 1909-1918.
- 0991 Zobrist, E. C. and B. C. Coull (1994). Meiofaunal effects on growth and survivorship of the polychaete *Streblospio benedicti* Webster and the bivalve *Mercenaria mercenaria* L. Journal of Experimental Marine Biology and Ecology. **175**: 167-179.
- 0992 Childers, D. L. (1994). Fifteen years of marsh flumes — A review of marsh-water column interactions in southeastern USA estuaries. Global Wetlands. W. J. Mitsch. The Netherlands, Elsevier Publishing : 277-293.
- 0993 Jensen, J. R., et al. (1993). The detection and prediction of sea level changes on coastal wetlands using satellite imagery and a geographic information system. Geocarto International. **4**: 87-98.
- 0994 Bradley, P. M. and J. T. Morris (1992). The effect of salinity on the critical nitrogen concentration of *Spartina alterniflora* Loisel. Aquatic Botany. **43**: 149-161.
- 0995 Cablk, M. E., et al. (1994). Assessing hurricane-related damage using Landsat TM data. Geocarto. **9(2)**: 15-24.
- 0996 Bildstein, K. L. (1993). White Ibis - Wetland Wanderer. Washington, DC, Smithsonian Institution Press.
- 0997 Miller, G. D., et al. (1994). Assessment of mycorrhizal infectivity in terrestrial Bahamian plant groups. Proceedings of the Fifth Symposium on the Natural History of the Bahamas. L. Kass. San Salvador, Bahamian Field Station: 64-74.
- 0998 Wong, W. P. and G. W. Smith (1994). Sulfate-reducing bacteria associated with the rhizosphere of tropical seagrasses. Proceedings of the Fifth Symposium on the Natural History of the Bahamas. San Salvador, Bahamian Field Station. **Kass, L. :** 103-107.
- 0999 Wehner, K. A. and G. W. Smith (1994). Mechanisms for phosphate cycling in seagrass beds. Proceedings of the Fifth Symposium on the Natural History of the Bahamas. San Salvador, Bahamian Field Station. **Kass, L. :** 94-102.
- 1000 Ritchie, K. B., et al. (1994). Bacteria associated with bleached and nonbleached areas of *Montastrea annularis*. Proceedings of the Fifth Symposium on the Natural History of the Bahamas. L. Kass. San Salvador, Bahamas, Bahamian Field Station: 75-80.
- 1001 Pinckney, J., et al. (1994). Comparison of high-performance liquid chromatographic, spectrophotometric, and fluorometric methods for determining chlorophyll a concentrations in estuarine sediments. Journal of Microbial Methods. **19**: 59-66.
- 1002 Pinckney, J., et al. (1994). Short-term changes in the vertical distribution of benthic microalgal biomass in intertidal muddy sediments. Diatom Research. **9**: 143-153.
- 1003 Scholz, P. M., et al. (1994). Use of quadratic response model to estimate optimum combinations of nutritional variables. Transactions of the American Fisheries Society. **123**: 266-272.
- 1004 Stancyk, S. E., et al. (1994). Born to lose. I. Measures of tissue loss and regeneration by the brittlestar *Microphiopholis gracillima* (Echinodermata: Ophiuroidea). Marine Biology. **118(3)**: 451-462.
- 1005 Allen, D. M., et al. (1995). Trophic relationships and seasonal utilization of salt marsh creeks by zooplanktivorous fishes. Environmental Biology of Fishes. **42**: 37-50.
- 1006 Hansbarger, J. and J. M. Dean (1994). Fish communities of headwater coastal streams in the Francis Marion National Forest. Columbia, SC, US Forest Service. **Baruch Institute Technical Report BI-94-01** .
- 1007 Golde, H. M., et al. (1994). Reduction of marine sediment oxygen uptake: Pre-treatment for the determination of infaunal respiration rates. Marine Ecology Progress Series. **111**: 203-207.

- 1008 Pomeroy, R. S. and J. R. Morrison (1990). Enterprise budgets for blue *Tilapia* production in ponds and cages in South Carolina. Clemson, SC, Department of Agricultural Economics and Rural Sociology, Clemson University. **Extension economics report no. 121**.
- 1009 Ornes, W. H., et al. (1991). Bioaccumulation of selenium by floating aquatic plants. *Water, Air, and Soil Pollution*. **57-58**: 53-57.
- 1010 Ornes, W. H. and K. S. Sajwan (1993). Cadmium accumulation and bioavailability in coontail (*Ceratophyllum demersum* L.) plants. *Water, Air, and Soil Pollution*. **69**: 291-300.
- 1011 Smock, L. A., et al. (1994). Effects of drought and a hurricane on a coastal headwater stream. *Archives fur Hydrobiologie*. **131(1)**: 25-38.
- 1012 Pinckney, J. L. (1994). Development of an irradiance-based ecophysiological model for intertidal benthic macroalgal production. *Biostabilization of Sediments*. W. E. Krumbein, D. Paterson and L. Stal. Oldenberg, Germany, Universitat of Oldenberg: 55-83.
- 1013 Lacerda, L. D., et al. (1993). Mangrove ecosystems of Latin America and the Caribbean: A summary. *Conservation and Sustainable Utilization of Mangrove Forests in Latin America and Africa Regions. Part I. Latin America*. L. D. Lacerda. Okinawa, Japan, ITTO/International Society for Mangrove Ecosystems : 1-42.
- 1014 Kjerfve, B. and L. D. de Lacerda (1993). Mangroves of Brazil. *Conservation and Sustainable Utilization of Mangrove Forests in Latin America and Africa Regions. Part I. Latin America*. L. D. Lacerda. Okinawa, Japan, ITTO International Society for Mangrove Ecosystems : 245-272.
- 1015 Jensen, J. R., et al. (1992). Change detection algorithm evaluation: Coastwatch protocol development in South Carolina. *American Society of Photogrammetric Engineering and Remote Sensing/American Congress on Surveying and Mapping Technical Papers. ASPRS/ACSM/RT 92 American Society of Photogrammetric Engineering and Remote Sensing/American Congress on Surveying and Mapping* 120-129.
- 1016 de Lacerda, L. D., et al. (1993). Paleoclimatic Changes and the Carbon Cycle. *Série Geoquímica Ambiental 1*. Rio de Janeiro, Sociedade Brasileira de Geoquímica.
- 1017 Smith, G. W. (1994). Seagrass meadows of Grahams Harbour, San Salvador, Bahamas. *Field Trip Guidebook*. San Salvador, Bahamas, Association of Marine Laboratories of the Caribbean : 3-6.
- 1018 Smith, G. W., et al. (1994). Seagrass standing stock biomass and species distribution: A six-year study. *Proceedings, 26th Meeting of the Association of Marine Laboratories of the Caribbean, San Salvador, Bahamas* : 258-271.
- 1019 Ritchie, K. B., et al. (1994). Grouping of bacterium heterotrophs from scleractinian corals using metabolic potentials. *Proceedings, 26th Meeting of the Association of Marine Laboratories of the Caribbean, San Salvador, Bahamas*: 224-236.
- 1020 Lawrence, D. (1995). Diagnosis of the genus *Crassostrea* (Bivalvia: Ostreidae). *Malacologia*. **36(1-2)**: 185-202.
- 1021 Vernberg, W. B., et al. (1981). The effect of temperature on the respiratory metabolism of the developmental stages of *Pagurus criniticornis* (Dana) (Anomura: Paguridae). *Marine Biology Letters*. **2(1981)**: 1-9.
- 1022 Hutchinson, S. B., et al. (1995). Short-term sediments dynamics in a southeastern USA *Spartina* marsh. *Journal of Coastal Research*. **11(2)**: 370-380.
- 1023 Kjerfve, B. (1994). Coastal lagoons, Chapter 1. *Coastal Lagoon Processes*. B. Kjerfve. Amsterdam, Elsevier Science Publishers B.V. **Elsevier Oceanography Series, 60**: 1-8.
- 1024 Vernberg, F. J. and W. B. Vernberg (1997). Comparative long-term ecological research of a relatively pristine estuary and a man-impacted estuary. *Change in Marine Benthos*:

- The Case for Long-term Studies. B. F. Keegan, P. J. D. Lambshea, B. C. Coull, M. Overcash and C. Nolan. Brussels, European Economic Community : 15-34.
- 1025 Porter, D. E., et al. (1994). Development of a multi-participant database management program for marine resources research and management. Proceedings, Symposium on the Collection and Use of Trawl Survey Data for Fisheries Management. Atlantic States Marine Fisheries Commission, special report no. 35. T. Berger. Washington, DC, Atlantic States Marine Fisheries Commission : 137-144.
- 1026 Kawaguchi, T., et al. (1994). Organically-bound ferrous iron (org.-Fe(II)) as an indicator of ecosystem health: A comparison of suburbanized and forested streams in the southeastern US. *Journal of Environmental Sciences and Health*. **A29**: 1761-1776.
- 1027 Weissburg, M. J. and R. K. Zimmer-Faust (1993). Life and death in moving fluids: Hydrodynamic effects in chemosensory-mediated predation. *Ecology*. **74**: 1428-1443.
- 1028 Zimmer-Faust, R. K. (1993). ATP: A potent prey attractant evoking carnivory. *Limnology and Oceanography*. **38**:1271-1275.
- 1029 Moore, P. A., et al. (1993). Spatial distributions of odors in simulated benthic boundary layer flows. *Journal of Chemical Ecology*. **20**: 255-279.
- 1030 Zimmer-Faust, R. K., et al. (1994). Effects of tethering on predatory escape by juvenile blue crabs. *Marine Ecology Progress Series*. **111**: 299-303.
- 1031 Zimmer-Faust, R. K. and M. N. Tamburri (1994). Chemical identity and ecological implication of a waterborne, larval settlement cue. *Limnology and Oceanography*. **39**: 1075-1087.
- 1032 Rabalais, N. N., et al. (1995). Settlement of *Callinectes sapidus* megalopae on artificial collectors in four Gulf of Mexico estuaries. *Bulletin of Marine Science*. **57(3)** 855-876.
- 1033 Turner, E. J., et al. (1994). Settlement of oyster larvae (*Crassostrea virginica*): Effects of water flow and a water-soluble chemical cue. *Limnology and Oceanography*. **39(7)**: 1579-1593.
- 1034 Weissburg, M. J. and R. K. Zimmer-Faust (1995). Odor plumes and how blue crabs use them in finding prey. *Journal of Experimental Biology*. **197**: 349-375.
- 1035 Coull, B. C., et al. (1995). Subtropical Australian juvenile fish eat meiofauna: Experiments with winter whiting, *Sillago maculata*, and observations on other species. *Marine Ecology Progress Series*. **125**: 13-19.
- 1036 Kjerfve, B. (1994). Coastal Lagoon Processes. Elsevier Oceanography Series 60. The Netherlands, Elsevier Science Publishers B.V.
- 1037 Carneiro, M. E. R., et al. (1994). Diagnóstico ambiental do sistema Lagunar de Piratininga/Itaipu, Niterói, R.J. Parte II: Hidroquímica. Simposio de Ecosystemas da Costa Brasileira - Subsídios a um Gerenciamento ambiental. Manguesais e Marismas. Publicação aciesp no. 87-1. , Departamento de Ciencia e Tecnologia - Secretaria de Estado da Ciencia Tecnologia e Desenvolvimento Economico Financiadora de Estudos e Projetos and Department of the Interior, U.S. Fish and Wildlife Service: 196-203.
- 1038 Chandler, T. G., et al. (1994). Sediment- and aqueous-phase fenvalerate effects on meiobenthos: Implications for sediment quality criteria development. *Marine Environmental Research*. **37**: 313-327.
- 1039 Green, A. S. and G. T. Chandler (1994). Meiofaunal bioturbation effects on the partitioning of sediment-associated cadmium. *Journal of Experimental Marine Biology and Ecology*. **180**: 59-70.
- 1040 Tamburri, M. N., et al. (1992). Natural sources and properties of chemical inducers mediating settlement of oyster larvae: A re-examination. *Biological Bulletin*. **183**: 327-338.

- 1041 Richmond, C. E. and S. A. Woodin (1996). Short-term fluctuations in salinity: Effects on planktonic invertebrate larvae. *Marine Ecology Progress Series*. **133**: 167-177.
- 1042 Feller, R. J. and B. C. Coull (1995). Non-selective ingestion of meiobenthos by juvenile spot (*Leiostomus xanthurus*) (Pisces) and their daily prey ration. *Vie et Milieu*. **45(1)**: 49-59.
- 1043 D'Andrea, A. F., et al. (1996). Sublethal effects of cadmium on arm regeneration in the burrowing brittlestar, *Microphiopholis gracillima*. *Ecotoxicology*. **5**: 115-133.
- 1044 Secor, D. H., et al. (1995). Early growth and survival of striped bass (*Morone saxatilis*) (Walbaum) and its phenotypically similar hybrid (*M. saxatilis* X *M. chrysops*) using an otolith marking method. *Aquaculture Research*. **26**: 155-159.
- 1045 Bushek, D. and S. K. Allen Jr. (1996). Races of *Perkinsus marinus*. *Journal of Shellfish Research*. **15(1)**: 103-107.
- 1046 Fulton, M., et al. (1993). The effects of urbanization on small high salinity estuaries of the southeastern United States. *Archives of Environmental Toxicology*. **25**: 476-484.
- 1047 Wirth, E., et al. (1994). Assay of polychlorinated biphenyl bioaccumulation from sediments by marine benthic copepods using a novel microextraction technique. *Environmental Science and Technology*. **28(9)**: 1609-1614.
- 1048 Kjerfve, B., et al. (1996). Hydrology and salt balance in a large, hypersaline coastal lagoon: Lagoa de Araruama. *Estuarine, Coastal and Shelf Science*. **42**: 701-725.
- 1049 Marshall, K. R. and B. C. Coull (1996). PAH effects on removal of meiobenthic copepods by juvenile spot (*Leiostomus xanthurus*: Pisces). *Marine Pollution Bulletin*. **32(1)**: 22-26.
- 1050 Chandler, G. T. and A. S. Green (1996). A 14-day harpacticoid copepod reproduction bioassay for laboratory and field-contaminated muddy sediments. *New Techniques in Aquatic Toxicology*. G. K. Ostrander. Boca Raton, Florida, Lewis Publishers: 23-39.
- 1051 Woodin, S. A., et al. (1995). Process-specific recruitment cues in marine sedimentary systems. *Biological Bulletin*. **189**: 49-58.
- 1052 Stéquert, B., et al. (1996). Age and growth of yellowfin tuna (*Thunnus albacares*) from the Western Indian Ocean, based on otolith microstructure. *Fishery Bulletin*. **94**: 124-134.
- 1053 Megalofonou, P., et al. (1995). Age and growth of juvenile swordfish, *Xiphias gladius linnæus*, from the Mediterranean Sea. *Journal of Experimental Marine Biology and Ecology*. **188**: 79-88.
- 1054 Crabtree, R., et al. (1995). Age and growth of tarpon, *Megalops atlanticus*, from south Florida waters. *Fishery Bulletin*. **93**: 619-623.
- 1055 Crabtree, R., et al. (1995). Reproduction of tarpon, *Megalops atlanticus*, from Florida and Costa Rican waters and notes on their age and growth. *Bulletin of Marine Science*. **188**: 79-88.
- 1056 Morris, J. T. (1995). The mass balance of salt and water in intertidal sediments: Results from North Inlet, South Carolina. *Estuaries*. **18(4)**: 556-567.
- 1057 Weinstein, J. E. (1995). Fine structure of the digestive tubule of the eastern oyster, *Crassostrea virginica* (Gmelin, 1791). *Journal of Shellfish Research*. **14(1)**: 97-103.
- 1058 Karinshak, D., et al. (1995). Use of the tools of Geographic Information Processing to compare the rate of wetlands alterations in an undeveloped and a managed coastal estuary. *Proceedings, Third Thematic Conference on Remote Sensing for Marine and Coastal Environments*. Vol. II, Seattle, Washington : 496-507.
- 1059 Pechenik, J. A., et al. (1996). Relationship between larval and juvenile growth rates in two marine gastropods, *Crepidula plana* and *C. fornicata*. *Marine Biology*. **125**: 19-127.
- 1060 Eyster, L. F. (1995). Cojoined twins, triplets, and quadruplets in the gastropod *Crepidula fornicata*. *Invertebrate Biology*. **144(4)**: 307-323.
- 1061 Owens, C. J., et al. (1995). Screening for PAHs by fluorescence spectroscopy: A

- comparison of calibrations. *Chemosphere*. **31(5)**: 3345-3356.
- 1062 Stouder, D. J., et al. (1994). Theory and Application in Fish Feeding Ecology. Belle W. Baruch Library in Marine Science. Columbia, South Carolina., University of South Carolina Press. **no. 18**.
- 1063 Secor, D. H., et al. (1995). Recent Developments in Fish Otolith Research. Belle W. Baruch Library in Marine Science Columbia, SC, University of South Carolina Press **no. 19**.
- 1064 Kawaguchi, T., et al. (1995). Reduce analysis time, costs. Automated process detects lower chemical limits with better accuracy. *International Ground Water Technology*. **1(6)**: 9-11.
- 1065 Kawaguchi, T., et al. (1996). Automated field and laboratory methods for simultaneous determination of anions and cations in water and soil extracts. *American Environmental Laboratory*. **3/96**: 15-16.
- 1066 Ritchie, K. B. and G. W. Smith (1995). Carbon source utilization patterns of coral associated marine heterotrophs. *Journal of Marine Biotechnology*. **3**: 105-107.
- 1067 Jindal, A., et al. (1999). Bacterial ecology of selected corals following the 1994 South Central Pacific bleaching event. Proceedings of the 27th Meeting of the Association of Marine Laboratories of the Caribbean. St. Thomas, US Virgin Islands., Association of Marine Laboratories of the Caribbean : 26-34.
- 1068 Ritchie, K. B., et al. (1996). INT-linked dehydrogenase activity in the surface mucopolysaccharide layers of Bahamian scleractinian corals. Proceedings of the Sixth Symposium on Natural History of the Bahamas. N. Elliott, P. Godfrey and C. Edwards. San Salvador, Bahamas, Bahamian Field Station : 134-138.
- 1069 Smith, G. W. (1996). The *Klebsiella-Halodule* symbiosis: Distribution and physiology of the endophyte. Proceedings of the Sixth Symposium on Natural History of the Bahamas. N. Elliott, P. Godfrey and C. Edwards. San Salvador, Bahamas, Bahamian Field Station : 4-9.
- 1070 Gottfried, P. K., et al. (1992). Use of remote sensing to evaluate the ecology of San Salvador, Bahamas. Proceedings of the Fourth Symposium on the Natural History of the Bahamas. W. H. Estbaugh. San Salvador, Bahamas, Bahamian Field Station : 75-82.
- 1071 Ritchie, K. B. and G. W. Smith (1995). Preferential carbon utilization by surface bacterial communities from water mass, normal and white-band diseased *Acropora cervicornis*. *Molecular Biology and Biotechnology*. **4(4)**: 345-352.
- 1072 Williams-Howze, J. (1996). The biology and morphology of the marine harpacticoid copepod *Heteropsyllus nunni* Coull, during encystment diapause. *Hydrobiologia*. **320**: 179-189.
- 1073 DiPinto, L. M. (1996). Trophic transfer of a sediment-associated organophosphate pesticide from meiobenthos to bottom feeding fish. *Archives of Environmental Contamination and Toxicology*. **30**: 456-466.
- 1074 Weinstein, J. E. (1995). Seasonal responses of the mixed-function oxygenase system in the American oyster, *Crassostrea virginica* (Gmelin 1791), to urban-derived polycyclic aromatic hydrocarbons. *Comparative Biochemistry and Physiology*. **112C(3)**: 299-307.
- 1075 Grove, M. W. and S. A. Woodin (1996). Conspecific recognition and host choice in a pea crab, *Pinnixa chaetoptera* (Brachyura: Pinnotheridae). *Biological Bulletin*. **190**: 359-366.
- 1076 Feller, R. J. and D. M. Karl (1996). The National Association of Marine laboratories: A connected web for studying long-term changes in U.S. coastal and marine waters. *Biological Bulletin*. **190**: 269-277.
- 1077 Goñi, M. A. and T. I. Eglinton (1996). Stable carbon isotopic analyses of lignin-derived CuO oxidation products by isotope ratio monitoring-gas chromatography-mass spectrometry (imr-GC-MS). *Organic Geochemistry*. **24(6/7)**: 601-615.
- 1078 Bushek, D. and S. K. Allen, Jr. (1996). Host-parasite interactions among broadly

- distributed populations of the eastern oyster *Crassostrea virginica* and the protozoan *Perkinsus marinus*. Marine Ecology Progress Series. **139**: 127-141.
- 1079 Chandler, G. T., et al. (1996). Sediment microhabitat effects on carbon stable isotopic signatures of microcosm-cultured benthic foraminifera. Limnology and Oceanography. **41(4)**: 680-688.
- 1080 Edwards, D. (1996). Comment: The first data analysis should be journalistic. Ecological Applications. **6(4)**:1090-1094.
- 1081 Goñi, M. A. (1997). Record of terrestrial organic matter composition in Amazon fan sediments. Proceedings of the Ocean Drilling Program, Scientific Results, Leg 155. R. D. Flood, D. J. W. Piper, A. Klaus and L. C. Peterson, Joint Oceanographic Institutions : 519-530.
- 1082 Vernberg, W. B. and F. J. Vernberg (1996). Impact of urbanization on marine invertebrates. Estuarine Ecosystem and Species. E. Styczynska-Jurewicz. Gdynia, Poland, Polish Academy of Sciences ; 221-228.
- 1083 Beekman, R. L., et al. (1997). Sustainable development. Sustainable Development in the Southeastern Coastal Zone. Belle W. Baruch Library in Marine Science. F. J. Vernberg, W. B. Vernberg and T. Siewicki. Columbia, SC, University of South Carolina Press. **20**: 1-6.
- 1084 Blood, E. R. and P. A. Smith (1997). Water quality in two high-salinity estuaries: Effects of watershed alteration. Sustainable Development in the Southeastern Coastal Zone. Belle W. Baruch Library in Marine Science. F. J. Vernberg, W. B. Vernberg and T. Siewicki. Columbia, SC, University of South Carolina Press. **20**: 413-444.
- 1085 Fortner, A. R., et al. (1997). Polynuclear aromatic hydrocarbon and trace metal burdens in sediment and the oyster, *Crassostrea virginica* Gmelin, from two high-salinity estuaries in South Carolina. Sustainable Development in the Southeastern Coastal Zone. Belle W. Baruch Library in Marine Science. F. J. Vernberg, W. B. Vernberg and T. Siewicki. Columbia, SC, University of South Carolina Press. **20**: 445-476.
- 1086 Fulton, M., et al. (1997). Urbanization effects on the fauna of a southeastern U.S.A. bar-built estuary. Sustainable Development in the Southeastern Coastal Zone. Belle W. Baruch Library in Marine Science. F. J. Vernberg, W. B. Vernberg and T. Siewicki. Columbia, SC, University of South Carolina Press. **20**: 477-504.
- 1087 Green, A. S., et al. (1995). Age-specific survival analysis of an infaunal meiobenthic harpacticoid copepod, *Amphiascus tenuiremis*. Marine Ecology Progress Series. **129**: 107-112.
- 1088 Green, A. S., et al. (1996). Life-stage specific toxicity of sediment-associated chlorpyrifos to a marine infaunal copepod. Environmental Toxicology and Chemistry. **15(7)**: 1182-1188.
- 1089 Michener, W. K., et al. (1997). Geographic Information Systems for sustainable development in the southeastern United States: A review of applications and research needs. Sustainable Development in the Southeastern Coastal Zone. Belle W. Baruch Library in Marine Science. F. J. Vernberg, W. B. Vernberg and T. Siewicki. Columbia, SC, University of South Carolina Press. **20**: 89-110.
- 1090 Porter, D. E., et al. (1996). Geographic Information Processing assessment of the impacts of urbanization on localized coastal estuaries: A multi-disciplinary approach. Sustainable Development in the Southeastern Coastal Zone. Belle W. Baruch Library in Marine Science. F. J. Vernberg, W. B. Vernberg and T. Siewicki. Columbia, SC, University of South Carolina Press. **20**: 355-388.
- 1091 Wahl, M., et al. (1997). The effects of coastal development on watershed hydrography and transport of organic carbon. Sustainable Development in the Southeastern Coastal Zone. Belle W. Baruch Library in Marine Science, No.20. F. J. Vernberg, W. B. Vernberg and T. Siewicki. Columbia, SC, University of South Carolina Press. **20**: 389-412.

- 1092 Weinstein, J. E. (1997). Anthropogenic impacts on salt marshes - A review. Sustainable Development in the Southeastern Coastal Zone. Belle W. Baruch Library in Marine Science. F. J. Vernberg, W. B. Vernberg and S. T. Columbia, SC, University of South Carolina Press. **20**: 135-170.
- 1093 Houser, D. S. and D. M. Allen (1996). Zooplankton dynamics in an intertidal salt marsh basin. *Estuaries*. **19(3)**:659-673.
- 1094 Dame, R. F. and D. M. Allen (1996). Between estuaries and the sea. *Journal of Experimental Marine Biology and Ecology*. **200**: 169-185.
- 1095 Reeves, H. W. and L. W. Fairborn (1995). Application of an inverse model, SUTRAP, to a tidally-driven groundwater system. Proceedings of International Conference on Calibration and Reliability in Groundwater Modeling (ModelCARE '96). K. Kover. Wallingford, Netherlands, IAHS Press : 115-124.
- 1096 Bushek, D., et al. (1997). The response of *Crassostrea virginica* to in vitro cultured *Perkinsus marinus* and the early fate of parasites delivered via three dosing procedures. *Journal of Shellfish Research*. **16(2)**: 479-485.
- 1097 Nagelkerken, I., et al. (1997). Widespread disease in Caribbean sea fans: I. Spreading and general characteristics. Proceedings 8th International Coral Reef Symposium. H. A. Lessios, Panama City, Panama : 679-682.
- 1098 Ritchie, K. B. and G. W. Smith (1997). Physiological comparison of bacterial communities from various species of scleractinian corals. Proceedings 8th International Coral Reef Symposium. H. A. Lessios, Panama City, Panama : 521-526.
- 1099 Edwards, D., et al. (1997). On seasonal and interannual zooplankton and benthos dynamics. Change in Marine Benthos: The Case for Long-term Studies. B. F. Keegan, P. J. D. Lamshead, B. C. Coull, M. C. Overcash and C. Nolan. Brussels, European Economic Community : 117-136.
- 1100 Little, L. S., et al. (1997). Kriging in estuaries: As the crow flies, or as the fish swims? *Journal of Experimental Marine Biology and Ecology*. **213**: 1-11.
- 1101 Rama and W. S. Moore (1996). Using the radium quartet for evaluating groundwater input and water exchange in salt marshes. *Geochemica et Cosmochemica Acta*. **60(23)**: 4645-4652.
- 1102 Paller, M. H., et al. (1996). Use of fish communities to assess environmental impacts in South Carolina coastal plain streams. *Transactions of the American Fisheries Society*. **125(5)6**: 33-644.
- 1103 Weinstein, J. E. (1997). Fluoranthene-induced histological alterations in oysters, *Crassostrea virginica*: Seasonal field and laboratory studies. *Marine Environmental Research*. **43(3)**: 201-218.
- 1104 Aelion, M., et al. (1997). Impact of suburbanization on ground water quality and denitrification in coastal aquifer sediments. *Journal of Experimental Marine Biology and Ecology*. **213**: 31-51.
- 1105 Kawaguchi, T., et al. (1997). Can urbanization limit iron availability to estuarine algae? *Journal of Experimental Marine Biology and Ecology*. **213**: 53-69.
- 1106 Green, A. S. and G. T. Chandler (1996). Life-table evaluation of sediment-associated chlorpyrifos chronic toxicity to the benthic copepod, *Amphiascus tenuiremis*. *Archives of Environmental Contamination and Toxicology*. **31**: 77-83.
- 1107 Smith, G. W., et al. (1996). Caribbean sea fan mortalities. *Nature*. **383**: 487.
- 1108 Porter, D. E., et al. (1997). Assessing the impacts of anthropogenic and physiographic influences on grass shrimp in localized salt-marsh estuaries. *Aquatic Botany*. **58(3-4)**: 289-306.
- 1109 Corbett, C. W., et al. (1997). Nonpoint source runoff modeling: A comparison of a forested

- watershed and an urban watershed on the South Carolina coast. *Journal of Experimental Marine Biology and Ecology*. **213**: 133-149.
- 1110 Feller, R. J., et al. (1998). Dietary immunoassay of pelagic nemerteans by use of cross-reacting polyclonal antibodies: Preliminary findings. *Hydrobiologia*. **365**: 263-269.
- 1111 Bulak, J. S., et al. (1997). Recruitment dynamics of striped bass in the Santee-Cooper system, South Carolina. *Transactions of the American Fisheries Society*. **126**: 133-143.
- 1112 Johnston, C. A., et al. (1997). The potential role of riverine wetlands as buffer zones. *Buffer Zones: Their Processes and Potential in Water Protection*. N. E. Haycock, T. P. Burt, K. W. T. Goulding and G. Pinay. Harpenden Herts, United Kingdom, Quest Environmental : 155-170.
- 1113 Vogel, R. L., et al. (1996). Inorganic sediment budget for the North Inlet salt marsh, South Carolina, USA. *Mangroves and Salt Marshes*. **1(1)**: 23-35.
- 1114 Steward, C. C. and C. R. Lovell (1997). Respiration and assimilation of 4-bromophenol by estuarine sediment bacteria. *Microbial Ecology*. **33**: 198-205.
- 1115 Kjerfve, B., et al. (1997). *Mangrove Ecosystem Studies in Latin America and Africa*. UNESCO Coastal and Small Islands Series. Paris, France, UNESCO.
- 1116 Kjerfve, B., et al. (1997). Oceanographic characteristics of an impacted coastal bay: Baía de Guanabara, Rio de Janeiro, Brazil. *Continental Shelf Research*. **17(13)**: 1609-1643.
- 1117 Knoppers, B. and B. Kjerfve (1999). Coastal lagoons of southeastern Brazil: Physical and biogeochemical characteristics. *Estuaries of South America. Their Geomorphology and Dynamics*. G. M. E. Perillo, M. C. Piccolo and M. Pino-Quivira. Berlin, Springer-Verlag, : 35-66.
- 1118 Michener, W. K., et al. (1997). Climate change, hurricanes and tropical storms, rising sea level in coastal wetlands. *Ecological Applications*. **7(3)**: 770-801.
- 1119 De Santo, T. L., et al. (1997). Wetland feeding site use by white ibises (*Eudocimus albus*) breeding in coastal South Carolina. *Colonial Waterbirds*. **20(2)**: 167-176.
- 1120 Dean, J. M. (1997). A crisis and opportunity in coastal oceans: Coastal fisheries as a case study. *Sustainable Development in the Southeastern Coastal Zone*. Belle W. Baruch Library in Marine Science. F. J. Vernberg, W. B. Vernberg and T. Siewicki. Columbia, SC, University of South Carolina Press. **20**: 81-88.
- 1121 Vernberg, F. J. (1996). Ecology of southeastern salt marshes. *Sustainable Development in the Southeastern Coastal Zone*. Belle W. Baruch Library in Marine Science, No. 20. F. J. Vernberg, W. B. Vernberg and T. Siewicki. Columbia, SC, University of South Carolina Press : 117-134.
- 1122 Vernberg, W. B., et al. (1997). The effects of urbanization on human and ecosystem health. *Sustainable Development in the Southeastern Coastal Zone*. Belle W. Baruch Library in Marine Science. F. J. Vernberg, W. B. Vernberg and T. Siewicki. Columbia, SC, University of South Carolina Press. **20**: 221-240.
- 1123 Decho, A. W. (1997). Microbial biotransformations of metals: Effect on altering the trophic availability of metals. *Sustainable Development in the Southeastern Coastal Zone*. Belle W. Baruch Library in Marine Science. F. J. Vernberg, W. B. Vernberg and T. Siewicki. Columbia, SC, University of South Carolina Press. **20**: 265-284.
- 1124 Reece, K. S., et al. (1997). Molecular markers for population genetic analysis of *Perkinsus marinus*. *Molecular Marine Biology and Biotechnology*. **6(3)**: 197-206.
- 1125 DiPinto, L. and B. C. Coull (1997). Trophic transfer of sediment-associated polychlorinated biphenyls from meiobenthos to bottom feeding fish. *Journal of Environmental Toxicology and Chemistry*. **16(12)**: 2568-2575.
- 1126 Allen, D. M., et al. (1997). Detection and analysis of unusual events in long-term zooplankton and nekton data sets from North Inlet Estuary, South Carolina, USA. *Oceanologica Acta*. **20(1)**: 165-175.

- 1127 Vernberg, F. J., et al. (1997). Sustainable Development in the Southeastern Coastal Zone. Belle W. Baruch Library in Marine Science. Columbia, SC, University of South Carolina Press. **20**.
- 1128 Williams-Howze, J. (1997). Dormancy in the free-living copepod orders Cyclopoida, Calanoida, and Harpacticoida. *Oceanography and Marine Biology: An Annual Review*. **35**: 257-321.
- 1129 Chandler, T. G., et al. (1997). A culture-based assessment of the effects of chlorpyrifos on multiple meiobenthic copepods using microcosms of intact estuarine sediments. *Environmental Toxicology and Chemistry*. **16(11)**:2339-2346.
- 1130 Noble, P. A., et al. (1998). Tetranucleotide frequencies in microbial genomes. *Electrophoresis*. **19**: 528-535.
- 1131 Pape-Lindstrom, P. A., et al. (1997). Sublethal predation: Field measurements of arm tissue loss from the ophiuroid *Microphiopholis gracillima* and immunochemical identification of its predators in North Inlet, South Carolina, USA. *Marine Ecology Progress Series*. **156**: 131-140.
- 1132 Thibodeau, P. M., et al. (1998). The role of groundwater flow in controlling the spatial distribution of soil salinity and rooted macrophytes in a southeastern salt marsh, USA. *Mangroves and Salt Marshes*. **2(1)**: 1-13.
- 1133 Luckhurst, B. E., et al. (1997). Use of microstructure analysis of the sagittal otoliths for age estimation of the wahoo, *Acanthocybium solandri*, from Bermuda. *Proceedings of the 49th Gulf and Caribbean Fisheries Institute*. **49**: 64-70.
- 1134 Kjerfve, B. and D. J. Mcintosh (1997). The impact of climate change on mangrove ecosystems. *Mangrove Ecosystem Studies in Latin America and Africa*. B. Kjerfve, L. D. de Lacerda and E. H. S. Diop. Paris, France, UNESCO : 1-7.
- 1135 Woodin, S. A., et al. (1997). Biogenic bromophenols as negative recruitment cues. *Marine Ecology Progress Series*. **157**: 303-306.
- 1136 CARICOMP (1997). Meteorological and oceanographic characterization of coral reef, seagrass and mangrove habitats in the wider Caribbean. *Proceedings, 8th International Coral Reef Symposium*. **16**: 57-662.
- 1137 CARICOMP (1997). Physiography and Setting of CARICOMP Sites: A pattern analysis. *Proceedings, 8th International Coral Reef Symposium*. **1**: 647-650.
- 1138 CARICOMP (1997). Caribbean Coastal Marine Productivity (CARICOMP): A research and monitoring network of marine laboratories, parks, and reserves. *Proceedings, 8th International Coral Reef Symposium*. **1**: 641-646.
- 1139 Edwards, D. (1998). Issues and themes for natural resource trend and change detection. *Ecological Applications*. **8(2)**: 323-325.
- 1140 Shepherd, T. H., et al. (1998). Effects of the burrowing brittlestar, *Microphiopholis gracillima* (Echinodermata: Ophiuroidea), on the flux of lithium, an inert tracer, across the sediment-water interface. *Gulf Research Reports*. **10**: 23-31.
- 1141 Vernberg, F. J. and S. Piyatiratitivorakul (1998). Effects of salinity and temperature on the bioenergetics of adult stages of the grass shrimp (*Palaemonetes pugio* Holthuis) from the North Inlet Estuary, South Carolina. *Estuaries*. **21(1)**: 176-193.
- 1142 Reichert, M. J. M. (1998). *Etropus crossotus*, an annual flatfish species; age and growth of the fringed flounder in South Carolina. *Journal of Sea Research*. **40(3-4)**: 323-332.
- 1143 Richardson, L. L., et al. (1998). Florida's mystery coral-killer identified. *Nature*. **392**: 557-558.
- 1144 McGrath, T. A. and G. W. Smith (2003). The effects of the 1995 and 1998 coral bleaching events on the patch reefs of San Salvador Island, Bahamas. *Revista de Biologia Tropical*. **51(suppl. 4)**: 67-75.
- 1145 Ritchie, K. B. and G. W. Smith (1998). Type II White-Band disease. *Revista de Biologia Tropical*. **46(supple. 5)**:199-203.
- 1146 Smith, G. W., et al. (1998). Response of sea fans to infection with *Aspergillus* sp. (fungi).

- Revista de Biología Tropical. **46 (supple. 5)**: 205-208.
- 1147 Goreau, T. J., et al. (1998). Rapid spread of diseases in Caribbean coral reefs. *Revista de Biología Tropical*. **46 (supple. 5)**: 157-171.
- 1148 Cervino, J. M., et al. (1998). Coral disease. (Letter). *Science*. **280(5363)**: 499.
- 1149 Bildstein, K. L. (1997). Wading-bird science: A guide for the Twenty-first Century. *Colonial Waterbirds*. **20(1)**:138-142.
- 1150 Zieman, J., et al. (1997). Variation in ecological parameters of *Thalassia testudinum* across the CARICOMP network. *Proceeding, 8th International Coral Reef Symposium*. **1**: 663-668.
- 1151 Cervino, J. M. and G. W. Smith (1997). Coral diseases are on the increase. *Earth Times*. **August 1997**.
- 1152 Woodley, J. D., et al. (1997). Studies on Caribbean coral bleaching, 1995-96. *Proceedings 8th International Coral Reef Symposium*. **1**: 673-678.
- 1153 Gerace, D. T., et al. (1998). San Salvador, Bahamas. Caribbean Coastal Marine Productivity (CARICOMP): Coral Reef, Seagrass and Mangrove Sites. B. Kjerfve. Paris, France, UNESCO : 229-245.
- 1154 Nagelkerken, I., et al. (1997). Widespread disease in Caribbean sea fans. II. Patterns of infection and tissue loss. *Marine Ecology Progress Series*. **160**: 255-263.
- 1155 Cervino, J. M. and G. W. Smith (1997). Coral in peril. *Ocean Realm*. **42**: 33-35.
- 1156 Goreau, T. J., et al. (1997). Assessing coral reef health (Letter). *Science*. **277(5323)**: 165-166.
- 1157 Cervino, J. M., et al. (1997). Fast spreading new Caribbean coral disease. *Reef Encounter*. **22**: 16-18.
- 1158 Woodin, S. A., et al. (1998). Process-specific cues for recruitment in sedimentary environments: Geochemical signals? *Journal of Marine Research*. **56**: 535-558.
- 1159 Goñi, M. A., et al. (1998). A reassessment of the sources and importance of land-derived organic matter in surface sediments from the Gulf of Mexico. *Geochimica et Cosmochimica Acta*. **62(18)**: 3055-3075.
- 1160 Lewitus, A. J., et al. (1998). Seasonal variation in the regulation of phytoplankton by nitrogen and grazing in a salt-marsh estuary. *Limnology and Oceanography*. **43(4)**: 636-646.
- 1161 Van der Veer, H., et al. (1998). Importance of predation by crustaceans upon bivalve spat in the intertidal zone of the Dutch Wadden Sea as revealed by immunoassays of gut contents. *Journal of Experimental Marine Biology and Ecology*. **231**: 139-157.
- 1162 Christy, J. and S. G. Morgan (1998). Estuarine immigration by crab postlarvae: Mechanisms, reliability and adaptive significance. *Marine Ecology Progress Series*. **174**: 51-65.
- 1163 Street, G. T., et al. (1998). Predation on meiofauna by juvenile spot *Leiostomus xanthurus* (Pisces) in contaminated sediments from Charleston Harbor, South Carolina, USA. *Marine Ecology Progress Series*. **170**: 261-268.
- 1164 Conner, W. G. and L. DiPinto (1998). Restoration of oiled coastal areas. *Proceedings of the First Joint Meeting of the Coastal Environment Science and Technology*. Hayama, Japan, Panel of the United States-Japan Cooperative Program in Natural Resources: 31-31—31-39.
- 1165 Eriksen, N. T. and A. J. Lewitus (1999). Cyanide-resistant respiration in diverse marine phytoplankton. Evidence for the widespread occurrence of the alternative oxidase. *Aquatic Microbial Ecology*. **171**: 45-152.
- 1166 Dean, J. M. (1998). Taking stock: or, Who is taking what stock? Taking stock: Defining and managing shared resources. D. A. Hancock. Sydney, Australian Society for Fish Biology and the Fish and Aquatic Resource Management Association of Australia : 7-30.

- 1167 Lovell, C. R., et al. (1999). Activity of marine sediment bacterial communities exposed to 4-bromophenol, a polychaete secondary metabolite. *Marine Ecology Progress Series*. **179**: 241-246.
- 1168 Stancyk, S. E. (1999). Predatory behavior of echinoderms. *Proceedings of the Fifth European Conference on Echinoderms*. M. D. C. Carnevali and F. Bonasoro. Rotterdam, Balkema Press : 109-118.
- 1169 Gielazyn, M. L., et al. (1999). Experimental evidence of subsurface feeding by the burrowing ophiuroid *Amphipholis gracillima* (Echinodermata). *Marine Ecology Progress Series*. **184**: 129-138.
- 1170 Richmond, C. E. and S. A. Woodin (1999). Effect of salinity reduction on oxygen consumption by larval estuarine invertebrates. *Marine Biology*. **134**: 259-267.
- 1171 Lewitus, A. J., et al. (1999). Kleptoplastidy in the toxic dinoflagellate *Pfiesteria piscicida* (Dinophyceae). *Journal of Phycology*. **35**: 303-312.
- 1172 Fielman, K. T., et al. (1999). Widespread occurrence of natural halogenated organics among temperate marine infauna. *Marine Ecology Progress Series*. **181**: 1-12.
- 1173 Noble, P. A. (1999). Hypothetical model for monitoring microbial growth by using capacitance measurements - A minireview. *Journal of Microbiological Methods*. **37**: 45-49.
- 1174 Noble, P. A., et al. (1999). Factors influencing capacitance-based monitoring of microbial growth. *Journal of Microbiological Methods*. **37**: 1-64.
- 1175 Finelli, C. M., et al. (2000). Physical constraints on ecological processes: A field test of odor-mediated foraging. *Ecology*. **81(3)**: 784-797.
- 1176 Finelli, C. M., et al. (1999). Odor transport in turbulent flows: Constraints on animal navigation. *Limnology and Oceanography*. **44(4)**: 1056-1071.
- 1177 Shaw, T. J., et al. (1998). The flux of barium to the coastal waters of the southeastern USA: The importance of submarine groundwater discharge. *Geochimica et Cosmochimica Acta*. **62(18)**: 3047-3054.
- 1178 Dame, R. F., et al. (2000). Benthic-pelagic coupling in marsh-estuarine ecosystems. *Concepts and Controversies in Tidal Marsh Ecology*. M. Weinstein and D. Kreeger. Dordrecht, The Netherlands, Kluwer Academic Publishers :369-389.
- 1179 Jones, W. J. and J. M. Quattro (1999). Genetic structure of summer flounder (*Paralichthys dentatus*) populations north and south of Cape Hatteras. *Marine Biology*. **133**: 129-135.
- 1180 DeFlaun, M. F., et al. (1999). Alterations in adhesion, transport, and membrane characteristics in an adhesion-deficient pseudomonad. *Applied and Environmental Microbiology*. **65(2)**: 759-765.
- 1181 Green, R., et al. (1998). The spatial distribution of the parasite *Perkinsus marinus* in the oyster *Crassostrea virginica* along the intertidal creeks of North Inlet Estuary, South Carolina. *Proceedings, National Conference on Undergraduate Research*. **98(4)**: 1423-1426.
- 1182 Nikolova, S., et al. (1998). Searching for a prominent role of research in undergraduate education: Project Interface. *Journal of Excellence in College Teaching*. **8(1)6**: 69-681.
- 1183 White, D. L., et al. (1998). Geographic Information Systems (GIS) and kriging: Analysis of the spatial and temporal distributions of the oyster pathogen *Perkinsus marinus* in a developed and an undeveloped estuary. *Journal of Shellfish Research*. **17(5)**: 1473-1476.
- 1184 Sanger, D. M., et al. (1999). Tidal creek and salt marsh sediments in South Carolina coastal estuaries. I. Distribution of trace metals. *Archives of Environmental Contamination and Toxicology*. **37**: 445-457.
- 1185 Sanger, D. M., et al. (1999). Tidal Creek and salt marsh sediments in South Carolina estuaries. II. Distribution of organic contaminants. *Archives of Environmental*

- Contamination and Toxicology. **37**: 458-471.
- 1186 Pena, E. J., et al. (1999). Comparative photosynthesis of two species of intertidal epiphytic macroalgae on mangrove roots during submersion and emersion. *Journal of Phycology*. **35**: 1206-1214.
- 1187 Vernberg, F. J., et al. (1999). Coastal development impacts on land-coastal waters. MEDCOAST 99-EMECs 99 Joint Conference, Land-Ocean Interactions: Managing Coastal Ecosystems. E. Ozhan. Antalya, Turkey ; 613-622.
- 1188 Coull, B. C. (1999). Role of meiofauna in estuarine soft-bottom habitats. *Australian Journal of Ecology*. **24**: 327-343.
- 1189 Schizas, N. V., et al. (1999). Molecular population structure of the marine benthic copepod *Microarthridion littorale* along the southeastern and Gulf coasts of the USA. *Marine Biology*. **135**: 399-405.
- 1190 Paller, M. H., et al. (2000). Use of fish community data to evaluate restoration success of a riparian stream. *Journal of Ecological Engineering*. **15**: S171-S187.
- 1191 Reeves, H. W., et al. (2000). Incorporation of total stress changes into the ground water model SUTRA. *Ground Water*. **38(1)**: 89-98.
- 1192 Noble, P. A., et al. (2000). Application of neural computing methods for interpreting phospholipid fatty acid profiles of natural microbial communities. *Applied and Environmental Microbiology*. **66(2)**: 694-699.
- 1193 Piceno, Y. M., et al. (1999). Spatial and temporal assessment of diazotroph assemblage composition in vegetated salt marsh sediments using denaturing gradient gel electrophoresis analysis. *Microbial Ecology*. **38**: 157-167.
- 1194 Kamermans, P., et al. (1999). Morphological differences in *Macoma balthica* (Bivalvia, Tellinacea) from a Dutch and three southeastern United States estuaries. *Journal of Sea Research*. **41**: 213-224.
- 1195 Goñi, M. A. and K. A. Thomas (2000). Sources and transformations of organic matter in surface soils and sediments from a tidal estuary (North Inlet, South Carolina, USA). *Estuaries*. **23(4)**: 548-564.
- 1196 David, L. T. and B. Kjerfve (1998). Tides and currents in a two-inlet coastal lagoon: Laguna de Términos, Mexico. *Continental Shelf Research*. **18**: 1057-1079.
- 1197 Li, R., et al. (1998). A coastal GIS for shoreline monitoring and management—Case study in Malaysia. *Surveying and Land Information Systems*. **58(3)1**: 57-166.
- 1198 Coutinho, R., et al. (1999). Araruama: Uma Lagoa Ameaçada. *Ciência Hoje*. **25(149)**: 24-31.
- 1199 de Lacerda, L. D. and B. Kjerfve (1999). Conservation and management of Latin America mangroves. *Perspectives on Integrated Coastal Zone Management*. R. K. T. W. Salomons, L.D. de Lacerda. and S. Ramachandran, Springer: 183-194.
- 1200 Kjerfve, B. (1998). CARICOMP—Caribbean Coral Reef, Seagrass, and Mangrove Sites. *Coastal Region and Small Island Papers 3*. Paris, UNESCO.
- 1201 Kjerfve, B., et al. (1998). CARICOMP: A Caribbean Network of Marine Laboratories, Parks, and Reserves for Coastal Monitoring and Scientific Collaboration. CARICOMP—Caribbean Coral Reef, Seagrass, and Mangrove Sites. *Coastal Region and small island papers 3*. B. Kjerfve. Paris, UNESCO: 1-16.
- 1202 Lewitus, A. J., et al. (1999). Mixotrophy and nitrogen uptake by *Pfiesteria piscicida* (Dinophyceae). *Journal of Phycology*. **35**: 1430-1437.
- 1203 Lewitus, A. J., et al. (2000). Use of dissolved organic nitrogen by a salt marsh phytoplankton bloom community. *Archiv fuer Hydrobiologie, Special Issues, Advanced Limnology*. **55**: 441-456.
- 1204 Kihlslinger, R. L. and S. A. Woodin (2000). Food patches and a surface deposit feeding spionid polychaete. *Marine Ecology Progress Series*. **201**: 233-239.
- 1205 Krest, J. M., et al. (2000). Marsh nutrient export supplied by groundwater discharge: Evidence from radium measurements. *Global Biogeochemical Cycles*. **14(1)**: 167-176.

- 1206 Harvell, C. D., et al. (1999). Emerging marine diseases—Climate links and anthropogenic factors. *Science*. **285**:1505-1510.
- 1207 Grove, M., et al. (2000). The effects of symbiotic crabs on the pumping activity and growth rates of *Chaetopterus variopedatus*. *Journal of Experimental Marine Biology and Ecology*. **246**: 31-52.
- 1208 Bushek, D., et al. (2000). Use of micromanipulation and "feeder layers" to clone the oyster pathogen *Perkinsus marinus*. *Journal of Eukaryotic Microbiology*. **47(2)**: 164-166.
- 1209 Dame, R. F., et al. (2000). The experimental analysis of tidal creeks dominated by oyster reefs: The premanipulation year. *Journal of Shellfish Research*. **19(1)**: 361-369.
- 1210 Goñi, M. A., et al. (2000). Distribution and sources of organic biomarkers in arctic sediments from the Mackenzie River and Beaufort Shelf. *Marine Chemistry*. **71(1-2)**: 23-51.
- 1211 Hoyt, M., et al. (2000). Serological estimation of prey-protein gut-residence time and quantification of meal size for grass shrimp consuming meiofaunal copepods. *Journal of Experimental Marine Biology and Ecology*. **248**: 105-119.
- 1212 Luckhurst, B. E., et al. (2000). Age, growth and reproduction of the lane snapper, *Lutjanus synagris* (Pisces: Lutjanidae) at Bermuda. *Marine Ecology Progress Series*. **203**: 255-261.
- 1213 Sojisuorn, P., et al. (1994). Numerical model of tidal circulation in Phangnga Bay, Thailand. *Phuket Marine Biological Center Research Bulletin*. **59**: 65-81.
- 1214 Restrepo, J. D. and B. Kjerfve (2000). Water discharge and sediment load from the western slopes of the Colombian Andes with focus on Rio San Juan. *Journal of Geology*. **108**: 17-33.
- 1215 Kjerfve, B., et al. (1994). Impacts of climate change in estuary and delta environments. *Impacts of Climate Change on Ecosystems and Species: Marine and Coastal Ecosystems*. J. Pernetta, R. Leemans, D. Elder and S. Humphrey. Gland, Switzerland, IUCN: 32-43.
- 1216 Kjerfve, B. (1995). Um presente para Newton: Marés oceânicas já estão sendo medidas a partir do espaço (A present for Newton: Oceanic tides can now be measured from space). *Ciência Hoje*. **19(111)**: 6-8.
- 1217 Kjerfve, B. (1994). O clima e a produção de alimentos (The climate and food production). *Ciência Hoje*. **17(101)**: 13-14.
- 1218 Mangrove Task Team, et al. (1994). Assessment and monitoring of climate change impacts on mangrove ecosystems. *UNEP Regional Seas Reports and Studies 154*. Nairobi, Kenya, United Nations Environmental Programme: 70.
- 1219 Kjerfve, B. and C. A. F. Schettini (1993). Water and salt balance in a hypersaline coastal lagoon. *Proceedings of the symposium on Perspectives for Environmental Geochemistry in Tropical Countries*. Niterói, Brazil, Editora UFF : 467-470.
- 1220 Zijlstra, J. J., et al. (1986). Coastal-offshore ecosystems relationships. *UNESCO Technical Papers in Marine Science 48* <http://geotest.tamu.edu/userfiles/167/913.pdf>. Paris, UNESCO : 48.
- 1221 Kjerfve, B., et al. (1987). Landsat TM analysis and numerical modeling of sediment dispersion in a Mexican coastal lagoon. *Third Annual Landsat Workshop Laboratory for Terrestrial Physics, National Aeronautics and Space Administration*: 31-36.
- 1222 Jensen, J. R., et al. (1987). Application of Landsat thematic mapper data to assess suspended sediment dispersion in a coastal lagoon. *Proceedings, 1987 ASPRS-ACSM Fall Convention, American Society for Photogrammetry and Remote Sensing*: 26-35.
- 1223 Schettini, C. A. F., et al. (1997). Dispersão e transporte de sal no estuário do Rio Itajaí-Açu em condições de baixa descarga. *Resumos Expandidos VII COLACMAR Congresso Latino-americano sobre Ciências do Mar*. **2**: 424-425.

- 1224 Cho, W. K., et al. (1997). Coastal Zone Management for Coastal Engineering - Malaysia. Proceedings Pacific Coasts and Ports '97. **13**: 309-312.
- 1225 Moore, W. S., et al. (1998). Identification of rain-freshened plumes in the coastal ocean using Ra isotopes and Si. Journal of Geophysical Research. **103(C4)**: 7709-7717.
- 1226 Miranda, L. B., et al. (1998). Circulation and mixing due to tidal forcing in the Bertioga Channel, São Paulo, Brazil. Estuaries. **21(2)**: 204-214.
- 1227 Heyman, W. D. and B. Kjerfve (1999). Hydrological and oceanographic considerations for integrated coastal zone management in southern Belize. Environmental Management. **24(2)**: 229-245.
- 1228 Kjerfve, B. and B. A. Knoppers (1999). Physical characteristics of lagoons of the east Fluminense coast, State of Rio de Janeiro, Brazil. . Environmental Geochemistry of Coastal Lagoon Systems, Rio de Janeiro. Série Geoquímica Ambiental. B. Knoppers, E. D. Bidone and J. J. Abrão. **6**: 57-67.
- 1229 Patchineelam, S., et al. (1999). A preliminary sediment budget for the Winyah Bay estuary, South Carolina, USA. Marine Geology. **162(1)**: 133-144.
- 1230 Jensen, J. R., et al. (2002). Remote sensing of biomass, leaf-area-index, and chlorophyll a and b content in the ACE Basin National Estuarine Research Reserve using sub-meter digital camera imagery. Geocarto International. **17(3)**: 25-34.
- 1231 Kjerfve, B., et al. (2002). Morphodynamics of muddy environments along the Atlantic coasts of North and South America. Muddy Coasts of the World: Processes, Deposits and Functions. T. Healy, Y. Wang and J.-A. Healy. Amsterdam, Elsevier Science B.V. : 479-532.
- 1232 Heyman, W. D. and B. Kjerfve (2001). Gulf of Honduras. Coastal Marine Ecosystems of South America. Ecological Studies, Vol 144. U. Seeliger and B. Kjerfve. Heidelberg, Springer-Verlag : 17-32.
- 1233 Kjerfve, B., et al. (2001). Baía de Guanabara, Rio de Janeiro, Brazil. Coastal Marine Ecosystems of Latin America. U. Seeliger and B. Kjerfve. Heidelberg., Springer-Verlag: 107-117.
- 1234 Kjerfve, B., et al. (2001). A summary of natural and human-induced variables in coastal marine ecosystems of Latin America. U. Seeliger and B. Kjerfve. Springer-Verlag, Coastal Marine Ecosystems of Latin America. **Heidelberg**: 341-352.
- 1235 Seeliger, U. and B. Kjerfve (2001). Coastal Marine Ecosystems of South America. Ecological Studies, volume 144. Heidelberg, Springer-Verlag: 360.
- 1236 Gransden, S. G. and A. J. Lewitus (2003). Grazing of two euplotid ciliates on the heterotrophic dinoflagellates *Pfiesteria piscidia* and *Cryptoperidiniopsis* sp. Aquatic Microbial Ecology. **33**: 303-308.
- 1237 Dame, R., et al. (1998). Ecosystem scale observations of estuarine variability. ICES. **CM 1998/MIN18**.
- 1238 Cowart, J. D., et al. (2000). Halogenated metabolites in two marine polychaetes and their planktotrophic and lecithotrophic larvae. Marine Biology. **136(6)**: 993-1002.
- 1239 Lewitus, A. J., et al. (1999). Human health and environmental impacts from *Pfiesteria*: A science-based rebuttal to Griffith (1999). Human Organization. **58(4)**: 455-458.
- 1240 Reichert, M. J. M., et al. (2000). Somatic growth and otolith growth in juveniles of a small subtropical flatfish, the fringed flounder, *Etropus crossotus*. Journal of Experimental Marine Biology and Ecology. **254**: 169-188.
- 1241 Bushek, D. and T. L. Howell (2000). The effect of UV irradiation on *Perkinsus marinus* and its potential use to reduce transmission via shellfish effluents. North Dartmouth, MA, Northeast Regional Aquaculture Center, University of Massachusetts. **RAC Publication No. 00-008**.
- 1242 Kovatch, C. E., et al. (2000). Tolerance and genetic relatedness of three meiobenthic copepod populations exposed to sediment-associated contaminant mixture: Role of environmental history. Environmental Toxicology and Chemistry. **19**: 912-919.

- 1243 Paludan, C. and J. T. Morris (1999). Distribution and speciation of phosphorus along a salinity gradient in intertidal marsh sediments. *Biogeochemistry*. **45**: 197-221.
- 1244 Morris, J. T. and P. M. Bradley (1999). Effects of nutrient loading on the carbon balance of coastal wetland sediments. *Limnology and Oceanography*. **44(3)**: 699-702.
- 1245 Sundareshwar, P. V. and J. T. Morris (1999). Phosphorus sorption characteristics of intertidal marsh sediments along an estuarine salinity gradient. *Limnology and Oceanography*. **44**: 1693-1701.
- 1246 Morris, J. T. (2000). Effects of sea level anomalies on estuarine processes. *Estuarine Science: A Synthetic Approach to Research and Practice*. J. Hobbie, Island Press : 107-127.
- 1247 Geyer, W. R., et al. (2000). Interaction between physical processes and ecosystem structure: A comparative approach. *Estuarine Science: A Synthetic Approach to Research*. J. Hobbie, Island Press : 177-206.
- 1248 Yang, X. (2005). Use of LIDAR elevation data to construct a high-resolution digital terrain model for an estuarine marsh area. *International Journal of Remote Sensing*. **26(23)** 5163-5166.
- 1249 Mendelssohn, I. A. and J. T. Morris (2000). Ecophysiological controls on the productivity of *Spartina alterniflora* Loisel. *Concepts and Controversies in Tidal Marsh Ecology*. M. P. Weinstein and D. A. Kreeger. Dordrecht, The Netherlands, Kluwer Academic Publishers : 59-80.
- 1250 Hoskins, D. L., et al. (2001). Digestion of biofilm carbohydrates by a deposit-feeding brittlestar (Ophiuroidea: Amphiuridae). *Echinoderms 2000. Proceedings of the 10th International Echinoderm Conference*. M. F. Barker. Rotterdam, Balkema Press : 275-280.
- 1251 Kawaguchi, T., et al. (1999). Mercury in the American oyster *Crassostrea virginica* in South Carolina, USA and public health concerns. *Marine Pollution Bulletin*. **38(4)**: 324-327.
- 1252 Dame, R. F., et al. (2000). Estuaries of the South Atlantic coast of North America: Their geographical signatures. *Estuaries and Coasts*. **23(6)**: 793-819.
- 1253 Gardner, L. R. and D. E. Porter (2001). Stratigraphy and geologic history of a southeastern salt marsh basin, North Inlet, South Carolina, USA. *Wetlands Ecology and Management*. **9(5)**: 371-385.
- 1254 Viscido, S. V., et al. (2001). The response of a selfish herd to an attack from outside the group perimeter. *Journal of Theoretical Biology*. **208**: 315-328.
- 1255 Fielman, K. T., et al. (2001). Polychaete indicator species as a source of natural halogenated organic compounds in marine sediments. *Environmental Toxicology and Chemistry*. **20(4)**: 738-747.
- 1256 Staton, J. L., et al. (2001). Ecotoxicology and population genetics: The emergence of 'Phylogeographic and Evolutionary Ecotoxicology'. *Ecotoxicology*. **10(4)**: 217-222.
- 1257 Schizas, N. V., et al. (2001). Differential survival of three mitochondrial lineages in a marine copepod exposed to a mixture of pesticides. *Environmental Science and Technology*. **35**: 535-538.
- 1258 Han, K., et al. (2001). *Amphitrite ornata*, a marine worm, contains two dehaloperoxidase genes. *Marine Biotechnology*. **3**: 287-292.
- 1259 Dame, R., et al. (2001). Benthic suspension feeders as determinants of ecosystem structure and function in shallow coastal waters. *Ecological Comparisons of Sedimentary Shores*. Ecological Studies, Volume 151. K. Reise. Berlin, Springer-Verlag: 11-37.
- 1260 Dame, R., et al. (2002). Ecosystem response to bivalve density reduction: Management implications *Aquatic Ecology*. **36**: 51-65.
- 1261 Reece, K. S., et al. (2001). Geographic distribution of *Perkinsus marinus* genetic strains

- along the Atlantic and Gulf coasts of the USA. *Marine Biology*. **139**: 1047-1055.
- 1262 Medeiros, C., et al. (2001). The Itamaracá estuarine ecosystem, Brazil. *Coastal Marine Ecosystems of Latin America. Ecological Studies*, Vol. 144. U. Seeliger and B. Kjerfve. Heidelberg, Springer-Verlag : 71-81.
- 1263 Aelion, C. M. and J. N. Shaw (2000). Denitrification in South Carolina (USA) Coastal Plain aquatic sediments. *Journal of Environmental Quality*. **29**: 1696-1703.
- 1264 Aelion, C. M. and P. P. Mathur (2001). Atrazine biodegradation to deisopropylatrazine and deethylatrazine in coastal sediment of different land use. *Environmental Toxicology and Chemistry*. **20**: 2411-2419.
- 1265 Williams, V. and M. Fletcher (1996). *Pseudomonas fluorescens* adhesion and transport through porous media are affected by lipopolysacchride composition. *Applied and Environmental Microbiology*. **62**: 100-104.
- 1266 Noble, P. A., et al. (1997). Natural microbial community compositions compared by a back propagating neural network and cluster analysis of 5S rRNA. *Applied and Environmental Microbiology*. **63**: 1762-1770.
- 1267 Wiencek, K. M. and M. Fletcher (1997). Effects of substratum wettability and molecular topography on the initial adhesion of bacteria to chemically defined substrata. *Biofouling*. **11**: 293-311.
- 1268 Grosse, D. J., et al. (1997). Fisheries and pollution: A conference overview. *Transactions of the American Fisheries Society*. **126**: 504-505.
- 1269 Fletcher, M. (1999). Biofilms and biocorrosion. *Manual of Industrial Microbiology and Biotechnology*, 2nd edition. A. L. Demain and J. E. Davies. Washington, DC, American Society for Microbiology : 704-714.
- 1270 Gandy, E. L. and D. C. Yoch (1988). Relationship between nitrogen-fixing sulfate reducers and fermenters in salt marsh sediments and roots of *Spartina alterniflora*. *Applied and Environmental Microbiology*. **54**: 2031-2036.
- 1271 Van Schie, P. M. and M. Fletcher (1999). Adhesion of biodegradative anaerobic bacteria to solid surfaces. *Applied and Environmental Microbiology*. **65**: 5082-5088.
- 1272 Fletcher, M. and P. A. Noble (2000). Molecular approaches for characterizing microbial community structure in estuaries. *Microbial Biosystems: New Frontiers. Proceedings of the 8th International Symposium on Microbial Ecology*. Halifax, NS, Canada, Atlantic Canada Society for Microbiology : 113-118.
- 1273 Fletcher, M. and E. Murphy (2001). Transport of microorganisms in the subsurface: The role of attachment and colonization of particle surfaces. *Subsurface Microbiology and Biogeochemistry*. J. K. Fredrickson and M. Fletcher. New York, Wiley-Liss, Inc.: 39-68.
- 1274 Fredrickson, J. K. and M. Fletcher (2001). *Subsurface Microbiology and Biogeochemistry*. New York, Wiley-Liss, Inc.
- 1275 Fletcher, M. and A. W. Decho (2002). Biofilms. *Encyclopedia of Life Sciences*. London, Macmillan Publishers, Ltd Nature Publishing Group: 182-188.
- 1276 Almeida, J. S., et al. (2001). Analysis of genomic sequences by chaos game representation. *Bioinformatics*. **17(5)**: 429-437.
- 1277 Dawson, M. N., et al. (2001). Phylogeography of the tidewater goby, *Eucyclogobius newberryi* (Teleostei, Gobiidae), in coastal California. *Evolution*. **55(6)**: 1167-1179.
- 1278 Jacobs, D. K., et al. (2000). Molluscan engrailed expression, serial organization and shell evolution. *Evolution & Development*. **2(6)**: 340-347.
- 1279 Staton, J. L., et al. (2000). Genetic variation and systematic diversity in the ghost shrimp genus *Lepidophthalmus* (Decapoda: Thalassinidea: Callinassidae). *Journal of Crustacean Biology*. **20 (special number 2)**: 157-169.
- 1280 Felder, D. L. and J. L. Staton (2000). *Lepidophthalmus manningi*, a new ghost shrimp from the southwestern Gulf of Mexico (Decapoda: Thalassinidea: Callinassidae). *Journal of Crustacean Biology*. **20(special issue 2)**: 170-181.

- 1281 Staton, J. L. (2000). Homology in character evolution. Encyclopedia of Life Sciences. London, John Wiley & Sons, Ltd.
- 1282 Bagwell, C. E. and C. R. Lovell (2000). Persistence of selected *Spartina alterniflora* rhizoplane diazotrophs exposed to natural and manipulated environmental variability. Applied and Environmental Microbiology. **66**: 4625-4633.
- 1283 Bagwell, C. E. and C. R. Lovell (2000). Microdiversity of culturable diazotrophs from the rhizoplanes of the salt marsh grasses *Spartina alterniflora* and *Juncus roemerianus*. Microbial Ecology. **39**: 128-136.
- 1284 Dang, H. and C. R. Lovell (2000). Bacterial primary colonization and early succession on surfaces in marine waters as determined by amplified rRNA gene restriction analysis and sequence analysis of 16S rRNA genes. Applied and Environmental Microbiology. **66**: 467-675.
- 1285 Lovell, C. R. (2000). Diversity, microbial. Encyclopedia of Microbiology, Volumes 1-4. J. Lederberg, Academic Press. **2**: 55-70.
- 1286 Lovell, C. R., et al. (2000). Molecular analysis of diazotroph diversity in the rhizosphere of the smooth cordgrass, *Spartina alterniflora*. Applied and Environmental Microbiology. **66**: 3814-3822.
- 1287 Piceno, Y. M. and C. R. Lovell (2000). Stability of natural bacterial communities: I. Nutrient addition effects on rhizosphere diazotroph assemblage composition. Microbial Ecology. **39**: 32-40.
- 1288 Piceno, Y. M. and C. R. Lovell (2000). Stability of natural bacterial communities: II. Plant resource allocation effects on rhizosphere diazotroph assemblage composition. Microbial Ecology. **39**: 41-48.
- 1289 Leaphart, A. B. and C. R. Lovell (2001). Recovery and analysis of formyltetrahydrofolate synthetase gene sequences from natural population of acetogenic bacteria. Applied and Environmental Microbiology. **67(3)**: 1392-1395.
- 1290 Thompson, J. N., et al. (2001). Frontiers of Ecology. BioScience. **51(1)**: 15-24.
- 1291 Bergholz, P. W., et al. (2001). Physiological diversity of rhizoplane diazotrophs of the saltmeadow cordgrass, *Spartina patens*. Implications for host specific ecotypes. Microbial Ecology. **42**: 466-473.
- 1292 DeLorenzo, M. E., et al. (2001). Use of metabolic inhibitors to characterize ecological interactions in an estuarine microbial food web. Microbial Ecology. **42**: 317-327.
- 1293 Lovell, C. R., et al. (2002). Resistance of the marine diatom *Thalassiosira* sp. to toxicity of phenolic compounds. Marine Ecology Progress Series. **229**: 11-18.
- 1294 Schizas, N. V., et al. (2002). Sympatry of distinct mitochondrial DNA lineages in a copepod inhabiting estuarine creeks in the southeastern USA. Marine Biology. **140**: 585-594.
- 1295 Kelsey, R. H., et al. (2003). Using multiple antibiotic resistance and land use characteristics to determine sources of fecal coliform bacterial pollution. Environmental Monitoring and Assessment. **81**: 337-348.
- 1296 Bushek, D., et al. (2002). Serological affinities of the oyster pathogen *Perkinsus marinus* (Apicomplexa) with some dinoflagellates (Dinophyceae). Journal of Eukaryotic Microbiology. **49(1)**: 11-16.
- 1297 Gardner, L. R., et al. (2002). Groundwater dynamics along forest-marsh transects in a southeastern salt marsh, USA: Description, interpretation, and challenges for numerical modeling. Wetlands Ecology and Management. **10**: 145-159.
- 1298 Chintala, M. M., et al. (2002). Comparison of in vitro-cultured and wild-type *Perkinsus marinus* II. Dosing methods and host response. Diseases of Aquatic Organisms. **51**: 203-216.
- 1299 Ford, S. E., et al. (2002). Comparison of in vitro-cultured and wild-type *Perkinsus marinus* I. Pathogen virulence. Diseases of Aquatic Organisms. **51**: 187-201.

- 1300 Bushek, D., et al. (2002). Comparison of in vitro-cultured and wild-type *Perkinsus marinus* III. Fecal elimination and its role in transmission. *Diseases of Aquatic Organisms*. **51**: 217-225.
- 1301 Polson, S. W. and G. W. Smith (2001). A long-term study of biomass fluctuations within the seagrass communities surrounding San Salvador Island, Bahamas. *Proc. Symp. Nat. Hist. Bahamas*. **8**: 62-67.
- 1302 Malmstrom, J., et al. (2001). Study of secondary metabolites associated with virulent and non-virulent strains of *Aspergillus sydowii*: Sea fan pathogen. *Proc. Symp. Nat. Hist. Bahamas*. **8**: 48-52.
- 1303 Weir, J., et al. (2001). A potential pathogen that affects *Briareum asbestinum*. *Proc. Symp. Nat. Hist. Bahamas*. **8**:103-105.
- 1304 Coull, B. C. and G. T. Chandler (2001). Meiobenthos. *Encyclopedia of Ocean Sciences*. J. H. Steele, S. A. Thorpe and K. Turekian. Orlando, FL, Academic Press : 1705-1711.
- 1305 Lohrer, A. M. (2001). The invasion by *Hemigrapsus sanguineus* in eastern North America: A review. *Aquatic Invaders*. **12(3)**: 1-11.
- 1306 Lewitus, A. J., et al. (2004). Prevalence of raphidophyte blooms in South Carolina brackish ponds associated with housing and golf courses. *Proceeding, Xth International Conference on Harmful Algal Blooms*. K. A. Steidinger, J. A. Landsberg, C. R. Tomas and G. A. Vargo. St. Petersburg, Florida, Florida Fish and Wildlife Commission, Florida Institute of Oceanography, and Intergovernmental Oceanographic Commission of UNESCO : 350-352.
- 1307 Bagwell, C. E., et al. (2001). Host-specific ecotypic diversity of rhizoplane diazotrophs of the perennial glasswort, *Salicornia virginica*, and selected salt marsh grasses. *Aquatic Microbial Ecology*. **23**: 293-300.
- 1308 Chen, Y. P., et al. (1991). Purification and properties of a unique flavin-containing chloroperoxidase from the capitellid polychaete *Notomastus lobatus*. *Journal of Biological Chemistry*. **266(35)**: 23909-23915.
- 1309 Lovell, C. R., et al. (2001). Recovery and phylogenetic analysis of nifH sequences from diazotrophic bacteria associated with dead aboveground biomass of *Spartina alterniflora*. *Applied and Environmental Microbiology*. **67**: 5308-5314.
- 1310 Morris, J. T., et al. (1996). Effects of sulfide on growth and dimethylsulphoniopropionate (DMSP) concentration in *Spartina alterniflora*. *Biological and Environmental Chemistry of DMSP and Related Sulfonium Compounds*. R. Kiene, P. Visscher, M. Keller and G. Kirst. NY, Plenum : 87-95.
- 1311 Bagwell, C. E., et al. (2002). Molecular diversity of diazotrophs in oligotrophic tropical seagrass bed communities. *FEMS Microbiology Ecology*. **39(2)**: 113-119.
- 1312 Beeson, K., et al. (2002). Differentiation of plasmids in marine diazotroph assemblages determined by randomly amplified polymorphic DNA analysis. *Microbiology*. **148**: 179-189.
- 1313 Dang, H. and C. R. Lovell (2002). Numerical dominance and phylotype diversity of marine *Rhodobacter* during early colonization of submerged surfaces in coastal marine waters as determined by 16S ribosomal DNA sequence analysis and fluorescence in situ hybridization. *Applied and Environmental Microbiology*. **68(2)**: 496-504.
- 1314 Lovell, C. R. (2002). Plant-microbe interactions in the marine environment. *Encyclopedia of Environmental Microbiology*. G. Bitton. New York, Wiley. **5**: 2539-2554.
- 1315 Lovell, C. R., et al. (2001). Stability of a rhizosphere microbial community exposed to natural and manipulated environmental variability. *FEMS Microbiology Ecology*. **38(1)**: 69-76.
- 1316 McGrath, T. A. and G. W. Smith (2001). Monitoring the coral patch reefs of San Salvador Island, Bahama. *Proc. Symp. Nat. Hist. Bahamas*. **8**: 53-61.
- 1317 Alker, A. P., et al. (2001). Characterization of *Aspergillus sydowii* (Thom et Church), a

- fungal pathogen of Caribbean sea fan corals. *Hydrobiologia*. **460**: 105-111.
- 1318 Ritchie, K. B., et al. (2001). Microbial disease causation in marine invertebrates: Problems, practices and future prospects. *Hydrobiologia*. **460**: 131-139.
- 1319 Richardson, L. L., et al. (2001). Integrating microbiological, microsensor, molecular and physiologic techniques in the study of coral disease pathogenesis. *Hydrobiologia*. **460**: 71-89.
- 1320 Harvell, D., et al. (2001). Coral bleaching and disease: Contributors to 1998 mass mortality in *Briareum asbestinum* (Gorgonacea). *Hydrobiologia*. **460**: 97-104.
- 1321 Cervino, J., et al. (2001). Yellow band and dark spot syndromes in Caribbean corals: Distribution, rate of spread, cytology and effects on abundance and division rate of zooxanthellae. *Hydrobiologia*. **460**: 53-63.
- 1322 Weir-Brush, J. R., et al. (2004). The relationship between gorgonian coral (Cnidaria:Gorgonacea) disease and African dust storms. *Aerobiologia*. **20**: 119-126.
- 1323 Young, R. F. and H. D. Phillips (2002). Primary production required to support bottlenose dolphins in a salt marsh estuarine creek system. *Marine Mammal Science*. **18(2)**: 358-373.
- 1324 Marinelli, R. L. and S. A. Woodin (2002). Experimental evidence for linkages between infaunal recruitment, disturbance and sediment surface chemistry. *Limnology & Oceanography*. **47(1)**: 221-229.
- 1325 Aller, J. Y., et al. (2001). Organism-Sediment Interactions. Belle W. Baruch Library in Marine Science. Columbia, SC, University of South Carolina Press. **no. 21**.
- 1326 Wethey, D. S., et al. (2001). Population consequences of intermediate disturbance: Enhancement of recruitment by browsing predation. Organism-Sediment Interactions. Belle W. Baruch Library in Marine Science. J. Y. Aller, S. A. Woodin and R. C. Aller. Columbia, SC, University of South Carolina Press. **21**: 141-157.
- 1327 Heyman, W. D., et al. (2001). Whale sharks, *Rhincodon typus*, aggregate to feed on fish spawn in Belize. *Marine Ecology Progress Series*. **215**: 275-282.
- 1328 Ax, P. (1995). New *Promesostoma* species (Rhabdoceola, Plathelminthes) from the North Inlet salt marsh of Hobcaw Barony, South Carolina, USA. *Microfauna Marina*. **10**: 313-318.
- 1329 Ax, P. (1997). *Beklemischeviella angustior* Luther and *Vejdovkya parapellucida* n. sp. (Rhabdoceola, Plathelminthes) from brackish water of Winyah Bay, South Carolina, USA. *Microfauna Marina*. **11**: 19-26.
- 1330 Ax, P. (1997). Two *Prognathorhynchus* species (Kalyptorhynchia, Plathelminthes) from the North Inlet salt marsh of Hobcaw Barony, South Carolina, USA. *Microfauna Marina*. **11** 317-320.
- 1331 Lewitus, A. J., et al. (2003). Harmful algal blooms in South Carolina residential and golf course ponds. *Population and Environment*. **24(5)**: 387-413.
- 1332 Silliman, S. E., et al. (2001). Bacterial transport in heterogeneous porous media: Observations from laboratory experiments. *Water Resources Research*. **37**: 2699-2707.
- 1333 Dong, H., et al. (2002). Simultaneous transport of two bacterial strains in intact cores from Oyster, Virginia: Biological effects and numerical modeling. *Applied and Environmental Microbiology*. **68(5)**: 2120-2132.
- 1334 Lewitus, A. J. and A. F. Holland (2003). Initial results from a multi-institutional collaboration to monitor harmful algal blooms in South Carolina. Proceedings of the EMAP Symposium 2001: Coastal Monitoring through Partnerships. *Environmental Monitoring and Assessment*. **81**: 361-371.
- 1335 Quattro, J. M., et al. (2001). Evolutionary significant units of rare pygmy sunfishes (genus *Elassoma*). *Copeia*. **101**: 514-520.
- 1336 Quattro, J. M., et al. (2001). Gene-gene concordance and the phylogenetic relationships

- among rare and widespread pygmy sunfishes (genus *Elassoma*). Molecular Phylogenetics and Evolution. **18**: 217-226.
- 1337 Grady, J. M., et al. (2001). Taxonomic diversity, origin, and conservation status of Bermuda killifishes (*Fundulus*) based on mitochondrial cytochrome b phylogenies. Conservation Genetics. **2**: 41-52.
- 1338 Merritt, T. J. S. and J. M. Quattro (2001). Evidence for a period of directional selection following gene duplication in a neurally expressed locus of trisephosphate isomerase. Genetics. **159**: 689–697.
- 1339 Quattro, J. M., et al. (2001). PCR Primers for an aldolase-B intron in acanthopterygian fishes. BMC Evolutionary Biology. **1**: 9.
- 1340 Quattro, J. M., et al. (2001). Extreme mitochondrial DNA divergence within populations of the deep-sea gastropod *Frigidoalvania brychia*. Marine Biology. **139(6)**: 1107-1113.
- 1341 Quattro, J. M., et al. (2002). Genetic issues in aquatic species management: The shortnose sturgeon (*Acipenser brevirostrum*) in the Southeastern United States. Conservation Genetics. **3**: 155-166.
- 1342 Gardner, L. R. and H. W. Reeves (2002). Spatial patterns in soil water fluxes along a forest-marsh transect in the southeastern United States. Aquatic Sciences. **64**: 141-155.
- 1343 D'Andrea, A. F., et al. (2002). Organic matter flux and reactivity on a South Carolina sandflat: The impacts of porewater advection and macrobiological structures. Limnology and Oceanography. **47(4)**: 1056-1070.
- 1344 Viscido, S. V. and D. S. Wethey (2002). Quantitative analysis of fiddler crab flock movement: Evidence for "selfish herd" behavior. Animal Behavior. **63**: 735-741.
- 1345 Vo, M., et al. (2004). Assessing photoinduced toxicity of polycyclic aromatic hydrocarbons in an urbanized estuary. Ecology & Society. **9(5) article 3**. : 22 p.
- 1346 Viscido, S. V., et al. (2002). The dilemma of the selfish herd: The search for a realistic movement rule. Journal of Theoretical Biology. **217**: 183-194.
- 1347 Wetz, M. S., et al. (2002). Impact of the Eastern oyster *Crassostrea virginica* on microbial community structure in a salt marsh estuary. Aquatic Microbial Ecology. **28**: 87-97.
- 1348 Eriksen, N. T., et al. (2002). Growth responses of the mixotrophic dinoflagellates, *Cryptoperidiniopsis* sp. and *Pfiesteria piscicida*, to light under prey-saturated conditions. Harmful Algae. **1**: 191-203.
- 1349 Lewitus, A. J., et al. (2002). Low abundance of the dinoflagellates, *Pfiesteria piscicida*, *P. shumwayae*, and *Cryptoperidiopsis* spp. in South Carolina tidal creeks and open estuaries. Estuaries and Coasts. **25(4A)**: 586-597.
- 1350 Gardner, L. R. and H. W. Reeves (2002). Seasonal patterns in the soil water balance of a *Spartina* marsh site at North Inlet, South Carolina, USA. Wetlands. **22(3)**: 467-477.
- 1351 Staton, J. L., et al. (2002). Effect of salinity variation and pesticide exposure on an estuarine harpacticoid copepod, *Microarthridion littorale* (Poppe), in the southeastern US. Journal of Experimental Marine Biology & Ecology. **278**: 101-110.
- 1352 Patterson, K. L., et al. (2002). The etiology of white pox, a lethal disease of the Caribbean elkhorn coral, *Acropora palmata*. Proceedings, National Academy of Sciences of the United States. **99(13)**: 8725-8730.
- 1353 Kempton, J. W., et al. (2002). Toxicity of *Karlodinium micrum* (Dinophyceae) associated with a fish kill in a South Carolina brackish retention pond. Harmful Algae. **1**: 233-241.
- 1354 Marinelli, R. L., et al. (2002). Experimental investigation of the control of bacterial community composition in macrofaunal burrows. Marine Ecology Progress Series. **235**: 1-13.
- 1355 Dang, H. Y. and C. R. Lovell (2002). Seasonal dynamics of particle-associated and free-living marine proteobacteria in a salt marsh tidal creek as determined using fluorescence in situ hybridization. Environmental Microbiology. **4(5)**: 287-295.

- 1356 Lehnert, R. L. and D. M. Allen (2002). Nekton use of subtidal oyster shell habitat in a Southeastern U.S. Estuary. *Estuaries*. **25(5)**: 1015-1024.
- 1357 Potthoff, M. T. and D. M. Allen (2003). Site fidelity, home range, and tidal migrations of juvenile pinfish, *Lagodon rhomboides*, in salt marsh creeks. *Environmental Biology of Fishes*. **67**: 231-240.
- 1358 McAlister, J. S. and S. E. Stancyk (2003). Effects of variable water motion on regeneration of *Hemipholis elongata* (Echinodermata: Ophiuroidea). *Invertebrate Biology*. **122(2)**: 166-176.
- 1359 Kempton, J. W., et al. (2002). *Kryptoperidinium foliaceum* blooms in South Carolina: A multi-analytical approach to identification. *Harmful Algae*. **1**: 383-392.
- 1360 Tufford, D. L., et al. (2003). Impacts of urbanization on nutrient concentrations in small southeastern coastal streams. *Journal of American Water Resources Association*. **39(2)** 301-312.
- 1361 White, D. L., et al. (2004). Spatial and temporal analyses of water quality and phytoplankton biomass in an urbanized versus a relatively pristine salt marsh estuary. *Journal of Experimental Marine Biology & Ecology*. **298**: 255-273.
- 1362 Megalofonou, P., et al. (2003). The potential use of scales for estimating age and growth of Mediterranean albacore (*Thunnus alalunga*). *Journal of Applied Ichthyology*. **18**: 1-6.
- 1363 Reichert, M. J. M. (2003). Diet, consumption, and growth of juvenile fringed flounder (*Etropus crossotus*); a test of the maximum growth/optimum food hypothesis in a subtropical nursery area. *Journal of Sea Research*. **50(1/2)**: 97-116.
- 1364 Staton, J. L., et al. (2003). Mitochondrial gene diversity of *Skistodiaptomus mississippiensis* in impoundments of the Upper Coastal Plain near Aiken, South Carolina, USA. *Archiv für Hydrobiologie*. **158(2)**: 215-231.
- 1365 Kelsey, H., et al. (2004). Using Geographic Information Systems and regression analysis to evaluate relationships between land use and fecal coliform bacterial pollution. *Journal of Experimental Marine Biology and Ecology*. **298**: 197-209.
- 1366 Ely, B., et al. (2002). Analyses of nuclear *ldhA* gene and mtDNA control region sequences of Atlantic northern bluefin tuna populations. *Marine Biotechnology*. **4**: 583-588.
- 1367 Sundareshwar, P. V., et al. (2003). Phosphorus limitation of coastal ecosystem processes. *Science*. **299**: 563-565.
- 1368 McCraith, B. J., et al. (2003). The effect of fiddler crab burrowing on sediment mixing and radionuclide profiles along a topographic gradient in a southeastern salt marsh. *Journal of Marine Research*. **61**: 359-390.
- 1369 Marcy, B. C. J., et al. (2005). *Fishes of the Middle Savannah River Basin With Emphasis on the Savannah River Site*. Athens, GA, University of Georgia Press.
- 1370 Middaugh, D. P. and C. L. McKenney Jr. (2003). Occurrence and orientation of flounders (Bothidae: Paralichthys) on an intertidal beach. *Journal of the North Carolina Academy of Science*. **119(4)**: 157-171.
- 1371 Cross, R. E. and M. C. Curran (2004). Recovery of meiofauna in intertidal feeding pits created by rays. *Southeastern Naturalist*. **3**: 219-230.
- 1372 Southerland, H. A. and A. J. Lewitus (2004). Physiological responses of estuarine phytoplankton to ultraviolet light-induced fluoranthene toxicity. *Journal of Experimental Biology and Ecology*. **298(2)**: 303-322.
- 1373 Lewitus, A. J., et al. (2004). Iron limitation of phytoplankton in an urbanized vs. forested southeastern U.S. salt marsh estuary. *Journal of Experimental Marine Biology and Ecology*. **298**: 233-254.
- 1374 Gielazyn, M. L., et al. (2003). Detection of oxidative DNA damage in isolated marine bivalve hemocytes using the comet assay and formamidopyrimidine glycosylase (Fpg). *Mutation Research*. **542**: 15-22.
- 1375 Goñi, M. A. and L. R. Gardner (2004). Seasonal dynamics in dissolved organic carbon

- concentrations in a coastal water-table aquifer at the forest-marsh interface. *Aquatic Geochemistry*. **9**: 209-232.
- 1376 Kempton, J. W., et al. (2004). Detection of *Kryptoperidinium foliaceum* in South Carolina estuaries using a real-time PCR assay. Proceeding, Xth International Conference on Harmful Algal Blooms. K. A. Steidinger, J. A. Landsberg, C. R. Tomas and G. A. Vargo. St. Petersburg, Florida, Florida Fish and Wildlife Commission, Florida Institute of Oceanography, and Intergovernmental Oceanographic Commission of UNESCO ; 312-314.
- 1377 Wolny, J. L., et al. (2004). Taxonomic re-evaluation of a South Carolina 'Red Tide' dinoflagellate indicates placement in the genus *Kryptoperidinium*. Proceeding, Xth International Conference on Harmful Algal Blooms. K. A. Steidinger, J. A. Landsberg, C. R. Tomas and G. A. Vargo. St. Petersburg, Florida., Florida Fish and Wildlife Commission, Florida Institute of Oceanography, and Intergovernmental Oceanographic Commission of UNESCO ; 443-445.
- 1378 Driggers, W. B. I., et al. (2004). Age and growth of the blacknose shark, *Carcharhinus acronotus*, in the western North Atlantic Ocean with comments on regional variation in growth rates. *Journal of Environmental Biology of Fishes*. **71**: 171-178.
- 1379 Driggers III, W. B., et al. (2004). Reproductive biology of *Carcharhinus acronotus* in the coastal waters of South Carolina. *Journal of Fish Biology*. **64**: 1540-1551.
- 1380 D'Andrea, A. F., et al. (2004). Rapid physical and biological particle mixing on an intertidal sandflat. *Journal of Marine Research*. **62(1)**: 67-92.
- 1381 Gardner, L. R. (2004). Geologic history and the Ergodic Principle: Foundations for long-term ecological research in salt marshes. *The Ecogeomorphology of Tidal Marshes*. Coastal and Estuarine Studies 590. S. Fagherazzi, American Geophysical Union; 189-201.
- 1382 Bushek, D., et al. (2004). Quarantine of oyster shell cultch reduces the abundance of *Perkinsus marinus*. *Journal of Shellfish Research*. **23(2)**: 369-373.
- 1383 Haertel-Borer, S. S., et al. (2004). Fishes and shrimps are significant sources of dissolved inorganic nutrients in intertidal salt marsh creeks. *Journal of Experimental Marine Biology and Ecology*. **311**: 79-99.
- 1384 Bushek, D. and D. M. Allen (2005). Motile suspension feeders in estuarine and marine ecosystems. *The Comparative Roles of Suspension Feeders in Ecosystems*. R. F. Dame and S. Olenin. The Netherlands, Springer ; 53-71.
- 1385 Keppler, C. J., et al. (2005). Sublethal effects of the toxic alga *Heterosigma akashiwo* on the southeastern oyster (*Crassostrea virginica*). *Harmful Algae*. **4**: 275-285.
- 1386 Lewitus, A. J. (2006). Osmotrophy in marine microalgae. *Algal Cultures, Analogues of Blooms and Applications*. D. V. S. Rao. Enfield, New Hampshire, USA, Science Publishers Inc. : 343-383.
- 1387 Cutter, L. A., et al. (2003). Adhesion of anaerobic microorganisms to solid surfaces and the effect of sequential attachment on adhesion characteristics. *Biofouling*. **19(1)**: 9-18.
- 1388 Dean, J. M., et al. (2003). Sustainable fishing in the Mediterranean for bluefin tuna: A case study of ancestral fishing technologies and contemporary practices. Workshop on Farming, Management and Conservation of Bluefin Tuna. I. K. Oray and F. S. Karakulak. Istanbul, Turkey, Turkish Marine Research Foundation ; 102-117.
- 1389 Cervino, J. M., et al. (2004). Zooxanthellae regulation in Yellow Blotch/Band and other coral diseases contrasted with temperature related bleaching: *in-situ* destruction vs expulsion. *Symbiosis*. **37**: 63-86.
- 1390 Garrison, V. H., et al. (2003). African and Asian dust: From desert soils to coral reefs. *BioScience*. **53**: 469-480.
- 1391 Denner, E. B. M., et al. (2003). *Aurantimonas coralicida* gen. nov., sp. nov., the causative agent of white plague type II on Caribbean scleractinian corals. *International Journal*

- of Systematic and Evolutionary Microbiology. **53**: 1115-1122.
- 1392 McGrath, A. T. and G. W. Smith (2003). Comparisons of the 1995 and 1998 coral bleaching events on the patch reefs of San Salvador Island, Bahamas. *Revista de Biologia Tropical*. **51**: 67-76.
- 1393 Ritchie, K. B. and G. W. Smith (2004). Microbial communities of coral surface mucopolysaccharide layers. *Coral Health and Disease*. E. Rosenberg and Y. Loya, Springer-Verlag : 259-263.
- 1394 Gil-Agudelo, D. L., et al. (2004). Dark spots and yellow band disease, two poorly known coral diseases with high incidence in Caribbean reefs. *Coral Health and Disease*. E. Rosenberg and Y. Loya, Springer-Verlag : 337-348.
- 1395 Smith, G. W. and E. Weil (2004). Aspergillosis of Gorgonians. *Coral Health and Disease*. E. Rosenberg and Y. Loya, Springer-Verlag: 279-286.
- 1396 Porter, D. E., et al. (2004). Data management in support of environmental monitoring, research, and coastal management. *Journal of Coastal Research*. **45**: 9-16.
- 1397 Brodie, R. J., et al. (2005). Recruitment to adult habitats following marine planktonic development in the in the fiddler crabs, *Uca pugilator*, *pugnax*, and *minax*. *Marine Biology*. **147**: 105-111.
- 1398 Behum, M. E., et al. (2005). Distribution of juvenile *Uca pugnax* and *Uca pugilator* across habitats in a South Carolina estuary assessed by molecular techniques. *Marine Ecology Progress Series*. **288**: 211-220.
- 1399 Gardner, L. R. (2005). A modeling study of the dynamics of pore water seepage from intertidal marsh sediments. *Estuarine, Coastal, and Shelf Science*. **62**: 691-698.
- 1400 Wilde, S. B., et al. (2005). Avian vacuolar myelinopathy linked to exotic aquatic plants and a novel cyanobacterial species. *Environmental Toxicology & Chemistry*. **20(3)**: 348-353.
- 1401 Lincoln, D. E., et al. (2005). Bromophenol accumulation and sediment contamination by the marine annelids *Notomastus lobatus* and *Thelepus crispus*. *Biochemical Systematics and Ecology*. **33(6)**: 559-570.
- 1402 Lewitus, A. J., et al. (2005). Adapting the CHEMTAX method for assessing phytoplankton taxonomic composition in southeastern U.S. estuaries. *Estuaries and Coasts*. **28(1)**: 158-170.
- 1403 Kulkarni, N. R., et al. (2005). Dimethylsulfoniopropionate in a salt marsh estuary: Correlation to tidal cycle and phytoplankton assemblage composition. *Marine Ecology Progress Series*. **289**: 13-25.
- 1404 Beseres, J. J., et al. (2005). Variation in fiber, protein, and lipid content of shrimp feed - Effects on gut passage times measured in the field. *Journal of Shellfish Research*. **24(1)**: 301-308.
- 1405 Wilson, A. and R. L. Gardner (2005). Comment on "Subsurface flow and vegetation patterns in tidal environments" by Ursino et al. (2004). *Water Resources Research*. **41**
- 1406 Gardner, L. R. (2005). Role of geomorphic and hydrologic parameters in governing pore water seepage from salt marsh sediments. *Water Resources Research*. **41**.
- 1407 Staton, J. L., et al. (2005). Genetic isolation discovered among previously described sympatric morphs of a meiobenthic copepod. *Journal of Crustacean Biology*. **25(4)**: 551-557.
- 1408 Noble, P. A., et al. (2003). Contrasting patterns of phytoplankton community pigment composition in two salt marsh estuaries in southeastern United States. *Applied and Environmental Microbiology*. **69(7)**: 4129-4143.
- 1409 Seim, H., et al. (2003). SEA-COOS – A model for a multi-state, multi-institutional regional observation system. *MTS Journal*. **37**: 92-101.
- 1410 Fletcher, M., et al. (2003). Carolinas Coastal Ocean Observing and Prediction System:

- Enhancing the U.S. Integrated Ocean Observing System through improved regional coastal observations and services. Proceedings of Oceans '03. San Diego, CA, IEEE. **2**: 713-724.
- 1411 Committee on Sharing Coastal Zone Management Innovations. H. John Heinz III Center for Science, E. a. t. E. J. G., Chair; M. Fletcher committee member) (2004). Innovation By Design: Improving Learning Networks in Coastal Management A Report of the H. John Heinz III Center for Science, Economics and the Environment, H. John Heinz III Center: 137pp.
- 1412 Johnson, W. S. and D. M. Allen (2005). Zooplankton of the Atlantic and Gulf Coasts. A Guide to Their Identification and Ecology. Baltimore, MD, John Hopkins University Press.
- 1413 Toline, C. A., et al. (2005). Cement-coated stakes enhance recruitment of damaged oyster reefs (South Carolina). Ecological Restoration. **23(4)**: 277-278.
- 1414 Chaplin-Ebanks, S. and M. C. Curran (2005). The effect of the parasitic isopod, *Probopyrus pandalicola* (Packard, 1879), on tidal activity patterns of the grass shrimp, *Palaemonetes pugio* Holthuis, 1949. Crustaceana. **78(9)**:1053-1062.
- 1415 Lovell, C. R. (2005). Belowground interactions among salt marsh plants and microorganisms. Interactions Between Macro- and Microorganisms in Marine Sediments. Coastal and Estuarine Studies Volume 60. E. Kristensen, J. E. Kostka and R. H. Hease. Washington, DC, American Geophysical Union : 61-83.
- 1416 Beseres, J., et al. (2006). Practical equivalence of laboratory and field measurements of gut passage time in two penaeid shrimp species. Marine Ecology Progress Series. **309**: 221-231.
- 1417 Bagwell, C. E. and C. R. Lovell (2004). A DNA-DNA hybridization method for the detection and quantification of specific bacterial taxa in natural environments. Environmental Microbiology: Methods and Protocols. J. F. T. Spencer and A. L. R. d. Spencer, Humana Press: 169-174.
- 1418 LaRocque, J., et al. (2004). Influence of host plant-derived and abiotic environmental parameters on the composition of the diazotroph assemblage associated with roots of *Juncus roemerianus*. Antonie van Leeuwenhoek. **68**: 249-261
- 1419 Lovell, C. R. (2003). Diversity, microbial. The Desk Encyclopedia of Microbiology. M. Schaechter. San Diego, CA, Academic Press: 324-337.
- 1420 Matsui, G. Y., et al. (2004). Sulfate-reducing bacteria in tubes constructed by the marine infaunal polychaete *Diopatra cuprea*. Applied and Environmental Microbiology. **70**: 7053-7065.
- 1421 Torres, R., et al. (2004). Effects of low tide rainfall on intertidal zone material cycling. The Ecogeomorphology of Tidal Marshes. Coastal and Estuarine Studies Volume 59. S. Fagherazzi, M. Marani and L. K. Blum. Washington, DC, American Geophysical Union : 93-114.
- 1422 Keppler, C. J., et al. (2006). Sublethal cellular effects of short-term raphidophyte and brevetoxin exposures on the eastern oyster *Crassostrea virginica*. Marine Ecology Progress Series. **312**: 141-147.
- 1423 Wilson, A. and R. L. Gardner (2006). Tidally-driven groundwater flow and solute exchange in a salt marsh: Numerical simulations Water Resources Research. **42**.
- 1424 Feller, R. J. (2006). Weak meiofaunal trophic linkages in *Crangon crangon* and *Carcinus maenus*. Journal of Experimental Marine Biology and Ecology. **330(1)**: 274-283.
- 1425 Gardner, L. R. and A. Wilson (2006). Comparison of four numerical models for simulating seepage from salt marsh sediments. Estuarine, Coastal, and Shelf Science. **69(3-4)**: 427-437.
- 1426 Gardner, L. R., et al. (2006). Tidal fluxes of dissolved oxygen at the North Inlet-Winyah Bay National Estuarine Research Reserve. Estuarine, Coastal and Shelf Science.

- 67(3):** 450-460.
- 1427 Pernet, B. and L. McArthur (2006). Feeding by larvae of two different development modes in *Streblospio benedicti* (Polychaeta: Spionidae). *Marine Biology*. **149(4):** 803-811.
- 1428 Lewitus, A. J., et al. (2006). Grazing activity of *Pfiesteria piscicida* (Dinophyceae) and susceptibility to ciliate predation vary with toxicity status. *Harmful Algae*. **5(4):** 427-434.
- 1429 Bretsch, K. and D. M. Allen (2006). Effects of biotic factors on depth selection by salt marsh nekton. *Journal of Experimental Marine Biology and Ecology*. **334(1):** 130-138.
- 1430 Glasgow, H. B., et al. (2004). Real-time remote monitoring of current applications, and advancements in sensor, telemetry, and computing technologies. *Journal of Experimental Marine Biology and Ecology*. **300:** 409-448.
- 1431 Tomas, C., et al. (2004). Blooms of the Ichthyotoxic flagellate *Prymnesium parvum* in U.S. waters: An emerging or a perennial problem? Proceeding, Xth International Conference on Harmful Algal Blooms. K. A. Steidinger, J. A. Landsberg, C. R. Tomas and G. A. Vargo. St. Petersburg, Florida, Florida Fish and Wildlife Commission, Florida Institute of Oceanography, and Intergovernmental Oceanographic Commission of UNESCO : 369-370.
- 1432 Zhang, C., et al. (2004). Evaluation of toxicity in nine raphidophyte strains isolated from different geographic regions. Proceeding, Xth International Conference on Harmful Algal Blooms. K. A. Steidinger, J. A. Landsberg, C. R. Tomas and G. A. Vargo. St. Petersburg, Florida., Florida Fish and Wildlife Commission, Florida Institute of Oceanography, and Intergovernmental Oceanographic Commission of UNESCO : 198-200.
- 1433 Humphries, E., et al. (2004). HAB distribution and associations with environmental variables—Delaware estuarine coastal Bays, USA, 1998-2002. Proceeding, Xth International Conference on Harmful Algal Blooms. K. A. Steidinger, J. A. Landsberg, C. R. Tomas and G. A. Vargo. St. Petersburg, Florida, Florida Fish and Wildlife Commission, Florida Institute of Oceanography, and Intergovernmental Oceanographic Commission of UNESCO : 86-88.
- 1434 Burkholder, J. M., et al. (2004). Status of *Pfiesteria* science, including tests of *Pfiesteria shumwayae* strain CCMP2089 for ichthotoxicity and toxin. Proceeding, Xth International Conference on Harmful Algal Blooms. K. A. Steidinger, J. A. Landsberg, C. R. Tomas and G. A. Vargo. St. Petersburg, Florida, Florida Fish and Wildlife Commission, Florida Institute of Oceanography, and Intergovernmental Oceanographic Commission of UNESCO : 50-52.
- 1435 Novakowski, K. I., et al. (2004). Geomorphic analysis of tidal creek networks. *Water Resources Research*. **40:**13pp.
- 1436 Chaplin-Ebanks, S. A. and M. C. Curran (2007). Prevalence of the bopyrid isopod *Probopyrus pandalicola* in the grass shrimp *Palaemonetes pugio* in four tidal creeks on the South Carolina-Georgia coast. *Journal of Parasitology*. **91(3):** 73-77.
- 1437 Bretsch, K. and D. M. Allen (2006). Tidal migrations of nekton in salt marsh intertidal creeks. *Estuaries and Coasts*. **29(3):** 474-486.
- 1438 Glibert, P. M., et al. (2006). Direct uptake of nitrogen by *Pfiesteria piscicida* and *Pfiesteria shumwayae*, and nitrogen nutritional preferences. *Harmful Algae*. **5(4):** 380-394.
- 1439 Wetz, M. S., et al. (2006). Variability in phytoplankton pigment biomass and taxonomic composition over tidal cycles in a salt marsh estuary. *Marine Ecology Progress Series*. **320:** 109-120.
- 1440 Fletcher, M., et al. (2006). Information management in the Southeast Atlantic Coastal Ocean Observing System: A regional approach. Proceedings, Oceans '06 MTS/IEEE

- Conference. Boston, MA, MTS.
- 1441 Fletcher, M., et al. (2006). Adaptive integration of sub-regional coastal ocean observing systems: A case study of the Coastal Ocean Research and Monitoring Program (CORMP) and the Carolinas Coastal Ocean Observing and Prediction System (Caro-COOPS). Proceedings, Oceans '06 MTS/IEEE Conference. Boston, MA, MTS.
- 1442 Gardner, L. R. and B. Kjerfve (2006). Tidal fluxes of nutrients and suspended sediments at the North Inlet-Winyah Bay National Estuarine Research Reserve. *Estuarine Coastal and Shelf Science*. **70(4)**: 682-692.
- 1443 Williams, S. K., et al. (2007). A novel epiphytic cyanobacterium associated with reservoirs affected by avian vacuolar myelinopathy. *Harmful Algae*. **6**: 343-353.
- 1444 Godley, J. and R. Brodie (2007). The effect of summer storms on early life stages of *Uca minax*, *U. pugnax* and *U. pugilator* in North Inlet Estuary, South Carolina, USA. *Marine Ecology Progress Series*. **342**: 197-204.
- 1445 Simpson, R. G., et al. (2006). *Fishes of North Inlet: An Identification Guide*. Columbia, SC, Belle W. Baruch Institute for Marine and Coastal Sciences, USC, and Coastal Carolina University.
- 1446 Jackson, G., et al. (2006). Spatial and temporal dynamics of epiphytic microalgae on the cordgrass *Spartina alterniflora* in North Inlet Estuary, South Carolina. *Estuaries and Coasts*. **29(6)**: 1212-1221.
- 1447 Allen, D. M., et al. (2007). Geomorphological determinants of nekton use in intertidal salt marsh creeks. *Marine Ecology Progress Series*. **329**: 57-71.
- 1448 Ellin, R. and D. Bushek (2006). Adaptation of Ray's fluid thioglycollate medium assay to detect and quantify planktonic stages of *Perkinsus* spp. parasites. *Journal of Shellfish Research*. **25(3)**: 1037-1042.
- 1449 Beseres, J. and R. J. Feller (2007). Importance of predation by white shrimp *Litopenaeus setiferus* on estuarine subtidal macrobenthos. *Journal of Experimental Marine Biology and Ecology*. **344(2)**: 193-205
- 1450 Bushek, D., et al. (2007). The effects of several common anthropogenic contaminants on proliferation of the parasitic oyster pathogen *Perkinsus marinus*. *Marine Environmental Research and Ecology*. **64(4)**: 535-540.
- 1451 Liu, J., et al. (2008). The association of algicidal bacteria and raphidophyte blooms in South Carolina brackish retention ponds. *Harmful Algae*. **7(2)**: 184-193.
- 1452 Jackson, G. and J. Stuckey (2007). Effects of dimethylsulfoniopropionate (DMSP) produced by the cordgrass *Spartina alterniflora* on its epiphytic algal community. *Aquatic Sciences*. **69(3)**: 419-426.
- 1453 Liu, J., et al. (2008). Growth-promoting effects of a bacterium on three raphidophytes and three other phytoplankton. *Harmful Algae*. **7(1)**: 1-10.
- 1454 Beseres, J. and R. J. Feller (2007). Changes in the spatial distribution of subtidal macrobenthos due to predation by white shrimp (*Litopenaeus setiferus*). *Estuaries and Coasts*. **30(4)**: 591-600.
- 1455 Brodie, R. J., et al. (2007). Larval mortality during export to the sea in the fiddler crab *Uca minax*. *Marine Biology*. **152**: 1283-1291.
- 1456 Richmond, C. E., et al. (2007). Climate change and increased environmental variability: demographic responses in an estuarine harpacticoid copepod. *Ecological Modelling*. **209**: 189-202.
- 1457 Gardner, L. R. (2007). Role of stratigraphy in governing pore water seepage from salt marsh sediments. *Water Resources Research*. **43**: 4 pp.
- 1458 Berke, S. K. and S. A. Woodin (2008). Tube decoration may not be cryptic for *Diopatra cuprea* (Polychaeta: Onuphidae). *Biological Bulletin*. **214**: 50-56.
- 1459 Traynum, S. and R. Styles (2007). Flow, stress and sediment resuspension in a shallow tidal channel. *Estuaries and Coasts*. **30**: 94-101.

- 1460 Wargo, C. A. and R. Styles (2007). Along channel flow and sediment dynamics at North Inlet, South Carolina. *Estuarine, Coastal and Shelf Science*. **71**: 669-682.
- 1461 Traynum, S. and R. Styles (2008). Exchange flow between two estuaries connected by a shallow tidal channel. *Journal of Coastal Research*. **24(5)**: 1260-1268.
- 1462 Styles, R. and C. Teague (2007). Evaluation of a UHF radar surface current mapping system in an intertidal salt marsh. *Journal of Atmospheric and Ocean Technology*. **24**: 2120-2127.
- 1463 Kempton, J., et al. (2008). A novel *Heterosigma akashiwo* (Rapidophyceae) bloom extending from a South Carolina bay to offshore waters. *Harmful Algae*. **7**: 235-240.
- 1464 Feller, R. J. (2007). 110 Misconceptions About the Ocean. *Oceanography*. **20(4)**: 22-25.
- 1465 Curran, M. C. and R. Cross (2008). Effects of ray sediment disturbance on meiofauna in the subtidal and intertidal. *Georgia Journal of Science*. **66(2)**: 50-60.
- 1466 DuBeck, G. D. and M. C. Curran (2007). The seasonal use of a shallow Georgia creek by flatfishes. *Georgia Journal of Science*. **65(4)**: 170-181.
- 1467 Neubauer, S. C., et al. (2008). Microbial oxidation and reduction of iron in the root zone and mobility of heavy metals. *Biophysico-Chemical Processes of Heavy Metals and Metalloids in Soil Environments*. A. Violante, P. M. Huang and G. M. Gadd. New York, Wiley and Sons: 339-371.
- 1468 Neubauer, S. C. (2008). Contributions of mineral and organic components to tidal freshwater marsh accretion. *Estuarine, Coastal and Shelf Science*. **78(1)**: 78-88.
- 1469 Fogleman, T. and M. C. Curran (2007). Making and measuring a model of a salt marsh. *National Science Teachers Association/Science Scope*. **December 2007**: 36-41.
- 1470 Marshalonis, D. and J. L. Pinckney (2007). Respiration rates of dominant hydromedusae in the North Inlet tidal estuary during winter and summer. *Journal of Plankton Research*. **29(12)**: 1031-1140.
- 1471 Marshalonis, D. and J. L. Pinckney (2008). Grazing and assimilation rate estimates of hydromedusae from a temperate tidal creek system *Hydrobiologia*. **606**: 203-211.
- 1472 Kelsey, R. H., et al. (2008). Spatial and temporal variability of ribotyping results at a small watershed in South Carolina. *Water Research*. **42**: 2220-2228.
- 1473 Pinckney, J. L. and A. R. Lee (2008). Spatiotemporal patterns of subtidal benthic microalgal biomass and community composition in Galveston Bay, Texas, USA. *Estuaries and Coasts*. **31(2)**: 444-454.
- 1474 Fogleman, T. and M. C. Curran (2008). How accurate are student-collected data? *NSTA Science Teacher*. **75(4)**:30-35.
- 1475 Birrenkott, A., et al. (2004). Establishing a food-chain link between aquatic plant material and avian vacuolar myelinopathy in mallards (*Anas platyrhynchos*). *Journal of Wildlife Diseases*. **40(3)**: 485-492.
- 1476 Feller, R. J. (2008). An Awakening (Part I). *Oceanography*. **21(1)**: 72-76.
- 1477 Addis, P., et al. (2008). Effects of local scale perturbations in the Atlantic bluefin tuna (*Thunnus thynnus* L.) trap fishery of Sardinia (W. Mediterranean). *Fisheries Research*. **92**: 242-254.
- 1478 Gardner, L. R. and E. F. Gaines (2008). A method for estimating pore water drainage from marsh soils using rainfall and well records. *Estuarine, Coastal and Shelf Science*. **79(1)**: 51-58.
- 1479 Allen, D. M., et al. (2008). Mesozooplankton responses to climate change and variability in a southeastern U.S. estuary (1981-2003). *Journal of Coastal Research*. **SI 55**: 95-110.
- 1480 Buhay, J. E. (2009). "COI-like" sequences are becoming problematic in molecular systematic and DNA barcoding studies. *Journal of Crustacean Biology*. **29**: 96-110.
- 1481 Neubauer, S. C. and C. B. Craft (2009). Global change and tidal freshwater wetlands: Scenarios and impacts. *Tidal Freshwater Wetlands*. A. Barendregt, D. F. Whigham and

- A. H. Baldwin. The Netherlands, Backhuys : 253-266 + references.
- 1482 Flemming, A. T., et al. (2008). Survey of PAH in low density residential stormwater ponds in coastal South Carolina: False dark mussels (*Mytilopsis leucophaeata*) as potential biomonitors. *Marine Pollution Bulletin*. **56(9)**: 1598-1608.
- 1483 Megonigal, J. P. and S. C. Neubauer (2009). Biogeochemistry of tidal freshwater wetlands. *Coastal Wetlands: An Integrated Ecological Approach*. G. Perillo, E. Wolanski, D. Cahoon and M. Brinson, Elsevier : 535-562.
- 1484 Tobias, C. R. and S. C. Neubauer (2009). Salt marsh biogeochemistry - an overview. *Coastal wetlands: An Integrated Ecological Approach*. G. Perillo, E. Wolanski, D. Cahoon and M. Brinson, Elsevier : 445-492.
- 1485 Beseres Pollack, J., et al. (2008). Juvenile white shrimp *Litopenaeus setiferus* predation on macrobenthic and zooplanktonic prey. *Journal of Shellfish Research*. **27**: 1247-1253.
- 1486 Able, K. W. and M. C. Curran (2008). Winter mortality in some temperate young-of-the-year fishes. *Bulletin of the New Jersey Academy of Science*. **53(2)**: 1-5.
- 1487 Lewitus, A. J., et al. (2008). Lagoonal stormwater detention ponds as promoters of harmful algal blooms and eutrophication along the South Carolina coast. *Harmful Algae*. **8**: 60-65.
- 1488 Bernot, M. J., et al. (2009). Nutrient cycling relative to $\delta^{15}\text{N}$ and $\delta^{13}\text{C}$ natural abundance in a coastal wetland with long-term nutrient additions. *Aquatic Ecology*. **43**: 803-813.
- 1489 Marsh, P. E. and A. D. Cohen (2008). Identifying high-level salt marshes using a palynomorphic fingerprint with potential implications for tracking sea level change . *Review of Palaeobotany and Palynology*. **148(1)**: 60-69.
- 1490 Heisler, J. , et al. (2008). Eutrophication and harmful algal blooms: a scientific consensus . *Harmful Algae*. **8(1)**: 3-13.
- 1491 Carter, E. S. , et al. (2008). Variation in groundwater salinity in a tidal salt marsh basin, North Inlet Estuary, South Carolina. *Estuarine, Coastal and Shelf Science*. **76(3)**: 543-552.
- 1492 See, J. H., et al. (2006). Uptake of *Spartina*-derived humic nitrogen by estuarine phytoplankton in nonaxenic and axenic culture. *Limnology & Oceanography*. **51(5)**: 2290-2299.
- 1493 Morris, J. T. (2006). Competition among marsh macrophytes by means of geomorphological displacement in the intertidal zone. *Estuarine Coastal and Shelf Science*. **69**: 395-402.
- 1494 Greenfield, D. I., et al. (2008). Field applications of the second-generation Environmental Sample Processor (ESP) for remote detection of harmful algae: 2006-2007. *Limnology & Oceanography: Methods*. **6**: 667-679.
- 1495 Gardner, L. R. (2009). Assessing the accuracy of monitoring wells in tidal wetlands. *Water Resources Research*. **45(2)**: 5.
- 1496 Beseres Pollack, J., et al. (2009). The predatory role of white shrimp (*Litopenaeus setiferus*) in seasonal declines of subtidal macrobenthos. *Hydrobiologia*. **627(1)**: 117-128.
- 1497 Adolf, J. E., et al. (2006). Species specificity and potential roles of *Karlodinium micrum* toxin. *African Journal of Marine Science*. **28(2)**: 415-419.
- 1498 Ansele, J. H., et al. (2001). Phylogenetic analysis of culturable dimethyl sulfide-producing bacteria from a *Spartina*-dominated salt marsh and estuarine water. *Applied and Environmental Microbiology*. **67(3)**: 1210-1217.
- 1499 Apple, J. K., et al. (2008). Temperature, salinity, nutrients, and the covariation of bacterial production and chlorophyll-a in estuarine ecosystems. *Journal of Coastal Research*. **55**: 59-75.

- 1500 Bagwell, C. E., et al. (1998). Physiological Diversity of the Rhizosphere Diazotroph Assemblages of Selected Salt Marsh Grasses. *Applied and Environmental Microbiology*. **64(11)**: 4276–4282.
- 1501 Bain, L. J. (2002). cDNA cloning, sequencing, and differential expression of a heart-type fatty acid-binding protein in the mummichog (*Fundulus heteroclitus*). *Marine Environmental Research*. **54**: 379-383.
- 1502 Bell, S. S. and K. M. Sherman (1980). A field investigation of meiofaunal dispersal: Tidal resuspension and implications. *Marine Ecology Progress Series*. **3**: 245-249.
- 1503 Block, D. S., et al. (2003). Ecdysteroid concentrations through various life-stages of the meiobenthic harpacticoid copepod, *Amphiascus tenuiremis* and the benthic estuarine amphipod, *Leptocheirus plumulosus*. *General and Comparative Endocrinology*. **132**: 151-160.
- 1504 Bollinger, M. S. and W. S. Moore (1993). Evaluation of salt marsh hydrology using radium as a tracer. *Geochimica et Cosmochimica Acta*. **57(10)**: 2203-2212.
- 1505 Bowers, H. A., et al. (2006). Raphidophyceae [Chadefaud Ex Silva] Systematics and Rapid Identification: Sequence Analyses and Real-Time PCR assays. *Journal of Phycology*. **42**: 1333–1348.
- 1506 Busbee, W. S., et al. (2003). Composition and aboveground productivity of three seasonally flooded depressional forested wetlands in coastal South Carolina. *Southeastern Naturalist*. **2(3)**: 335-346.
- 1507 Buzzelli, C., et al. (2004). Relationships among water-quality parameters from the North Inlet–Winyah Bay National Estuarine Research Reserve, South Carolina. *Journal of Coastal Research*. **Special Issue 45**: 59-74.
- 1508 Cai, W.-J., et al. (2003). The geochemistry of dissolved inorganic carbon in a surficial groundwater aquifer in North Inlet, South Carolina, and the carbon fluxes to the coastal ocean. *Geochimica et Cosmochimica Acta*. **67**: 631-639.
- 1509 Chandler, G., et al. (1997). Bioaccumulation, growth and larval settlement effects of sediment-associated polynuclear aromatic hydrocarbons on the estuarine polychaete, *Streblospio benedicti* (Webster). *Journal of Experimental Marine Biology and Ecology*. **213**: 95-110.
- 1510 Chen, Y. P., et al. (1996). An unusual dehalogenating peroxidase from the marine terebellid polychaete *Amphitrite ornata*. *Journal of Biological Chemistry*. **271(9)**: 4609-4612.
- 1511 Zhang, E., et al. (1996). Crystallization and initial spectroscopic characterization of the heme-containing dehaloperoxidase from the marine polychaete *Amphitrite ornata*. *Acta Crystallographica Section D Biological Crystallography*. **52(Pt 6)**: 1191-1193.
- 1512 Collins, E. S., et al. (1995). Foraminifera in Winyah Bay and North Inlet marshes, South Carolina: Relationship to local pollution sources. *Journal of Foraminiferal Research*. **25(3)**: 212-223.
- 1513 LaCount, M. W., et al. (2000). The crystal structure and amino acid sequence of dehaloperoxidase from *Amphitrite ornata* indicate common ancestry with globins. *Journal of Biological Chemistry*. **275(25)**: 18712-18716.
- 1514 Roach, M. P., et al. (1997). *Notomastus lobatus* chloroperoxidase and *Amphitrite ornata* dehaloperoxidase both contain histidine as their proximal heme iron ligand. *Biochemistry*. **36(8)**: 2197-2202.
- 1515 Costello, J. H. and S. P. Colin (1995). Flow and feeding by swimming scyphomedusae. *Marine Biology*. **124**:399-406.
- 1516 Dame, R. F. and T. C. Prins (1998). Bivalve carrying capacity in coastal ecosystems. *Aquatic Ecology*. **31**: 409-421.
- 1517 Decho, A. W., et al. (1998). Chemical cues: Why basic peptides are signal molecules in marine environments. *Limnology & Oceanography*. **43(7)**: 1410-1417.

- 1518 DeLorenzo, M. E., et al. (1999). Effects of the agricultural pesticides atrazine, deethylatrazine, endosulfan, and chlorpyrifos on an estuarine microbial food web. *Environmental Toxicology and Chemistry*. **18(12)**: 2824-2835.
- 1519 Duncan, T. and T. J. Shaw (2003). The mobility of rare earth elements and redox sensitive elements in the groundwater/seawater mixing zone of a shallow coastal aquifer. *Aquatic Geochemistry*. **9(3)**: 233-255.
- 1520 Finley, R. J. (1972). Geologic process investigations of a beach-inlet-channel complex, North Inlet, South Carolina. *Maritime Sediments*. **8(2)**: 65-67.
- 1521 Finley, R. J. (1975). Hydrodynamics and tidal deltas of North Inlet, South Carolina. *Estuarine Research*. E. Cronin. New York, Academic Press: 277-291.
- 1522 Finley, R. J. (1978). Ebb-tidal delta morphology and sediment supply in relation to seasonal wave energy flux, North Inlet, South Carolina *Journal of Sedimentary Petrology*. **48(1)**: 227-238.
- 1523 Fletcher, M., et al. (2005). The Carolinas Coastal Ocean Observing and Prediction System (Caro-COOPS): A User-Driven System. *Proceedings of Oceans 2005 Washington, D.C., IEEE*. **2**: 1686-1691.
- 1524 Gold, J. R., et al. (1999). Temporal stability and spatial divergence of mitochondrial DNA haplotype frequencies in red drum (*Sciaenops ocellatus*) from coastal regions of the western Atlantic Ocean and Gulf of Mexico. *Marine Biology*. **133**: 593-602.
- 1525 Grant, J. (1984). Sediment microtopography and shorebird foraging. *Marine Ecology Progress Series*. **19**:293-296.
- 1526 Guentzel, J. L. and Y. Tsukamoto (2001). Processes influencing mercury speciation and bioconcentration in the North Inlet-Winyah Bay Estuary, South Carolina, USA. *Marine Pollution Bulletin*. **42(7)**: 615-619.
- 1527 Hagopian-Schlekat, T., et al. (2001). Acute toxicity of five sediment-associated metals, individually and in a mixture, to the estuarine meiobenthic harpacticoid copepod *Amphiascus tenuiremis*. *Marine Environmental Research*. **51**: 247-264.
- 1528 Hassett, R. P., et al. (1997). Ecological stoichiometry of N and P in pelagic ecosystems: Comparison of lakes and oceans with emphasis on the zooplankton-phytoplankton interaction. *Limnology & Oceanography*. **42(4)**: 648-662.
- 1529 Heard, R. W., et al. (2006). A taxonomic guide to the mysids of the South Atlantic Bight, NOAA. **NMFS 4**: 37 pages.
- 1530 Hoskins, D. L., et al. (2003). Utilization of algal and bacterial extracellular polymeric secretions (EPS) by the deposit-feeding brittlestar *Amphipholis gracillima* (Echinodermata). *Marine Ecology Progress Series*. **247**: 93-101.
- 1531 Huang, X. and J. T. Morris (2005). Distribution of phosphatase activity in marsh sediments along an estuarine salinity gradient. *Marine Ecology Progress Series*. **292**: 75-83.
- 1532 Hwang, Y.-H. and J. T. Morris (1994). Whole-plant gas exchange responses of *Spartina alterniflora* (Poaceae) to a range of constant and transient salinities. *American Journal of Botany*. **81(6)**: 659-665.
- 1533 Jenny, M. J., et al. (2002). Potential indicators of stress response identified by expressed sequence tag analysis of hemocytes and embryos from the American oyster, *Crassostrea virginica*. *Marine Biotechnology*. **4**: 81-93.
- 1534 Jensen, J. R., et al. (1998). Extraction of smooth cordgrass (*Spartina alterniflora*) biomass and leaf area index from high resolution imagery. *Geocarto International*. **13(4)**: 25-34.
- 1535 Jensen, J. R. and S. R. Schill (2000). Bidirectional Reflectance Distribution Function (BRDF) characteristics of smooth cordgrass (*Spartina alterniflora*) obtained using a Sandmeier field goniometer. *Geocarto International*. **15(2)**: 23-30.
- 1536 Johnson, W., et al. (2006). Linking bacterioplankton community structures to

- environmental state variables and phytoplankton assemblages in two South Carolina salt marsh estuaries. *Aquatic Microbial Ecology*. **45**: 129-145.
- 1537 Koopmans, D. J. and D. A. Bronk (2002). Photochemical production of dissolved inorganic nitrogen and primary amines from dissolved organic nitrogen in waters of two estuaries and adjacent surficial groundwaters. *Aquatic Microbial Ecology*. **26(3)**: 295-304.
- 1538 Kovatch, C. E., et al. (1999). Utility of a full life-cycle copepod bioassay approach for assessment of sediment-associated contaminant mixtures. *Marine Pollution Bulletin*. **38(8)**: 692-701.
- 1539 Leight, A. K., et al. (2005). Long term monitoring of grass shrimp, *Palaemonetes* sp., population metrics at sites with agricultural runoff influences. *Integrative and Comparative Biology*. **45(1)**: 143-150.
- 1540 Lewitus, A. J., et al. (2001). Ecological characterization of a widespread *Scrippsiella* red tide in South Carolina estuaries: a newly observed phenomenon. Proc. of the Ninth International Conference on Harmful Algal Blooms. G. M. Hallegraeff, S. Blackburn, C. Bolch and R. Lewis. Paris, Intergovernmental Oceanographic Commission of UNESCO 2001; 129-132.
- 1541 Lohrer, A. M. and J. J. Wetz (2003). Dredging-induced nutrient release from sediments to the water column in a southeastern saltmarsh tidal creek. *Marine Pollution Bulletin*. **46(9)**: 1156-1163.
- 1542 Mackin, J. E. and R. C. Aller (1984). Ammonium adsorption in marine sediments. *Limnology & Oceanography*. **29(2)**: 250-257.
- 1543 Marshall, H. G., et al. (2006). Taxonomy of *Pfiesteria* (Dinophyceae). *Harmful Algae*. **5(5)**: 481-496.
- 1544 Morris, J. T. (2005). Effects of changes in sea level and productivity on the stability of intertidal marshes. Lagoons and coastal wetlands in the global change context: Impacts and management issues. Proceedings of the International Conference. Venice, UNESCO : 121-127.
- 1545 Morris, J. T. (2007). Ecological engineering in intertidal saltmarshes. *Hydrobiologia*. **577**: 161-168.
- 1546 Morris, J. T. (2007). Estimating net primary production of salt-marsh macrophytes. Principles and Standards for Measuring Primary Production, Oxford University Press : 106-119.
- 1547 Morris, J. T. and J. W. H. Dacey (1984). Effects of O₂ on ammonium uptake and root respiration by *Spartina alterniflora*. *American Journal of Botany*. **71(7)**: 979-985.
- 1548 Morris, J. T., et al. (2005). Integrating LIDAR elevation data, multi-spectral imagery and neural network modelling for marsh characterization. *International Journal of Remote Sensing*. **26(3)**: 5221-5234.
- 1549 Morris, J. T., et al. (2002). Responses of coastal wetlands to rising sea level. *Ecology*. **83(10)**: 2869-2877.
- 1550 Murphy, S. and G. Voulgaris (2006). Identifying the role of tides, rainfall and seasonality in marsh sedimentation using long-term suspended sediment concentration data. *Marine Geology*. **227(1-2)**: 31-50.
- 1551 Mwamba, M. J. and R. Torres (2002). Rainfall effects on marsh sediment redistribution, North Inlet, South Carolina, USA. *Marine Geology*. **189(3-4)**: 267-287.
- 1552 Ngabe, B., et al. (2000). Polycyclic aromatic hydrocarbons in storm runoff from urban and coastal South Carolina. *Science of the Total Environment*. **255(1-3)**: 1-9.
- 1553 Otte, M. L., et al. (2004). Dimethylsulphoniopropionate (DMSP) and related compounds in higher plants. *Journal of Experimental Botany*. **55(404)**: 1919-1925.
- 1554 Rama and W. S. Moore (1984). Mechanism of transport of U-Th series radioisotopes from solids into ground water. *Geochimica et Cosmochimica Acta*. **48(2)**: 395-399.

- 1555 Roling, J. A., et al. (2004). Differential gene expression in mummichogs (*Fundulus heteroclitus*) following treatment with pyrene: comparison to a creosote contaminated site. *Marine Environmental Research*. **57(5)**: 377-395.
- 1556 Ruppert, E. E. and E. J. Balsler (1986). Nephridia in the larvae of hemichordates and echinoderms. *Biological Bulletin*. **171**: 188-196.
- 1557 Sanders, M. (1995). Distribution of polycyclic aromatic hydrocarbons in oyster (*Crassostrea virginica*) and surface sediment from two estuaries in South Carolina . *Archives of Environmental Contamination and Toxicology*. **28(4)**: 397-405.
- 1558 Schill, S. R., et al. (2004). Temporal modeling of Bidirectional Reflection Distribution Function (BRDF) in coastal vegetation. *GIScience and Remote Sensing*. **41(2)**: 116-135.
- 1559 Silliman, S. E., et al. (2005). Drought, snails, and large-scale die-off of southern U.S. salt marshes. *Science*. **310**:1803-1806.
- 1560 Smith, L. D. and A. H. Hines (1991). Autonomy in blue crab (*Callinectes sapidus* Rathbun) populations: Geographic, temporal, and ontogenetic variation. *Biological Bulletin*. **180**: 416-431.
- 1561 Steward, C. C., et al. (1996). Microbial biomass and community structures in the burrows of bromophenol producing and non-producing marine worms and surrounding sediments . *Marine Ecology Progress Series*. **133**: 149-165.
- 1562 Sundareshwar, P. V., et al. (2001). Occurrence and ecological implications of pyrophosphate in estuaries. *Limnology and Oceanography*. **46(6)**: 1570-1577.
- 1563 Tamburri, M. N. and R. K. Zimmer-Faust (1996). Suspension feeding: Basic mechanisms controlling recognition and ingestion of larvae. *Limnology & Oceanography*. **41(6)**: 1188-1197.
- 1564 Tobin, R., et al. (2005). Infaunal benthic foraminifera in some North American marshes and their influence on fossil assemblages. *Journal of Foraminiferal Research*. **35(2)**: 130-147.
- 1565 Torres, R., et al. (2003). Properties of intertidal marsh sediment mobilized by rainfall . *Limnology and Oceanography*. **48(3)**: 1245-1253.
- 1566 Voulgaris, G. and S. T. Meyers (2004). Net effect of rainfall activity on salt-marsh sediment distribution . *Marine Geology*. **207(1-4)**: 115-129.
- 1567 Voulgaris, G. and S. T. Meyers (2004). Temporal variability of hydrodynamics, sediment concentration and sediment settling velocity in a tidal creek . *Continental Shelf Research*. **24(15)**: 1659-1683.
- 1568 Wahl, M., et al. (1997). Patterns of nutrient loading in forested and urbanized coastal streams. *Journal of Experimental Biology and Ecology*. **213**: 111-131.
- 1569 Weis, J. S., et al. (1998). The extent of benthic impacts of CCA-treated wood structures in Atlantic Coast estuaries . *Archives of Environmental Contamination and Toxicology*. **34**: 313-322.
- 1570 Williams, E. J. and F. C. Fehsenfeld (1991). Measurement of soil nitrogen oxide emissions at three North American ecosystems. *Journal of Geophysical Research*. **96(D1)**: 1033-1042.
- 1571 Watson, J., et al. (2000). Reductively debrominating strains of *Propionigenium maris* from burrows of bromophenol-producing marine infauna. *International Journal of Systematic and Evolutionary Microbiology*. **50**: 1035-1042.
- 1572 Young, A. M., et al. (2002). Morphological and genetic evidence for vicariance and refugium in Atlantic and Gulf of Mexico populations of the hermit crab *Pagurus longicarpus*. *Marine Biology*. **140**: 1059-1066.
- 1573 Zimmer-Faust, R. K., et al. (1995). Odor plumes and animal navigation in turbulent water flow: A field study . *Biological Bulletin*. **188**: 111-116.

- 1574 Luckhurst, B. E. and J. M. Dean (2009). Age estimates of two large misty grouper, *Epinephelus mystacinus* (Serranidae), from Bermuda with a comparison of the age of tropical groupers in the western Atlantic. *Gulf and Caribbean Research*. **21**: 73-77.
- 1575 Gardner, L. R. (2009). Comment on "Spatial organization and ecohydrological interactions in oxygen-limited vegetation ecosystems" by Marco Marani et al. *Water Resources Research*. **45**.
- 1576 Jackson, G., et al. (2009). Modeling epiphytic community production. *Marine Ecology Progress Series*. **387**:61-70.
- 1577 Middaugh, D. P. (2009). Putative structures and salinity gradients at the Sewee shell ring, South Carolina: Evidence for ancient control of freshwater resources. *Journal of the North Carolina Academy of Science*. **125(3)**: 87-102.
- 1578 Gamble, M. M., et al. (2010). Seasonal variability of diazotroph assemblages associated with the rhizosphere of the salt marsh cordgrass, *Spartina alterniflora*. *Microbial Ecology*. **59**: 253-265.
- 1579 Pinckney, J. L., et al. (2009). Phytoplankton community structure responses to urban effluent input following Hurricanes Katrina and Rita. *Marine Ecology Progress Series*. **387**: 137-146.
- 1580 Williamson, C. J., et al. (2009). Toxicity of synthetic pyrethroid insecticides to the grass shrimp, *Palaemonetes pugio*, parasitized with the bopyrid isopod, *Probopyrus pandalicola*. *Journal of Environmental Science and Health, Part B*. **44 (8)**: 810-816.
- 1581 Thornton, D. C. O. (2009). Spatiotemporal distribution of dissolved acidic polysaccharides (dAPS) in a tidal estuary. *Limnology & Oceanography*. **54(5)**: 1449-1460.
- 1582 Finewood, M. H. and D. E. Porter (2010). Theorizing an alternative understanding of 'disconnects' between science and management. *Southeastern Geographer*. **50(1)**: 130-146.
- 1583 Johnston, M. A., et al. (2010). Isolation of faecal coliform bacteria from the American alligator (*Alligator mississippiensis*). *Journal of Applied Microbiology*. **108(3)**: 965-973.
- 1584 Montané, J. M. and R. Torres (2006). Accuracy assessment of Lidar saltmarsh topographic data using RTK GPS. *Photogrammetric Engineering & Remote Sensing*. **72(8)**: 961-967.
- 1585 Rohde, F. C., et al. (2009). *Freshwater Fishes of South Carolina*. Belle W. Baruch Library in Marine Science. Columbia, SC, University of South Carolina Press. **no. 22**.
- 1586 Yang, X. and J. T. Morris (2008). Extracting tidal stream networks from high-resolution remote sensor imagery: A preliminary study. *The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences*. **XXXVII, Part B8**: 1317-1320.
- 1587 Doucette, G. J., et al. (2009). Remote, subsurface detection of the algal toxin domoic acid onboard the Environmental Sample Processor: Assay development and field trials. *Harmful Algae*. **8**: 880-888.
- 1588 Scholin, C. A., et al. (2009). Remote detection of marine microbes, small invertebrates, harmful algae and biotoxins using the Environmental Sample Processor (ESP). *NOPP Special Issue: Ocean Observing Platforms and Biosensors. Oceanography*. **22(2)**: 158-167.
- 1589 Hoover, K. M. and M. C. Curran (2010). It's easy being green. *Current: The Journal of Marine Education*. **26(3)**:18-24.
- 1590 Day, J. W., et al. (2008). Consequences of climate change on the ecogeomorphology of coastal wetlands. *Estuaries and Coasts*. **31**: 477-491.
- 1591 Kiehn, W. M. and J. T. Morris (2009). Relationships between *Spartina alterniflora* and

- Littoraria irrorata* in a South Carolina salt marsh. *Wetlands*. **29(3)**: 818-825.
- 1592 Kirwan, M. L., et al. (2009). Latitudinal trends in *Spartina alterniflora* productivity and the response of coastal marshes to global change. *Global Change Biology*. doi: **10.1111/j.1365-2486.2008.01834** .
- 1593 Mudd, S. M., et al. (2009). Impact of the dynamic feedback between sedimentation, sea-level rise, and biomass production on near surface marsh stratigraphy and carbon accumulation. *Estuarine, Coastal and Shelf Science*. **82**: 377-389.
- 1594 Mace III, M. M. and M. C. Curran (2009). Fiddlin' around with fiddler crabs. *Current: The Journal of Marine Education*. **25**: 39-45.
- 1595 Neubauer, S. C., et al. (2007). Returning to their roots: Iron-oxidizing bacteria enhance short-term plaque formation in the wetland-plant rhizosphere. *Geomicrobiology Journal*. **24**: 65-73.
- 1596 Weiss, J. V., et al. (2007). Characterization of neutrophilic Fe(II)-oxidizing bacteria isolated from the rhizosphere of wetland plants and description of *Ferritrophicum radicolica* gen. nov. sp. nov., and *Sideroxydans paludicola* sp. nov. *Geomicrobiology Journal*. **24**: 559-570.
- 1597 Hoover, K. M. and M. C. Curran (2010). Trash Pie: Is your school serving? *NSTA: Science and Children*. **March**:54-57.
- 1598 Kelsey, R. H., et al. (2010). Improvements to shellfish harvest area closure decision making using GIS, remote sensing, and predictive models. *Estuaries and Coasts*. **33(3)**: 712-722.
- 1599 Ranhofer, M. L., et al. (2009). Cell-specific alkaline phosphatase expression by phytoplankton from Winyah Bay, South Carolina, USA. *Estuaries and Coasts*. **32(5)**: 943-957.
- 1600 Richardson, T. L., et al. (2010). Spectral fluorometric characterization of phytoplankton community composition using the Algae Online Analyzer. *Water Research*. **44(8)**: 2461-2472.
- 1601 Aultman, T., et al. (2010). Bringing scientific inquiry alive using real grass shrimp research. *NSTA Science Scope*. **33(7)**: 54-60.
- 1602 Vizcaino, M., et al. (2010). Antimicrobial resistance of the coral pathogen *Vibrio coralliilyticus* strains and Caribbean sister phylotypes isolated from a diseased octocoral. *Microbial Ecology*. **59**: 646-657.
- 1603 Mudd, S. M., et al. (2010). How does vegetation affect sedimentation on tidal marshes? Investigating particle capture and hydrodynamic controls on biologically mediated sedimentation. *Journal of Geophysical Research*. **115**.
- 1604 Kiehn, W. M. P. and J. T. Morris (2010). Variability in dimethylsulfoniopropionate (DMSP) concentrations in *Spartina alterniflora* and the effect on *Littoraria irrorata*. *Marine Ecology Progress Series*. **406**: 47-55.
- 1605 Weston, N. B., et al. (2011). Accelerated microbial organic matter mineralization following salt-water intrusion into tidal freshwater marsh soils. *Biogeochemistry*. **102**: 135-151.
- 1606 Thornton, D. C. O., et al. (2010). Production and enzymatic hydrolysis of carbohydrates in intertidal sediment. *Aquatic Microbial Ecology*. **60**: 100-125.
- 1607 Fernandes, P. R., et al. (2010). The distribution of ammonium and phosphate in the Pocotaligo Swamp, South Carolina: Evidence for net export and nitrogen limitation. *Journal of the North Carolina Academy of Science*. **126(2)**: 31-36.
- 1608 Lawrenz, E., et al. (2010). Spectral Irradiance and Phytoplankton Community Composition in a Blackwater-Dominated Estuary, Winyah Bay, South Carolina, USA. *Estuaries and Coasts*. **33(5)**: 1186-1201.
- 1609 Gutierrez, C. K., et al. (2009). Production of the phytohormone indole-3-acetic acid by estuarine species of the genus *Vibrio*. *Applied and Environmental Microbiology*. **75**: 2253-2258.

- 1610 Pollock, F. J., et al. (2010). Detection and quantification of the coral pathogen *Vibrio coralliilyticus* by real-time PCR with TaqMan fluorescent probes. *Applied and Environmental Microbiology*. **76(15)**: 5282-5286.
- 1611 Bejarano, A. C., et al. (2003). Bioavailability of the organophosphorus insecticide chlorpyrifos to the suspension-feeding bivalve, *Mercenaria mercenaria*, following exposure to dissolved and particulate matter. *Environmental Toxicology and Chemistry*. **22(9)**: 2100-2105.
- 1612 Wiley, F. E., et al. (2007). Investigation of the link between avian vacuolar myelinopathy and a novel species of cyanobacteria through laboratory feeding trials. *Journal of Wildlife Diseases*. **43(3)**: 337-344.
- 1613 Wiley, F. E., et al. (2008). An extract of *Hydrilla verticillata* and associated epiphytes induces avian vacuolar myelinopathy in laboratory mallards. *Environmental Toxicology*. **24(4)**: 362-368.
- 1614 Patchineelam, S. and B. Kjerfve (2004). Suspended sediment variability on seasonal and tidal time scales in the Winyah Bay estuary, South Carolina, USA. *Estuarine Coastal and Shelf Science*. **59**: 307-318.
- 1615 Burkett, J. R., et al. (2010). Oysters produce an organic-inorganic adhesive for intertidal reef construction. *Journal of the American Chemical Society*. **132(36)**: 12531-12533.
- 1616 Gaffney, P. M. and D. Bushek (1996). Genetic aspects of disease resistance in oysters. *Journal of Shellfish Research*. **15(1)**: 135-140.
- 1617 Morris, J. T. (2010). Competition among marsh macrophytes by means of vertical geomorphological displacement. Proceedings of the Third International Conference on Invasive *Spartina* (San Francisco, CA). San Francisco Estuary Invasive *Spartina* Project of the (California) State Coastal Conservancy D. R. Ayres, D. W. Kerr, S. D. Ericson and P. R. Olofson. Oakland, CA, California State Coastal Conservancy 109-115.
- 1618 Morris, P. J., et al. (2011). Isolation of culturable microorganisms from free-ranging bottlenose dolphins (*Tursiops truncatus*) from the southeastern United States. *Veterinary Microbiology*. **148(2-4)**: 440-447.
- 1619 Davis, D. A., et al. (2011). Responses of salt marsh plant rhizosphere diazotroph assemblages to changes in marsh elevation, edaphic conditions and plant host species. *Microbial Ecology*. **61(2)**: 386-398.
- 1620 Kirwan, M. L., et al. (2010). Limits on the adaptability of coastal marshes to rising sea level. *Geophysical Research Letters*. **37**: L23401, 23405p.
- 1621 Wilson, A. M. and J. T. Morris (2012). The influence of tidal forcing on groundwater flow and nutrient exchange in a salt marsh-dominated estuary. *Biogeochemistry*. **108**: 27-38.
- 1622 Pinckney, J. L., et al. (2011). Structural and functional responses of microbial mats to reductions in nutrient and salinity stressors in a Bahamian hypersaline lagoon. *Aquatic Microbial Ecology*. **62**: 289-298.
- 1623 Fagherazzi, S., et al. (2013). Ecogeomorphology of salt marshes. *Treatise on Geomorphology*. J. Shroder, D. R. Butler and C. R. Hupp. San Diego, CA, Academic Press. **12**: 182-200.
- 1624 Fagherazzi, S., et al. (2013). Ecogeomorphology of tidal flats. *Treatise on Geomorphology*. J. Shroder, D. R. Butler and C. R. Hupp. San Diego, CA, Academic Press. **12**: 201-220.
- 1625 Middaugh, D. P. (2011). Carolina Bays and the Sewee shell ring, South Carolina: Evidence for natural and planned water gathering. *Journal of the North Carolina Academy of Science*. **127(3)**: 197-213.
- 1626 Cooper, J. E. and J. E. Price (2010). A new spinose crayfish of the genus *Cambarus*, subgenus *Puncticambarus* (Decapoda: Cambaridae), from South Carolina. *Proceedings of the Biological Society of Washington*. **123(4)**: 335-344.
- 1627 Gamble, M. D. and C. R. Lovell (2011). Infaunal burrows are enrichment zones for *Vibrio*

- parahaemolyticus*. Applied and Environmental Microbiology. **77(11)**: 3703-3714.
- 1628 Bowen, S. R., et al. (2011). What are bottlenose dolphins doing on land? An activity teaching the scientific method through the unique behavior of strand feeding. American Biology Teacher. **73(7)**: 407-411.
- 1629 Siegel, A., et al. (2011). Nutrient controls of planktonic cyanobacteria biomass in coastal stormwater detention ponds. Marine Ecology Progress Series. **434**: 15-27.
- 1630 Lawrenz, E. and T. L. Richardson (2011). How does the species used for calibration affect chlorophyll a measurements by in situ fluorometry? Estuaries and Coasts. **34(4)**: 872-883.
- 1631 Pollack, F. J., et al. (2011). The urgent need for robust coral disease diagnostics. PLoS Pathogens. **7(10)**:e1002183.
- 1632 Mace III, M. M. and M. C. Curran (2011). Differences in the use of cheliped autotomy by the mud fiddler crab *Uca pugnax* (Smith, 1870) (Decapoda, Ocypodidae) when escaping predation by the blue crab *Callinectes sapidus* (Rathbun, 1896). Crustaceana. **84(11)**: 1281-1293.
- 1633 Neubauer, S. C. (2013). Ecosystem responses of a tidal freshwater marsh experiencing saltwater intrusion and altered hydrology. Estuaries and Coasts. **36**: 491-507.
- 1634 Kimes, N. E., et al. (2012). Temperature regulation of virulence factors in the pathogen *Vibrio coralliilyticus*. The ISME Journal. **6**: 835-846.
- 1635 Aultman, T. and M. C. Curran (2012). Move Over! Studying flatfish travel patterns to profile fish behavior. American Biology Teacher. **74(3)**: 164-169.
- 1636 Pernet, B. and D. McHugh (2010). Evolutionary changes in the timing of gut morphogenesis in larvae of the marine annelid *Streblospio benedicti*. Evolution & Development. **12(6)**: 618-627.
- 1637 Able, K. W., et al. (2011). Life history and habitat use of the speckled worm eel, *Myrophis punctatus*, along the east coast of the United States. Environmental Biology of Fishes. **92(2)**: 237-259.
- 1638 Dame, R. F. (1996). Ecology of Marine Bivalves: An Ecosystem Approach, CRC Press : 272.
- 1639 Siler, A. and M. C. Curran (2011). The learning cycle: Engaging children in the scientific method. Current: The Journal of Marine Education. **27(3)**: 24-32.
- 1640 Gilde, K. and J. L. Pinckney (2012). Sublethal effects of crude oil on the community structure of estuarine phytoplankton. Estuaries and Coasts. **35**: 853-861.
- 1641 Morris, J. T. and W. B. Bowden (1986). A mechanistic, numerical model of sedimentation, mineralization, and decomposition for marsh sediments. Soil Science Society of America Journal. **50**: 96-105.
- 1642 Boesch, D. F., et al. (1994). Scientific assessment of coastal wetland loss, restoration and management in Louisiana. JOURNAL of Coastal Research, special issue. **20**: 1-103.
- 1643 Davey, E., et al. (2011). Use of computed tomography imaging for quantifying coarse roots, rhizomes, peat, and soil particle densities in marsh soils. Ecological Applications. **21(6)**: 2156-2171.
- 1644 Morris, J. T., et al. (2012). Assessment of carbon sequestration potential in coastal wetlands. Recarbonization of the Biosphere: Ecosystems and the Global Carbon Cycle. R. Lal, K. Lorenz, R. F. Hüttl, B. U. Schneider and J. von Braun, Springer Science+Business Media B.V. : 517-531.
- 1645 Lovell, C. R. and D. A. Davis (2012). Specificity of salt marsh diazotrophs for vegetation zones and plant hosts: Results from a North American marsh. Frontiers in Terrestrial Microbiology; Special Topics Volume - Microbiology of Wetlands. **3, article 84**: 15 pages.
- 1646 Ribaldo, C., et al. (2012). CO₂ and CH₄ fluxes across a *Nuphar lutea* (L.) Sm. stand. Journal of Limnology. **71(1)**:200-210.
- 1647 Hagenbuch, I. M. and J. L. Pinckney (2012). Toxic effect of the combined antibiotics

- ciprofloxacin, lincomycin, and tylosin on two species of marine diatoms. *Water Research*. **46**: 5028-5036.
- 1648 Hughes, A. L. H., et al. (2012). Hydrologic variability in a salt marsh: Assessing the links between drought and acute marsh dieback. *Estuarine, Coastal and Shelf Science*. **111**: 95-106.
- 1649 Hagen, S., et al. (2013). Sea-level rise impact on a salt marsh system of the lower St. Johns River. *Journal of Waterway, Port, Coastal, and Ocean Engineering, ASCE*. **139(2)**: 118-125.
- 1650 Middaugh, D. P. (2013). Evidence of an archaic dam in a Carolina bay: The Sewee shell ring, South Carolina. *Journal of the North Carolina Academy of Science*. **129(1)**: 9-19.
- 1651 Goñi, M. A., et al. (2003). Sources and distribution of organic matter in a river-dominated estuary (Winyah Bay, SC, USA) *Estuarine, Coastal and Shelf Science*. **57(5-6)**: 1023-1048.
- 1652 Chandler, G. T., et al. (2004). Population consequences of Fipronil and degradates to copepods at field concentrations: An integration of life cycle testing with Leslie matrix population modeling. *Environmental Science and Technology*. **38**: 6407-6414.
- 1653 Caffrey, J. M. (2004). Factors controlling net ecosystem metabolism in U.S. estuaries. *Estuaries*. **27(1)**: 90-101.
- 1654 Mudd, S. M., et al. (2004). Flow, sedimentation, and biomass production on a vegetated salt marsh in South Carolina: Toward a predictive model of marsh morphologic and ecologic evolution. *The Ecogeomorphology of Tidal Marshes*. S. Fagherazzi, A. Marani and L. K. Blum. Washington, DC, American Geophysical Union. **59**: 165-187.
- 1655 Morris, J. T., et al. (2005). Analysis of size and complexity of randomly constructed food webs by information theoretic metrics. *Aquatic Food Webs: An Ecosystem Approach*. A. Belgrano, U. M. Scharler, J. Dunne and R. E. Ulanowicz, Oxford University Press: 73-85.
- 1656 Nelson, K. A., et al. (2005). A multivariate approach for evaluating major impacts on water quality in Murrells and North inlets, South Carolina. *Journal of Shellfish Research*. **24(4)**: 1241-1251.
- 1657 Templeton, R. C., et al. (2006). Life-cycle effects of single-walled carbon nanotubes (SWNTs) on an estuarine meiobenthic copepod. *Environmental Science and Technology*. **40**: 7387-7393.
- 1658 Osborne, R. L., et al. (2006). Spectroscopic characterization of the ferric states of *Amphitrite ornata* dehaloperoxidase and *Notomastus lobatus* chloroperoxidase: His-ligated peroxidases with globin-like proximal and distal properties. *Journal of Inorganic Biochemistry*. **100(5-6)**: 1100-1108.
- 1659 Abel, D. C., et al. (2007). Survey of the shark fauna in two South Carolina estuaries and the impact of salinity structure. *Shark Nursery Grounds of the Gulf of Mexico and the East Coast Waters of the United States*. C. T. McCandless, N. E. Kohler and H. L. P. Jr., American Fisheries Society. **American Fisheries Society Symposium 50** 109-124.
- 1660 Lovell, C. R., et al. (2008). Analysis of a diverse assemblage of diazotrophic bacteria from *Spartina alterniflora* using DGGE and clone library screening. *Journal of Microbiological Methods*. **73(2)**: 160-171.
- 1661 Ferguson, P. L., et al. (2008). Influence of sediment-amendment with single-walled carbon nanotubes and diesel soot on bioaccumulation of hydrophobic organic contaminants by benthic invertebrates. *Environmental Science and Technology*. **42**: 3879-3885.
- 1662 Springer, A., et al. (2010). The Holocene depositional history of Thousand Acre Marsh (Georgetown County, SC, USA) from correlation of ground penetrating radar with subsurface stratigraphy. *Southeastern Geology*. **47(2)**:95-104.

- 1663 Aelion, C. M. and M. R. Engle (2010). Evidence for acclimation of N cycling to episodic N inputs in anthropogenically-affected intertidal salt marsh sediments. *Soil Biology and Biochemistry*. **42(6)**: 1006-1008.
- 1664 Cramer, M. J., et al. (2011). *Celerinatantimonas diazotrophica* gen. nov., sp. nov., a nitrogen-fixing bacterium representing a new family in the Gammaproteobacteria, Celerinatimonadaceae fam. nov. *International Journal of Systematic and Evolutionary Microbiology*. **61(Pt 5)**: 1053-1060.
- 1665 Decker, R. A. and B. D. Griffen (2012). Correlating context-specific boldness and physiological condition of female sand fiddler crabs (*Uca pugilator*). *Journal of Ethology*. **30(3)**: 403-412.
- 1666 Toscano, B. J. and B. D. Griffen (2012). Predatory crab size diversity and bivalve consumption in oyster reefs. *Marine Ecology Progress Series*. **445**: 65-74.
- 1667 Griffen, B. D. and H. Mosblack (2011). Predicting diet and consumption rate differences between and within species using gut ecomorphology. *Journal of Animal Ecology*. **80**: 854-863.
- 1668 Griffen, B. D., et al. (2012). The role of individual behavior type in mediating indirect interactions. *Ecology*. **93(8)**: 1935-1943.
- 1669 Chen, S. and R. Torres (2012). Effects of geomorphology on the distribution of metal abundance in salt marsh sediment. *Estuaries and Coasts*. **35**: 1018-1027.
- 1670 Gunzburger, L. and M. C. Curran (2013). Counting parasites: Using shrimp to teach students about estimation. *Natural Sciences Education*. **42**: 9-13.
- 1671 Ryan, J., et al. (2011). Harmful phytoplankton ecology studies using an autonomous molecular analytical and ocean observing network. *Limnology and Oceanography*. **56(4)**: 1255-1272.
- 1672 Pinckney, J. L., et al. (2013). Sublethal effects of the antibiotic tylosin on estuarine benthic microalgal communities. *Marine Pollution Bulletin*. **68**: 8-12.
- 1673 Kovacs, C., et al. (2013). Using mathematics to conduct social analyses of bottlenose dolphins in science classrooms. *National Science Teachers Association: Science Scope*. **April/May**: 52-60.
- 1674 Kimes, N., et al. (2013). Metagenomic analysis and metabolite profiling of deep-sea sediments from the Gulf of Mexico following the Deepwater Horizon oil spill. *Frontiers in Microbiology*. **4 article 50**: 17 pp.
- 1675 Johnson, W. S. and D. M. Allen (2012). *Zooplankton of the Atlantic and Gulf Coasts. A Guide to Their Identification and Ecology*, 2 ed. Baltimore, MD, John Hopkins University Press : 453.
- 1676 Kimes, N. E., et al. (2013). The *Montastraea faveolata* microbiome: Ecological and temporal influences on a Caribbean reef-building coral in decline. *Environmental Microbiology*. **15**: 2082-2094.
- 1677 Morrissey, E. M., et al. (2014). Using microbial communities and extracellular enzymes to link soil organic matter characteristics to greenhouse gas production in a tidal freshwater wetland. *Biogeochemistry*. **117**: 473-490.
- 1678 Sherman, M. B. and M. C. Curran (2013). The effect of the bopyrid isopod *Probopyrus pandalicola* (Packard, 1879) (Isopoda, Bopyridae) on the survival time of the daggerblade grass shrimp *Palaemonetes pugio* Holthuis, 1949 (Decapoda, Palaemonidae) during starvation at two different temperatures. *Crustaceana*. **86(11)**: 1328-1342.
- 1679 Page, J. W., et al. (2013). Characterization of the Bycatch in the Commercial Blue Crab Pot Fishery in Georgia: November 2003 – December 2006. *Marine and Coastal Fisheries*. **5(1)**: 236-245.
- 1680 Morris, J. T., et al. (2013). Salt marsh primary production and its responses to nitrogen and relative sea level in estuaries at Plum Island, Massachusetts, and North Inlet, South Carolina, USA. *Oceanography, Special Issue On Coastal Long Term Ecological*

- Research. **26(3)**: 79-84.
- 1681 Morris, J. T., et al. (2013). Perspectives on the influence of nutrients on the sustainability of coastal wetlands. *Wetlands*. **33**: 975-988.
- 1682 Kovacs, C., et al. (2013). Where's That Dolphin? Using bottlenose dolphin sightings to study spatial patterns. *NSTA: The Science Teacher*. **80(9)**: 24-29.
- 1683 Klein, S., et al. (2014). Genes similar to the *Vibrio parahaemolyticus* virulence-related genes *tdh*, *tlh*, and *vscC2* occur in other Vibrionaceae species isolated from a pristine estuary. *Applied and Environmental Microbiology*. **80(2)**: 595-602.
- 1684 Neubauer, S. C., et al. (2013). Saltwater intrusion into tidal freshwater marshes alters the biogeochemical processing of organic carbon. *Biogeosciences*. **10**: 8171-8183.
- 1685 Christain, R. R. and D. M. Allen (2014). Linking hydrogeomorphology and food webs in intertidal creeks. *Estuaries and Coasts*. **37(1)**: S74-S90.
- 1686 Voss, C. M., et al. (2013). Marsh macrophyte responses to inundation anticipate impacts of sea-level rise and indicate ongoing drowning of North Carolina marshes. *Marine Biology*. **160(1)**: 181-194.
- 1687 Allen, D. M., et al. (2013). Nutrient subsidies from nekton in salt marsh intertidal creeks. *Limnology and Oceanography*. **58(3)**: 1048-1060.
- 1688 Uyaguari, M. I., et al. (2013). Abundance of class 1–3 integrons in South Carolina estuarine ecosystems under high and low levels of anthropogenic influence. *Marine Pollution Bulletin*. **76**: 77-84.
- 1689 Chen, S., et al. (2012). Salt marsh sediment and metal fluxes in response to rainfall. *Limnology & Oceanography: Fluids & Environments*. **2 (2012)**: 54-66.
- 1690 Dean, J. M., et al. (2012). The Western Atlantic Bluefin Trap Fishery. ICCAT-GBYP Symposium on Trap Fisheries for Bluefin Tuna. Tangier, Morocco. **67(1)**: 309-321.
- 1691 Toscano, B. J., et al. (2014). Effects of predation threat on repeatability of individual crab behavior revealed by mark recapture. *Behavioral Ecology and Sociobiology*. **68(3)**: 519-527.
- 1692 Toscano, B. J. and B. D. Griffen (2013). Predator size interacts with habitat structure to determine the allometric scaling of the functional response. *OIKOS*. **122**: 454-462.
- 1693 Schile, L. M., et al. (2014). Modeling tidal marsh distribution with sea-level rise: Evaluating the role of vegetation, sediment, and upland habitat in marsh resiliency. *PLoS ONE*. **9(2)**: 14pp.
- 1694 Doll, C., et al. (2014). Comparison of sandwich hybridization assay and quantitative PCR for the quantification of live and preserved cultures of *Heterosigma akashiwo* (Raphidophyceae). *Limnology and Oceanography: Methods*. **12**: 232-245.
- 1695 Weston, N. B., et al. (2014). Net ecosystem carbon exchange and the greenhouse gas balance of tidal marshes along an estuarine salinity gradient. *Biogeochemistry*. **120**: 163-189.
- 1696 Main, C. R., et al. (2014). Effects of growth phase, diel cycle and macronutrient stress on the quantification of *Heterosigma akashiwo* using qPCR and SHA. *Harmful Algae*. **37**: 92-99.
- 1697 Key, P. B., et al. (2014). Assessment of the Deepwater Horizon Oil Spill in a simulated *Spartina alterniflora* salt marsh ecosystem. NOAA Technical Memorandum NOS NCCOS 186, NOAA : 89pp.
- 1698 Sanger, D. M., et al. (2012). Constrained enrichment contributes to hypoxia formation in Long Bay, South Carolina, an open water urbanized coastline. *Marine Ecology Progress Series*. **461**: 15-30.
- 1699 Morris, J. T., et al. (2014). The Influence of nutrients on the coastal wetlands of the Mississippi Delta. Perspectives on the Restoration of the Mississippi Delta. J. D. Day, G. P. Kemp, A. M. Freeman and D. P. Muth, Springer: 111- 123.
- 1700 Greenfield, D. I., et al. (2014). The effects of three chemical algaecides on cell numbers and toxin content of the cyanobacteria *Microcystis aeruginosa* and *Anabaenopsis*

- sp. Environmental Management. **54**: 1110-1120.
- 1701 Garcia, R. N., et al. (2014). Individual and mixture effects of caffeine and sulfamethoxazole on the daggerblade grass shrimp *Palaemonetes pugio* following maternal exposure. Environmental Toxicology and Chemistry. **33(9)**: 2120-2125.
- 1702 Gerido, L. and M. C. Curran (2014). Enhancing science instruction through student-created Powerpoint presentations. American Biology Teacher. **76(9)**: 627-631.
- 1703 Gabriel, M. W., et al. (2014). Optimization of multilocus sequence analysis for identification of species in the genus *Vibrio*. Applied and Environmental Microbiology. **80(17)**: 5359-5365.
- 1704 Sherman, M. B. and M. C. Curran (2015). Sexual sterilization of the daggerblade grass shrimp *Palaemonetes pugio* (Decapoda, Palaemonidae) by the bopyrid isopod *Probopyrus pandalicola* (Isopoda, Bopyridae). Journal of Parasitology. **101(1)**: 1-5.
- 1705 DeVoe, M. R., et al. (2007). Regional coastal IOOS development in the Southeastern United States: Emerging capabilities to address coastal natural hazards. Marine Technology Society Journal. **40(4)**: 110-117.
- 1706 Zimmer, R. K., et al. (1999). Regulatory effects of environmental chemical signals on search behavior and foraging success. Ecology. **80(4)**: 1432-1446.
- 1707 Fletcher, M., et al. (2008). Southeast Atlantic Coastal Ocean Observation System (SEACOOS) information management: Evolution of a distributed community system. Marine Technology Society Journal. **42(3)**: 14-20.
- 1708 Seim, H., et al. (2008). Observing system depiction of circulation on the SE US coastal ocean. US/EU Baltic Symposium. Tallinn, Estonia, IEEE: 4p.
- 1709 Seim, H., et al. (2002). SEA-COOS: Southeast Atlantic Coastal Ocean Observing System. OCEANS '02 MTS/IEEE IEEE. **1**: 547 - 555.
- 1710 Seim, H., et al. (2009). Towards a regional coastal ocean observing system: An initial design for the Southeast Coastal Ocean Observing Regional Association. Journal of Marine Systems. **77**: 261-277.
- 1711 Seim, H., et al. (2008). SEACOOS Program Management. Marine Technology Society Journal. **42(3)**: 17-27.
- 1712 Wilson, A. M., et al. (2015). Groundwater controls ecological zonation of salt marsh macrophytes. Ecology. **96(3)**: 840-849.
- 1713 Kimes, N. E., et al. (2014). Microbial transformation of the Deepwater Horizon oil spill—Past, present, and future perspectives. Frontiers in Microbiology. **5**: article 603, 611 pages.
- 1714 Eash-Loucks, W. E., et al. (2014). Long-term changes in an estuarine mud crab community: Evaluating the impact of nonnative species. Journal of Crustacean Biology. **34(6)**: 731-738.
- 1715 Davis III, S. E., et al. (2006). The contribution of leaching to the rapid release of nutrients and carbon in the early decay of wetland vegetation. Hydrobiologia. **569**: 87-97.
- 1716 Klosterhaus, S. L., et al. (2003). A comparative assessment of azinphosmethyl bioaccumulation and toxicity in two estuarine meiobenthic harpacticoid copepods. Environmental Toxicology and Chemistry. **22(12)**: 2960-2968.
- 1717 Ellis, K., et al. (2014). Low Impact Development in Coastal South Carolina: A Planning and Design Guide. . South Carolina, ACE Basin and North Inlet –Winyah Bay National Estuarine Research Reserves ; 462.
- 1718 Phillips, T. M. and C. R. Lovell (1999). Distributions of total and active bacteria in biofilms lining tubes of the onuphid polychaete *Diopatra cuprea*. Marine Ecology Progress Series. **183**: 169-178.
- 1719 Allen, D. M., et al. (2014). Site Profile of the North Inlet-Winyah Bay National Estuarine Research Reserve. Georgetown, South Carolina, North Inlet-Wiyah Bay National Estuarine Research Reserve ; 432.
- 1720 Hutchins, P. R., et al. (2014). Metabolic responses of estuarine microbial communities to

- discharge of surface runoff and groundwater from contrasting landscapes. *Estuaries and Coasts*. **37**: 736-750.
- 1721 Wear, E. K., et al. (2014). Spatiotemporal variability in dissolved organic matter composition is more strongly related to bacterioplankton community composition than to metabolic capability in a blackwater estuarine system. *Estuaries and Coasts*. **37**: 119-133.
- 1722 Smith, M. D., et al. (2015). Global environmental change and the nature of aboveground net primary productivity responses: Insights from long-term experiments. *Oecologia*. **177(4)**: 935-947.
- 1723 Morris, J. T. (2016). Perspectives on a 30-year career of salt marsh research Long-Term Environmental Research: Changing the Nature of Scientists. M. R. Willig and L. R. Walker, Oxford University Press.
- 1724 Hein, J. L., et al. (2014). Invasive swimbladder parasite *Anguillicoloides crassus*: Infection status 15 years after discovery in wild populations of American eel *Anguilla rostrata*. *Diseases of Aquatic Organisms*. **107**: 199-209.
- 1725 Shervette, V. R. and F. Gelwick (2008). Relative nursery function of oyster, vegetated marsh edge, and nonvegetated bottom habitats for juvenile white shrimp *Litopenaeus setiferus*. *Wetlands Ecology and Management*. **16**: 405-419.
- 1726 Coen, L., et al. (2009). Managing Oysters in South Carolina: A Five Year Program to Enhance/Restore Shellfish Stocks and Reef Habitats through Shell Planting and Technology Improvements. Charleston, SC, SCDNR, Marine Resources Center.
- 1727 Mortensen, R. A., et al. (2015). Development of a sandwich hybridization assay for the identification and quantification of red drum, *Sciaenops ocellatus*, eggs: A novel tool for fishery research and management. *Canadian Journal of Fisheries and Aquatic Sciences*. **72**: 915-925.
- 1728 Chennu, A., et al. (2015). Effects of bioadvection by *Arenicola marina* on microphytobenthos in permeable sediments. *PLoS ONE*. **10(7)**: e0134236; 0134216 pages.
- 1729 Brinton, B. A. and M. C. Curran (2015). The effect of temperature on synchronization of brood development of the bopyrid isopod parasite *Probopyrus pandalicola* with molting of its host, the daggerblade grass shrimp *Palaemonetes pugio*. *Journal of Parasitology*. **101(1)**: 398-404.
- 1730 Chassereau, J. E., et al. (2011). A comparison of GPS and LiDAR salt marsh DEMs. *Earth Surface Processes and Landforms*. **36(13)**: 1770-1775.
- 1731 Hunnewell, M. C., et al. (2015). Do you see me? How fish play hide and seek. *Current: The Journal of Marine Education*. **29(2)**: 5p.
- 1732 Allen, D. M., et al. (2015). Movements and site fidelity of grass shrimp (*Palaemonetes pugio* and *P. vulgaris*) in salt marsh intertidal creeks. *Marine Biology*. **162**: 1275-1285.
- 1733 Harding, J. M., et al. (2015). Ontogenetic changes in predator-prey interactions between two species of larval fishes and oyster veligers. *Journal of Experimental Marine Biology and Ecology*. **471**: 164-174.
- 1734 Keppler, C. J., et al. (2015). A spatial assessment of baseline nutrient and water quality values in the Ashepoo-Combahee-Edisto (ACE) Basin, South Carolina, USA *Marine Pollution Bulletin*. **99**: 332-337.
- 1735 Rieucan, G., et al. (2015). Tidal and diel variations in schooling behavior of estuarine fish within an intertidal salt marsh creek. *Hydrobiologia*. **753**: 149-162.
- 1736 Kimball, M. E., et al. (2015). Effects of slotted water control structures on nekton movement within salt marshes. *Marine and Coastal Fisheries: Dynamics, Management, and Ecosystem Science*. **7**: 177-189.
- 1737 Reed, M. L., et al. (2015). Effects of nitrogen and dissolved organic carbon on microplankton abundances in four coastal South Carolina (USA) systems. *Aquatic*

- Microbial Ecology. **76**: 1-14.
- 1738 Cevalasco, M. E., et al. (2015). Initial observations of kleptoplasty in the foraminifera of coastal South Carolina. *Southeastern Naturalist*. **14(2)**: 361-372.
- 1739 Alberts, E. M., et al. (2015). Structural and compositional characterization of the adhesive produced by reef building oysters. *Applied Materials and Interfaces*. **7**: 8533-8538.
- 1740 Watson, E. B., et al. (2015). *Ulva* additions alter soil biogeochemistry and negatively impact *Spartina alterniflora* growth. *Marine Ecology Progress Series*. **532**: 59-72.
- 1741 Chen, S., et al. (2015). Intertidal zone particulate organic carbon redistribution by low-tide rainfall. *Limnology & Oceanography*. **60**: 1088-1101.
- 1742 Tremont, R. M., et al. (2015). Effects of within-season temperature variations on the early life history of two estuarine demersal fishes. *Environmental Biology of Fishes*.
- 1743 Cramer, K. R., et al. (2015). Litter isn't glitter: Beaches should be clean. *Current: The Journal of Marine Education*. **29(3)**.
- 1744 Goldman, E. A., et al. (2013). Estimation of chromophoric dissolved organic matter (CDOM) and photosynthetic activity of estuarine phytoplankton using a multiple-fixedwavelength spectral fluorometer. *Water Research*. **47**: 1616-1630.
- 1745 Lawrenz, E., et al. (2013). Spectral Irradiance, Phytoplankton Community Composition and Primary Productivity in a Salt Marsh Estuary, North Inlet, South Carolina, USA. *Estuaries and Coasts*. **36(2)**: 347-364.
- 1746 Sanger, D., et al. (2010). A Case History of the Science and Management Collaboration in Understanding Hypoxia Events in Long Bay, South Carolina, USA. *Environmental Management*. **46**: 340-350.
- 1747 Morris, J. T., et al. (2016). Contributions of organic and inorganic matter to sediment volume and accretion in tidal wetlands at steady state. *Earth's Future*. **4**: 12
- 1748 Price, A. R. and M. C. Curran (2015). Black-eyed gills. *Natural Sciences Education*. **44(1)**: 143-148.
- 1749 Brinton, B. A. and M. C. Curran (2015). The effects of the parasite *Probopyrus pandalicola* (Packard, 1879) (Isopoda, Bopyridae) on the behavior, transparent camouflage, and predators of *Palaemonetes pugio* Holthuis, 1949 (Decapoda, Palaemonidae). *Crustaceana*. **88(12-14)**: 1265-1281.
- 1750 Brinton, B. A. and C. Curran (2015). Variability is not the villain: Finding patterns in complex natural images. *Science Activities*. **52(4)**: 106-111.
- 1751 Brinton, B. A. and M. C. Curran (2016). Bird-brained foraging: Learn to eat like a crow *Science Scope*. **39(5)**:58-62.
- 1752 Lin, J., et al. (2016). Examination of winter circulation in a northern Gulf of Mexico estuary. *Estuaries and Coasts*. **39**: 879-899.
- 1753 Buskey, E. J., et al. (2015). System-Wide Monitoring Program of the National Estuarine Research Reserve System: Research and Monitoring to Address Coastal Management Issues. *Coastal Ocean Observing Systems*. L. Yonggang, H. Kerkering and R. H. Weisberg. New York, Academic Press : 392-415.
- 1754 Wigand, C., et al. (2015). Nutrient effects on belowground organic matter in a minerogenic salt marsh, North Inlet, SC. *Estuaries and Coasts*. **38(6)**: 1838-1853.
- 1755 Allen, D. M. (2015). Nekton behavioral ecology. *Encyclopedia of Estuaries*. M. J. Kennish. Dordrecht, Springer, :451.
- 1756 Allen, D. M. (2015). Zooplankton. *Encyclopedia of Estuaries*. M. J. Kennish. Dordrecht, Springer : 745.
- 1757 Simpson, R. G., et al. (2015). *Fishes of the North Inlet Estuary, SC: A Guide to Their Identification and Ecology*. Columbia, SC, Baruch Institute, University of South Carolina.
- 1758 Curran, M. C., et al. (2016). Do you see what I see? Using ethograms to observe animal behavior. *The American Biology Teacher*. **78(3)**: 226-232.

- 1759 McKenzie, K. A. and M. C. Curran (2016). Pass the DNA, Please. *NSTA: Science Scope*. **39(6)**: 36-40.
- 1760 Agrelius, T., et al. (2016). Global methylation of DNA among *Spartina alterniflora* clones differing in age at North Inlet, SC. 4th International Conference on Invasive Spartina, ICI Spartina 2014. Rennes, France, University of Rennes Press: 53-57.
- 1761 Morris, J. T. (2016). Marsh equilibrium theory. 4th International Conference on Invasive Spartina, ICI Spartina 2014. University of Rennes, France, University of Rennes Press : 67-71.
- 1762 Dunlap, R. H. and D. E. Porter (1993). Identification and assessment of 'indirect' impacts associated with regulatory permitting programs -- for now, a conceptual model. *Coastal Zone '93*. New Orleans, LA. **1**: 79-93.
- 1763 Schill, S. R., et al. (2000). A discriminant analysis on the biophysical characteristics of *Spartina alterniflora* and multispectral reflectance in remotely sensed data. Sixth International Conference on Remote Sensing for Marine and Coastal Environments: 89-102.
- 1764 Nichols, C. C., et al. (2000). Coastal land-cover classification using NASA's Airborne Terrestrial Applications Sensor (ATLAS) data. Sixth International Conference on Remote Sensing for Marine and Coastal Environments : 279-286.
- 1765 Finelli, C. M. and D. S. Wethey (2003). Behavior of oyster (*Crassostrea virginica*) larvae in flume boundary layer flows. *Marine Biology*. **143**: 703-711.
- 1766 Morris, J. T. (1984). Effects of oxygen and salinity on ammonium uptake by *Spartina alterniflora* and *Spartina patens*. *Journal of Experimental Marine Biology and Ecology*. **78**: 87-98.
- 1767 Chapelle, F. H., et al. (1988). Bacterial metabolism and the delta-C-13 composition of ground water, Floridan aquifer system, South Carolina. *Geology*. **16(2)**: 117-121.
- 1768 Kleppel, G., et al. (2006). Urban typology and estuarine biodiversity in rapidly developing coastal watersheds. *Changing Land Use Patterns in the Coastal Zone: Managing Environmental Quality in Rapidly Developing Region*. G.S. Kleppel, M. R. DeVoe and M. V. Rawson, Springer 69-89.
- 1769 White, D. L., et al. (2008). Spatial gradient analyses of nutrients and chlorophyll a biomass in an urbanized lagoonal estuary: a comparison between wet and dry periods. *Journal of Coastal Research*. **24(3)** 649-659.
- 1770 Fletcher, M., et al. (2008). Integration of environmental information systems. 2008 Water Resources Conference. Charleston, SC, Clemson University, Clemson, Sc. <http://tigerprints.clemson.edu/scwrc/2008/2008cyber/3/>: 4.
- 1771 Porter, D., et al. (2008). The Carolinas Coastal Ocean Observing and Prediction System: an infrastructure for communications and data management for real-time environmental monitoring. 2008 Water Resources Conference. Charleston, SC, Clemson University, Clemson, SC. <http://tigerprints.clemson.edu/scwrc/2008/2008cyber/6/>: 4.
- 1772 Gray, B., et al. (2009). Associations between land use and *Perkinsus marinus* infection of eastern oysters in a high salinity, partially urbanized estuary. *Ecotoxicology*. **18(2)**: 259-269.
- 1773 Fletcher, M., et al. (2009). A Southeast regional testbed for integrating complex coastal and ocean information systems. MTS/IEEE Oceans '09 Conference. Biloxi, MS, IEEE : 10.
- 1774 Dorton, J., et al. (2009). Ocean observing: linking observations to the NWS and marine community. MTS/IEEE Oceans '09 Conference. Biloxi, MS, IEEE.
- 1775 White, D. L., et al. (2009). Development of a data management framework in support of southeastern tidal creek research. *Environmental Monitoring and Assessment*. **150**: 323-331.

- 1776 Ragsdale, R., et al. (2011). Successful Integration Efforts in Water Quality From the Integrated Ocean Observing System Regional Associations and the National Water Quality Monitoring Network. *Marine Technology Society Journal*. **45(1)**: 19-28.
- 1777 Porter, D. E., et al. (2015). Integrating environmental monitoring and observing systems in support of science to inform decision making: Case studies for the Southeast. *Coastal Ocean Observing Systems: Advances and Syntheses*. Y. Liu, H. Kerkering and R. Weisberg, Elsevier Press : 416-429.
- 1778 Neet, M., et al. (2015). Model performance results in Myrtle Beach, SC using Virtual Beach and R regression software. *South Carolina Water Resources Journal*. **2(1)**: 80-85.
- 1780 Morris, J. T., et al. (1988). Potential denitrification rates in deep sediments from the southeastern coastal plain. *Environmental Science & Technology*. **22**: 832-836.
- 1781 Bowden, W. B., et al. (1991). Transport and processing of nitrogen in a tidal freshwater marsh. *Water Resources Research*. **27**: 389-408.
- 1782 Otte, M. L. and J. T. Morris (1994). Dimethylsulphoniopropionate (DMSP) in *Spartina alterniflora* Loisel. *Aquatic Botany*. **48**: 239-259.
- 1783 Brix, H., et al. (1994). Effects of oxygen and nitrate on ammonium uptake kinetics and adenylate pools in *Phalaris arundinacea* L. and *Glyceria maxima* (Hartm.) Holmb. . *Proc. Royal Society Edinburgh*. **102B**: 333-342.
- 1784 Yoch, D. C., et al. (1995). Stimulatory effect of low level hydrocarbon amendments on microbial N₂ fixation, denitrification, and methanogenesis in salt marsh environments. IGT 5th Annual International Symposium on Gas, Oil and Environmental Biotechnology. T. Patla. Chicago, IL, IGT, Chicago. : 255-274.
- 1785 Huang, X. and J. T. Morris (2003). Trends in phosphatase activity along a successional gradient of tidal freshwater marshes on the Cooper River, South Carolina. *Estuaries*. **26**: 1281-1290.
- 1786 Alber, M., et al. (2015). An approach to develop numeric nutrient criteria for Georgia and South Carolina estuaries. Technical report to the US EPA, Georgia EPD, and South Carolina DHEC. : 59.
- 1787 Paerl, H. W., et al. (2004). Using microalgal indicators to assess human and climatically induced ecological state change in estuaries. *Estuarine Indicators*. S. A. Bortone, CRC Press.
- 1788 McKellar Jr., H. N., et al. (2007). Tidal Nitrogen Exchanges Across a Freshwater Wetland Succession Gradient in the Upper Cooper River, South Carolina. *Estuaries and Coasts*. **30(6)**: 989-1006.
- 1789 Tufford, D., et al. (2012). Water quality monitoring and research at Lake Wateree, SC. 2012 South Carolina Water Resources Conference - Exploring Opportunities for Collaborative Water Research, Policy and Management. Columbia, SC, Institute of Computational Ecology, Clemson University : 10 pages.
- 1790 Williams, J. T., et al. (2016). Hear ye, hear ye: Mock town hall meeting on human-induced impacts on the ecosystem. *Current: The Journal of Marine Education*. **30(1)**: 13-24.
- 1791 Alizad, K., et al. (2016). A coupled, two-dimensional hydrodynamic-marsh model with biological feedback. *Ecological Modelling*. **327**: 29-43.
- 1792 Thompson, C. A., et al. (2016). Shrimp socktail: The shrimp you feel instead of peel. *Current: The Journal of Marine Education*. **30(1)**: 35-47.
- 1793 Dang, H. and C. R. Lovell (2016). Microbial surface colonization and biofilm development in marine environments. *Microbiology and Molecular Biology Reviews*. **80**: 91-138.
- 1794 Nanko, K., et al. (2016). Rainfall erosivity-intensity relationships for normal rainfall events and a tropical cyclone on the US southeast coast. *Journal of Hydrology*. **534**: 440-450.
- 1795 Chen, S., et al. (2016). The role of salt marsh structure in the distribution of surface

- sedimentary organic matter. *Estuaries and Coasts*. **39**: 108-122.
- 1796 Torres, R. and R. Styles (2007). Effects of topographic structure on salt marsh currents. *Journal of Geophysical Research*. **112**: F02023 (02014 pages).
- 1797 Thompson, J., et al. (2016). "Capture" me if you can: Estimating abundance of dolphin populations. *Science Activities*. **53(2)**: 49-67.
- 1798 McCoy, C., et al. (2011). Radon as an indicator of limited cross-shelf mixing of submarine groundwater discharge along an open ocean beach in the South Atlantic Bight during observed hypoxia. *Continental Shelf Research*. **31(12)**:1,306-301,317.
- 1800 Toscano, B. J., et al. (2014). Parasite modification of predator functional response. *Oecologia*. **175**: 345-352.
- 1801 Hogan, J. M. and B. D. Griffen (2014). The dietary and reproductive consequences of fishery-related claw removal for the stone crab *Menippe* spp. *Journal of Shellfish Research*. **33(3)**: 795–804.
- 1802 Griffen, B. D. and A. P. Norelli (2015). Spatially variable habitat quality contributes to within-population variation in reproductive success. *Ecology and Evolution*. **5(7)**: 1474–1483.
- 1803 Belgrad, B. A. and B. D. Griffen (2015). Rhizocephalan infection modifies host food consumption by reducing host activity levels. *Journal of Experimental Marine Biology and Ecology*. **466**: 70-75.
- 1804 Belgrad, B. A. and B. D. Griffen (2016). Predator–prey interactions mediated by prey personality and predator hunting mode. *Proceedings of the Royal Society B*. **283**: 20160408.
- 1805 Knotts, E. R. and B. D. Griffen (2016). Individual movement rates are sufficient to determine and maintain dynamic spatial positioning within *Uca pugilator* herds. *Behavioral Ecology and Sociobiology*. **70**: 639-646.
- 1806 Belgrad, B. A. and B. D. Griffen (2016). The influence of diet composition on fitness of the blue crab, *Callinectes sapidus*. *PLoS ONE*. **11(1)**: e0145481.
- 1807 Reed, M. L., et al. (2016). The influence of nitrogen and phosphorus on phytoplankton growth and assemblage composition in four coastal, southeastern USA systems. *Estuarine, Coastal, and Shelf Science*. **177**: 71-82.
- 1808 Brusa, J., et al. (2016). Abundance, ranging patterns, and social behavior of bottlenose dolphins (*Tursiops truncatus*) in an estuarine terminus. *Aquatic Mammals*. **42(1)**: 109-121.
- 1809 Morris, J. T., et al. (2012). The effect of nutrients on wetland vegetation. Answering 10 Fundamental Questions About Restoring the Mississippi River Delta. J. W. Day Jr. and e. al., *The Mississippi River Delata Science and Engineering Special Team*: 12-13.
- 1810 Yoch, D. C. and G. J. Whiting (1986). Evidence for NH₄⁺ Switch-Off Regulation of Nitrogenase Activity by Bacteria in Salt Marsh Sediments and Roots of the Grass *Spartina alterniflora*. *Applied and Environmental Microbiology*. **51(1)**: 143-149.
- 1811 Kline, A. and J. Pinckney (2016). Size-selective toxicity effects of the antimicrobial tylosin on estuarine phytoplankton communities. *Environmental Pollution*. **216**: 806-810.
- 1812 Ramsden, S., et al. (2017). Using acoustic telemetry to assess patterns in the seasonal residency of the Atlantic stingray *Dasyatis sabina*. *Environmental Biology of Fishes*. **100**: 89-98.
- 1814 Toscano, B. J. and B. D. Griffen (2014). Trait-mediated functional responses: Predator behavioural type mediates prey consumption. *Journal of Animal Ecology*. **83**: 1469-1477.
- 1815 Greenfield, D. I., et al. (2012). Assessing biological responses to nitrogen and phosphorus levels across the South Carolina coastal zone. *Proceedings of the 2012 South Carolina Water Resources Conference*, October 10-11, 2012. Columbia, SC, Institute of Computational Ecology, Clemson University, Clemson, SC : 2.

- 1816 Styles, R. (2015). Flow and Turbulence over an Oyster Reef. *Journal of Coastal Research*. **31(4)**: 978-985.
- 1817 Güt, J. A. and C. Curran (2017). Assessment of fish assemblages before dredging of the shipping channel near the mouth of the Savannah River in coastal Georgia Estuaries and Coasts. **40**: 261-267.
- 1818 Fletcher, M., et al. (2009). Carolinas Regional Coastal Ocean Observing System (Carolinas RCOOS): A model for integration of sub-regional observing systems. MTS/IEEE Oceans '09 Conference. Biloxi, MS, IEEE.
- 1819 Brown, M. M., et al. (2003). Expression of nifH genes by diazotrophic bacteria in the rhizosphere of short form *Spartina alterniflora*. *FEMS Microbiology Ecology*. **43(3)**: 411-417.
- 1820 Gößner, A. S., et al. (2006). Trophic interaction of the aerotolerant anaerobe *Clostridium intestinale* and the acetogen *Sporomusa rhizae* sp nov isolated from roots of the black needlerush *Juncus roemerianus*. *Microbiology*. **152(4)**: 1209-1219.
- 1821 Leaphart, A. B., et al. (2003). Formyltetrahydrofolate synthetase sequences from salt marsh plant roots reveal a diversity of acetogenic bacteria and other bacterial functional groups. *Applied and Environmental Microbiology*. **69**: 693-696.
- 1823 West, C. K. G., et al. (2013). High frequency of virulence factor genes tdh, trh, and tlh in *Vibrio parahaemolyticus* strains isolated from a pristine estuary. *Applied and Environmental Microbiology*. **79**: 2247-2252.
- 1824 Gordon, A. R., et al. (2015). Ecotoxicology of bromoacetic acid on estuarine phytoplankton. **206**: 369-375.
- 1825 Hughes, A. L. H., et al. (2015). Groundwater transport and radium variability in coastal porewaters. *Estuarine Coastal Shelf Science*. **164**: 94-104.
- 1826 Nolan, C. B., et al. (2016). Needs assessment of coastal land managers for drought onset indicators in the southeastern United States. *Journal of Coastal Research*. **32(5)**: 1016-1024.
- 1827 Ibáñez, C., et al. (2013). *Coastal marshes*. New Jersey, USA, Wiley-Blackwell.
- 1828 Scott, G. I., et al. (2016). Antibiotics as CECs: an overview of the hazards posed by antibiotics and antibiotic resistance. *Frontiers in Marine Science*. **3**: 24 pages.
- 1829 Wickliffe, L. C., et al. (2016). Development of a geospatial guide for responsible residential pesticide application within the South Carolina coastal zone. *Southeastern Geographer*. **56(2)**: 152-170.
- 1830 Henderson, H. C., et al. (2016). A content analysis of Internet resources about the risks of seafood consumption. *International Journal of Environmental Health Research*. **26**: 433-447.
- 1831 Havran, J. C., et al. (2017). Meeting Society's Needs for Education and Discovery: A Survey of Eight Field Stations and Marine Laboratories in the Southeastern United States. *Southeastern Naturalist*. **16**: 146-157.
- 1832 Kimball, M. E., et al. (2016). Estuarine fish behavior around slotted water control structures in a managed salt marsh. *Wetlands Ecology and Management*. **25**: 299-312.
- 1833 Peterson, L., et al. (2016). Quantifying groundwater export from an urban reservoir: A case study from coastal South Carolina. *Emerging Issues in Groundwater Resources*. A. Fares. New York, Springer : 336-388.
- 1834 Raposa, K., et al. (2016). Assessing tidal marsh resilience to sea-level rise at broad geographic scales with multi-metric indices. *Biological Conservation*. **204**: 263-275.
- 1835 Alizad, K., S.C. Hagen, J.T. Morris, S.C. Medeiros, M.V. Bilskie, and J. F. Weishampel (2016). Coastal wetland response to sea level rise in a fluvial estuarine system. *Earth's Future*. **4**.

- 1836 Wigand, C., et al. (2016). Varying inundation regimes differentially affect natural and sand-amended marsh sediments. PLoS ONE. **11(10)**: 24.
- 1837 Byrd, K. B., et al. (2016). Forecasting tidal marsh elevation and habitat change through fusion of Earth observations and a process model. Ecosphere.
- 1838 Kalinowsky, C. A., et al. (2016). Age and growth of *Rachycentron canadum* (L.) (Cobia) from the nearshore waters of South Carolina. Southeastern Naturalist. **15**: 714-728.
- 1839 Ramsden, S. and M. C. Curran (2016). One Ray, Two Ray, Spring Ray, Fall Ray: Mapping Seasonal Stingray Distributions Current: The Journal of Marine Education. **30**: 41 - 48.
- 1840 Taubenheim, T., et al. (2016). Mollusk Mania: Measuring oyster reef complexity using simple methods. Current: The Journal of Marine Education. **30**: 5 - 9.
- 1841 Brinton, C. P. and M. C. Curran (2017). Tidal and diel movement patterns of the Atlantic stingray *Dasyatis sabina* along a stream-order gradient. Marine and Freshwater Research. **68**: 1716 - 1725.
- 1842 Mace III, M. M., et al. (2017). Low-temperature tolerance of juvenile tarpon *Megalops atlanticus*. Environmental Biology of Fishes. **100**: 913-922.
- 1843 Li, C., et al. (2017). Estuarine Plume: A Case Study by Satellite SAR Observations and In Situ Measurements. IEEE Transactions on Geoscience and Remote Sensing. **55**: 2276-2287.
- 1844 Allen, D. M., et al. (2017). Nekton use of flooded salt marsh and an assessment of intertidal creek pools as low tide refuges. Estuaries and Coasts.
- 1845 Lovell, C. R. (2017). Ecological fitness and virulence features of *Vibrio parahaemolyticus* in estuarine environments. Applied Microbiology and Biotechnology. **101**: 1781-1794.
- 1846 Curran, M. C., et al. Detangling spaghetti: Tracking deep ocean currents in the Gulf of Mexico, Science Activities.
- 1847 Korsman, B. K., et al. (2017). Spatial and temporal variability in ichthyoplankton communities ingressing through two adjacent inlets along the southeastern US Atlantic coast. . Hydrobiologia.
- 1848 Pinckney, J., et al. (2017). Triclosan alterations of estuarine phytoplankton community structure. Marine Pollution Bulletin. **119**: 162 - 168.
- 1849 Rochlin, I. M., J.T. Regulation of Salt Marsh mosquito population by th 18.6-year lunar-cycle. Ecology.
- 1850 Lovelock, C. E., et al. (2017). Modeled CO2 Emmisions from Coastal Wetland Transitions to Other Land Uses: Tidal Marshes, Mangrove Forests, and Seagrass Beds. Frontiers in Marine Science. **4**: 1-11.
- 1851 Smith, D. T. and M. C. Curran Movement Patterns of *Sphyrna tiburo* (Bonnethead Shark) in a Shallow Tidal Creek System. Southeastern Naturalist. **1**.
- 1852 Bell, D., et al. Temporal variability in ecological stoichiometry and material exchange in a tidally-dominated estuary (North Inlet, South Carolina) and the impact on community nutrient status. Estuaries and Coasts.
- 1853 Ellis, K., et al. Hydrologic assessments of tidal creeks to inform nutrient management recommendations. Journal of South Carolina Water Resources.
- 1854 Schroer, W. F., et al. Drivers of sediment accumulation and nutrient burial in coastal stormwater detention ponds, South Carolina, USA.
- 1855 Reilly, H. Z. and C. Curran Ebb Light, Flood Light: Red Light, Green Light for Larval Flatfishes. Natural Sciences Education.
- 1856 Mace III, M. M., et al. (2017). Recruitment and Habitat Use of Early Life Stage Tarpon (*Megalops atlanticus*) in South Carolina Estuaries. Estuaries and Coasts.
- 1857 Van Meerssche, E. and J. L. Pinckney The influence of salinity in the domoic acid effect on estuarine phytoplankton communities. Harmful Algae.
- 1858 Greenfield, D. I., et al. (2017). Temporal and environmental factors driving *Vibrio*

- vulnificus* and *V. parahaemolyticus* populations and their associations with harmful algal blooms in South Carolina detention ponds and receiving tidal creeks. *GeoHealth*. **1**: 306-317.
- 1860 R., M. C., et al. Critical comparison of molecular methods for detection and enumeration of the harmful algal species, *Heterosigma akashiwo*, in environmental water samples. *Journal of Applied Phycology*.
- 1861 Davis, D. A., et al. Responses of salt marsh rhizosphere diazotroph assemblages to drought. *Microorganisms*.
- 1862 Pinckney, J. A Mini-Review of the Contribution of Benthic Microalgae to the Ecology of the Continental Shelf in the South Atlantic Bight. *Estuaries and Coasts*.
- 1863 Agrelis, T., et al. Global DNA cytosine methylation variation within and among *Spartina alterniflora* plants from North Inlet, SC. *PLoS ONE*.
- 1864 Van Meerssche, E., et al. (2018). Coastal eutrophication and freshening: Impacts on *Pseudo-nitzschia* abundance and domoic acid allelopathy. *Estuarine, Coastal and Shelf Science*. **209**: 70-79.
- 1865 Sitta, K., et al. (2018). The influences of nitrogen form and zooplankton grazing on phytoplankton assemblages in two coastal southeastern systems. *Limnology & Oceanography*.
- 1866 Knotts, E. R. and J. Pinckney (2018). Carbonic anhydrase regulation of phytoplankton community structure in estuarine systems. *Aquatic Microbial Ecology*.
- 1867 Van Meerssche, E. and J. Pinckney Nutrient loading impacts on estuarine phytoplankton size and community composition: Community based indicators of eutrophication. *Estuaries and Coasts*.
- 1868 Neubauer, S. C., et al. Saltwater Intrusion Modifies Microbial Community Structure and Decreases Denitrification in Tidal Freshwater Marshes. *Ecosystems*.