

8.0 REFERENCES

- Abrahamsen, T., W. Hughes, E. Reuber, and T. Sicherman. 1997. Selected aquatic ecology, surface water quality and ground water studies in the Santee River Basin and coastal drainages, North and South Carolina, 1996. USGS Open File Report 97-115. 49 pp.
- ACOE (Army Corps of Engineers). 1996. Coast of Florida erosion and storm effects study: Region III with final environmental impact statement. ACOE Tech. Rept., Jacksonville District. Three volumes and Appendices A-I.
- Adams, J. A. 1960. A contribution to the biology and post-larval development of the sargassum fish, *Histrio histrio* (Linnaeus), with a discussion of the sargassum complex. Bull. Mar. Sci. 10:55-82.
- Albertson, H.D.,. 1980. Long term effects of high temperature and low salinities on specimens of *Melonena corona* and *Nassarius vibex*. Phd. Dissertation. University of Miami. Coral Gables, Florida. 79pp.
- Aldrich, D. V., C. E. Wood, and K. N. Baxter. 1968. An ecological interpretation of low temperature responses in *Penaeus aztecus* and *P. setiferus* postlarvae. Bull. Mar. Sci. 18(1):61-71.
- Allen, D.M. and T.J. Costello. 1972. The calico scallop, *Argopecten gibbus*. NOAA Technical Report NMFS SSRF-656. 19p
- Amatya, D., W. Gilliam, R. Skaggs and C. Blanton. 1996. Quality of water from drained managed plantations in North Carolina Coastal Plain. For: Solutions: a technical conference on water quality, North Carolina State University, March 1996.
- Andes, H.G. and H.C. John. 1984. Results of some neuston net catches in the warmer central North Atlantic - fish larvae and selected invertebrates. Meer. Rep. Mar. Res. 30:144-154.
- Anonymous. 1978. FRS Oregon II Cruise Report, NOAA/NMFS, 5pp.
- Anraku, M. and M. Azeta. 1965. The feeding habits of larvae and juveniles of the yellowtail, *Seriloa quinqueratiata* Temminck et Schlegel, associated with floating seaweeds. Bull. Seikai Reg. Fish. Res. Lab. 33:13-45.
- Antonius, A., A.H. Weiner, J.C. Halas and E. Davidson. 1978. Looe Key reef resource inventory. Final report to NOAA, Office of Coastal Zone Management, by the Florida Reef Foundation, Homestead, Florida. 63 pp.
- Antonius, A. 1973. New observations on coral destruction in the reefs. In: Association of Island Marine Laboratories of the Carribean, 10th. meeting. Mayaguez, Puerto Rico, September 4-7, 1973. abstract only.
- Antonius, A. 1976. Kranke korallen: riffzerstörung. Umschau in Wissenschaft und Technik 76, 15: 493-494.
- Antonius, A. 1977. Coral mortality in reefs: A problem for science and management. In: Proc. , Third Int'l. Coral reef Symposium, Miami, Florida, May 1977. 2: 617-623.
- Appeldoorn, R. A., D. A. Hensley, D. Y. Shapiro, S. Kioroglou and Brian G. Sanderson. 1994. Egg dispersal in a Caribbean coral reef fish, *Thalassoma bifasciatum*. II. Dispersal off the reef platform. Bull. Mar. Sci. 54(1):271-280.
- Aronson, R.B., T.J.T. Murdoch, 1997. Coral faunas of the Florida Keys: a report on the Keyswide coral reef expedition. Tech. Rep. 97-001, Dauphin Island Sea Lab.
- Atkinson, L.P., Menzel, D.W., Bush, K.A. (eds.) 1985. Oceanography of the southeastern U.S. continental shelf. American Geophysical Union, Washington, 156 p.

- Atlantic Sturgeon Plan Development Team. 1998. Amendment #1 to the interstate fishery management plan for Atlantic sturgeon. Atlantic States Marine Fisheries Commission, Washington, D.C. Fishery Management Report No. __. __pp.
- Atlantic Sturgeon Status Review Team. 1998. Draft Atlantic sturgeon status review. National Marine Fisheries Service and U.S. Fish and Wildlife Service, Gloucester and Hadley, MA. 107 pp.
- Ault, J. S., J. A. Bohnsack and . Meester. In press. A retrospective (1979-1995) multispecies assessment of coral reef fish stocks in the Florida Keys. Fish. Bull. U.S.
- Auster, P.J. and R.W. Langton. 1998. The indirect effects of fishing -- draft 2. Draft report for the National Marine Fisheries Service. 52 pp.
- Avent, R.M., M.E. King, and R.H. Gore. 1977. Topographic and faunal studies of shelf-edge prominence off the central eastern Florida coast. Int. Revue ges Hydrobiol. 62:185-208.
- Backus, R.H., Craddock, J.E., Haedrich, R.L., and Robison, B.H. (1977) Atlantic meso- and bathypelagic zoogeography. In: Fishes of the Western North Atlantic, Part VII. Sears Foundation for Marine Research: New Haven, pp. 266-287.
- Bagby, M. 1978. The ecology of patch reef gorgonians off the coast of Key Largo, Florida. Unpublished Report, Florida International University, Miami. 28pp.
- Bahr, L.M., and W.P. Lanier. 1981. The ecology of intertidal oyster reefs of the South Atlantic coast: a community profile. U.S. Fish and Wildlife Service, Biological Survey Program, Washington, D.C. FWS/OBS 81/15. 105pp.
- Baisden, V. W. 1983. The shrimp and the shrimp fishery of the southern United States. U.S. Fish Wildl. Serv. Bur. Commer. Fish. Fish. Leafl. 589. 8 pp.
- Bak, R. P. M. 1978. Lethal and sublethal effects of dredging on reef corals. Mar. Poll. Bull. 9(1):14-16.
- Baker, J.E., T.M. Church, S.J. Eisenreich, W.F. Fitzgerald, and J.R. Scudlark. 1993. Relative atmospheric loadings of toxic contaminants and nitrogen to great waters. Report to U.S. Environmental Protection Agency Great Waters Program Coordinator. 142 pp.
- Baker, W.D. 1968. A reconnaissance of anadromous fish runs into the inland fishing waters of North Carolina. Federal Aid in Fish Restoration, Project AFS-3. NC Wildlife Resources Commission, Raleigh.
- Baranov, F. I.. 1969. Selected works on fishing gear. In: P. Greenberg (editor), Commercial fishing techniques, Vol I, p. 1 - 631. Israel Program for Scientific Translations; (translated from Russian by E. Vilim). Cited from Wenner (1983).
- Barker, J. 1997. Swine fresh manure characteristics. Database, Jan. 1994. Dep. of Biological and Agric. Eng., North Carolina State Univ., Raleigh, NC.
- Barker, J. and J. Zublena. 1995. Livestock manure nutrient assessment in North Carolina. Final Rep. North Carolina Agric. Ext. Service, North Carolina State Univ., Raleigh, NC.
- Barstow, S.F. 1983. The ecology of Langmuir circulation: a review. Mar. Environ. Res. 9:211-236.
- Batsavage, C.F. and R.A. Rulifson. 1998. Life history aspects of the hickory shad (*Alosa mediocris*) in the Albemarle Sound/Roanoke River watershed, North Carolina. Completion Report for Project M6057 to North Carolina Division of Marine Fisheries, Morehead City.
- Baugh, T.M. 1991. Pelagic sargassum (gulfweed) fauna in a northeast Florida salt marsh. Underwat. Nat. 20(3):16.
- Bayley, S., V. Stotts, P.F. Springer and J. Steenis. 1978. Changes in submerged aquatic macrophyte populations at the head of Chesapeake Bay, 1958-75. Estuaries 1:73-84.

8.0 References

- Beardsley, G.L., Jr. 1967. Age, growth, and reproduction of the dolphin, *Coryphaena hippurus*, in the Straits of Florida. *Copeia* 1967:441-451.
- Beebe, W.S. and J. Tee-Van. 1928. The fishes of Port-au-Prince Bay, Haiti, with a summary of the known species of marine fish of the island of Haiti and Santo Domingo. *Zoologica* 10(1): 1-279.
- Beccasio, A. D., G. H. Weissberg, A. E. Redfield, R. L. Frew, W. M. Levitan, J. E. Smith, and R. E. Godwin. 1980. Atlantic coast ecological inventory user's guide and information base. U. S. Fish and Wildlife Service, FWS/OBS-80/51.
- Beeflink, W.G. 1977. Salt marsh. ed. R.S. Barnes. *The Coastline*. pp. 93-121.
- Besednov, L.N. 1960. Some data on the ichthyofauna of Pacific Ocean flotsam. *Trudy Inst. Okeanol.* 41:192-197. (Translation by W.G. Van Campen).
- Beyers, C. J. De B., and C. G. Wilke. 1980. Quantitative stock survey and some biological and morphometric characteristics of the deep-sea red crab *Geryon quinquedens* off South West Africa. *Fisheries Bulletin of South Africa* 13: 9-12.
- Bielsa, L. M., and R. F. Labisky. 1987. Food habits of blueline tilefish, *Caulolatilus microps*, and snowy grouper, *Epinephelus niveatus*, from the lower Florida keys. *Northeast Gulf Sci.* 9: 77-87.
- Blair, S. M., and B. S. Flynn. 1989. Biological monitoring of hard bottom reef communities off Dade County Florida: Community Description. *IN: Lang, M. and Jaap (Eds) Diving for Science....1989. Proceedings of the American Academy of Underwater Sciences Ninth Annual Scientific Diving Symposium, Woods Hole Mass. Costa Mesa, CA. pp 9-24.*
- Blair, S. M., B. S. Flynn, and S. Markley. 1990. Characteristics and assessment of dredge related mechanical impact to hard-bottom reef areas off northern Dade County, Fl. *In: J. C. Lang and W. C. Jaap, eds. Tenth Symp. Amer. Acad. Underwater Sciences.*
- Blanton, J.O., L.P. Atkinson, L.J. Pietrafesa and T.N. Lee. 1981. The intrusion of Gulf Stream water across the continental shelf due to topographically-induced upwelling. *Deep-Sea Res.* 28:393-405.
- Boardman, C., and D. Weiler. 1980. Aspects of the life history of three deepwater snappers around Puerto Rico. *Proc. Gulf Caribb. Fish. Inst.* 32: 158-172.
- Bobo, M.Y., Richardson, D.L., Coen, L.D., Burrell, V.G. 1997. A report on the protozoan pathogens *Perkinsus marinus* (Dermo) and *Haplosporidium nelsoni* (MSX) in South Carolina shellfish populations. *SCDNR Technical Report Number 86. 50pp.*
- Boesch, D. F. and R. E. Turner. 1984. Dependence of fishery species on salt marshes: the role of food and refuge. *Estuaries* 7:460-468.
- Böhlke, J. E., and C. C. Chaplin. 1993. *Fishes of the Bahamas and adjacent tropical waters.* Univ. TX. Press, Austin. 771 p.
- Böhlke, J.E., and C.G.G. Chaplin. 1968. *Fishes of the Bahamas and adjacent tropical waters.* Acad. Nat. Sci. Phila. xxi + 71p., 36 pls.
- Bohnsack, J. A., D. E. Harper, and D. B. McClellan. 1994. Fisheries trends from Monroe County, Florida. *Bull. Mar. Sci.* 54(3):982-1018.
- Bohnsack, J. A., D. E. Harper, D. B. McClellan, D. L. Sutherland, and M. W. White. 1987. Resource survey of fishes within Looe Key National Marine Sanctuary. *NOAA Tech. Mem. NOS MEMD 5. 108 pp.*
- Bohnsack, J.A., D.L. Sutherland, D.E. Harper, D.B. McClellan, M.W. Hulsbeck and C.M. Holt. 1989. The effects of fish trap mesh size on reef fish catch off southeastern Florida. *Marine Fisheries Review* 51(2): 36-46.

- Bortone, S.A. and J.L. Williams. 1986. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (south Florida) : Gray, lane, mutton, and yellowtail snappers. USFWS / BR - 82 (11.52).
- Bortone, S.A., P.A. Hastings, and S.B. Collard. 1977. The pelagic-*Sargassum* ichthyofauna of the eastern Gulf of Mexico. N.E. Gulf Sci. 1:60-67.
- Boschma, H. 1925. On the feeding reactions and digestion in the coral polyp *Astrangia danae* , with notes on its symbiosis with zooxanthellae. Biological Bulletin 49: 407-439.
- Boschma, H. 1957. List of described species of the order Stylasterina. Zool.Verh.-Leiden. 33:1-72.
- Boyer, J. N., J. W. Fourqurean, and R. D. Jones. 1997. Spatial characterization of water quality in Florida Bay and Whitewater Bay by multivariate analyses: zones of similar influence. Estuaries 20:743-758.
- Bradley, E., and C. F. Bryan III. 1975. Life history and fishery of the red snapper (*Lutjanus campechanus*) in the northwestern Gulf of Mexico: 1970- 1974. Proc. Gulf Caribb. Fish. Inst. 27: 77-106.
- Breder, Jr., CM. 1948. Field book of marine fishes of the Atlantic coast from Labrador to Texas. GP Putnam's Sons, New York, 332p.
- Breitburg, D. 1990. Nearshore hypoxia in the Chesapeake Bay: patterns and relationships among physical factors. Est. Coast. Shelf Sci. 30:593-609.
- Briggs, J.C. 1958. A list of Florida fishes and their distribution. Bull. Fla. State. Mus. Biol. Ser. 2 (8) : 223-318.
- Briggs, J.C. 1974. Marine zoogeography. McGraw-Hill Book Company.
- Bright T.J. , W.C. Jaap, and C.W. Cashman. 1981. Ecology and management of coral reefs and organic banks pp. 53-160 in Proc. Environmental research needs in the Gulf of Mexico (Gomex) Key Biscayne, Florida , 30 September - 5 October, 1979, vol. 11B. U.S. Department of Commerce, NOAA, Environmental research Laboratories, Miami, Florida.
- Bright, T.J. and L.H. Pequegnat (eds.) . 1974. Biota of the West Flower Garden Bank. Gulf Publ. Company, Houston, Texas. 435 pp.
- Brinson, M.M., A.E. Lugo and S. Brown. 1981. Primary productivity, decomposition and consumer activity in freshwater wetlands. Annu. Rev. Ecol. Syst. 12:123-161.
- Brinson, M.M., B.L. Swift, R.C. Plantico and J.S. Barclay. 1981. Riparian ecosystems: their ecology and status. U.S. Fish and Wildlife Service, Biological Services Program, Washington, D.C. FWS/OBS-81/17:1-155.
- Broad Creek Study Report. Date?
- Brooks, D.A. and J.M Bane. 1978. Gulf Stream deflection by a bottom feature off Charleston, South Carolina. Science 201:1225-1226.
- Brouha, P. 1993. Emulating Canada: Recognizing existing aquatic and fish habitat areas as invaluable. Fisheries 18(10): 4.
- Bruce, A.J. 1976. Shrimps and prawns of coral reefs with special references to commensalism p.38-94, in: O.A. Jones and R.Endean(eds.) Biology and geology of coral reefs, Vol.III. Biology 2. Academic Press, New York.
- Bull. u.S. Bur. Fish. 43: 1-366.
- Bullis, H. R. , Jr., and W. F. Rathjen. 1959. Shrimp explorations off southeastern coast of the United States (1956-1958). Comm. Fish. Rev. 21(6):1-20.
- Bullock, L. H., and G. B. Smith. 1991. Seabasses (Pisces:Serranidae). Memoirs of the Hourglass Cruises. Fla. Mar. Res. Inst. St. Petersburg. 243 p.

8.0 References

- Burch, R. K. 1979. The greater amberjack, *Seriola dumerili*: its biology and fishery off southeastern Florida. M.S. thesis, Univ. Miami, Coral Gables. 112 p.
- Burkholder, J. E. Noga, C. Hobbs, H. Glasgow and S. Smith. 1992 New "phantom" dinoflagellate is the causative agent of Major estuarine fish kills. *Nature* 358:407-410.
- Burkholder, J., H. Glasgow and C. Hobbs. 1995. Fish kills linked to a toxic ambush-predator dinoflagellate: distribution and environmental conditions. *Mar. Ecol. Progr. Ser.* 124:43-61.
- Burkholder, J., H. Glasgow and J. Cooke. 1994. Comparative effects of water-column nitrate enrichment on eelgrass *Zostera marina*, shoalgrass *Halodule wrightii*, and widgeongrass *Ruppia maritima*. *Mar. Ecol. Prog. Ser.* 105:121-138.
- Burkholder, J., H. Glasgow, E. Noga, and C. Hobbs. 1993. The role of the newly discovered dinoflagellate in finfish and shellfish kills in the Neuse and Pamlico Estuaries. Albemarle-Pamlico Estuarine Study report No. 93-08. NCDEHNR and EPA National Estuary Program. 58 pp.
- Burkholder, J., K. Mason, and H. Glasgow. 1992. Water-column nitrate enrichment promotes decline of eelgrass *Zostera marina*: evidence from seasonal mesocosm experiments. *Mar. Ecol. Prog. Ser.* 81:163-178.
- Burkholder, J., M. Mallin, H. Glasgow, M. Larsen, M. McIver, C. Shank, N. Deamer-Melia, D. Briley, J. Springer, B. Touchette and E. Hannon. 1997. Impacts to a coastal river and estuary from rupture of a large swine waste holding lagoon. *J. Env. Quality* 26(6):1451-1466.
- Burnett, L. 1997. The challenge of living in hypoxic and hypercapnic environments. *Amer. Zool.* 37:631-638.
- Burns, D. C. 1991. Cumulative effects of small modifications to habitat. *Fisheries* 16(1): 12-17.
- Burrell, V.G. 1986. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (South Atlantic)--American oyster. U.S. Fish and Wildlife Service Biological Report 82 (11.57). U.S. Army Corps of Engineers TR EL-82-4. 17pp.
- Butler, J.N. and A.W. Stoner. 1984. Pelagic *Sargassum*: has its biomass changed in the last 50 years? *Deep-Sea Res.* 31:1259-1264.
- Butler, J.N., B.F. Morris, J. Cadwallar, and A.W. Stoner. 1983. Studies of *Sargassum* and the *Sargassum* community. Bermuda Biol. Sta. Spec. Publ. 22:1-85.
- Bythell, J. C., E. H. Gladfelter, and Bythell, M. 1993. Chronic and catastrophic natural mortality of three common Caribbean corals. *Coral Reefs.* 12:143-152.
- Cairns, J., Jr. 1990. Lack of theoretical basis for predicting rate and pathways of recovery. *Environmental Management* 14:517-526.
- Cairns, S.D. 1977a. Guide to the commoner shallow -water gorgonians (sea whips, sea feathers, and sea fans) of Florida the Gulf of Mexico, and the Caribbean region). University of Miami Sea Grant Program, Field Guide Series, No.6. 74pp.
- Cairns, S.D. 1979. The deepwater Scleractina of the Caribbean Sea and adjacent waters. *Stud. Fauna Curacao.* 57 (180) : 331pp.
- Campbell, D.G. 1977. Bahamian chlorine bleach fishing: a survey. In: Proc., Third Int'l. Coral Reef Symposium, Miami, Florida. May, 1977. 2:593-595.
- Carey, R. C., P. S. Markovits, and J. B. Kirkwood. 1981. Proceedings U. S. Fish and Wildlife Service workshop on coastal ecosystems of the southeastern United States. FWS/OBS-80/59.

- Carins, J. 1980. Coping with point-source discharges. *Fisheries* 5(6):3.
- Carlton, J.T. 1985. Transoceanic and interoceanic dispersal of coastal marine organisms: the biology of ballast water. *Oceanography and Marine Biology, An Annual Review* 23: 313-371.
- Carpenter, E.J. 1970. Diatoms attached to floating *Sargassum* in the western Sargasso Sea. *Phycologia* 9:271-274.
- Carpenter, E.J. 1972. Nitrogen fixation by a blue-green epiphyte on pelagic *Sargassum*. *Science* 178:1207-1209.
- Carpenter, E.J. and J.L. Cox. 1974. Production of pelagic *Sargassum* and a blue-green epiphyte in the western Sargasso Sea. *Limnol Oceanogr.* 19:429-435.
- Carpenter, E.J., S.J. Anderson, G.R. Harvey, H.P. Milkas, and B.B. Peck. 1972. Polystyrene spherules in coastal waters. *Science* 178: 749-750.
- Carr, A. 1986. Rips, FADS and little loggerheads. *Bioscience* 36:92-100.
- Carr, A. 1987a. Impact of nondegradable marine debris on the ecology and survival outlook of sea turtles. *Mar. Pollut. Bull.* 18:352-356.
- Carr, A. and A.B. Meylan. 1980. Evidence of passive migration of green turtle hatchlings in *Sargassum*. *Copeia* 1980:366-368.
- Carr, A. 1987b. Perspective on the pelagic stage of sea turtle development. *Conserv. Biol.* 1:103-121.
- Carr, M. H. and M. A. Hxon. 1997. *Artificial Reefs: the Importance of Comparisons with Natural Reefs*. In *Fisheries*, American Fisheries Society, Vol 22, No. 4 April, 1997, pp 1-33.
- Casey, C.J. 1979. Pers. comm. Manager, Shell Factory, Inc. Ft.Meyers, Florida.
- Cashin, G.E., J.R. Dorney, and C.J. Richardson. 1992. Wetland alteration trends on the North Carolina coastal plain: Wetlands. 12(2): 63-71. In: Fretwell, J.D., and J.S. Williams (eds.) National water summary on wetland resources. U.S. Geological Survey Water-Supply Paper 2425. p. 300.
- CEE. 1987. *Plastics in the ocean: More than a litter problem*. Center for Environmental Education. 128 pp.
- Cerame-Vivas, M.J. and I.E. Gray. 1966. the distribution pattern of benthic invertebrates of the continental shelf off North Carolina. *Ecology* 47: 260-270.
- Chambers, J. R. 1990. Habitat degradation and fisheries declines. Unpublished report. National Marine Fisheries Service. Washington, D.C. 10 pp.
- Chambers, J. R. 1992. Coastal degradation and fish population losses. In: Stroud, R. H. (ed). *Stemming the tide of coastal fish habitat loss. Proceedings of a Symposium on Conservation of Coastal Fish Habitat.* pp. 45-50.
- Chester, A.J. and G.W. Thayer. 1990. Distributions of spotted seatrout (*Cynoscion nebulosus*) and gray snapper (*Lujanus griseus*) juveniles in seagrass habitats of western Florida Bay. *Bull. Mar. Sci.* 46:345-347.
- Chester, A.J., G.R. Huntsman, P.A. Tester, and C.S. Manooch, III. 1984. South Atlantic Bight reef fish communities as represented in hook-and-line catches. *Bull. Mar. Sci.*, 34:267-279.
- Chiappone, M. 1996. marine benthic communities of the Florida Keys. Nature Conservancy, Zenda Wisconsin, 63 pp.
- Chiappone, M. 1996. marine benthic communities of the Florida Keys. Nature Conservancy, Zenda Wisconsin, 63 pp.

8.0 References

- Chiappone, M. 1996. Marine benthic communities of the Florida Keys. Nature Conservancy, Zenda, Wisconsin, 63 pp.
- Chiappone, M. and K. M. Sullivan. 1994. Ecological structure and dynamics of nearshore hard-bottom communities in the Florida Keys. *Bull. Mar. Sci.* 54(3):747-756.
- Chiappone, M. and K. M. Sullivan. Ecological structure and dynamics of nearshore hard-bottom communities of the Florida Keys. *Bull. Mar. Sci.* 54(3):747-756.
- Chiappone, M. and R. Sluka. 1996. Fishes and fisheries. Vol. 6. Site characterization of the Florida Keys National Marine Sanctuary and environs. The Nature Conservancy and Farley Court Publishers.
- Chiappone, M. and R. Sluka. 1996. Fishes and fisheries. Vol. 6. Site characterization of the Florida Keys National Marine Sanctuary and environs. The Nature Conservancy and Farley Court Publishers. 149 pp.
- Christensen, R.F. 1965. An ichthyological survey of Jupiter Inlet and Loxahatchee River, Florida. M.S. Thesis, Fla. St. Univ., Tallahassee, Florida: ii-viii, 1-318 pp.
- Christian, E.A. 1973. The effects of underwater explosions on swimbladder fish. Naval Ordnance Laboratory, White Oak, Silver Spring, Maryland, Laboratory Technical Report 73-103: 1-33.
- Christian, R. T. (ed.). 1994. *Proceedings of a Workshop on Special Management Zones and Their Application to Marine Fisheries Management*. SR #41, December 1994. Atlantic States Marine Fisheries Commission, Washington, DC. 75p.
- Christian, P. A., J. B. Rivers, M. V. Rawson, D. L. Harrington and L. G. Parker. 1985. Trawling off the Southeastern U.S. Coast. Georgia Sea Grant Marine Extension Bulletin No. 8, 28 pp.
- Cintron-Molero, G. 1992. Restoring mangrove systems, p. 223-278. In G. W. Thayer (ed.). Restoring the nation's marine environment. Maryland Sea Grant College Publication UM-SG-TS-92-06.
- Clamus, V.V., J.E. Dobson, R.L. Ferguson and K.D. Haddad. 1993. A coastal land cover classification system for the NOAA coastwatch change analysis project. *J. Coastal Research*
- Clark, A.M. 1976. Echinoderms of coral reefs. p.95-123. In: O.A. Jones and R. Endean (eds.) *Biology and geology of coral reefs*, Vol.III. Biology 2. Academic Press, New York.
- Claro, R. 1981. Ecología y ciclo de vida del pargo criollo *Lutjanus analis* (Cuvier), en la plataforma Cubana. *Acad. Cienc. Cuba Inform. Cient.-Tec.* 186:83 pp.
- Claro, R. (ed.) 1994. *Ecología de los peces marinos de Cuba*. Centro Invest. de Quintana Roo, Mexico.
- Claro, R. and J. P. García-Arteaga. 1994. pp. 321-402. Crecimiento. In: R. Claro, ed. *Ecología de los peces marinos de Cuba*. Centro de Investigaciones de Quintana Roo, Mexico.
- Cobb, Stephan P., Charles R. Futch, and David Camp. 1973. The Rock Shrimp, *Sicyonia brevirostris*, Stimpson, 1871 (Decapoda, Penaeidae). *Memoirs of the Hourglass Cruises*. Vol. III, Part I, February, 38 pp.
- Coen, L.D. and Luckenbach M. 1998. Developing success criteria and goals for evaluating shellfish habitat restoration: ecological function or resource exploitation? Goal Setting and Success Criteria for Habitat Restoration Conference, January 13-15, 1998, Charleston. Abstract.
- Colin, P. L. and I. E. Clavijo. 1988. Spawning activity of fishes producing pelagic eggs on a shelf edge coral reef, southwestern Puerto Rico. *Bull. Mar. Sci.* 43:249-279.

- Collins, M.R. and B.W. Stender. 1987. Larval king mackerel (*Scomberomorus cavalla*), Spanish mackerel (*S. maculatus*), and bluefish (*Pomatomus saltatrix*) off the southeast coast of the United States, 1973-1980. *Bull. Mar. Sci.* 41:822-834.
- Conover, J.T. and J. McN. Sieburth. 1964. Effects of *Sargassum* distribution on its epibiota and antibacterial activity. *Bot. Mar.* 6:147-157.
- Continental Shelf Associates. 1979. South Atlantic hard bottom study. Prepared for Bureau of Land Management. NTISPB-300 821. 356 p.
- Cooper, J.E., S.F. Wood, and R.A. Rulifson. 1994. Extent of water lily (*Nuphar lutea*) beds and their use by larval fishes in the Roanoke River, North Carolina. *The Journal of the Elisha Mitchell Scientific Society* 110(2):84-96.
- Coston-Clements, L., L.R. Settle, D.E. Hoss, and F.A. Cross. 1991. Utilization of the *Sargassum* habitat by marine invertebrates and vertebrates - a review. NOAA Tech. Memo. NMFS-SEFSC-296, 32 p.
- Couch, J. A. 1978. Diseases, parasites, and toxic responses of commercial penaeid shrimps of the Gulf of Mexico and south Atlantic coasts of North America. *Fish. Bull.* 76(1): 1-44.
- Courtenay, W. R., D. J. Herrema, M. J. Thompson, W. P. Azzinaro and J. van Montfrans. 1974. Ecological monitoring of beach erosion control projects, Broward County, Florida, and adjacent areas. USACOE Tech. Memo. 41, Coastal Engin. Res. Center. 88 pp.
- Courtenay, W. R., Jr., B. C. Hartig, and G. R. Loisel. 1980. Ecological evaluation of a beach nourishment project at Hallandale (Broward County), Florida. Misc. Rept. No. 80-1 (1). Coast. Eng. Res. Cent., ACOE 23 pp.
- Courtenay, W.R. Jr., H.L. Blakesley, J.K.Reed, and R.E. Waldner. 1975. Evironmenatl assessment of offshore reefs off Miami Beach, Dade County, Florida. Res.Rept. Submitted to the U.S. army Corps of Engineers, Jacksonville District Florida. 12pp.
- Cowardin, L. M., V. Carter, F. C. Golet, and E. T. LaRoe. 1979. Classification of wetlands and deepwater habitats of the United States. U. S. Fish and Wildlife Service, FWS/OBS - 79/31.
- Cowardin, L.M., V. Carter, F.C. Golet and E.T. LaRoe. 1979. Classification of wetlands and deepwater habitats of the United States. U.S. Fish and Wildlife Service, Office of Biological Services, Washington, D.C. FWS/OBS-79/31:1-131 (1992 edition).
- Cox, D.T. and H.L. Moody. 1981. Fisheries of the St. Johns River. Federal Aid in Fish Restoration, Project F-33. Florida Game and Fresh Water fish Commission, Tallahassee.
- Cox, D.T., H.L. Moody, E.D. Vosatka and L. Hartzog. 1976. Upper St. Johns Study, 1971-1976. Federal Aid to Fish Restoration, Project F-25. Florida Game and Fresh Water Fish Commission, Tallahassee.
- Craig, A.K. 1976. Trapping experiments with snappers in south Florida. In: A.C. Jones (ed) Proc. Colloq. Snapper-Grouper Fish Res. of West. Cntrl. Atl. Ocean, FL SG Rep. No. 17:222-236.
- Crawford, R.W. and C.F. Powers. 1953. Schooling of the orange filefish, *Alutera schoepfi*, in New York Bight. *Copeia* 1953:115-116.
- Criales, M.M. and McGowen, M.F. 1994. Horizontal and vertical distribution of penaeidean and caridean larvae and micronektonic shrimps in the Florida Keys. *Bull. Mar. Sci.* 54:843-856.
- Croker, R.A. 1960. A contribution to the life history of gray (mangrove) snapper, *Lutjanus griseus* (Linnaeus). MS thesis University of Miami, Coral Gabels, Florida.
- Croker, R.A. 1962. Growth of gray snapper, *Lutjanus griseus* , in the Everglades National Park. *Transactions of the American Fisheries Society* 91: 379-383.

8.0 References

- Cuellar, N., G. R. Sedberry, D. J. Machowski, and M. R. Collins. 1996. Species composition, distribution and trends in abundance of snappers of the southeastern USA, based on fishery-independent sampling. pp. 59-73 *In* F. Arreguín-Sánchez, J.L. Munro, M.C. Balgos, and D. Pauly (eds.). Biology, fisheries and culture of tropical groupers and snappers. ICLARM Conf. Proc. 48.
- Cummins, R., Jr. 1971. Calico scallops of the southeastern United States, 1959-69. NOAA Tech Rep. NMFS (Spec Sci. Rep. - Fish. Ser.) 627: 22p.
- Dadswell, M.J., B.D. Taubert, T.S. Squiers, D. Marchette and J. Buckley. 1984. Synopsis of biological data on shortnose sturgeon, *Acipenser brevirostrum* LeSueur 1818. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service. NOAA Technical Report NMFS 14:1-45.
- Dahl, T. E. 1990. Wetlands losses in the United States 1780's to 1980's. U.S. Department of Interior, Fish and Wildlife Service, Washington, D.C.
- Dahl, T. E., and C. E. Johnson. 1991. Wetlands status and trends in the coterminous United States, mid-1970s to mid-1980s. U.S. Department of Interior, Fish and Wildlife Service, Washington, D.C.
- Dahl, T.E. 1997. South Carolina's wetlands -- status and trends 1982 - 1989. U.S. Department of the Interior, U.S. Fish and Wildlife Service. Washington, D.C. Unpublished report.
- Dahl, T.E. 1990. Wetlands losses in the U.S. 1780's to 1980's. U.S. Department of the Interior, FWS, Washington, D.C. 21 pp.
- Dahl, T.E., C.E. Johnson, and W.E. Frazer. 1991. Wetlands --- Status and trends in the conterminous United States, mid-1970's to mid-1980's. Washington, D.C. U.S. Fish and Wildlife Service Report to Congress. 22 p. *In*: Fretwell, J.D., and J.S. Williams (eds.) National water summary on wetland resources. U.S. Geological Survey Water-Supply Paper 2425. pp. 161-166.
- Dame, R.F. and Dankers, N. 1988. Uptake and release of materials by a Wadden Sea mussel bed. *J. Exp. Mar. Biol. and Ecol.* 118:207-216.
- Dame, R.F., Spurrier, J.D. and Wolaver, T.G. 1989. Carbon, nitrogen, and phosphorus processing by an oyster reef. *Mar. Ecol. Prog. Ser.* 54:249-256.
- Daniel, C. 1981. Hydrology, geology, and soils of pocosins – a comparison of natural and altered systems. *In*: C. Richardson (ed). Pocosin Wetlands – An Integrated Analysis of Coastal Plain Freshwater Bogs in North Carolina, Hutchinson Ross, Stroudsburg, PA, pp. 69-108.
- Daniel, L.B. III. 1988. Aspects of the Biology of Juvenile Red Drum, *Sciaenops ocellatus* and Spotted Sea Trout, *Cynoscion nebulosus* (Pisces: Sciaenidae) in South Carolina. M.S. Thesis, College of Charleston, 58p.
- Darcy, GH. 1983. Synopsis of biological data on the grunts *Haemulon aurolineatum* and *H. plumieri* (Pisces: Haemulidae). NOAA Tech. Rep. NMFS Circ. 448.
- Davis, G., M. Brinson and J. Overton. 1985. The decline of submersed macrophytes in the Pamlico River Estuary: Report to the Water Resources Research Institute of the University of North Carolina and the Division of Environmental Management of the North Carolina Department of Natural Resources and Community Development. 18 pp.
- Davis, G.E. 1977. Anchor damage to a coral reef on the east coast of Florida. *Biol. Conserv.* 11: 29- 34.
- Davis, G.E. 1979. Pers. comm. Everglades National Park, P.O. Box 279, Homestead, Florida.
- Davis, G.J. and M.M. Brinson. 1976. The submerged macrophytes of the Pamlico River Estuary, North Carolina. University of North Carolina, Water Resources Research Institute, Report No. 112. Raleigh, NC.

- Davis, G.J. and M.M. Brinson. 1980. Responses of submerged vascular plant communities to environmental change. U.S. Fish and Wildlife Service, Washington, D.C. FWS/OBS-79/33. 69 pp.
- Davis, G.J., and M.M. Brinson. 1983. Trends in submersed macrophyte communities of the Currituck Sound: 1909-1979. *Journal of Aquatic Plant Management* 21:83-87
- Davis, J.R. and R.P. Cheek. 1966. Distribution, food habits, and growth of young clupeids, Cape Fear River system, North Carolina. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 20:250-259.
- Davis, W.P. 1967. Ecological interactions, comparative biology and evolutionary trends of thirteen pomadasyid fishes of Alligator Reef, Florida Keys.. PhD Thesis. Univ. of Miami, Coral Gables, Fl. 128p.
- Dawes, C.J., D. Hanisak, and W.J. Kenworthy. 1995. Seagrass biodiversity in the Indian River Lagoon. *Bull. Mar. Sci.* 57:59-66.
- Deason, E. 1983. Meiofauna of pelagic *Sargassum*. *Bermuda Biol. Sta. Spec. Publ.* 22:102- 113.
- den Hartog, C. 1970. *The Seagrasses of the World*. North-Holland Publishing Co., Amsterdam. 275 pp.
- den Hartog, C. 1971. The dynamic aspect in the ecology of seagrass communities. *Thalassia Jugoslavica.* 7:101-112.
- Dennis, G. D. 1992a. Resource utilization by members of a guild of benthic feeding coral reef fish. Ph.D. Dissertation. Univ. Puerto Rico, Mayaguez, Puerto Rico.
- Dennis, W.M. 1973. A synecological study of the Santee Swamp, Sumter County, South Carolina. MS Thesis, University of South Carolina, Columbia.
- Dennison, W. C., R. J. Orth, K. A. Moore, J. C. Stevenson, V. Carter, S. Kollar, P. W. Bergstrom, and R. A. Batiuk. 1993. Assessing water quality with submersed aquatic vegetation. *Bioscience* 43:86-94.
- Department of Commerce. 1988a. *Aquaculture and Capture Fisheries: Impacts in U.S.. Seafood Markets*. April, 1988. Report Prepared Pursuant To The National Aquaculture Improvement Act of 1985 (P.L. 99-198). U.S. DOC, NOAA, NMFS.
- Department of Commerce. 1988b. *Fisheries Grant-in-Aid 1987 Program Activities*. U.S. DOC, October 1988.
- Department of Commerce. 1988c. *Report of the Interagency Task Force on Persistent Marine Debris*. U.S. DOC, May 1988. 170 pp.
- Dodge, R. E., R. C. Aller and J. Thomson. 1974. Coral growth related to resuspension of bottom sediments. *Nature* 247:574-576.
- Deyrup M. and R. Franz (eds.). 1994. *Rare and endangered biota of Florida, Vol. IV Invertebrates*. University Press of Florida, Gainesville, 798pp.
- DiSalvo, L.H. 1973. Microbial Ecology. p.1-15, In: O.A. Jones and R. Endean (eds.) *Biology and Geology of coral reefs, Vol II. Biology 1*. Academic Press, New York.
- Dixon, R. L. 1975. Evidence for mesopelagic feeding by the vermilion snapper, *Rhomboplites aurorubens*. *J. Elisha Mitchell Sci. Soc.* 91:240-242.
- Dodrill, J., C. S. Manooch, III, and A. B. Manooch. 1993. Food and feeding behavior of adult snowy grouper, *Epinephelus niveatus* (Valenciennes) (Pisces: Serranidae), collected off the North Carolina coast with ecological notes on major food groups. *Brimleyana* 19:101-135.
- Domeier, M. L. and P. L. Colin. 1997. Tropical reef fish spawning aggregations: defined and reviewed. *Bull. Mar. Sci.* 60(3):698-726.
- Domeier, M. L., C. Koenig, and F. Coleman. 1996. Reproductive biology of the gray snapper (*Lutjanus griseus*), with notes on spawning for other Western Atlantic snappers

8.0 References

- (Lutjanidae). pp. 189-201 *In* F. Arreguín-Sánchez, J. L. Munro, M. C. Balgos, and D. Pauly (eds.). *Biology, fisheries and culture of tropical groupers and snappers*. ICLARM Conf. Proc. 48.
- Dooley, J. K. 1978. Systematics and biology of the tilefishes (Perciformes: Branchiostegidae and Malacanthidae), with description of two new species. NOAA Tech. Rep. NMFS 411. 78 p.
- Dooley, J.K. 1972. Fishes associated with the pelagic sargassum complex, with a discussion of the sargassum community. *Contrib. Mar. Sci.* 16:1-32.
- Drummond, S.B. 1969. Explorations for calico scallop, *Pecten gibbus*, in the area of Cape Kennedy, Florida, 1960-66. *Fish. Ind. Res.* 5:85-101.
- Duane, D. B. and E. P. Meisburger. 1969. Geomorphology and sediments of the nearshore continental shelf, Miami to Palm Beach, Florida. USACOE Coastal Engineering Center, Tech. Memo. No. 29. 47 pp.
- Duclaux, B. and F. Lafargue. 1973. madreporaires de Mediterranee Occidental: Recherche des zooxanthelles symbiotiques ; complements Morphologiques et Ecologiques. *Vie Millieu Ser. A* 23: 45-63.
- Durako, M. J., W.J. Kenworthy, S.M.R. Fatemy, H. Valavi, and G.W. Thayer. 1993. Assessment of the toxicity of Kuwait crude oil on the photosynthesis and respiration of seagrasses of the northern Gulf. *Mar. Poll. Bull.* 27:223-227.
- Durako, M.J., R.C. Phillips, and R.R. Lewis (eds.) 1987. *Proceedings of the Symposium on Subtropical-Tropical Seagrasses of the Southeastern United States*. FL. Mar. Res. Publ. 42.
- EDF and WWF. 1992. How wet is a wetland? The impacts of the proposed revisions to the federal wetlands delineation manual. 175 pp.
- Emery, A. R. 1978. The basis of fish community structure: marine and freshwater comparisons. *Environ. Biol. Fish.* 3:33 - 47.
- Endean, R. 1976. Destruction and recovery of coral reef communities. p.215-254, *In*: O.A. Jones and R.Endean (eds.) *biology and geology of corla reefs*, Vol, III. *Biology 2*. Academic Press, New York.
- Engel, D.W. 1998. Personal communication. NMFS Beaufort Laboratory, Beaufort, NC.
- Epperly, S. and S. Ross. 1986. Characterization of the North Carolina Pamlico-Albemarle estuarine complex. NOAA Technical Memo. NMFS-SEFC-175.
- Erdman, D.S. 1972. Inland game fishes of Puerto Rico. 2nd. ed. , P.R. Dept. of Agr. 4 (2) : 1-96.
- Erdman, R.B. 1990. Reproductive ecology and distribution of deep-sea crabs (Family Geryonidae) from southeast Florida and the eastern Gulf of Mexico. Ph.D. Dissertation, April 1990. University of South Florida, Tampa, Florida. 147 pp.
- Erickson, D. L., and G. D. Grossman. 1986. Reproductive demography of tilefish from the South Atlantic Bight with a test for the presence of protogynous hermaphroditism. *Trans. Am. Fish. Soc.* 115: 279-285.
- Etzold, D. J. and J. Y. Christmas. 1977. A comprehensive summary of the shrimp fishery of the Gulf of Mexico United States; a regional management plan. Gulf Coast Res. Lab. Tech. Rep. Ser. No. 2, Part 2. 20 pp.
- Evans, D.R., R. DiGuilio, and E. Ryan. 1984. Mercury in peat and its drainage waters in eastern North Carolina. UNC WRRI Report No. 218. 66 pp.
- Evermann, BW and MC Marsh. 1902. The fishes of Porto Rico. *US Comm. Fish. Bull.* 20(1900):1-350, 52 pls.
- Ewing, G. 1950. Slicks, surface films and internal waves. *J. Mar. Res.* 9:161-187.

- Fabry, V.J. and W.G. Deuser. 1991. Aragonite and magnesian calcite fluxes to the deep Sargasso Sea. *Deep-Sea Res.* 38:713-728.
- Facey, D.E. and M.J. Van Den Avyle. 1986. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (South Atlantic)--American shad. U.S. Fish and Wildlife Service Biological Report 82(11.45). U.S. Army Corps of Engineers, TR EL-82-4. 18 pp.
- Fahay, M.P. 1975. An annotated list of larval and juvenile fishes captured with surface towed net in the South Atlantic Bight during four RV Dolphin cruises between May 1967 and February 1968. NOAA Tech. Rep. NMFS SSRF-685. 39 p.
- Faller, A.J. and A.H. Woodcock. 1964. The spacing of windrows of sargassum in the
- Fay, C.W., R.J. Neves and G.B. Pardue. 1983. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (Mid-Atlantic)--alewife/blueback herring. U.S. Fish and Wildlife Service, Division of Biological Services, FWS/OBS-82/11.9. U.S. Army Corps of Engineers, TR EL-82-4. 25 pp.
- Feddem, H.A. 1979. Pers. comm. Tavernier, Florida.
- Fedoryako, B.I. 1980. The ichthyofauna of the surface waters of the Sargasso Sea southwest of Bermuda. *J. Ichthyol.* 20 (4):1-9.
- Fedoryako, B.I. 1989. A comparative characteristic of oceanic fish assemblages associated with floating debris. *J. Ichthyol.* 29(3):128-137.
- Ferguson, R.L. 1998. Personal communication. NMFS Beaufort Laboratory, Beaufort, NC.
- Ferguson, R.L. and L.L. Wood. 1994. Rooted vascular beds in the Albemarle Pamlico estuarine system. N.C. Department of Environment, Health and Natural Resources, Albemarle Pamlico Estuary Study, Raleigh, NC. Report No. 94-02. 122 pp.
- Fernando, C.M. 1966. Los peces marinos de Venezuela. Tomo I.[in Spanish]. Fundacion La Salle de Cienc. Nat., Caracas. Monografias 11, 12. 951 pp.
- Field, D.W., A.R. Reyer, P.V. Genovese, and B.D. Shearer. 1991. Coastal wetlands of the United States an accounting of a valuable national resource. A Special NOAA 20th Annivesary Report. U.S. Department of Commerce. Washington, D.C., 59 pp.
- Fine, M.L. 1970. Faunal variation on pelagic *Sargassum*. *Mar.Biol.* 7:112-122. Fish and Wildlife Service, Washington, D.C. FWS/OBS-79/33. 69 pp.
- Fischer, W. 1978. FAO species identification sheets for fishery purposes: Western Central Atlantic (fishing area 31). 7 vols. FAO, Rome.
- Fisher, D. and M. Oppenheimer. 1991. Atmospheric nitrogen deposition and the Chesapeake Bay. *Ambio* 20(3-4):102-108.
- Fletemeyer, J.R. 1978. Underwater tracking evidence of neonate loggerhead sea turtles seeking shelter in drifting *Sargassum*. *Copeia* 1978:148-149.
- Flournoy, P.H., S.G. Rogers and P.S. Crawford. 1992. Restoration of shortnose sturgeon in the Altamaha River, Georgia. Final Report AFS-2 to Georgia Department of Natural Resources, Brunswick, GA.
- Fonseca, M. S., W. Judson Kenworthy, and Gordon W. Thayer. 1992. Seagrass Beds: Nursery For Coastal Species. In: Richard H. Stroud (ed.), *Stemming the Tide of Coastal Fish Habitat Loss. Proceedings of a Symposium on Conservation of Coastal Fish Habitat*, Baltimore, Maryland, March 7-9, 1991. *Marine Recreational Fisheries* 14. Published by National Coalition for Marine Conservation, Inc., Savannah, Ga.
- Fonseca, M.S. 1992. Restoring seagrass systems in the United States. pp. 79-110. In: G.W. Thayer (ed.) *Restoring the nations marine environment*. Publ. UM-SG-TS-92-06.

8.0 References

- Fonseca, M.S. 1996. The role of seagrasses in nearshore sedimentary processes: a review. p. 261-286 In Roman, C., K. Nordstrom, Estuarine Shores: Hydrological, Geomorphological and Ecological Interactions. Wiley, New York.
- Fonseca, M.S., G.W. Thayer, and W.J. Kenworthy. 1987. The use of ecological data in the implementation and management of seagrass restorations. FL. Mar. Res. Publ. 42:175-188.
- Fonseca, M.S., G.W. Thayer., and A.J. Chester. 1984. Impact of scallop harvesting on eelgrass (*Zostera marina*) meadows: implications for management. North American Journal of Fisheries Management 4:286-293.
- Forrest, L.C., Jr. 1998. The drainage years at Lake Mattamuskeet. The Professional Engineer: the magazine of North Carolina Engineering. :9-13.
- Fourqurean J.W., Zieman J.C., Powell G.V.N. 1992a. Relationships between porewater nutrients and seagrasses in a subtropical carbonate environment. Mar. Biol. 114:57-65.
- Frankensteen, E.D. 1976. Genus *Alosa* in a channelized and an unchannelized creek of the Tar River basin, North Carolina. MA Thesis, East Carolina University, Greenville, NC.
- Frayer, W. E., T. J. Monahan, D. C. Bowden, and F. A. Graybill. 1983. Status and trends of wetlands and deepwater habitats in the coterminous United States: 1950's to 1970's. Department of Forest and Wood Sciences, Colorado State University, Ft. Collins, CO.
- Freeman, B. L., and S. C. Turner. 1977. Biological and fisheries data on tilefish, *Lopholatilus chamaeleonticeps*, Goode and Bean. National Marine Fisheries Service. Northeast Fisheries Center, Sandy Hook Laboratory, Highlands, NJ 07732. Technical Series Report 5. 41 p.
- Friedrich, M. 1969. Marine biology. Univ. Wash. Press, Seattle, WA. 474 p. (Translated by G. Vevers).
- Futch, C. R., and S. E. Dwinell. 1977. Nearshore marine ecology at Hutchinson Island, Florida: 1971-1974. IV. Lancelets and fishes. Fla. Mar. Res. Publ. No. 24. 23 pp.
- Gaidry, W. J. 1974. Correlations between inshore spring white shrimp population densities and offshore overwintering populations. La. Wildl. Fish. Comm. Tech. Bull. No. 12. 18 pp.
- Gaidry, W. J. and C. J. White. 1973. Investigations of commercially important penaeid shrimp in Louisiana estuaries. La. Wildl. Fish Comm. Tech. Bull. No. 8. 154 pp.
- Gallegos, C.L. and W.J. Kenworthy. 1996. Seagrass depth limits in the Indian River Lagoon (Florida, U.S.A.): Application of an optical water quality model. Estuar. Coast. Shelf Sci. 42:267-288.
- García-Arteaga, J. P. 1994. Edad y crecimiento del ronco arara, *Haemulon plumieri* (Lacepede) (Pisces: Haemulidae) en el Golfo de Batabano, Cuba. Cien. Biol., 26.
- García-Cagide, A., R. Claro, and B. V. Koshelev. 1994. Reproduccion. pp. 187-262. In: R. Claro, ed. Ecología de los peces marinos de Cuba. Centro de Investigaciones de Quintana Roo, Mexico.
- Garman, G.C. and L.A. Nielsen. 1992. Medium-sized rivers of the Atlantic Coastal Plain. pp. 315-349 In C.T. Hackney, S.M. Adams and W.H. Martin (eds.). Biodiversity of the Southeastern United States: aquatic communities. John Wiley and Sons, Inc., NY. 779 pp.
- Gasaway, R.D. 1973. Study of fish movements from tributary streams into the Suwannee River. Federal Aid in Fish Restoration, Project F-21-5, Study VI, Job 2. Georgia Game and Fish Commission, Atlanta.

- Geister, J., 1977. The influence of wave exposure on the ecological zonation of Caribbean coral reefs. Proc. 3rd. Int. Coral Reef Symp. 1: 23-29.
- Gibbs, R.M., Jr. and B.B. Collette. 1959. On the identification, distributions, and biology of the dolphins, *Coryphaena hippurus* and *C. equisetis*. Bull. Mar. Sci. 9:117-152.
- Gilbert, C.R. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (Mid-Atlantic Bight)--Atlantic and shortnose sturgeons. U.S. Fish and Wildlife Service Biological Report 82(11.122). U.S. Army Corps of Engineers TR EL-82-4. 28 pp.
- Gilmore, R. G., P. A. Hastings and D. J. Herrema. 1983. Ichthyofaunal additions to the Indian River lagoon and adjacent waters, east-central Florida. Fla. Sci. 46: 22-30.
- Gilmore, R. G., Jr. 1977. Fishes of the Indian River Lagoon and adjacent waters, Florida. Bull. Fl. St. Mus. Bio. Sci. 22(3):147 pp.
- Gilmore, R. G., Jr. 1992. Striped croaker, *Bairdiella sanctaeluciae*. pp. 218-222 In C. R. Gilbert, ed. Rare and Endangered Biota of Florida. University Press of Florida.
- Gilmore, R. G., Jr., and S. C. Snedaker. 1993. Mangrove Forests, p. 165-198. In W. H. Martin, Martin, S. G. Boyce and A. C. Echternacht. Biodiversity of the Southeastern United States/Lowland terrestrial communities Wiley and Sons, Inc.
- Gilmore, R.G. 1988. Subtropical seagrass fish communities: Population dynamics, species guilds and microhabitat associations in the Indian River Lagoon, Florida. Ph.D. Dissert. Fla. Inst. Technology, Melbourne: 199 pp.
- Gilmore, R.G., L.H. Bullock and F.H. Berry. 1978. Hypothermal mortality in marine fishes of south-central Florida January 1977. NE. Gulf Science, 2:77-97.
- Gladfelter, E.H., 1985. . Metabolism, calcification, and carbon production II. Organism-level studies. Proc. 5th Int. Coral Reef Symp. 4: 527-539.
- Goeden, G. B. 1982. Intensive fishing and a "keystone" predator species: ingredients for community instability. Biol. Conserv. 22:273-281.
- Goldberg, W. M. 1988. Biological effects of beach restoration in south Florida: the good, the bad and the ugly. Proc. 1988 Fla. Shore and Beach Preserv. Assn. Gainesville, Florida.
- Goldberg, W.M. 1973a. The ecology of the coral-octocoral communities off the southeast Florida coast: Geomorphology, species composition and zonation. Bulletin Marine Science 23:465-488.
- Goldberg, W.M. 1973b. Ecological aspects of the salinity and temperature tolerances of some reef-dwelling gorgonians from Florida. Caribbean Journal of Science 13(3-4) : 173-177.
- Goldman B. and F.H. Talbot. 1976. Aspects of the ecology of coral reef fishes. p.125-154. In: O.A. Jones and R. Endean (eds.) Biology and Geology of coral reefs, Vol. III. Biology 2. Academic Press, New York.
- Goreau, T.F. and J.W. Wells. 1967. The shallow-water Scleractinia of Jamaica. Revised list of species and their vertical distribution range. Bulletin Marine Science 17: 442-453.
- Goreau, T.J. 1990a. Coral bleaching in Jamaica. Nature. 343:417.
- Goreau, T.J. 1990b. Untitled. Testimony to the U.S. Senate hearing on Coral Reef Bleaching. October 11.
- Gorelova, T.A. and B.I. Fedoryako. 1986. Trophic and trophic relationships of fishes associated with drifting sargassum algae. J. Ichthyol. 26(2):63-72.
- Gosselink, J. G. 1980. Tidal marshes - the boundary between land and ocean. U. S. Fish and Wildlife Service, FWS/OBS - 80/15.
- Gosselink, J. G., E. P. Odum, and R. M. Pope. 1974. The value of the tidal marsh. Louisiana Sea Grant, LSU-SG-74-03.

8.0 References

- Govoni, J.J. 1993. Flux of larval fishes across frontal boundaries: examples from the Mississippi River plume front and the western Gulf Stream front. *Bull. Mar. Sci.* 53:538-566.
- Govoni, J.J. and H.L. Spach. Exchange and flux of larval fishes across the western Gulf Stream front south of Cape Hatteras, USA, in the winter. *Fish. Oceanogr.* (Submitted).
- Gregory, J., R. Skaggs, R. Broadhead, R. Culbreath, J. Bailey and T. Foutz. 1984. Hydrology and water quality impacts of peat mining in North Carolina. WRRRI Report 214. 215 pp.
- Grice, G.D. 1951. Observations on *Polydora* (mudworm) in South Carolina oysters. Contributions of Bears Bluff Laboratories No. 11. Wadmalaw Island, SC 8pp.
- Grigg, R.W., and D. Epp. 1989. Critical depth for survival of coral islands: Effects on the Hawaiian Archipelago. *Science* 243:638-641.
- Grimes, C. B. 1976. Certain aspects of the life history of the vermilion snapper, *Rhomboplites aurorubens* (Curvier) from North and South Carolina waters. Ph.D. thesis. Univ. NC, Chapel Hill. 239 p.
- Grimes, C. B. 1978. Age, growth, and length-weight relationship of vermilion snapper, *Rhomboplites aurorubens* from North Carolina and South Carolina waters. *Trans. Am. Fish. Soc.* 107: 454-456.
- Grimes, C. B. 1979. Diet and feeding ecology of the vermilion snapper, *Rhomboplites aurorubens* (Cuvier) from North Carolina and South Carolina waters. *Bull. Mar. Sci.* 29:53-61.
- Grimes, C. B. 1987. Reproductive biology of the Lutjanidae: a review. pp. 239-294. In: J. J. Polovina and S. Ralston eds. *Tropical snappers and groupers: biology and fisheries management*. Westview Press, Boulder, CO. 659 pp.
- Grimes, C. B., C. F. Idelberger, K. W. Able, and S. C. Turner. 1988. The reproductive biology of the tilefish, *Lopholatilus chamaeleonticeps*, Goode and Bean, from the U.S. Mid Atlantic Bight, and the effects of fishing on the breeding system. *Fish. Bull., U.S.* 86: 745-762.
- Grimes, C. B., K. W. Able, and R. S. Jones. 1986. Tilefish, *Lopholatilus chamaeleonticeps*, habitat, behavior, and community structure in mid Atlantic and southern New England waters. *Environ. Biol. Fish.* 15: 273-292.
- Grimes, C.B., C.S. Manooch, III, and G.R. Huntsman. 1982. Reef and rock outcropping fishes of the outer Continental Shelf of North Carolina and South Carolina, and ecological notes on the red porgy and vermilion snapper. *Bull. Mar. Sci.*, 32:277-289.
- Grizzle, J. M. 1983. Histopathology of fishes in relation to drilling operations near Flower Garden Banks. Vol. II. In: *Ecological effects of energy development on reef fish, ichthyoplankton and benthos populations in the Flower Garden Banks of the northwestern Gulf of Mexico, 1980-1982. A Final Report to EPA, EPA-79-D-X0514*, 131 pp.
- Gunter, G. 1961. Habitat of juvenile shrimp (Family Penaeidae). *Ecology* 42:593-600.
- Gunter, G. 1942. A list of the fishes of the mainland of North and Middle America recorded from both freshwater and seawater. *Amer. Midl. Nat.* 28 (2) : 305-326.
- Gunter, G. 1957. Predominance of the young among marine fishes found in freshwaters. *Copeia* 1957 (1) :13-16.
- Gunter, G., J. Y. Christmas, and R. Killebrew. 1964. Some relations of salinity to population distributions of motile estuarine organisms, with special reference to Penaeid shrimp. *Ecology* 45:181-185.
- Gutherz, E.J., W.R. Nelson, R.S. Jones, C.A. Barans, C.A. Wenner, and G.M. Russell. 1995. Population estimates of deep-water finfish species based on submersible observations and intensive fishing efforts off Charleston, SC. NOAA Tech. Memo. NMFS-SEFSC-365.

- Hacker, S.D. and L.P. Madin. 1991. Why habitat architecture and color are important to shrimps living in pelagic *Sargassum*: Use of camouflage and plant-part mimicry. *Mar. Ecol. Prog. Ser.* 70:143-155.
- Hackney, C. T., M. H. Posey, S. W. Ross, and A. R. Norris. 1996. A review and synthesis of data on surf zone fishes and invertebrates in the south Atlantic Bight and the potential impacts from beach renourishment. Rept. U. S. Army Corps of Engineers, Wilmington District, Wilmington, N.C.
- Hackney, C.T., S.M. Adams and W.H. Martin. 1992. Biodiversity of the Southeastern United States: aquatic communities. John Wiley & Sons, Inc., NY. 779 pp.
- Hall, W.J., T.I.J. Smith and S.D. Lamprecht. 1991. Movements and habitats of shortnose suture Acipenser brevirostrum in the Savannah River. *Copeia* (3):695-702.
- Halvorsen, K. L. 1994. Recruitment of larval snappers (Pisces: Lutjanidae) in Exuma Sound, Bahamas. M. S. Thesis. Florida Institute of Technology.
- Haney, J.C. 1986. Seabird patchiness in tropical oceanic waters: The influence of *Sargassum* "reefs". *Auk* 103:141-151.
- Haney, J.C. 1987. Aspects of the ecology and behavior of the black-capped petrel *Pterodroma hasitata*. *Wilson Bull.* 99:153-168.
- Hanisak, M.D. and M.A. Samuel. 1984. The effect of major environmental factors on the growth of *Sargassum* spp. From Florida. *J. Phycol.* 20:12. (Abstract).
- Hanisak, M.D. and M.A. Samuel. 1987. Growth rates in culture of several species of *Sargassum* from Florida, USA. *Hydrobiologia* 151/152:399-404.
- Hanson, R.B. 1977. Pelagic *Sargassum* community metabolism - carbon and nitrogen. *J. Exper. Mar. Biol. Ecol.* 29:107-118.
- Hardy Jr. , J.D. 1978a. Development of the fishes of the Mid-Atlantic Bight, an atlas of egg, larval, and juvenile stages, vol.II. Anguillidae through Sygnathidae. FWS / OBS - 78/12: 458.
- Hardy, J.D., Jr. 1978b. Development of fishes of the mid-Atlantic bight, Vol. III, Aphredoderidae through Rachycentridae. U.S. Fish Wildlife Ser. F.W.S./OBA 78/12. pp. 106-112.
- Harris, C. D. 1974. Observations on the white shrimp (*Penaeus setiferus*) in Georgia. Ga. Dept. Nat. Resour. Contrib. Ser. No. 27. 54 pp.
- Harris, M. J. and G. D. Grossman. 1985. Growth, mortality, and age composition of a lightly exploited tilefish substock off Georgia. *Trans. Am. Fish. Soc.* 114:837-846.
- Harwood, J.E. 1976. Rooted macrophyte density, depth and distance from shore. In G.J. Davis and M.M. Brinson. The submersed macrophytes of the Pamlico River Estuary, North Carolina. University of North Carolina, Water Resources Research Institute. Report 112:15-33.
- Haven D. And Morales-Alamo, R. 1970. Filtration of particles from suspension by the American oyster, *Crassostrea virginica*. *Biological Bulletin* 139:248-264.
- Hay, M. E. and J. P. Sutherland. 1988. The ecology of rubble structures of the South Atlantic Bight: a community profile. USFWS Biol. Rept. 85(7.20) 67 pp.
- Hay, M.E. and W. Fenical. 1988. Marine plant - herbivore interactions: the ecology of chemical defense. *Ann. Rev. Ecol. Syst.* 19:111-145.
- Hay, M.E., P.E. Renaud and W. Fenical. 1988. Large mobile versus small sedentary herbivores and their resistance to seaweed chemical defenses. *Oecologia* 75:246-252.
- Hefner, J.M., B.O. Wilen, T.E. Dahl, and W.E. Frayer. 1994. Southeast wetlands --- Status and trends, mid-1970's to mid-1980's: Atlanta, Georgia, U.S. Fish and Wildlife Service. 32 p.

8.0 References

- Heibling, R. 1981. pers. comm. Florida Department of Environmental Regulation, Marathon, Florida.
- Helfman, G. S., J. L. Meyer, and W. N. McFarland. 1982. The ontogeny of twilight migration patterns in grunts (Pisces: Haemulidae). *Anim. Behav.* 30:317-326.
- Helfman, G.S. 1981. The advantage to fishes of hovering in shade. *Copeia* 1981:392-400.
- Helfrich, P. and S.J. Townsley. 1965. Influence of the sea. p.39-56. In: F.R. Fosberg (eds.) *Man's place in the islands of ecosystem*. 10th. Pacific Science Congress (1961) Bishop Museum Press, Honolulu.
- Henry, V.J., and R.T. Giles. 1979. Distribution and occurrence of reefs and hardgrounds in the Georgia bight. Chapter 8 In U.S. Geological Survey, Office of Marine Geology. South Atlantic OCS geological studies, Final Report. NTISPB 330820.
- Herrema, D. J. 1974. Marine and brackish water fishes of southern Palm Beach and northern Broward counties. M.S. thesis, Florida Atlantic Univ., Boca Raton, FL. 163 pp.
- Herrnkind, W. F., M. J. Butler IV, and R. A. Tankersley. 1988. The effects of siltation on recruitment of spiny lobsters, *Panulirus argus*. *Fish. Bull. U. S.* 86(2):331-338 pp.
- Hettler, W. F., Jr. 1989. Food habits of juveniles of spotted sea trout and gray snapper in western Florida Bay. *Bull. Mar. Sci.*
- Hildebrand, S.F. and W.C. Schroeder. 1928. Fishes of the Chesapeake Bay. *Bull. U.S. Bur. Fish.* 43(1):276-278.
- Hill, J., J.W. Evans and M.J. Van Den Avyle. 1989. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (South Atlantic)--striped bass. U.S. Fish and Wildlife Service Biological Report 82(11.118). U.S. Army Corps of Engineers TR EL-82-4. 35 pp.
- Hines, A.H. 1990. Fecundity and reproductive output in *Chaceon fenneri* and *C. quinquegens*. Pages 12-13 In: Lindberg, W.J. and E.L. Wenner (eds.). 1990. Geryonid Crabs and Associated Continental Slope Fauna: A Research Workshop Report. SC Sea Grant Consortium and FL Sea Grant College Program. FL SG Technical Paper 58: 61 pp.
- Hirosaki, Y. 1960a. Observations and experiments on behavior of fishes toward floating objects in aquarium (preliminary report). *J. Fac. Sci. Hokkaido Univ. Ser. VI, Zool.* 14:320-327.
- Hirosaki, Y. 1960b. Some ecological observations on fishes in Sagami Bay appearing together with drifting sea weeds. *J. Fac. Sci. Hakkaido Univ. Ser. VI, Zool.* 14:435-443.
- Hocutt, C.H., R.E. Jenkins and J.R. Stauffer. 1986. Zoogeography of the fishes of the Central Appalachians and Central Atlantic Coastal Plain. In C.H. Hocutt and E.O. Wiley (eds.), *The Zoogeography of North American Freshwater Fishes*. New York, Wiley.
- Hoese, H. D. and R. H. Moore. 1977. Fishes of the Gulf of Mexico: Texas, Louisiana, and adjacent waters. Texas A & M University Press, College Station, Texas. 327 pp.
- Hoffmeister, J. E. 1974. Land from the sea: the geologic story of South Florida. University of Miami Press, Coral Gables, FL. 143 pp.
- Holland, A.F., G.H.M. Riekerk, S.B. Lerberg, L.E. Zimmerman, D.M. Sanger, G.I. Scott, and M.H. Fulton. 1996. Assessment of the impact of watershed development on the nursery functions of tidal creek habitats. *In*: G.S. Kleppel and M. R. DeVoe (eds). *The South Atlantic Bight land use - coastal ecosystem study (LU-CES) Report of a planning workshop*. Univ. GA Sea Grant Program and S.C. Sea Grant Program. pp 28-31.
- Holland, J. 1998. Personal communication. Georgia Waterman's Association.
- Holt, J. and C. Arnold. 1983. Effects of ammonia and nitrite on growth and survival of red drum eggs and larvae. *Trans Am. Fish. Soc.* 112:314-318.

- Hopkins, S.H. 1956. The boring sponges which attack South Carolina oysters, with notes on some associated organisms. Contributions of Bears Bluff Laboratories, No. 23. Wadmalaw Island, SC 30pp.
- Hopkins, T.S., D.R. Blizzard, S.A. Brawley, S.A. Earle, D.E. Grimm, D.K. Gilbert, P.G. Johnson, E.H. Livingston, C.H. Lutz, J.K. Shaw and B.B. Shaw. 1977. A preliminary characterization of the biotic components of composite strip transects on the Florida Middle Grounds, northeastern Gulf of Mexico. In: Proc. Third Int'l. Coral Reef Symposium, Miami, Florida. May, 1977. 1:31-37.
- Hoss, D. E. and G. W. Thayer. 1993. The importance of habitat to the early life history of estuarine dependent fish. American Fisheries Society Symposium 14: 147-158.
- Hoss, D.E. and D.W. Engel. 1996. Sustainable development in the southeastern coastal zone: Environmental impact on fisheries. P. 171-186. In: F.J. Vernberg, W.B. Vernberg, and T. Siewicki (eds). *Sustainable Development in the Southeastern Coastal Zone*. University of South Carolina Press, Columbia.
- Hoss, D.E. and L.R. Settle. 1990. Ingestion of plastics by teleost fishes, p. 693-709. In R.S. Shomura and M.L. Godfrey (eds). Proceedings of the Second International Conference on Marine Debris. NOAA Technical Memorandum. NOAA-TM-NMFS-SWFSC-154. Miami, Florida.
- Howard, K.L. and R.J. Menzies. 1969. Distribution and production of *Sargassum* in the waters off the Carolina coast. Bot. Mar. 12:244-254.
- Hoyt, W.D. 1918. Marine algae of Beaufort, N.C., and adjacent regions. Bull. U.S. Bureau Fish. 36:367-560.
- Hughes, J. 1996. Managed pine forests in coastal North Carolina: a water quality solution? From: Solutions: a technical conference on water quality," March 1996, NC State University, 5 pp.
- Hulings, N.C. 1961. The barnacle and decapod fauna from the nearshore area of Panama City, Florida. Quart. Jour. Fla. Acad. Sci. 24(3): 215-222.
- Humm, H.J. 1951. The seaweed resources of North Carolina. In H.F. Taylor (ed.) Survey of marine fisheries of North Carolina. Univ. N.C. Press, Chapel Hill, NC., p. 231-250.
- Humm, H.J. 1979. The marine algae of Virginia. Va. Inst. Mar. Sci., Spec. Pap. Mar. Sci. No.3.
- Hunt, J. H. and W.G. Lyons. 1985. Comparisons of catch rate and size frequency of spiny lobsters. *Panulirus argus*, captured in standard traps and traps with escape gaps. Unpublished Manuscript. FDNR, MRL. 100 Eighth Avenue. S.E., St. Petersburg, Florida 33701.
- Hunt, J., R. Carroll, V. Chinchilli and D. Frankenburg. 1980. Relationship between environmental factors and brown shrimp production in Pamlico Sound, North Carolina. Special Scientific Report 33, UNC Marine Sciences Program. 29 pp.
- Hunt, J.L., Jr. 1974. The geology of Gray's Reef, Georgia continental shelf. M.S. thesis, Univ. Georgia, Athens, 83 p.
- Hunter, J.R., and C.T. Mitchell. 1967. Association of fishes with flotsam in the offshore waters of Central America. Fish. Bull. 66:13-29.
- Hunter, J.R., and C.T. Mitchell. 1968. Field experiments on the attraction of pelagic fish to floating objects. J. Cons. perm. int. Explor. Mer. 31:427-434.
- Huntsman, G.R. 1984. Offshore headboat fishing in North Carolina and South Carolina. Marine Fisheries Review.

8.0 References

- Huntsman, G. R., and R. L. Dixon. 1976. Recreational catches of four species of groupers in the Carolina headboat fishery. Proc. Southeast Assoc. Game Fish Comm. 29th Annu. Conf. October 1975: 185-194.
- Huntsman, G.R., and C.S. Manooch, III. 1978. Coastal pelagic and reef fishes in the South Atlantic Bight. Pages 97-106 In H. Clepper (ed.) Marine recreational fisheries 3. Sport Fishing Institute, Washington, D.C.
- Huntsman, G.R., and I.G. MacIntyre. 1971. Tropical coral patches in Onslow Bay. Underwater Naturalist, 7:32-34.
- Hurka, M. 1971. Factors influencing the gas composition in the vesicles of *Sargassum*. Mar. Biol. 11:82-89.
- Hurley, R.J., V.B. Siegler and L.K.Fink, Jr. , 1962. Bathymetry of the Straits of Florida and the Bahamian Islands. Part 1: Northern Straits of Florida . Bulletin Marine Science Gulf and Carribean 12: 313-321.
- Ida, H., Y. Hiyama, and T. Kusaka. 1967a. Study on fishes around floating seaweed I. abundance and composition. Bull. Jap. Soc. Sci. Fish. 33:923-929.
- Ida, H., Y. Hiyama, and T. Kusaka. 1967b. Study on fishes around floating seaweed II. feeding behavior and habit. Bull. Jap. Soc. Sci. Fish. 33:930-936.
- Jaap, W.C. , P. Hallock, 1990. Coral reefs. Pp. 574-616 in R.L. Meyers and J.j. Ewel (eds.). Ecosystems of Florida. Univ. of Central Florida Press, Orlando.
- Jaap, W.C. 1984. The ecology of south Florida coral reefs: a community profile. U.S. and Wildl Serv. FWS/OBS-82/08. 138 pp.
- Jaap, W.C. and J. Wheaton-Smith. 1974. Observations on Florida reef corals treated with fish collecting chemicals. M.L. Stursa (ed.) Florida Keys coral Workshop. University of Miami, Miami, Florida. October 21 -22, 1974.
- Jaap, W.C. and J. Wheaton-Smith. 1975. Observations on Florida reef corals treated with fish collecting chemicals. Florida Department of Natural Resources, Florida Marine Research Publ. 10:1-18.
- Jaap, W.C., 1984. The ecology of south Florida coral reefs: a community profile. U.S. Fish Wildl. Serv. FWS/OBS-82/08. 138 pp.
- Jaap, W.C., P. Hallock, 1990. Coral reefs. Pp. 574-616 in R.L. Myers and J.J. Ewel (eds). Ecosystems of Florida. Univ. of Central Florida Press, Orlando.
- Jaap, W.C., W.G. Lyons, P. Dustan, J.C. Halas, 1989. Stony coral (Scleractinia and Milleporina) community structure at Bird Key Reef, Ft. Jefferson National Monument, Dry Tortugas, Florida.
- Jaap, W.C., W.G. Lyons, P. Dustan, J.C. Halas, 1989. Stony coral (Scleractinia and Milleporina) community structure at bird key reef , Ft. Jefferson National Monument, Dry Tortugas, Florida.
- James, N.P. 1977. The deep and the Past. In: Proc. Third Int'l.Coral Reef Symposium , Miami,Florida. May 1977. 2: xxv - xxvii.
- Janowitz, G.S. and L.J. Pietrafesa. 1982. The effects of alongshore variation in bottom topography on a boundary current - topographically induced upwelling. Cont. Shelf Res. 1:123-141.
- Johannes, R. E. 1978. Reproductive strategies of coastal marine fishes in the tropics. Environ. Biol. Fishes 3:741-760.
- Johannes, R.E. 1975. Pollution and degradation of coral reef communities. 181p., In: E.J.F. Wood and R.E. Johannes (eds.) Tropical marine pollution. Elsevier Oceanography Series , 12.Elsevier Scientific Publishing Company, New York.

- Johnson D.L. and P.L. Richardson. 1977. On the wind-induced sinking of *Sargassum*. J. Exp. Mar. Biol. Ecol. 28:255-267. Journal of Aquatic Plant Management 21:83-87.
- Johnson, D.R. and N.A. Funicelli. 1989. Estuarine Spawning of the red drum in Mosquito Lagoon on the east coast of Florida Draft manuscript. National Fisheries Research Center - Gainesville, Florida, 25pp.
- Johnson, G.D.. 1978. Development of fishes of the mid-Atlantic Bight, an atlas of egg, larval and juvenile stages. Vol. IV. Carangidae through Ephippidae. US Fish and Wildlife Biological Service Program FWS/OBS-72/12: 31 1.
- Johnston, J.B. 1976. Bureau of Land Management geophysical biological survey requirements - Gulf of Mexico and South Atlantic. 12pp., In: Proc. of Seafloor Engineering "Hands - on" seminar. 29 March to 1 April 1976, New Orleans. Sponsored by harvey- Lynch, Inc.
- Joyce, E. A., Jr., 1965. The commercial shrimps of the northeast coast of Florida. Fla. Board Conserv. Mar. Lab. Prof. Pap. Ser 6. 224 pp.
- Kahn, J.R. 1985. The functional relationship between economic damages and the loss of submerged aquatic vegetation in Chesapeake Bay. Estuaries 8:52A.
- Kahnle, A.W., K.A. Hattala, K.A. McKown, C.A. Shirey, M.R. Collins, T.S. Squiers, Jr., and T. Savoy. 1998. Draft II: stock status of Atlantic sturgeon of Atlantic Coast estuaries. Atlantic States Marine Fisheries Commission, Washington, D.C. 141 pp.
- Keener, P. 1984. Age, growth, and reproductive biology of the yellowedge grouper, *Epinephelus flavolimbatus*, off the coast of South Carolina. M.S. thesis, College of Charleston, Charleston. 21 p.
- Keiser, R.K. 1976. Distribution of Rock Shrimp (*Sicyonia brevirostris*) in Coastal Waters of the Southeastern United States. SCMRRI. 19 pp.
- Keith, W.J. and R.C. Gracy. 1972. History of the South Carolina oyster. South Carolina Marine Resources Center Educational Report No. 1. Charleston. 19pp.
- Kelley, G.H. 1990. A review of fish trapping. A non-thesis option paper submitted in partial fulfillment of the requirements for the degree of Master of Science in Ocean Science with a speciality in: Marine Biology. Nova University, 61+ pp.
- Kendall, D. 1990. An assessment of the Georgia golden crab fishery. Pages 18-19 In: Lindberg, W.J. and E.L. Wenner (eds.). 1990. Geryonid Crabs and Associated Continental Slope Fauna: A Research Workshop Report. SC Sea Grant Consortium and FL Sea Grant College Program. FL SG Technical Paper 58: 61 pp.
- Kennedy, F.S., J.J. Crane, R.A. Schlieder, and D.G. Barber. 1977. Studies of the Rock Shrimp, *Sicyonia Brevirostris*. a New Fishery Resource on Florida's Atlantic Shelf. Florida Marine Research Publications, Florida Department of Natural Resources, Marine Research Laboratory 100 Eighth Avenue S.E., St. Petersburg, Florida 33701-5095. Number 27, June, 69 pp.
- Kenworthy, W.J. and D.E. Haunert. 1991. The light requirements of seagrasses. Proceedings of a workshop to examine the capabilities of water quality criteria, standards, and monitoring programs to protect seagrasses. National Oceanic and Atmospheric Administration Technical Memorandum NMFS-SEFC-287.
- Kenworthy, W.J. and G.W. Thayer 1984. Production and decomposition of the roots and rhizomes of seagrasses, *Zostera marina* and *Thalassia testudinum*, in temperate and subtropical marine ecosystems. Bull. Mar. Sci. 5:365-379.
- Kenworthy, W.J. and M.S. Fonseca. 1996. Light Requirements of Seagrasses *Halodule wrightii* and *Syringodium filiforme* derived from the relationship between diffuse light attenuation and maximum depth distribution. Estuaries 19:740-750.

8.0 References

- Kenworthy, W.J. and M.S. Fonseca. 1996. Light Requirements of Seagrasses *Halodule wrightii* and *Syringodium filiforme* derived from the relationship between diffuse light attenuation and maximum depth distribution. *Estuaries* 19:740-750.
- Kenworthy, W.J., C.A. Currin, M.S. Fonseca, and G. Smith. 1989. Production, decomposition, and heterotrophic utilization of the seagrass *Halophila decipiens* in a submarine canyon.
- Kenworthy, W.J., J. C. Zieman, and G.W. Thayer. 1982. Evidence for the influence of seagrasses on the benthic nitrogen cycle in a coastal plain estuary near Beaufort, North Carolina (USA). *Oecologica* 54:152-158.
- Kenworthy, W.J., M.J. Durako, S.M.R. Fatemy, H. Valavi, and G.W. Thayer. 1993. Ecology of seagrasses in Northeastern Saudi Arabia one year after the Gulf War oil spill. *Mar. Poll. bull.* 27:213-222.
- Kilby, J.D. 1955. The fishes of two Gulf coastal marsh areas of Florida. *Tulane Stud. Zool.* 2 (8) : 175-247.
- Kilby, J.D. and D.K. Caldwell. 1955. A list of the fishes from the southern tip of the Florida peninsula. *QJ. Fl. Acad. Sci.* 18 (3): 195-206.
- Kingsford, M.J. 1990. Linear oceanographic features: a focus for research on recruitment processes. *Aust. J. Ecol.* 15:391-401.
- Kingsford, M.J. 1992. Drift algae and small fish in coastal waters of northeastern New Zealand. *Mar. Ecol. Prog. Ser.* 80:41-55.
- Kingsford, M.J. and Choat. 1985. Influence of surface slicks on the distribution and onshore movements of small fish. *Mar. Biol.* 91:161-171.
- Kingsford, M.J. and M.J. Milicich. 1987. Presettlement phase of *Parika seaber* (Pisces: Monacanthidae): a temperate reef fish. *Mar. Ecol. Prog. Ser.* 36:65-79.
- Kinsey, D.W., 1985. Metabolism, calcification,, and carbon production I. System level studies. *Proc. 5th Int. Coral Reef Symp.* 4: 505-526.
- Kirtley, D. W. and W. F. Tanner. 1968. Sabellariid worms: builders of a major reef type. *J. Sed. Petrol.* 38(1):73-78.
- Kissling, D.L. 1965. Coral distribution in Spanish Harbor in Florida Keys . *bulletin Marine Science* 15: 599-611.
- Klauda, R.J., S.A. Fischer, L.W. Hall, Jr. and J.A. Sullivan. 1991. American shad and hickory shad. Pp. 9-1 through 9-27 In S.L. Funderburk, J.A. Mihursky, S.J. Jordan and D. Riley, eds. *Habitat Requirements for Chesapeake Bay Living Resources. Second Edition.* U.S. Environmental Protection Agency, Chesapeake Bay Program, Annapolis, MD.
- Kohlmeyer, J. 1971. Fungi from the Sargasso Sea. *Mar. Biol.* 8:344-350.
- Kojima, S. 1966. Studies on fishing conditions of the dolphin, *Coryphaena hippurus*, in the western regions of the Sea of Japan - XI. School of dolphins accompanying various kinds of flotages. *Bull. Jap. Soc. Sci. Fish.* 32:647-651.
- Kulczycki, G.R., R.W. Virnstein, and W.G. Nelson. 1981. The relationship between fish abundance and algal biomass in a seagrass-drift algae community. *Estuar. Coast. Shelf Sci.* 12:341-347.
- Kusler, J., and M. Kentula (eds.). 1989. *Wetland creation and restoration: The status of the science.* U. S. Environmental Protection Agency, EPA 600/3-89/038a,b.
- Labisky, R. F., W. H. Murdich, and D. R. Gregory, Jr.. 1983. Population biology of blueline tilefish in the lower Florida keys. *J. FL Agric. Exp. Stn. Gainesville.* 25 p.
- Laney, R. W. 1973. A comparison of the critical thermal maxima of juvenile brown shrimp (*Penaeus aztecus* Ives) and white shrimp (*Penaeus setiferus* Linnaeus). M.S. Thesis. No. Carolina State Univ., Raleigh, N.C. 63 pp.

- Laney, R. W. 1997. The relationship of submerged aquatic vegetation (SAV) ecological value to species managed by the Atlantic States Marine Fisheries Commission (ASMFC): Summary for the ASMFC SAV Subcommittee. ASMFC Habitat Management Series #1. pp 11-35.
- Lang, J. 1970. Inter-specific aggression within the scleractinian reef corals. Doctoral Dissertation, Yale University. 80pp.
- Langmuir, I. 1938. Surface motion of water induced by wind. *Science* 87:119-123.
- Lapointe, B.E. 1986. Phosphorus-limited photosynthesis and growth of *Sargassum natans* and *Sargassum fluitans* (Phaeophyceae) in the western North Atlantic. *Deep-Sea Res.* 33:391-399.
- Lapointe, B.E. 1995. A comparison of nutrient-limited productivity in *Sargassum natans* from neritic vs. Oceanic waters of the western North Atlantic Ocean. *Limnol. Oceanogr.* 40:625-633.
- Larkum, A.W.D., A.J. McComb and S.A. Shepard. 1989. Biology of seagrasses: a treatise on the biology of seagrasses with special reference to the Australian region. Elsevier, Amsterdam. 841 pp.
- Larkum, A.W.D., and K.Koop, 1997. Encore, algal productivity and possible paradigm shifts. *Proc. 8th. Int. Coral Reef Symp.* 1: 881-884.
- Lassuy, D. R. 1983. Species profiles: life histories and environmental requirements (Gulf of Mexico). Brown shrimp. U.S. Fish Wildl. Serv. FWS/OBS-82/11.1. 15 pp.
- Lee, D.S., C.R. Gilbert, C.H. Hocutt, R.E. Jenkins, D.E. McAllister and J.R. Stauffer, Jr. 1980 et seq. Atlas of North American freshwater fishes. NC State Museum of Natural History, Raleigh, NC. Publication 1980-12 of the NC Biological Survey. 867 pp.
- Lee, T.N. and J.B. McGuire. 1972. An analysis of marine waste disposal in southeast Florida's coastal waters. *Adv. Water Pollution Research* 6: 865-878.
- Lee, T.N., Clarke, M.E., Williams, E., Szmant, A.F., Berger, T. 1994. Evolution of the Tortugas Gyre and its influence on recruitment in the Florida Keys. *Bull. Mar. Sci.* 54:621-646.
- Lee, T.N., Rooth, C., Williams, E., McGowan, M., Szmant, A.F., Clarke, M.E. 1992. Influence of Florida Current, gyres and wind-driven circulation on transport of larvae and recruitment in the Florida Keys coral reefs. *Cont. Shelf Res.* 12:971-1002.
- Leis, J.M. 1987. Chapter 4. Review of the early life history of tropical groupers (Serranidae) and snappers (Lutjanidae). pp 189-237. In. *Tropical snappers and groupers: biology and fisheries management*. Polovina, J.J. and S. Ralston, eds. Westview Press, Boulder, Colorado: 659 pp.
- Leis, J.M. 1991. The pelagic stage of reef fishes: the larval biology of coral reef fishes. Pages 183-230 in P.F. Sale (ed.). *The ecology of fishes on coral reefs*. Academic Press, New York, 754 p.
- Leming, T.D. 1979. Observations of temperature, current, and wind variations off the central eastern coast of Florida during 1970 and 1971, NOAA Tech. Memo. NMFS-SEFSC-6. 171 p.
- Lenanton, R.C.J., A.I. Robertson, and J.A. Hansen. 1982. Near-shore accumulations of detached macrophytes as nursery areas for fish. *Mar. Ecol. Prog. Ser.* 9:51-57.
- Lenat, D.R. 1988. The macroinvertebrate fauna of the Little River, North Carolina: taxa list and seasonal trends. *Arch. Hydrobiol.* 110:19-43.
- Ley, J. A. 1992. Influence of changes in freshwater flow on the use of the mangrove prop root habitat by fishes. PhD dissertation, University of Florida, Gainesville, FL 172 p.

8.0 References

- Limouzy-Paris, C.B., M.F. McGowan, W.J. Richards, J.P. Umaran, and S.S. Cha. 1994. Diversity of fish larvae in the Florida Keys: results from SEFCAR. *Bull. Mar. Sci.* 54:857-870.
- Lindall, W. N., Jr., W. A. Fable, Jr. and L. A. Collins. 1975. Additional studies of the fishes, macroinvertebrates, and hydrological conditions of upland canals in Tampa Bay, Florida. *Fishery Bulletin* 73(1):81-83.
- Linderg, W. J. 1996. *Fundamental Design Parameters for Artificial Reefs: Interaction of Patch Reef Spacing and Size*. Report to the office of Fisheries Management and Assistance Services, Division of Marine Resources Florida DEP, Grant Number C-6729, Final Project Report. March, 1996, 71p.
- Lindberg, W.J. and F.D. Lockhart. 1993. Depth-stratified population structure of Geryonid crabs in the eastern Gulf of Mexico. *Journal Crustacean Biology* 13(4): 713-732.
- Lindberg, W.J., N.J. Blake, H.M. Perry, R.S. Waller, F.D. Lockhart, and R.B. Erdman. 1989. Fisheries development of the deep-sea golden crab, *Geryon fenneri*: Geographic and seasonal production potential in the Gulf of Mexico. Final Project Report. Marine Fisheries Initiation Program, National Marine Fisheries Service, 98 pp.
- Lindeman, K. C. 1986. Development of larvae of the French grunt, *Haemulon flavolineatum*, and comparative development of twelve western Atlantic species of *Haemulon*. *Bull. Mar. Sci.* 39(3):673-716.
- Lindeman, K. C. 1997a. Development of grunts and snappers of southeast Florida: cross-shelf distributions and effects of beach management alternatives. Ph.D. Dissertation, University of Miami, Coral Gables, Florida. 419 pp.
- Lindeman, K. C. 1997b. Comparative management of beach systems of Florida and the Antilles: applications using ecological assessment and decision support procedures. pp. 134-164. In G. Cambers, ed. *Managing beach resources in the smaller Caribbean islands*. UNESCO Coastal Region and Small Island Papers # 1. 269 pp.
- Lindeman, K. C. and D. B. Snyder. In press. Nearshore hardbottom fishes of southeast Florida and effects of habitat burial by dredging. *Fishery Bulletin* 97(4).
- Lindeman, K. C., E. B. Brothers, and J. S. Ault. MSa. Comparative growth and life history transitions of newly-settled lutjanids and haemulids (Percoidei) of the western Atlantic.
- Lindeman, K. C., G. Diaz, J. E. Serafy, and J. S. Ault. In press. A spatial framework for assessing cross-shelf habitat use among newly settled grunts and snappers. *Proc. Gulf Caribb. Fisher. Inst.*, Vol. 50.
- Lindner, M. J. and W. W. Anderson. 1956. Growth, migrations, spawning and size distribution of shrimp, *Penaeus setiferus*. *Fish. Bull.* 56 (106):555-645.
- Linton, T.L. (ed). 1970. Feasibility study of methods for improving oyster production in Georgia. Completion report 2-10-R. University of Georgia Marine Institute, Sapelo Island, and Georgia Game and Fish Commission, Atlanta. 172pp.
- Little, D.S., M.M. Little, K.E. Bucher and J.N. Norris. 1989. *Marine plants of the Caribbean: a field guide from Florida to Brazil*. Smithsonian Institution Press, Washington, D.C., 263 p.
- Lockhart, F.D., W. J. Lindberg, N. J. Blake, R. B. Erdman, H. M. Perry and R. S. Waller. 1990. Distributional differences and population similarities for two deep-sea crabs (Family Geryonidae) in the northeastern Gulf of Mexico. *Can. J. Fish. Aquat. Sci.*, 47:2112-2120.
- Loesch, J. 1965. Distribution and growth of penaeid shrimp in Mobile Bay, Alabama. *Publ. Inst. Mar. Sci. Univ. Tex.* 10:41-58.
- Loesch, J.G. 1987. Overview of life history aspects of anadromous alewife and blueback herring in freshwater habitats. *American Fisheries Society Symposium* 1:89-103.

- Loftus, W.F. and J.A. Kushlan. 1987. Freshwater fishes of southern Florida. Bull. Fla. State Mus., Biol. Sci. 31(4) 147-344.
- Longley, W.H., and S.F. Hildebrand. 1941. Systematic catalog of the fishes of the Tortugas, Florida with observations on color, habits and local distribution. Pap. Tortugas Lab., Carnegie Inst. of Wash. 34: 331p.
- Loosanoff, V.L. 1965. The American or eastern oyster. U.S. Fish and Wildlife Service Circular 205. 36 pp.
- Low, R. A., Jr., and G. F. Ulrich. 1983. Deep-water demersal finfish resources and fisheries off South Carolina. South Carolina Marine Resources Center, Charleston, SC 29412. Technical Report 57.
- Ludwig, M., D. Rusanowsky, and C. Johnson-Hughes. 1997. The impact of installation and use of a pier and dock assembly on eelgrass (*Zostera marina*) at Star Island, Montauk, NY. National Marine Fisheries Service and Fish and Wildlife Service, New Milford, CT. 24 pp.
- Luning, K. 1990. Seaweeds: Their environment, biogeography, and ecophysiology. John Wiley & Sons, Inc., New York. 527 p. (English edition edited by C. Yarish and H. Kirkman).
- Lunz, G. R. 1935. Oyster pest control investigation 1935. A preliminary report of the survey of coastal waters of South Carolina. 5 pp.
- Lunz, G.R. 1940. The annelid worm Polydora, as an oyster pest. Science 72: 310.
- Lunz, G.R. 1941. Polydora, a pest in South Carolina oysters. Journal of the Elisha Mitchell Scientific Society 57: 273-283.
- Lunz, G.R. 1943. The yield of certain oyster lands in South Carolina. American Midlands Naturalist 30: 806-808.
- Lunz, G.R. 1952. Oysters in South Carolina from above low tide level. Atlantic Fisherman 18: 42-43. macrophyte communities of the Currituck Sound: 1909-1979.
- Lythgoe, J. and G. Lythgoe. 1971. Fishes of the sea. The coastal waters of the British Isles, Northern Europe and Mediterranean. Blandford Press, London. 320 pp.
- MacIntyre, I.G. and J.D. Milliman. 1970. Physiographic features on the outer shelf and upper slope, Atlantic Continental Margin, southeastern United States. Geological Society of America, Bulletin 81: 2577-2598.
- MacIntyre, I.G. and O.H. Pilkey. 1969. Tropical Reef Corals. Tolerance of low temperatures on the North Carolina shelf. Science 166: 374-375.
- Mager, A., Jr. and G.W. Thayer. 1986. National Marine Fisheries Service habitat conservation efforts in the coastal southeastern U.S. from 1981 through 1985. Mar. Fish. Rev. 48(3):1-8.
- Magnuson, J.J., Harrington, C.L., Stewart, D.J., Herbst, G.N. 1981. Responses of macrofauna to short-term dynamics of a Gulf Stream front on the continental shelf. in: Richards, F.A. (ed.) Coastal upwelling. American Geophysical Union.
- Mallin, M., J. Burkholder, M. McIver, G. Shank, H. Glasgow, B. Touchette and J. Springer. 1997. Comparative effects of poultry and swine waste lagoon spills on the quality of receiving stream waters. J. Environ. Qual. 26:1622-1631.
- Manning, R. B., and L. B. Holthuis. 1986. Notes on the *Geryon* from Bermuda, with the description of *Geryon inghami*, a new species (Crustacea: Decapoda: Geryonidae). Proceedings of the Biological Society of Washington 99: 366-373.
- Manooch, C. S. III and C. L. Drennon. 1987. Age and growth of yellowtail snapper and queen triggerfish collected from the U.S. Virgin Islands and Puerto Rico. Fish. Res. 6:53-68.

8.0 References

- Manooch, C. S. III and R. H. Matheson. 1981. Age, growth and mortality of gray snapper collected from florida waters. Proc. Ann. Conf. S. E. Assoc. Fish and Wildl. Agencies 35:331-344.
- Manooch, C. S. III. 1973. Food habits of yearling and adult striped bass, *Morone saxatilis* (Walbaum), from Albemarle Sound, North Carolina. Chesapeake Science 14: 73-86.
- Manooch, C. S., III, and D. L. Mason. 1987. Age and growth of the warsaw grouper and black grouper from the southeast region of the U.S. Northeast Gulf Sci. 9: 65-75.
- Manooch, C. S., III, and G. R. Huntsman. 1977. Age, growth, and mortality of the red porgy, *Pagrus pagrus*. Trans. Am. Fish. Soc. 106:26-33.
- Manooch, C. S., III, and J. C. Potts. In press. Age, growth, and mortality of greater amberjack from the southeastern United States. Fish. Res.
- Manooch, C. S., III, and M. Haimovici. 1983. Foods of greater amberjack, *Seriola dummerili*, and almaco jack, *Seriola rivoliana*, (Pisces: Carangidae), from the South Atlantic Bight. J. Elisha Mitchell Sci. Soc. 99: 1-9.
- Manooch, C. S., III. 1975. A study of the taxonomy, exploitation, life history, ecology and tagging of the red porgy, *Pagrus pagrus* Linnaeus, off North Carolina and South Carolina. Ph.D. thesis, NC State Univ., Raleigh. 271 p.
- Manooch, C. S., III. 1976. Age, growth, and mortality of the white grunt, *Haemulon plumieri* (Pisces: Pomadasyidae), from North Carolina and South Carolina. Proc. Annual Conf. Southeast Assoc. Game Fish Comm. 30:58-70.
- Manooch, C. S., III. 1977. Foods of the red porgy, *Pagrus pagrus* Linnaeus (Pisces: Sparidae), from North Carolina and South Carolina. Bull. Mar. Sci. 27: 776-787.
- Manooch, C. S., III. 1987. Age and growth of snappers and groupers. pp. 329-374. In: J. J. Polovina and S. Ralston, eds. Tropical snappers and groupers: biology and fisheries management. Westview Press, Boulder, CO. 659 pp.
- Manooch, C.S. III and D.L. Mason. 1983. Comparative food studies of yellowfin tuna, *Thunnus atlanticus* (Pisces: Scombridae) from the southeastern and gulf coasts of the U.S.. *Brimleyana* 9: 33-52.
- Manooch, C.S., III, and D.L. Mason. 1983. Comparative food of yellowfin tuna, *Thunnus albacares*, and blackfin tuna, *Thunnus atlanticus*, (Pisces: Scombridae) from the southeastern and Gulf of Mexico coasts of the United States. *Brimleyana* 9:33-52.
- Manooch, C.S., III, and W.T. Hogarth. 1983. Stomach contents and giant trematodes from wahoo, *Acanthocybium solanderi*, collected along the South Atlantic and Gulf coasts of the United States. Bull. Mar. Sci. 33:227-238.
- Manooch, C.S., III, D.L. Mason and R.S. Nelson. 1984. Food and gastrointestinal parasites of dolphin *Coryphaena hippurus* collected along the southeastern and Gulf coasts of the United States. Bull. Jap. Soc. Sci. Fish. 50:1511-1525.
- Manooch, C.S., III, D.L. Mason and R.S. Nelson. 1985. Food of little tunny *Euthynnus alletteratus* collected along the southeastern and Gulf coasts of the United States. Bull. Jap. Soc. Sci. Fish. 51:1207-1218.
- Manooch, III, C.S. and D. Raver, Jr. 1984. Fisherman's guide: fishes of the southeastern United States. N. Carolina St. Mus. Nat. Hist., Raleigh, North Carolina. 362 pp.
- Mansueti, R. 1963. Symbiotic behavior between small fishes and jellyfishes, with new data on that between the stomatied , *Peprilus alepidotus*, and the scyphomedusa, *Chrysaora quinquecirrha*. Copeia 1963:40-80.
- Mansueti, R.J. 1960. Restriction of very young red drum, (*Sciaenops ocellata*) to shallow estuarine waters of the Chesapeake Bay during late autumn. Chesapeake Science 1(3-4):207-210.

- Manzella, S. And J. Williams. 1991. Juvenile head-started Kemp's ridleys found in floating mats. *Mar. Turtle Newsletter* 52:5-6.
- Mar. Ecol. Prog. Ser. 51:277-290.
- Marszalek, D. S. 1981. Impact of dredging on a subtropical reef community, southeast Florida, U.S.A. *Proc. Fourth Internat. Coral Reef Symp.*, Manila, 1:147-153.
- Marszalek, D. S., G. Babashoff, Jr., M. R. Noel, and D. R. Worley. 1977. Reef distribution in south Florida. *Proc. Third Internat. Coral Reef Symp.* 2:223-229. Miami, FL.
- Mason, D.L. and C.S. Manooch. 1985. Age and growth of mutton snapper along the east coast of Florida. *Fish. Res.* 3(1985): 93-104.
- Matheson, R.H., III. 1981. Age, growth, and mortality of two groupers, *Epinephelus drummondhayi* (Goode and Bean) and *Epinephelus niveatus* (Valenciennes), from North Carolina and South Carolina. M.S. thesis, N.C. State University, Raleigh. 67 p.
- Matheson, R.H., and G.R. Huntsman. 1984. Growth, mortality, and yield-per-recruit models for speckled hind and snowy grouper from the United States South Atlantic Bight. *Trans. Am. Fish. Soc.* 113:607-616.
- Matheson, R.H., III, G.R. Huntsman, and C.S. Manooch, III. 1986. Age, growth, mortality, food, and reproduction of the scamp, *Myteroperca phenax*, collected off North Carolina and South Carolina. *Bull. Mar. Sci.* 38: 300-312.
- Mathews, T.D., and O. Pashuk. 1977. A description of oceanographic conditions off the southeastern United States during 1973. *S.C. Mar. Resour. Center Tech. Rep.* 19. 105 p.
- Mathews, T.D., F.W. Stapor, Jr., C.R. Richter, et al., eds. 1980. Ecological characterization of the Sea Island coastal region of South Carolina and Georgia. Vol. I: physical features of the characterization area. U.S. Fish and Wildlife Service, Office of Biological Services, Washington, D.C. FWS/OBS-79/40:1-212.
- Matthews, Geoffrey A. and Thomas J. Minello. 1994. Technology and success in restoration, creation and enhancement of *Spartina alterniflora* marshes in the United States. Vol. 1- Executive Summary and Annotated Bibliography. NOAA Coastal Ocean Program Decision Analysis Series No. 2. NOAA Coastal Ocean Office, Silver Spring, MD. Marsh Fauna
- Mazeaud, M.M., M.F. Mazeaud, and E.M. Donaldson. 1977. Primary and secondary effects of stress in fish: some new data and a general review. *Transactions of the American Fisheries Society* 106:201-222.
- McArthur, C. 1997. Personal communication. Environmental Protection Agency. Atlanta, GA.
- McCarthy, E. and R. Skaggs. 1992. Simulation and evaluation of water management systems for a pine plantation watershed. *SJAF* 16:48-56.
- McCloskey, L.R. 1970. The dynamics of the community associated with a marine scleractinian coral. *Int. Rev. ges. Hydrobiol.* 55: 13-81.
- McFarland, W. N. and B. D. Lee. 1963. Osmotic and ionic concentrations of penaeidean shrimps of the Texas coast. *Bull. Mar. Sci. Gulf. Caribb.* 13:391-417.
- McHugh, J. L. 1966. Management of estuarine fisheries. American Fisheries Society, Special Publication No. 3:133-154.
- McKenzie, M. D. and J. D. Whitaker. 1981. A comparative study of shrimp seines and selectivity of various mesh sizes. Unpubl. Rept. SCWMRD.
- McNulty, J.K. 1953. Seasonal and vertical patterns of oyster setting off Wadmalaw Island, SC. Contribution of Bears Bluff Laboratories No. 15. Wadmalaw Island, SC 17pp.

8.0 References

- McRoy, C.P. and C. McMillan. 1977. Production ecology and physiology of seagrasses. pp. 53-87. In McRoy, C.P. and C.Helfferich (eds.) Seagrass ecosystems: a scientific perspective. Marcel Dekker, Inc., New York.
- McRoy, C.P. and C.Helfferich. 1977. Seagrass ecosystems: a scientific perspective. Marcel Dekker, Inc., New York, 314 pp.
- Meador, M.R., A.G. Eversole and J.S. Bulak. 1984. Utilization of portions of the Santee River system by spawning blueback herring. N.American J. Fish. Manage. 4:155-163.
- Menni, R.C. and H.L. Lopez. 1979. Biological data and otolith (sagitta) morphology of *Polyprion americanus* and *Schedophilus griseolineatus* (Osteichthyes, Serranidae and Centrolophidae). Studies on Neotropical Fauna and Environment, 14. pp. 17-32.
- Menzel, D.W. (ed) 1993. Ocean processes: U.S. southeast continental shelf. U.S. Dept. Energy DOE/OSTI--11674, 112 p.
- Menzies, R.J. , O.H. Pilkey, B.W. Blackwelder, D.Dexter, P.Huling, and L. McCloskey. 1966. A submerged reef off North carolina. Int. Rev. ges. hydrobiol. 51: 393-431.
- Mercer, L.P.. 1984. A Biological and Fisheries Profile of Red Drum, *Sciaenops ocellatus*. NCDNRCD Special Scientific Report # 41. 89p.
- Miami-Dade DERM (Department of Environmental Resources Management), Restoration and Enhancement Section, 33 SW Second Avenue, Miami, Florida, 33130.
- Miller, G. C. and W. J. Richards. 1980. Reef fish habitat, faunal assemblages, and factors determining distributions in the South Atlantic Bight. Proc. Gulf & Caribbean Fisheries Institute 32: 114 - 130.
- Miller, J.M. 1988. Physical processes and the mechanisms of coastal migrations of immature marine fishes. *In: Larval Fish and Shellfish Transport Through Inlets* M.P. Weinstein (ed.). American Fisheries Society, Bethesda, Maryland. pp 68-76.
- Miller, J.M., Reed, J.P., and Pietrafesa, L.J. 1984. Patters, mechanisms, and approaches to the study of migrations of estuarine-dependent fish larvae and juveniles. *In: Mechanisms in Migrations of Fishes*. J.D. McCleave, G.P. Arnold, J.J. Dodson, and W.H. Neill (eds). Plenum Press, New York, NY, pp 209-205.
- Milliman, J.D. 1972. Atlantic Continental Shelf and Slope of the United States- Petrology of the sand fraction of sediments, northern New Jersey to southern Florida. U.S.G.S. Prof. Pap. 529-J. 40 pp.
- Mineral Management Service. 1996. Gulf of Mexico Sales 166 and 168: Central and Western Planning Areas--final environmental impact statement. Washington, DC. OCS EIS/EA MMS 96-0058.
- Mineral Management Service. 1990. Final Environmental Report on Proposed Exploratory Drilling Offshore North Carolina. Volume 1. Environmental Assessment Division. OCS MMS. pp 663.
- Minority Staff of the U.S. Senate Committee on Agriculture, Nutrition, and Forestry. 1997. Animal waste pollution in America: an emerging national problem. 27 pp.
- Mitsch, W.J. and J.G. Gosselink. 1986. Wetlands. Von Nostrand Reinhold Co. Inc., New York, NY 539 pp.
- Mock, C. R. 1967. Natural and altered estuarine habitats of penaeid shrimp. Proc. Gulf Caribb. Fish. Inst. 19:86-98.
- Moe, Jr., M.A. 1966. Tagging fishes in Florida offshore waters. Fla. Bd. Conserv. Mar. Res. Lab. Tech. Ser. 49:40p.Moe Jr. , M.A. 1972. Movement and migration of south Florida fishes. St. Fla. Dept. Nat. Res.Tech. Ser. No. 69:25.
- Moffler, M.D. and M. J. Durako. 1987. Reproductive biology of the tropical-subtropical seagrasses of the southeastern United States. FL. Mar. Res. Publ. 42:77-88.

- Mogelberg, D.D., B.F. Morris and J. Cadwaller. 1983. Sessile fauna and flora. Bermuda Biol. Sta. Spec. Publ. 22:225-234.
- Moore, C. M., and R. F. Labisky. 1984. Population parameters of a relatively unexploited stock of snowy grouper in the lower Florida keys. Trans. Am. Fish. Soc. 113:322-329.
- Moore, D.R. and H.R. Bullis, Jr. 1960. A deepwater coral reef in the Gulf of Mexico. Bulletin of Marine Science of the Gulf and Carribean 10 (1): 125-128.
- Moore, H.B. 1972. Aspects of stress in the tropical marine environment. Adv. Mar. Biol. 10:217-269.
- Moore, R.H. 1992. Low-salinity backbays and lagoons. pp. 541-614 In C.T. Hackney, S.M. Adams and W.H. Martin (eds.). Biodiversity of the Southeastern United States: aquatic communities. John Wiley and Sons, Inc., NY. 779 pp.
- Morgan, S.G., C.S. Manooch, III, D.L. Mason and J.W. Goy. 1985. Pelagic fish predation on *Cerataspis*, a rare larval genus of oceanic penaeoids. Bull. Mar. Sci. 36:249-259.
- Morris, B.F. and D.D. Mogelberg. 1973. Identification manual to the pelagic *Sargassum* fauna. Bermuda Biol. Sta. Spec. Publ. No. 11, 63 p.
- Morse, J.C., J.W. Chapin, D.D. Herlong and R.S. Harvey. 1980. Aquatic insects of Upper Three Runs Creek, Savannah River Plant, South Carolina. Part I: Orders other than Diptera. J. Ga. Entomol. Soc. 15:73-101.
- Moser, M.L., P.J. Auster and J.B. Bichy. *In Press*. Effects of mat morphology on large *Sargassum*-associated fishes: observations from a remotely operated vehicle (ROV) and ree-floating video camcorders. Environ. Biol. Fishes.
- Mueller, D.K. and D.R. Helsel. 1996. Nutrients in the nation's waters. Too much of a good thing? U.S. Geological Survey Circular 1136. 24 pp.
- Mulholland, P.J. and D.R. Lenat. 1992. Streams of the Southeastern Piedmont, Atlantic Drainage. pp. 193-231 In C.T. Hackney, S.M. Adams and W.H. Martin (eds.). Biodiversity of the Southeastern United States: aquatic communities. John Wiley and Sons, Inc., NY. 779 pp.
- Muncy, R. J. 1984. Species profiles: Life histories and environmental requirements of coastal fishes and invertebrates (South Atlantic): White shrimp. Fish and Wildlife Service, FWS/OBS-823/11.27. 19 pp.
- Munro, J. L., V. C. Gaut, R. Thompson and P. H. Reeson. 1973. The spawning seasons of Caribbean reef fishes. J. Fish Biol. 5: 69-84.
- Murphey, P.L., M.S. Fonseca. 1995. Role of high and low energy seagrass beds as nursery areas for *Penaeus duorarum* in North Carolina. Mar. Ecol. Prog. Ser. 121:91-98.
- Murray, J., and J. Hjort. 1912. The depths of the oceans. Macmillan, London. 821 p.
- Music, J. L. 1979. Assessment of Georgia's shrimp and crab resources. Ga. Dep. Natl. Resour. Contrib. Ser. 30:1-75.
- Music, J.L., Jr. and J.M. Pafford. 1984. Population dynamics and life history aspects of major marine sportfishes in Georgia's coastal waters. Georgia Department of Natural Resources, Coastal Resources Division, Coastal Fisheries Section, Final Report Study VI F-31.
- Nagelkerken, W. P. 1981. Distribution and ecology of the grouper (Serranidae) and snapper (Lutjanidae) of the Netherlands Antilles. Found. Sci. Res. Surinam Netherlands Antilles 107. 71 p.
- Nakata, H., H. Takeuchi, and T. Hirano. 1988. A field experiment with drifting hoop nets to collect the small fish gathering around drift algae. Bull. Jap. Sci. Fish. 54:1899-1906.

8.0 References

- National Marine Fisheries Service. 1997. Draft recovery plan for the shortnose sturgeon (*Acipenser brevirostrum*). Prepared by the Shortnose Sturgeon Recovery Team for the National Marine Fisheries Service, Silver Spring, Maryland. 98 pp.
- National Research Council Committee on Priorities for ecosystem Research in the Coastal Zone, Ocean Sciences Board. 1994. Priorities for coastal ecosystem science. National Research Council, Washington, D.C., USA.
- NCDEHNR. 1997a. Tar-Pamlico River Nutrient Management Plan for Non-point-sources of Pollution.
- NCDEHNR. 1990. North Carolina coastal marinas -- water quality assessment. Division of Environmental Management. Report 90-01. 74 pp.
- NCDEHNR. 1993. Neuse River Basinwide Water Quality Management Plan.
- NCDEHNR. 1994. Tar-Pamlico River Basinwide Water Quality Management Plan.
- NCDEHNR. 1996a. North Carolina's 1996 303(d) list.
- NCDEHNR. 1996b. Water quality progress in North Carolina. 1994-1995 305(b) report. Report 96-03.
- NCDEHNR. 1997b. Neuse River Nutrient Sensitive Waters (NSWQ) Management Strategy.
- Nelson, D.J. and D.C. Scott. 1962. Role of detritus in the productivity of a rock-outcrop community in a Piedmont stream. *Limnol. Oceanogr.* 7:396-413.
- Nelson, D.M., E.A. Irlandi, L.R. Settle, M.E. Monaco, and L. Coston-Clements. 1991. Distribution and Abundance of Fishes and Invertebrates in Southeast Estuaries. ELMR Rep. No. 9. NOAA/NOS Strategic Environmental Assessments Division, Silver Spring, MD. 167p.
- Nelson, R. S., and C. S. Manooch, III. 1982. Growth and mortality of red snappers in the west-central Atlantic ocean and northern Gulf of Mexico. *Trans. Am. Fish. Soc.* 111: 465-475.
- Nelson, W. G. 1989. Beach nourishment and hard bottom habitats: the case for caution. pp. 109- 116. In: Proc. 1989 National Conf. Beach Preserv. Technol. Fl. Shore and Beach Preserv. Assoc., Tallahassee, FL
- Nelson, W. G. and L. Demetriades. 1992. Peracarids associated with sabellariid worm rock (*Phragmatopoma lapidosa* Kinberg) at Sebastian Inlet, Florida, U.S.A. *J. Crust. Bio.* 12(4):647-654.
- Neuhauser, H. 1979. "Gray's Reef nominated as Marine Sanctuary ." In Georgia Conservancy Newsletter . v. 8 (3).
- Neuman, A.C. , G.H. Keller and J.W. Kofoed. 1972. "Lithoherms" in the Straits of Florida: geology and bottom currents. Geological Society of America, Bulletin 81: 2861-2874.
- Neuman, A.C., G.H. Keller and J.W. Kofoed. 1977. Lithoherms in the Straits of Florida. *Geology* 5 (1) : 4-10.
- Neumann, A.C. and M.M. Ball. 1970. Submersible operations in the Straits of Florida: Geology and bottom currents. Geological Society of America, Bulletin 81:2861-2874.
- Newton, J.G., O.H. Pilkey, and J.O. Blanton. 1971. An oceanographic atlas of the Carolina and continental margin. North Carolina Dept. of Conservation and Development, Raleigh. 57p.
- Nierman, U. 1986. Distribution of *Sargassum natans* and some of its epibionts in the Sargasso Sea. *Helgol. Meeresunters* 40:343-353.
- Nierman, U., H.G. Andres, and H.C. John. 1986. Distribution and abundance of pelagic *Sargassum* in spring 1979. *Senckenb. Marit.* 17:293-302.
- Nixon, S. 1995. Coastal marine eutrophication: a definition, social causes, and future concerns. *Ophelia* 41:199-219.

- Nixon, S. W. 1980. Between coastal marshes and coastal waters - a review of twenty years of speculation and research on the role of salt marshes in estuarine productivity and water chemistry, p. 437-525. *In* P. Hamilton and K. B. MacDonald (eds.), *Estuarine and Wetland Processes*, Plenum, New York.
- NMFS. 1994a. A compilation of historical research efforts (1956-1991) identifying rock shrimp distribution and bycatch. Rick Minkler, NMFS SEFSC Pascagoula Laboratory.
- NMFS. 1994b. Habitat protection activity: 1991-1993. Office of Habitat Protection, Silver Spring, MD.
- NMFS. 1995. A plan to strengthen the National Marine Fisheries Service's National Habitat Program (Draft). Silver Spring, MD
- NOAA. 1985. National Estuarine Inventory: Data Atlas Volume 1. Physical Hydrologic Characteristics. Strategic Assessment Branch, NOS/NOAA. Rockville MD. 103 pp.
- NOAA. 1991a. Coastal wetlands of the United States: An accounting of a valuable national resource. USDOC and USFWS. 59 pp.
- NOAA. 1991b. Distribution and Abundance of Fishes and Invertebrates in Southeast Estuaries. NOAA's Estuarine Living Marine Resources Program. U.S. DOC. October 1991. 177 pp.
- NOAA. 1996. NOAA's estuarine eutrophication survey. Volume 1: South Atlantic Region. 50 pp.
- NOAA. 1998. NOAA SEA Division ELMR / GIS products supplied SAFMC February 1998.
- Noga, E., D. Engels and T. Arroll. 1990. Shell disease in blue crabs, *Callinectes sapidus*, from the Albemarle-Pamlico Estuary. APES report 90-22. 48 pp.
- Noga, E., M. Dykstra and J. Levine. 1990. Fish diseases of the Albemarle-Pamlico Estuary. WRRRI Report 238. 81 pp.
- Noga, E., S. Smith, J. Burkholder, C. Hobbs and R. Bullis. 1993. A new ichthyotoxic dinoflagellate: cause of acute mortality in aquarium fishes. *Vet. Res.* 133:96-97.
- North Carolina Wildlife Resources Commission, 1988. Personal communication. Raleigh, NC. *J. Mar. Res.* 22:22-29.
- Odum, E.P. 1971. *Fundamentals of ecology*. 3rd. edition. Saunders Co. , Philadelphia , Pa.574 pp.
- Odum, W. E. 1970. Insidious alteration of the estuarine environment. *Trans. Am. Fish. Soc.* 99:836-847.
- Odum, W. E., C. C. McIvor, and T. J. Smith, III. 1982. The ecology of the mangroves of south Florida: A community profile. U.S. Fish and Wildlife Service, Office of Biological Services, FWS/OBS-81-24.
- Odum, W. E., T. J. Smith III, J. K. Hoover, and C. C. McIvor. 1984. The ecology of tidal freshwater marshes of the United States east coast: a community profile. U. S. Fish and Wildlife Service, FWS/OBS-83/17.
- Odum, W.E. 1978. The importance of tidal freshwater wetlands in coastal zone management. American Soc. of Civil Engineers, NY. *Coastal Zone 78: symposium on technical, environmental, socioeconomic and regulatory aspects of coastal zone management*:1196-1203.
- Odum, W.E., T.J. Smith, III, J.K. Hoover, and C.C. McIvor. 1984. The ecology of tidal freshwater marshes of the United States East Coast: a community profile. U.S. Fish and Wildlife Service. FWS/OBS-83/17. 177 pp.
- Ogden, J.C., R.A. Brown and N. Salesky. 1973. Grazing by the echinoid *Diadema antillarum* Phillipi: formation of halos around West Indian patch reefs. *Science* 182: 715-717.

8.0 References

- Ogden, J.C. and P.R. Ehrlich. 1977. The behavior of heterotypic resting schools of juvenile grunts (Pomadasyidae). *Mar. Biol.* 42:273-280.
- Onuf, C.P. 1996. Seagrass responses to long-term light reduction by brown tide in upper Laguna Madre, Texas: distribution and biomass patterns. *Mar. Ecol. Prog. Ser.* 138:219-231.
- Opresko, D.M. 1973. Abundance and distribution of shallow-water gorgonians in the area of Miami, Florida. *Bulletin of Marine Science* 23: 535-558.
- Orlando, S.P., F.S. Shirzad, J.M. Schuerholz, D.P. Mathieux, and S. S. Strassner. 1988. Shoreline modification, dredged channels and dredged material disposal areas in the Nation's estuaries. NOAA, Washington, D.C. 18 pp.
- Orlando, S.P., Jr., P.H. Wendt, C.J. Klein, M.E. Pattillo, K.C. Dennis, and G.H. Ward. 1994. Salinity Characteristics of South Atlantic Estuaries. Silver Spring, MD: National Oceanic and Atmospheric Administration, Office of Ocean Resources Conservation and Assessment. 117p.
- Otte, L., J. Bray, and A. Francis. 1987. Elemental analysis of peat deposits and their source waters in coastal North Carolina. Report to Brookhaven National Laboratories.
- Otwell, W. S., J. Bellairs, and D. Sweat. 1984. Initial development of a deep sea crab fishery in the Gulf of Mexico. Fla. Sea Grant Coll. Rep. No. 61, 29 p.
- P. K. Dayton. 1998. Reversal of the burden of proof in fisheries management. *Science* 279: 821-822.
- Paerl, H. 1985. Enhancement of marine primary production by nitrogen-enriched acid rain. *Nature* 315:747-749.
- Paerl, H. 1988. Nuisance phytoplankton blooms in coastal, estuarine and inland waters. *Limnol Oceanogr.* 33:823-847.
- Paerl, H. 1993. Emerging role of atmospheric nitrogen deposition in coastal eutrophication: and trophic perspectives. *Can. J. Aquat. Sci.* 50:2254-2268.
- Paerl, H., M. Fogel, P. Bates and P. O'Donnell. 1995a. Is there a link between atmospheric nitrogen deposition and eutrophication in coastal waters? *In*: K. Dyer (ed). *Changes In Fluxes in Estuaries: Implications from Science for Management*, Olsen and Olsen, Copenhagen, pp. 197-202.
- Paerl, H., M. Mallin, C. Donahue, M. Go and B. Peierls. 1995b. Nitrogen loading sources and eutrophication of the Neuse River Estuary, North Carolina: direct and indirect roles of atmospheric deposition. WRRRI Report 291. 119 pp.
- Paller, M.H. 1987. Distribution of larval fish between macrophyte beds and open channels in a southeastern floodplain swamp. *J. Freshwater Ecol.* 4:191-200.
- Parin, N.V. 1970. Ichthyofauna of the epipelagic zone. M. Raveh (translator), H. Mills (editor). Israel Program for Scientific Translations, Jerusalem. 206 p.
- Parker, J. C. 1970. Distribution of juvenile brown shrimp (*Penaeus aztecus* Ives) in Galveston Bay, Texas as related to certain hydrographic features and salinity. *Contrib. Mar. Sci.* 15:11-12.
- Parker, R. O. Jr., D. R. Colby and T. D. Willis. 1983. Estimated amount of reef habitat on a portion of the U.S. South Atlantic and Gulf of Mexico continental shelf. *Bull. Mar. Sci.* 33(4): 935 - 940.
- Parker, R.O., Jr., and S.W. Ross. 1986. Observing reef fishes from submersibles off North Carolina. *Northeast Gulf Sci.* 8:31-49.
- Parker, R.O., Jr., A.J. Chester, and R.S. Nelson. 1994. A video transect method for estimating reef fish abundance, composition, and habitat utilization at Gray's Reef National Marine Sanctuary, Georgia. *Fish. Bull.* 92:787-799.

- Parker, R. O. Jr., and R. W. Mays. In press. Southeastern United States Deepwater Reef Fish Assemblages, Habitat Characteristics, Catches, and Life History Summaries. NOAA, Tech. Rep. 102pp.
- Parker, R.O., Jr., and R.L. Dixon. In press. Changes in a North Carolina reef fish community after 15 years of intense fishing - with global warming implications. Transactions of the American Fisheries Society, 127:(18pp).
- Parr, A.D. 1939. Quantitative observations on the pelagic *Sargassum* vegetation of the western North Atlantic. Bull. Bingham Oceanogr. Coll., Yale Univ. 6(7):1-94.
- Parrish, J.D. 1987. Chapter 9. The trophic biology of snappers and groupers. pp 405-463. In. Tropical snappers and groupers: biology and fisheries management. Polovina, J.J. and S. Ralston, eds. Westview Press, Boulder, Colorado: 659 pp.
- Pate, P. and R. Jones. 1980. Effects of upland drainage on estuarine nursery areas of Pamlico Sound, North Carolina. Division of Marine Fisheries Report. 26 pp.
- Pate, P.P. 1972. Life history aspects of the hickory shad, *Alosa mediocris* (Mitchell), in the Neuse River, North Carolina. MS Thesis, North Carolina State University, Raleigh.
- Patriquin D.G. 1975. "Migration" of blowouts in seagrass beds at Barbados and Carriacou, West Indies, and its ecological and geological implications. Aquat Bot 1:163-189
- Pattillo, M.E., T.E. Czapla, D.M. Nelson, and M.E. Monaco. 1997. Distribution and abundance of fishes and invertebrates in Gulf of Mexico estuaries, Volume II: Species life history summaries. ELMR Rep. No. 11. NOAA/NOS Strategic Environmental Assessments Division, Silver Spring, MD. 377 p.
- Paul, V.J. 1987. Feeding deterrent effects of algal natural products. Bull. Mar. Sci. 41:514-522.
- Pauly, D. et al. 1998. Fishing down marine food webs. Science 279:860-863.
- Peres, J.M. 1982. Specific pelagic assemblages. Mar. Ecol. 5(1):313-372.
- Perez-Farfante, I. 1969. Western Atlantic shrimps of the genus *Penaeus*. Fish. Bull. 67(3):461-591.
- Perkins, T. H., H. A. Norris, D. T. Wilder, S. D. Kaiser, D. K. Camp, R. E. Matheson, Jr., F. J. Sargent, M. M. Colby, W. G. Lyons, R. G. Gilmore, Jr., J. K. Reed, G. A. Zarillo, K. Connell, M. Fillingfin, and F. M. Idris. 1997. Distribution of hard-bottom habitats on the continental shelf off the northern and central east coast of Florida. Final SEAMAP Rept., NOAA Grant No. NA47FS0036.
- Pestana, H. 1985. Carbonate sediment production by *Sargassum* epibionts. J. Sediment. Petrol. 55:184-186.
- Peters, D. J. and W. G. Nelson. 1987. The seasonality and spatial patterns of juvenile surf zone fishes of the Florida east coast. Fl. Sci. 50(2):85-99.
- Peters, D.S. and F.A Cross. 1992. What is coastal fish habitat? Pages 17-22 in R.H. Stroud (ed.), Stemming the tide of coastal fish habitat loss. National Coalition for Marine Conservation, Savannah, GA.
- Peterson C.H. and N.M. Peterson, 1979. The ecology of intertidal flats of North Carolina: A community profile. U.S. Fish and Wildlife Service, Office of Biological Services. FWS/OBS-79/39. 73 pp.
- Peterson, D. L., D. G. Silsbee, and D. L. Schmoldt. 1994. A case study of resources management planning with multiple objectives and projects. Environ. Manag. 18(5):729-742.
- Phillips, R.C. and C.P. McRoy (eds). 1980. Handbook of Seagrass Biology: an Ecosystem Perspective. Garland STPM Press, New York. 353 pp.

8.0 References

- Phillips, R.C. and E.G. Menez. 1988. Seagrasses. *Smithsonian Contr. to the Mar. Sci.* 34:104 pp.
- Phlips, E.J. and C. Zeman. 1990. Photosynthesis, growth and nitrogen fixation by epiphytic forms of filamentous cyanobacteria from pelagic sargassum. *Bull. Mar. Sci.* 47:613-621.
- Phlips, E.J., M. Willis and A. Verchick. 1986. Aspects of nitrogen fixation in *Sargassum* communities off the coast of Florida. *J. Exp. Mar. Biol. Ecol.* 102:99-119.
- Pickett, S. T. A., and M. L. Cadenasso. 1995. Landscape Ecology: Spatial heterogeneity in ecological systems. *Science* 269:331-334.
- Pierce et al 1980
- Pietrafesa, L. and J. Miller. 1997. A comparison of fish kills in the Pamlico and Neuse Rivers (a symptom) and implications for estuarine health. 64 pp.
- Pietrafesa, L.J., Morrison, J.M., McCann, M.P., Churchill, J., Böhm, E., Houghton, R.W. 1994. Water mass linkages between the Middle and South Atlantic Bight. *Deep-Sea Res.* 41:365-389.
- Pietrafesa, L.P., Janowitz, G.S., Wittman, P.A. 1985. Physical oceanographic processes in the Carolina Cape. in: Atkinson, L.P., Menzel, D.W., Bush, K.A. (eds.) *Oceanography of the southeastern U.S. continental shelf.* American Geophysical Union, Washington, pp. 23-32.
- Pilkey, Jr., O.H. and K.L. Dixon. 1996. *The Corps and the Shore.* Island Press. Washington, DC, 272 pp.
- Porter, J.W. 1979. Pers. comm. University of Georgia. Athens, Georgia.
- Powell, A.B. and R.E. Robbins. 1994. Abundance and distribution of ichthyoplankton along an inshore-offshore transect in Onslow Bay, North Carolina. NOAA Tech. Rep. NMFS 120.
- Powells, H. And B.W. Stender. 1976. Observations on composition, seasonality and distribution of ichthyoplankton from MARMAP cruises in the South Atlantic Bight in 1973. S.C. Mar. Res. Cent., Tech. Rep. Ser. No. 11, 47 p.
- Powels, H. and C.A. Barans. 1980. Evaluations of methods for evaluating groundfish of nearshore sponge-coral habitats off the southeastern United States. *Marine Fisheries Review*, 42 (5): 21-35.
- Powles, H., and B.W. Stender. 1976. Observations on composition, seasonality and distribution of ichthyoplankton from MARMAP cruises in the South Atlantic Bight in 1973. S.C. Mar. Res. Center, Tech. Rep. Ser., 11, 47 p.
- Pratt, R.M. and P.F. McFarlin. 1966. Manganese pavements of the Blake Plateau. *Science.* 151:721-728.
- Prescott, G.W. 1968. *The algae: a review.* Houghton Mifflin Co., Boston, MA 436p.
- Rabalais, N., R. Turner, D. Justic, Q. Dortch, W. Wiseman and B. Sen Gupta. 1996. Nutrient changes in the Mississippi River and system responses on the adjacent continental shelf. *Estuaries* 19(2B):386-407.
- Rader, D., L. Loftin, B. McGee, J. Dorney, and J. Clements. 1987. Surface water quality concerns in the Tar-Pamlico River Basin. NCDNRCD. Division of Environmental Management. 96 pp.
- Randall, J.E. 1965. Grazing effects on sea grasses by herbivorous reef fishes in the West Indies. *Ecology* 46 (3) : 255-260.
- Randall, J.E. 1968. Food habits of reef fishes of the West Indies. *Stud. Trop. Oceanogr. Inst. Mar. Sci. Univ. Miami* 5: 665-847.
- Randall, J.E. 1968. *Caribbean reef fishes.* TFH Publ., Jersey City, N.J. 316 p.

- Ray, G.C., M.G. McCormick-Ray, J.A. Dobbin, C.N. Ehler, D.J. Basta. 1980. Eastern United States Coastal and Ocean Zones: Data Atlas. Council on Environmental Quality and Office of Coastal Zone Management, NOAA.
- Reddering, J.S.V. 1988. Prediction of the effects of reduced river discharge on estuaries of the south-eastern Cape Province, South Africa. *S. Afr. J. Sci.* 84:726-730.
- Redfoot, W.E., L.M. ehrhart and P.W. Raymond. 1985. A juvenile Atlantic hawksbill turtle, *Eretochelys imbricata*, from Brevard County, Florida. *Fla. Sci.* 48:193-196.
- Reed, J. K. 1981. In situ growth rates of the scleractinian coral *Oculina varicosa* occurring with zooxanthellae on 6-m reefs and without on 80-m banks. *Proc. 4th Int. Coral Reef Symp.*, Manila, Vol. 2: 201-206.
- Reed, J. K. 1996. Preliminary survey of mud deposits on the mid-shelf reefs off Fort Pierce, St. Lucie County, Florida. Unpublished manuscript. 33 pp.
- Reed, J.K. , R.H. Gore, L.E. Scotto, K.A. Wilson. 1982. Community composition, structure, areal and trophic relationships of decapods associated with shallow- and deep-water *Oculina varicosa* coral reefs. *Bulletin Marine Science* 32 (3).
- Reed, J.K. 1980. Distribution and structure of deep-water *Oculina varicosa* coral reefs off central eastern Florida. *Bull. Mar. Sci.* 30:667-677.
- Reed, S.E. 1976a. Preliminary surveys. *In* G.J. Davis and M.M. Brinson. The submersed macrophytes of the Pamlico River Estuary, North Carolina. University of North Carolina, Water Resources Research Institute. Report 112:10-14.
- Reed, S.E. 1976b. Seasonal dynamics of rooted aquatic macrophytes. *In* G.J. Davis and M.M. Brinson. The submersed macrophytes of the Pamlico River Estuary, North Carolina. University of North Carolina, Water Resources Research Institute. Report 112:10-14.
- Reid Jr., G.K. 1954. An ecological study of the gulf of Mexico fishes, in the vicinity of Cedar Key, Florida. *Bull. Mar. Sci. of the Gulf and Carib.* 4(1) : 1-94.
- Reid, W.V. and M.C. Trexler. 1991. Drowning the national heritage: climate change and U.S. coastal biodiversity. World Resources Institute. 48 pp.
- Reilly, F.J., Jr., and V.J. Bellis. 1978. A study of the ecological impact of beach nourishment with dredged materials on the intertidal zone. Tech. Report. No. 4, Institute for Coastal and Marine Resources, East Carolina Univ., Greenville, NC. 107 pp.
- Reisen, W.K. and R. Prins. 1972. Some ecological relationships of the invertebrate drift in Praters Creek, Pickens County, South Carolina. *Ecology* 53:876-884.
- Research Planning Inc. 1996. Sensitivity of Coastal Environments and Wildlife to Spilled Oil, North Carolina Atlas: Volumes 1-3. U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Hazardous Materials Response and Assessment Division (Seattle, WA), Coastal Services Center (Charleston, SC), and Strategic Environmental Assessments Division (Silver Spring, MD).
- Richards, W. J. and K. C. Lindeman. 1987. Recruitment dynamics of reef fishes; planktonic processes, settlement and demersal ecologies, and fishery analysis. *Bull. Mar. Sci.* 41(2):392-410.
- Richards, W. J., K. C. Lindeman, J. L.-Shultz, J. M. Leis, A. Ropke, M. E. Clarke and B. H. Comyns. 1994. Preliminary guide to the identification of the early life history stages of lutjanid fishes of the western central Atlantic. NOAA Tech. Mem. NMFS-SEFSC-345, 49 pp.

8.0 References

- Richards, W.J., and V.P. Saksena. 1980. Description of larvae and early juveniles of laboratory-reared gray snapper, *Lutjanus griseus* (Linnaeus) (Pisces, Lutjanidae). Bull. Mar. Sci. 30:515-521.
- Richardson, J.I. and P. McGillivray. 1991. Post-hatchling loggerhead turtles eat insects in *Sargassum* community. Mar. Turtle Newsletter 55:2-5.
- Riggs, S., J. Bray, E. Powers, J. Hamilton, D. Ames, K. Owens, D. Yeates, S. Lucas, J. Watson, and H. Williamson. 1991. Heavy metals in organic-rich muds of the Neuse River Estuarine System. APES Report 90-07. 169 pp.
- Riggs, S.R., S.W. Synder, A.C. Hine, and D.L. Mearns. 1996. Hard bottom morphology and relationship to the geologic framework: Mid-Atlantic continental shelf. Jour. Sedimentary Research. 66:830-846.
- Riggs, S.R., W.G. Ambrose, Jr., J.W. Cook, Scott W. Synder, and S. Synder. 1998. Sediment production on sediment-starved continental margins: The interrelationships between hard bottoms, sedimentological and benthic community processes and storm dynamics. Jour. Sedimentary Research. 68:155-168.
- Rivas, L. R. 1970. Snappers of the western Atlantic. Comm. Fisheries Rev., U. S. Fish Wildlife Serv., Sep. No. 860:41-44.
- Rivas, L.R. 1970. Snappers of the Western Atlantic. U.S.Dept. Int., FWS Comm. Fish. Rev., Sep. No. 860:41-44.
- Robbin, D.M. 1981. Subaerial CaCO₃ Crust: A tool for timing reef initiation and defining sea-level changes: Proceedings, Fourth International Coral Reef Symposium, Miami, Florida, May 1977. 1: 267-274.
- Roberts, C.D. 1977. The wreckfish *Polyprion americanus* (Schneider, 1801) in Irish waters; an underwater sighting and review of the Irish records. IR. Nat. J. 19:108-112.
- Roberts, C.D. 1989. Reproductive mode in the percomorph fish genus *Polyprion* Oken. J. Fish. Biol. 34:1-9.
- Robertson, D.R. 1982. Off-reef emigration of young adults of the labrid fish *Epibulus insidaiator*. Copeia 1982:227-229.
- Robins, C. Richard, G. Carlton Ray, John Douglass and R. Freud. 1986. A Field Guide to Atlantic Coast Fishes of North America. Peterson Field Guide Series No.32, Houghton Mifflin Co., Boston. 354p.
- Robins, C.R., R.M. Bailey, C.E. Bond, J.R. Brooker, E.A. Lachner, R.N. Lea and W.B. Scott. 1991. Common and scientific names of fishes from the United States and Canada, Fifth edition. Am. Fish. Soc. Spec. Publ. 20, 183 p.
- Robins, C.R., R.M. Bailey, C.E. Bond, J.R. Brooker, E.A. Lachner, R.N. Lea, and W.B. Scott. 1991. Common and scientific names of fishes from the United States and Canada. Fifth Edition. Am. Fish. Soc., Spec. Publ. 20:183 pp.
- Roe, R. B., R. Cummins, Jr., and H. R. Bullis, Jr. 1971. Calico scallop distribution, abundance, and yield off eastern Florida, 1967-1968. Fish. Bull. 69:399-409.
- Roe, R. B. 1976. Distribution of snappers and groupers in the Gulf of Mexico and Caribbean Sea as determined from exploratory fishing data. Pages 129-164 in H. R. Bullis, Jr. and A. C. Jones, editors. Proceedings: colloquium on snapper-grouper fishery resources of the western central Atlantic Ocean. Florida Sea Grant Program, Report 17, Gainesville, Florida, USA.
- Ronquillo, I.A. 1950. Anatomical evidence in cases of fish killed by explosives. Bulletin of Fish Society of the Phillipines 1: 52-56.

- Rooker, J. R., and G. D. Dennis. 1991. Diel, lunar and seasonal changes in a mangrove fish assemblage off southwestern Puerto Rico. *Bull. Mar. Sci.* 49(3): 684-698.
- Root, T. L., and S. H. Schneider. 1995. Ecology and climate: Research strategies and implications. *Science* 269:334-341.
- Rose, C. D., and W.W. Hassler. 1974. *Trans. Am. Fish. Soc.*, 103, 182-190.
- Ross, J. 1989. Commercial and recreational fisheries off North Carolina's Outer Banks. Pages 40-44 in K. Crawford (ed.). The natural resources associated with Mobil's proposed drill site. Proceedings of the 1989 Marine Expo, Oct. 6, 1989, Wilmington, NC. NC Outer Continental Shelf Office, Raleigh, NC.
- Ross, J. L. 1978. Life history aspects of the gray tilefish, *Caulolatilus microps* (Goode and Bean, 1878). M.S. thesis, College of William and Mary, Williamsburg, VA. 120 p.
- Ross, J. L. 1982. Feeding habitats of the gray tilefish, *Caulolatilus microps* (Goode and Bean, 1878) from North Carolina and South Carolina waters. *Bull. Mar. Sci.* 32: 448-454.
- Ross, J. L., and G. R. Huntsman. 1982. Age, growth, and mortality of blueline tilefish from North Carolina and South Carolina. *Trans. Am. Fish. Soc.* 111: 585-592.
- Ross, J. L., and J. V. Merriner. 1982. Reproductive biology of the blueline tilefish, *Caulolatilus microps* (Goode and Bean 1878) off North Carolina and South Carolina. In Huntsman, Nicholson and Fox (eds.). Biological bases for reef fish management. Beaufort, North Carolina. U. S. Department of Commerce, NOAA Tech. Memo. NMFS-SEFSC-80. 216pp.
- Ross, J.L., D. Moye and Beth Burns. 1987. Assessment of North Carolina Fisheries. N.C. Department of Natural Resources and Community Development, Division of Marine Fisheries.
- Rountree, R.A. 1989. Association of fishes with fish aggregation devices: effects of structure size on fish abundance. *Bull. Mar. Sci.* 44:960-972.
- Rountree, R.A. 1990. Community structure of fishes attracted to shallow water fish aggregation devices off South Carolina, U.S.A. *Environ. Biol. Fish.* 29:241-262.
- Rozas, L.P. and C. Hackney. 1983. The importance of oligohaline estuarine wetland habitats to fisheries resources. *Wetlands* 3:77-89.
- Rozas, L.P. and C. Hackney. 1984. Use of oligohaline marshes by fishes and macrofaunal crustaceans in North Carolina. *Estuaries* 7:213-224.
- Rozas, L.P. and D.J. Reed. 1994. Comparing nekton assemblages of subtidal habitats in pipeline canals traversing brackish and saline marshes in coastal Louisiana. *Wetlands* 14:262-275.
- Rozas, L.P. and T.J. Minello. 1997. Estimating densities of small fishes and decapod crustaceans in shallow estuarine habitats: a review of sampling design with focus on gear selection. *Estuaries* 20:199-213.
- Rozas, L.P. and W.E. Odum. 1987a. Fish and macrocrustacean use of submerged plant beds in tidal freshwater marsh creeks. *Marine Ecology (Prog. Ser.)* 38:101-108.
- Rozas, L.P. and W.E. Odum. 1987b. The role of submerged aquatic vegetation in influencing the abundance of nekton on contiguous tidal fresh-water marshes. *J. Exp. Mar. Biol. Ecol.* 114:289-300.
- Rozas, L.P. and W.E. Odum. 1988. Occupation of submerged aquatic vegetation by fishes: testing the roles of food and refuge. *Oecologia* 77:101-106.
- Rudek, J. 1997. Atmospheric nitrogen deposition and ecosystem health in North Carolina: a public perspective. 15 pp.

8.0 References

- Rulifson, R., D. Stanley and J. Cooper. 1986. Food and feeding of young striped bass in Roanoke River and western Albemarle Sound, North Carolina, 1984-1985. Institute for Coastal and Marine Resources Technical Report 86-02.
- Rulifson, R.A. 1994. Status of anadromous *Alosa* stocks along the East Coast of North America. Pp. 134-158 In Anadromous *Alosa* Symposium. American Fisheries Society, Tidewater Chapter, Bethesda, MD.
- Rulifson, R.A. 1985. Distribution and abundance of fishes in tributaries of South Creek Estuary, North Carolina. *The Journal of the Elisha Mitchell Scientific Society* 101(2):160-176.
- Rulifson, R.A. and B.L. Wall. 1998. Fish passage through water control structures at Mattamuskeet National Wildlife Refuge, North Carolina, using flap gates and fish slots. Institute for Coastal and Marine Resources, East Carolina University, Greenville, NC. Interim Report to U.S. Department of the Interior, Fish and Wildlife Service. 7 pp. + tables
- Rulifson, R.A. and B.L. Wall. 1998. Fish passage through water control structures at Mattamuskeet National Wildlife Refuge, North Carolina, using flap gates and fish slots. Institute for Coastal and Marine Resources, East Carolina University, Greenville, NC. Interim Report to U.S. Department of the Interior, Fish and Wildlife Service. 7 pp. + tables
- Rulifson, R.A., M.T. Huish and R.W. Thoesen. 1982. Anadromous fish in the southeastern United States and recommendations for development of a management plan. U.S. Fish and Wildlife Service, Fisheries Resources Program, Atlanta, GA. 525 pp.
- Rutherford, E. S., T. W. Schmidt, and J. T. Tilmant. 1989. Early life history of spotted seatrout, *Cynoscion nebulosus*, and gray snapper, *Lutjanus griseus*, in Florida Bay. *Everglades National Park, Florida. Bull. Mar. Sci.* 44:49-69.
- Rutherford, E.S., E.B. Thue and D.G. Buker. 1993. Poulation structure, food habits, and spawning activity of gray snapper, *Lutjanus griseus* in the Everglades National Park. Homestead, Florida: Everglades N.P. South Florida Research Center SFRC- 83/02: 41p.
- Rutherford, E.S., J.T. Tilmant, E.B. Thue, and T.W. Schmidt. 1989. Fishery harvest and population dynamics of gray snapper, *Lutjanus griseus*, in Florida Bay and adjacent waters. *Bull. Mar. Sci.* 44:139-154.
- Ryall, P.J.C. and B.T. Hargrave. 1984. Attraction of the Atlantic wreckfish (*Polyprion americanus*) to an unbaited camera on the mid-Atlantic ridge. *Deep Sea Research.* 31(1):79-83.
- Ryland, J.S. 1974. Observations on some epibionts of gulfweed, *Sargassum natans* (L.) Meyen. *J. Exp. Mar. Biol.Ecol.* 14:17-25.
- Ryther, J. and W. Dunstan. 1971. Nitrogen, phosphorus, and eutrophication in the coastal marine environment. *Science* 171:375-380.
- Ryther, J.M. 1956. The Sargasso Sea. *Sci. Am.* 194(1):98-104.
- SAFMC and GMFMC. 1994. Amendment 2 to the Fishery Management Plan for Coral and Coral Reefs, (Including Supplemental Environmental Impact Statement, Regulatory Impact Review, and Initial Regulatory Flexibility Analysis). South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699. 140 pp.
- SAFMC. 1981. Profile of the penaeid shrimp fishery in the South Atlantic. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407, 321 pp.
- SAFMC. 1983a. Fishery Management Plan, Regulatory Impact Review and Final Environmental Impact Statement for the Snapper Grouper Fishery of the South Atlantic

- Region. South Atlantic Fishery Management Council, 1 Southpark Circle, Suite 306, Charleston, South Carolina, 29407-4699, 237 pp.
- SAFMC. 1983b. South Atlantic Fishery Management Council. Source Document for the Snapper Grouper Fishery of the South Atlantic Region.
- SAFMC. 1988. Amendment Number 1 and Environmental Assessment and Regulatory Impact Review to the Fishery Management Plan for the Snapper Grouper Fishery of the South Atlantic Region. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699. 63 pp.
- SAFMC. 1990a. Amendment Number 2 (Jewfish), Regulatory Impact Review, Initial Regulatory Flexibility Analysis and Environmental Assessment for the Fishery Management Plan for the Snapper Grouper Fishery of the South Atlantic Region. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699. 42 pp.
- SAFMC. 1990b. Amendment Number 3 (Wreckfish), Regulatory Impact Review, Initial Regulatory Flexibility Analysis and Environmental Assessment for the Fishery Management Plan for the Snapper Grouper Fishery of the South Atlantic Region. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699. 65 pp.
- SAFMC. 1991a. Amendment Number 5, Regulatory Impact Review, Initial Regulatory Flexibility Analysis and Environmental Assessment for the Fishery Management Plan for the Snapper Grouper Fishery of the South Atlantic Region. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699. 111 pp.
- SAFMC. 1991b. Amendment Number 4, Regulatory Impact Review, Initial Regulatory Flexibility Analysis and Environmental Assessment for the Fishery Management Plan for the Snapper Grouper Fishery of the South Atlantic Region. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699. 200 pp.
- SAFMC. 1991c. Draft Update Source Document for the Fishery Management Plan for the Snapper Grouper Fishery of the South Atlantic Region. South Atlantic Fishery Management Council, 1 Southpark Circle, Suite 306, Charleston, South Carolina, 29407-4699.
- SAFMC. 1993a. Fishery Management Plan for Shrimp Fishery of the South Atlantic Region Including a Final Environmental Impact Statement and Regulatory Impact Review. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699. 300 pp.
- SAFMC. 1993b. Amendment Number 6, Regulatory Impact Review, Initial Regulatory Flexibility Analysis and Environmental Assessment for the Fishery Management Plan for the Snapper Grouper Fishery of the South Atlantic Region. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699. 155 pp.
- SAFMC. 1994a. Amendment Number 7, Regulatory Impact Review, Initial Regulatory Flexibility Analysis and Environmental Assessment for the Fishery Management Plan for the Snapper Grouper Fishery of the South Atlantic Region. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699. 282 pp.
- SAFMC. 1994b. Regulatory Amendment Number 6, Regulatory Impact Review, Initial Regulatory Flexibility Analysis and Environmental Assessment for the Fishery Management Plan for the Snapper Grouper Fishery of the South Atlantic Region. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699. 300 pp.

8.0 References

- SAFMC. 1995. Amendment 3 to the fishery management plan for coral, coral reefs and live /hard bottom habitats of the South Atlantic region. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699. 237 pp.
- SAFMC. 1996. Amendment 1 to the Fishery Management Plan for the Shrimp Fishery of the South Atlantic Region (Rock Shrimp). South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699, 196 pp.
- SAFMC. 1997. Amendment Number 8, Regulatory Impact Review, Social Impact Assessment, Initial Regulatory Flexibility Analysis and Supplemental Environmental Impact Statement for the Fishery Management Plan for the Snapper Grouper Fishery of the South Atlantic Region. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699.
- SAFMC. 1998a. Draft Habitat Plan for the South Atlantic Region: Essential Fish Habitat Requirements for Fishery Management Plans of the South Atlantic Fishery Management Council. May 1998. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699. 639pp.
- SAFMC. 1998b. Draft Comprehensive Amendment Addressing Essential Fish Habitat in Fishery Management Plans of the South Atlantic Region. Including a Draft Environmental Impact Statement /Supplemental Environmental Impact Statement, Initial Regulatory Flexibility Analysis, Regulatory Impact Review, and Social Impact Assessment/Fishery Impact Statement. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699. 136pp.
- SAFMC. 1998c. Draft Comprehensive Amendment Addressing Sustainable Fisheries Act Definitions and Other Required Provisions in Fishery Management Plans of the South Atlantic Region. Including a Draft Environmental Assessment, Initial Regulatory Flexibility Analysis, Regulatory Impact Review, and Social Impact Assessment/Fishery Impact Statement. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699. 275pp.
- SAFMC. 1998d. Draft Fishery Management Plan for Pelagic *Sargassum* Habitat of the South Atlantic Region. Including a Draft Environmental Impact Statement, Initial Regulatory Flexibility Analysis, Regulatory Impact Review, and Social Impact Assessment/Fishery Impact Statement. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699. 121pp.
- SAFMC. 1998e. Draft Fishery Management Plan for the Calico Scallop Fishery of the South Atlantic Region. Including a Draft Environmental Impact Statement, Initial Regulatory Flexibility Analysis, Regulatory Impact Review, and Social Impact Assessment/Fishery Impact Statement. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699. 131pp.
- SAFMC. 1998f. Amendment Number 9, Regulatory Impact Review, Social Impact Assessment, Initial Regulatory Flexibility Analysis and Supplemental Environmental Impact Statement for the Fishery Management Plan for the Snapper Grouper Fishery of the South Atlantic Region. South Atlantic Fishery Management Council, 1 Southpark Cir., Ste 306, Charleston, S.C. 29407-4699.
- Sandifer, P.A., J.V. Miglarese, D.R. Calder, et al. 1980. Ecological characterization of the Sea Island coastal region of South Carolina and Georgia. Vol. III: biological features of the characterization area. U.S. Fish and Wildlife Service, Office of Biological Services, Washington, D.C. FWS/OBS-79/42:1-620.

- Sandifer, P.A., J.V. Miglarese, D.R. Calder, J.J. Manzi, and L.A. Barclay, (eds.) 1980. Ecological characterization of the sea island coastal region of South Carolina and Georgia, vol. III, biological features of the characterization area. U.S. Fish Wildl. Serv. Biol. Serv. Program. FWS/OBS-79/42, U.S. Department of the Interior, Washington, DC. 620pp.
- Sargent, F.J., T.J. Leary, D.W. Crewz and C.R. Kruer. 1995. Scarring of Florida's seagrasses: assessment and management options. FMRI Technical Report TR-1. 46 pp.
- Sauber, J. 1998. Personal communication. NCDENR. Division of Water Quality. Raleigh, North Carolina.
- Schaaf, W.E., D.S. Peters, D.S. Vaughan, L. Coston-Clements, and C.W. Krouse. 1987. Fish population responses to chronic and acute pollution: the influence of life history strategies. *Estuaries* 10: 267-275.
- Schelske, C. L. and E. P. Odum. 1961. Mechanisms maintaining high productivity in Georgia estuaries. *Proc. Gulf Caribb. Fish. Inst.* 14:75-80.
- Schneider, C.W. and R.B. Searles. 1991. Seaweeds of the southeastern United States. Duke Univ. Press, Durham, NC, 553 p.
- Schoener, A. And G.T. Rowe. 1970. Pelagic *Sargassum* and its presence among the deep-sea benthos. *Deep-Sea Res.* 17:923-925.
- Schreck, C.B. 1990. Physiological, behavioral and performance indicators of stress. *American Fisheries Society Symposium* 8:29-37.
- Schreiber, R. A., and T. A. Gill. 1995. Identification and mapping of essential fish habitat: an approach to assessment and protection. Habitat Policy and Management Division, NMFS; and Strategic Environmental Assessments Division, NOS, NOAA. 40 pp.
- Schroeder, W.C. 1930. A record of *Polyprion americanus* (Bloch and Schneider) from the northwestern Atlantic. *Copeia*. 2:46-48.
- Schwartz, F.J. 1988. Aggregations of young hatchling loggerhead sea turtles in the sargassum off North Carolina. *Mar. Turtle Newsletter* 42:9-10.
- Schwartz, F.J. 1989. Biology and ecology of sea turtles frequenting North Carolina. Pages 307-321 in R.Y. George and A.W. Hulbert (eds.), North Carolina coastal oceanography symposium. National Undersea Res. Prog. Res. Rep 89-2.
- Schwartz, F.J. 1989. Zoogeography and ecology of fishes inhabiting North Carolina's marine waters to depths of 600 meters. Pages 335-374 in R.Y. George and A.W. Hulbert (eds.). North Carolina coastal oceanography symposium. NOAA/NURP Res. Rep. 89-2, 582 p.
- Scott, G.I. 1997. Assessment of risk reduction strategies for the management of agricultural non-point-source runoff in estuarine ecosystems of the southeastern U.S.. Unpublished report of the National Marine Fisheries Service, Charleston Laboratory. 5 pp.
- Scott, G.I., M.H. Fulton, J.Kucklick, T. Siewicki, T. Shearer, F. Holland, T. Chandler and D. Porter. 1997. Chemical Contaminants in the South Atlantic Bight: A Myriad of Contaminants-Which Ones Count? In: G.S. Kleppel and M. R. DeVoe (eds). The South Atlantic Bight land use - coastal ecosystem study (LU-CES) Report of a planning workshop. Univ. Georgia Sea Grant Program and South Carolina Sea Grant Program. pp 36-37.
- Sea Grant. 1976. Ecological determinants of coastal area management, Vol.1 - An overview & Vol. 2 - appendices. Sea Grant Publication UNC-SG-76-05, April 1976.
- SEAMAP. 1996. Southeast Area Monitoring and Assessment Program (SEAMAP), SEAMAP-South Atlantic Committee, Shrimp Bycatch Work Group, Final Report, Estimates of

8.0 References

- Finfish Bycatch in the South Atlantic Shrimp Fishery, edited by Robin Peuser, ASMFC, 1444 Eye St., NW, Sixth Floor, Washington, DC 20005, April 1996.
- Senta, T. 1966a. Experimental studies on the significance of drifting seaweeds for juvenile fishes - I. Experiments with artificial drifting seaweeds. *Bull. Jap. Soc. Sci. Fish.* 32:639-642.
- Senta, T. 1966b. Experimental studies on the significance of drifting seaweeds for juvenile fishes - II. Experiments on the effect of light intensity. *Bull. Jap. Soc. Sci. Fish.* 32:643-646.
- Senta, T. 1966c. Experimental studies on the significance of drifting seaweeds for juvenile fishes - III. Experiments on visual stimulations. *Bull. Jap. Soc. Sci. Fish.* 32:693-696.
- Serafy, J. E., K. C. Lindeman, T. E. Hopkins, and J. S. Ault. 1997. Effects of freshwater canal discharges on subtropical marine fish assemblages: field and laboratory observations. *Mar. Ecol. Prog. Ser.* 160: 161-172.
- Settle, L.R. 1993. Spatial and temporal variability in the distribution and abundance of larval and juvenile fishes associated with pelagic *Sargassum*. M.Sc. Thesis, Univ. NC at Wilmington, 64 p.
- Settle, L.R., H.J. Walsh, J.D. Fuss and D.S. Peters. 1996. Utilization of backwater habitats on the lower Roanoke River by anadromous clupeids. National Marine Fisheries Service, Beaufort, NC. Progress report to U.S. Department of the Interior, Fish and Wildlife Service, Roanoke River National Wildlife Refuge, Windsor, NC. 25 pp. + figures.
- Shanks, A.L. 1988. Further support for the hypothesis that internal waves can cause shoreward transport of larval invertebrates and fish. *Fish. Bull.* 86:703-714.
- Shapiro, D. Y., D. A. Hensley, and R. A. Appeldoorn. 1988. Pelagic spawning and egg transport in coral-reef fishes: a skeptical overview. *Environ. Biol. Fishes* 22:3-14.
- Shinn, E.A. 1963. spur and grove formation on the Florida Reef. *J. of Sedimentary Petrology* 33 (2): 291-303.
- Shinn, E.A. 1972. Coral reef recovery in Florida and in the Persian Gulf. Environmental Conservation Dept. , Shell Oil Company , Houston, Texas
- Shinn, E.A. 1979. Geologic history of Grecian rocks , Key Largo coral Marine Sanctuary. Draft Report submitted to the office of Coastal Zone Management. NOAA. Washington, D.C.
- Shinn, E.A. 1979. Pers. comm. U.S. Department of the Interior, Geological Survey. Fisher Island Station, Miami, Florida.
- Shipman, S. 1983a. Survey of Georgia's major marine resources. In: S. Shipman, V. Baisden, and H. Ashley, eds. Studies and assessment of Georgia's marine fisheries resources 1977-1981. Chapter I. Ga. Dep. Nat. Resour. Compl. Rep. P.L 88-309 Proj. 2-319-R. 503 pp.
- Shojima, Y. and K. Ueki. 1964. Studies on the larvae and juveniles of fishes accompanying floating algae - II. Research in the vicinity of Tsuyazaki, during April, 1958 -Mar., 1959. *Bull. Jap. Soc. Sci. Fish.* 30:248-254.
- Short, F.T. and S. Wyllie-Echeverria. 1996. Natural and human-induced disturbance of seagrasses. *Environ. Cons.* 23:17-27.
- Shulman, M. J. and J. C. Ogden. 1987. What controls tropical reef fish populations: recruitment or benthic mortality? An example in the Caribbean reef fish, *Haemulon flavolineatum*. *Mar. Ecol. Prog. Ser.* 39:233-242.
- Sieburth, J. McN. and J.T. Conover. 1965. *Sargassum* tannin, an antibiotic which retards fouling. *Nature* 208:52-53.

- Simmons, E.G. and J. P. Breuer. 1962. A study of redfish (*Sciaenops ocellatus* Linnaeus) and black drum (*Pogonias cromis* Linnaeus). Publications of the institute of Marine Science, University of Texas. 8:184:211.
- Skaggs, R., W. Gilliam and R. Evans. 1991. A computer simulation study of pocosin hydrology. Wetlands 11:399-416.
- Skaggs, R., W. Gilliam, T. Sheets and S. Barnes. 1980. Effect of agricultural land development on drainage waters in the North Carolina tidewater region. WRRRI Report 80-159, 164 pp.
- Smayda, T. 1989. Primary production and the global epidemic of phytoplankton blooms in the sea: is there a linkage? *In*: E. Cooper, V. Bricejl, and E. Carpenter (eds). Novel Phytoplankton Blooms, Coastal Estuary Studies, Springer-Verlag, New York, pp. 449-483.
- Smith, C. L. 1971. A revision of the American groupers: *Epinephelus* and allied genera. Bulletin of American Museum of Natural History 146(2):67-242.
- Smith, G.B. 1976. Ecology and distribution of eastern Gulf of Mexico reef fishes. Fla. Mar. Res. Publ. 19: 78 pp.
- Smith, N.P. 1994. Long-term Gulf-to-Atlantic transport through tidal channels in the Florida Keys. Bull. Mar. Sci. 54:602-609.
- Smith, R. D., A. Ammann, C. Bartoldus, and M. M. Brinson. 1995. An approach for assessing wetland functions using hydrogeomorphic classification, reference wetlands, and functional indices. U. S. Army Corps of Engineers, Technical Report WRP-DE-9.
- Smith, W.G. 1968. A neonate Atlantic loggerhead turtle, *Caretta caretta*, captured at sea. Copeia 1968:880-881.
- Smock, L.A. and E. Gilinsky. 1992. Coastal plain blackwater streams. pp. 271-313 *In* C.T. Hackney, S.M. Adams and W.H. Martin (eds.). Biodiversity of the Southeastern United States: aquatic communities. John Wiley and Sons, Inc., NY. 779 pp.
- Smock, L.A., E. Gilinsky and D.L. Stoneburner. 1985. Macroinvertebrate production in a southeastern United States blackwater stream. Ecology 66:1491-1503.
- Sniffen, R.P. 1981. Benthic invertebrate production during seasonal inundation of a floodplain swamp. PhD Dissertation. University of North Carolina, Chapel Hill.
- Sorokin, Y.I. 1973c. Microbial aspects of the productivity of the coral reefs. p.17-45. *In*: O.A. Jones and R.Endean (eds.) Biology and geology of coral reefs , Vol.II., Biology 1. Academic Press New York.
- Sogard, S. M., G. V. N. Powell, and J. G. Holmquist. 1987. Epibenthic fish communities on Florida Bay banks: relations with physical parameters and seagrass cover. Mar. Ecol. Prog. Ser. 40:25-39.
- South Atlantic Fishery Management Council (SAFMC). 1998. South Atlantic update. January 1998. SAFMC, Charleston, SC.
- Southwick, C.H. and F.W. Pine. 1975. Abundance of submerged vascular vegetation in the Rhode River from 1966 to 1973. Chesapeake Science 16:147-151.
- Spiller, H. And K.T. Shanmugam. 1987. Physiological conditions for nitrogen fixation in a unicellular marine cyanobactium, *Synechococcus* sp. Strain SF1. J. Bacteriol. 169:5379-5384.
- Springer, S. and H.R. Bullis. 1956. Collections by the Oregon in the gulf of Mexico. US Fish Wildl. Ser., Spec. Sci. Rep. 196: 1-134.
- Springer, V.G. and K.D. Woodburn. 1960. An ecological study of the fishes of the Tampa Bay area. Fla.St.Bd.of Conser. Prof. Pap.Ser.No. 1:104.
- Squires, D.F. 1963. Modern tools probe deepwater. Natural History 72(6):22-29.

8.0 References

- St. Amant, L. S. and M. Lindner. 1966. The shrimp fishery of the Gulf of Mexico. Gulf States Fish. Comm. Inf. Ser. No. 3. 9 pp.
- St. Amant, L. S., J. G. Broom, and T. B. Ford. 1966. Studies of the brown shrimp, *Penaeus aztecus*, in Barataria Bay, Louisiana, 1962-1965. Proc. Gulf Caribb. Fish. Inst. 18:1-17.
- Stanley, D. 1985. Nationwide review of oxygen depletion and eutrophication in estuarine and coastal waters--southern region: Washington, D.C., Completion Report for Contract 182646-S, Ocean Assessment Division, National Ocean Survey, National Oceanic and Atmospheric Administration, 354 pp.
- Starck, W. A. 1968. A list of fishes of Alligator Reef, Florida, with comments on the nature of the Florida reef fish fauna. Undersea Biol. 1:1-39.
- Starck, W. A. 1970. Biology of the gray snapper, *Lutjanus griseus* (Linnaeus), in the Florida Keys. Stud. Trop. Oceanogr. Univ. Miami 10:1-150.
- Stark, II, W.A. and W.P. Davis. 1966. Night habits of fishes of Alligator Reef, Florida. Ichthyologica 4:313-356.
- Steimle F. and B. Figley. 1996. *Importance of Artificial Reef Epifauna to Black Sea Bass Diets in the Middle Atlantic Bight.* " In *North American Journal of Fisheries Management*, Vol 16, pp. 433-439.
- Steinberg, P.D. 1988. Effects of quantitative and qualitative variation in phenolic compounds on feeding in three species of marine invertebrate herbivores. J. Exp. Mar. Biol. Ecol. 120:221-237.
- Stetson, R.T., Uchupi, E. and J.D. Milliman. 1979. Surface and subsurface morphology of two small areas of the Blake Plateau. Trans. Gulf Coast Assoc. Geol. Soc. 19:131-142.
- Stetson, T.R. , D.F. Squires and R.M. Pratt.1962. Coral banks occurring in deep water on the Blake Plateau. American Museum Novities No. 2114. pp. 1-39.
- Stevenson, J.C., L.G. Ward, and M.S. Kearney. 1986. Vertical accretion in marshes with varying rates of sea level rise. Pp. 241-259 in: D.A. Wolfe (ed). *Estuarine Variability*. Academic Press, New York.
- Stolpe, N. 1997. New Jersey Fishnet. November 2. 1997.
- Stommel, H. 1965. The Gulf Stream. Univ. Calif. Press, Berkeley, CA. 248 p.
- Stone, R.B., H.L. Pratt, R.O. Parker, Jr., and G.E. Davis. 1979. A comparison of fish populations on an artificial and natural reef in the Florida Keys. Mar. Fish. Rev. 9:1-11.
- Stoneburner, D.L. and L.A. Smock. 1979. Seasonal fluctuations of macroinvertebrate drift in a South Carolina Piedmont stream. Hydrobiologia 63:49-56.
- Stoner, A.W. 1983. Pelagic sargassum: evidence for a major decrease in biomass. Deep-Sea Res. 30:469-474.
- Stoner, A.W. and H.S. Greening. 1984. Geographic variation in the macrofaunal associates of pelagic *Sargassum* and some biogeographic implications. Mar. Ecol. Prog. Ser. 20:185-192.
- Struhsaker, P. 1969. Distribution and potential of the continental shelf stocks off the southeastern United States. Fish. Indust. Res. 4:261-300.
- Sutherland, D.L. 1989. Mortalities of reef fish in traps. NOAA, NMFS, SEFC, Miami Laboratory, Coastal Resources Division Contribution No. CRD-88/89-03, 10 pp.
- Sutherland, D.L. and D.E. Harper. 1983. The wire fish-trap fishery of Dade and Broward counties, Florida, December 1979 - September 1980. Fla. Mar. Res. Publ. No. 40, 21 pp.
- Swain, H. M. et al. 1995. Indian River Lagoon Biodiversity Conference. Bull. Mar. Sci. Vol. 57.

- Swift, C.C., C.R. Gilbert, S.A. Bortone, G.H. Burgess and R.W. Yerger. 1986. Zoogeography of the freshwater fishes of the southeastern United States: Savannah River to Lake Pontchartrain. In C.H. Hocutt and E.O. Wiley (eds.), The Zoogeography of North American Freshwater Fishes. New York, Wiley.
- Tabb, D.C. and R.B. Manning. 1961. A checklist of the flora and fauna of northern Florida bay and adjacent brackish waters of the Florida mainland collected during the period July, 1957 through September, 1960. Bull. Mar. Sci. Gulf and Carib. 11(4) : 552-649.
- Tagatz, M.E. 1967. Fishes of the St. Johns River, Florida. Q.J. Fla. Acad. Sci. 30:25-50.
- Tagatz, M.E. 1968. Biology of the blue crab, *Callinectes sapidus* Rathbun, in the St. John's River, Florida. Fish. Bull. 67:17-33.
- Taylor, R. and R. McMichael. 1981. Pers. comm. Florida Department of Natural Resources, St. Petersburg, Florida.
- Taylor, R.G. and R.H. McMichael, Jr. 1983. The wire fish-trap fisheries in Monroe and Collier counties, Florida. Fla. Mar. Res. Publ. No. 39, 19 pp.
- Taylor, W.R. 1960. Marine algae of the eastern tropical and subtropical coasts of the Americas. Univ. Mich. Press, Ann Arbor, MI, 870 p.
- Teal, J. and M. Teal. 1975. The Sargasso Sea. Little, Brown and Co., Boston, MA. 216 p.
- Teal, J. and M. Teal. 1969. Life and death of the salt marsh. New York, NY: Audubon/Ballentine Books. 274 pp.
- Teal, J. M. 1962. Energy flow in the salt marsh ecosystem of Georgia. Ecology 43:614-624.
- Teas, H.J., H.R. Wanless, and R. Chardon. 1976. Effects of man on the shore vegetation of Biscayne Bay. In: Thorhaug, A. (ed.) Biscayne Bay: past/present/future. University of Miami Sea Grant Spec. Rep. No. 5.
- Telesnicki, G. J. and W. M. Goldberg. 1995a. Effects of turbidity on the photosynthesis and respiration of two South Florida reef coral species. Bull. Mar. Sci. 57(2):527-539.
- Telesnicki, G. J. and W. M. Goldberg. 1995b. Comparison of turbidity measurement by transmissometry and its relevance to water quality standards. Bull. Mar. Sci. 57(2):540-547.
- Temple, R. F. and C. C. Fischer. 1967. Seasonal distribution and relative abundance of planktonic-stage shrimp (*Penaeus* sp.) in northwestern Gulf of Mexico, 1961. Fish Bull. 66:323-334.
- Tester, P. 1998. Personal communication. NMFS Beaufort Laboratory, Beaufort, NC.
- Tester, P., P. Fowler, and J. Turner. 1989. Gulf Stream transport of the toxic red tide dinoflagellate *Ptychodiscus brevis* from Florida to North Carolina. In: E. Cospes, V. Bricelj and E. Carpenter (eds), Novel Plankton Blooms, Coastal Estuary Studies, Springer-Verlag, pp. 349-358.
- Thayer, G. W. (ed.) 1992. Restoring the nation's marine environment. Maryland Sea Grant Book, College Park, MD.
- Thayer, G. W. and A. J. Chester. 1989. Distribution and abundance of fishes among basin and channel habitats in Florida Bay. Bull. Mar. Sci. 44(1):200-219.
- Thayer, G. W., and P. F. Sheridan. In press. Fish and aquatic invertebrate use of the mangrove prop-root habitat in Florida: A review. In: A. Yanez-Arancibia y A. L. Lara-Dominquez (eds.) Mangrove ecosystems in tropical America: Structure, function and management. EPOMEX Serie Cientifica.
- Thayer, G. W., D. A. Wolfe, and R. B. Williams. 1975. The impact of man on seagrass systems. American Scientist 63:288-296.

8.0 References

- Thayer, G. W., D. R. Colby, and W. F. Hettler. 1987. Utilization of the red mangrove prop root habitat by fishes in South Florida. *Mar. Ecol. Prog. Ser.* 35: 25-28.
- Thayer, G. W., R. R. Twilley, S. C. Snedaker, and P. F. Sheridan. In press. Research information needs on U.S. mangroves: Recommendations to the United States National Oceanic and Atmospheric Administration's Coastal Ocean Program from an Estuarine Habitat Program-funded workshop. *In* A. Yanez-Arancibia y A. L. Lara-Dominiques (eds.). *Mangrove ecosystems in tropical America: Structure, function and management.* EPOMEX Serie Cientifica.
- Thayer, G., W. Kenworthy and M. Fonseca. 1984. The ecology of eelgrass meadows of the Atlantic Coast: a community profile. FWS/OBS-84/02. 147 pp.
- Thayer, G.W., K.A. Bjorndal, J.C. Ogden, S.L. Williams and J.C. Zieman. 1984. Role of larger herbivores in seagrass communities. *Estuaries* 7:351-376.
- Thayer, G.W., W.J. Kenworthy, and M.S. Fonseca. 1984. The ecology of eelgrass meadows of the Atlantic coast: a community profile. U.S. Fish and Wildlife Service, FWS/OBS-84/02, Washington, DC, USA: 147 pp.
- Thomas, J. P. 1995. Remote sensing and relating coastal development to living marine resources and their habitats. *Natural Areas J.* 15:21-36.
- Thompson, R. and J. L. Munro. 1978. Aspects of the biology and ecology of Caribbean reef fishes: Serranidae (hinds and groupers). *Journal of Fish Biology* 12:115-146.
- Thorp, A.G., R.C. Jones and D.P. Kelso. 1997. A comparison of water-column macroinvertebrate communities in beds of differing submersed aquatic vegetation in the tidal freshwater Potomac River. *Estuaries* 20:86-95.
- Thresher, R. E. 1984. *Reproduction in reef fishes.* TFH Publications, Neptune City, NJ. 399 pp.
- Tilmant, J. T. 1979. Observations on the impacts of shrimp roller frame trawls operated over hard-bottom communities, Biscayne Bay, Florida. *Natl. Park Serv. Rep. Ser. No. P-553*, 23 pp. Cited from Van Dolah et al. (1987).
- Tilmant, J.T. 1979. Observations on the impacts of shrimp roller frame trawls operated over hard-bottom communities, Biscayne Bay, Florida. *Natl. Park. Serv. Rep. Ser. No. P-553*, 23 p.
- Tilmant, J.T. , W.C. Jaap, J. L. Wheaton, W. Hudson, 1989. *M/V Mavro Vetric Grounding , Pulaski Shoal Reef, Ft. Jefferson National Monument. Environmental Impact Assessment Report*, 47pp.
- Tilmant, J.T. , W.C. Jaap, J.L. Wheaton, W. Hudson, 1989. *m/V Mavro Vetric Grounding , Pulaski Shoal Reef, Ft. Jefferson National Monument. Environmental impact Assessment Report*, 47pp.
- Tiner, R. 1984. Wetlands of the U.S.: current status and recent trends. U.S. Fish and Wildlife Service. *National Wetlands Inventory.* Washington, D.C. 59 pp.
- Tiner, R. W., Jr. 1991. Recent changes in estuarine wetlands of the coterminous United States. *Coastal Wetlands, Coastal Zone '91 Conference-ASCE*, held Long Beach, CA, July 1991, pp. 100-109.
- Tiner, R.W., Jr. 1977. An inventory of South Carolina's coastal marshes. S.C. Marine Resources Center, *Tech. Rep. 23.* 32 pp.
- Tomlinson, P. B. 1986. *The Botany of Mangroves.* Cambridge University Press, Cambridge, England.

- Tomlinson, P.B. 1969. Aspects of floral morphology and anatomy of turtlegrass, *Thalassia testudinum* (Hydrocharitaceae). III. Floral morphology and anatomy. *Bull. Mar. Sci.* 19:286- 305.
- Trusdale, F. M. 1970. Some ecological aspects of commercially important decapod crustaceans in low salinity marshes. Ph.D. Diss. Texas A&M Univ., College Station, Texas. 164 pp.
- Tunncliffe, V.J. 1980. Biological and Physical Processes Affecting the Survival of a Stony Coral, *Acropora cervicornis*. Ph.D. Yale University.
- Turmel, R.G. and R.J. Swanson. 1976. The development of Rodriguez Bank, a Holocene mudbank in the Florida reef tract. *Journal of Sedimentary Petrologists* 46: 497-518.
- Turner, C.S. 1978. Decay of two freshwater tidal marsh plants. MS Thesis. University of Virginia, Charlottesville.
- Turner, R. E. 1977. Intertidal vegetation and commercial yields of penaeid shrimp. *Trans. Am. Fish. Soc.* 106:411-416.
- Turner, R.E. and D.F. Boesch. 1987. Aquatic animal production and wetland relationships: insights gleaned following wetland loss or gain. **In:** D.D. Hook et al. *The Ecology and Management of Wetlands, Vol. 1: Ecology of Wetlands.* Timber Press. Portland, Oregon. pp. 25-39.
- Twilley, R.T., L.R. Blanton, M.M. Brinson and G.J. Davis. 1985. Biomass production and nutrient cycling in aquatic macrophyte communities of the Chowan River, North Carolina. *Aquatic Botany* 22:231-252.
- U.S. Army Corps of Engineers. 1979. Final environmental impact statement, Wilmington Harbor, Cape Fear River. Wilmington District, Wilmington, NC. 247 pp.
- U.S. Army Corps of Engineers. 1980. Oregon Inlet Larval Transport Sensitivity Study. Unpublished report. Wilmington District, N.C.
- U. S. Department of Commerce. 1991. Population trends and congressional apportionment. Economics and Statistics Administration, Bureau of the Census, U. S. Government Printing Office, Washington, D. C.
- U.S. Department of Commerce. 1991. Letter to U.S. Army Corps of Engineers from National Marine Fisheries Service Regional Director, Southeast Region. July 19, 1991.
- U. S. Department of Commerce. 1994. Fisheries Statistics of the United States, 1993. Current Fisher Statistics No. 9300. U.S. Government Printing Office, Washington, D. C.
- U.S. Department of Commerce, 1996. Florida Keys National Marine Sanctuary management plan/ environmental impact statement. National Oceanic and Atmospheric Administration. 753 pp.
- U.S. Department of Commerce. 1997. General description of non-fishing threats to essential fish habitat in the mid-Atlantic region (draft). NOAA/NMFS Unpublished document 20 p.
- U.S. Dept. of Commerce, 1996. Florida Keys National Marine Sanctuary management plan/environmental impact statement. National Oceanic and Atmospheric Administration. 753 pp.
- U.S. Environmental Protection Agency, 1996. Water quality protection program for the Florida Keys National Marine Sanctuary, first biennial report to congress, 1996. U.S. EPA Office of Water 32 pp.
- U.S. Environmental Protection Agency. 1990. The quality of our nation's water: a summary of the 1988 National Water Quality Inventory. EPA 440/4-90-005.
- U.S. Geological Survey. 1994. National Water Quality Assessment Program – The Santee Basin and Coastal drainage, North Carolina and South Carolina. 2 pp.

8.0 References

- U.S. Geological Survey. 1997. Comparison of drainage basin nutrient inputs with instream nutrient loads for seven rivers in Georgia and Florida, 1986-90.
- U.S. Environmental Protection Agency. 1993. Guidance for specifying management measures for sources of non-point pollution in coastal waters. Office of Water. 840-B-92-002. 500+ p.
- Uchida, K. and Y. Shojima. 1958. Studies of drifting seaweeds: larval and juvenile fishes accompanying drifting sea weed -I. Investigations in the vicinity of Tsuyazaki in fiscal year 1957. Bull. Jap. Soc. Sci. Fish. 24:411-415. (Trans-lated by W.G. Van Campen).
- Van Den Avyle, M.J. 1984a. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (South Atlantic)--American eel. U.S. Fish and Wildlife Service FWS/OBS-82/11.24. U.S. Army Corps of Engineers, TR EL-82-4. 20 pp.
- Van Den Avyle, M.J. 1984b. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (South Atlantic)--Atlantic sturgeon. U.S. Fish and Wildlife Service, FWS/OBS- 82/11.25. U.S. Army Corps of Engineers, TR EL-82-4. 17 pp.
- Van Dolah, R. F., P. H. Wendt and N. Nicholson. 1987. Effects of a research trawl on a hard-bottom assemblage of sponges and corals. Fish. Res. 5: 39-54.
- Van Dolah, R.F., P.H. Wendt, and N. Nicholson. 1987. Fish. Res., 5:39-54.
- Van Dyke, N.L. 1978. Oxygen demand of decaying freshwater and salt marsh vegetation. MS Thesis. University of Virginia, Charlottesville.
- Vare, C. N. 1991. A survey, analysis, and evaluation of the nearshore reefs situated off Palm Beach County, Florida. M.S. Thesis, Florida Atlantic University, Boca Raton, FL. 165 pp.
- Vaughan, D., J. Merriner, and W. Schaaf. 1986. Detectability of a reduction in a single year class of a fish population. J. Elisha Mitchell Sci. Soc. 102(3): 122-128.
- Vaughn, T.W. 1919. Corals and the formation of coral reefs. Smithsonian Institution, Annual Report for 1917. pp.186-276.
- Venier, J.M. , D.Pauly, 1997. Trophic dynamics of a Florida Keys coral reef ecosystem. Proc. 8th. Int. Coral Reef Symp. 1: 915-920.
- Venier, J.M. , D.Pauly, 1997. Trophic dynamics of a Florida Keys coral reef ecosystem. Proc. 8th. Int. Coral Reef Symp. 1: 915-920.
- Venier, J.M., D. Pauly, 1997. Trophic dynamics of a Florida Keys coral reef ecosystem. Proc. 8th Int. Coral Reef Symp. 1: 915-920.
- Vestal, B. and A. Rieser. 1995. Part I - Syntheses, with annotated bibliography. In: Methodologies and mechanisms for management of cumulative coastal environmental impacts. NOAA Coastal Ocean Program Decision Analysis Series No. 6. NOAA Coastal Ocean Office, Silver Spring, MD.
- Vicars, T.M. 1976a. Biomass and remote sensing: 1974 and 1975. In G.J. Davis and M.M.Brinson. The submersed macrophytes of the Pamlico River Estuary, North Carolina. University of North Carolina, Water Resources Research Institute. Report 112:51-96.
- Vicars, T.M. 1976b. Areal and temporal distribution of floating plants. In G.J. Davis and M.M.Brinson. The submersed macrophytes of the Pamlico River Estuary, North Carolina. University of North Carolina, Water Resources Research Institute. Report 112:97-104.
- Vicars, T.M. 1976c. Total macrophyte production and nutrient accumulation. In G.J. Davis and M.M.Brinson. The submersed macrophytes of the Pamlico River Estuary, North

- Carolina. University of North Carolina, Water Resources Research Institute. Report 112:177-181.
- Voss, G.L. and N.L.Voss. 1955. An ecological survey of Soilder Key, Biscayne Bay, Florida. Bulletin of Marine Science of the Gulf and Carribean 5:203-229.
- Wallace, J.B. and J.O'Hop. 1985. Life on a fast pad: waterlily leaf beetle impact on water lilies. Ecology 66:1534-1544.
- Wang, J.D. and S.V. Cofer-Shabica. 1988. The effects of freshwater canal discharges on salinities in Biscayne National Park. Report to the National Park Service. January, 1988.
- Wang, J.D., van de Kreeke, J., Krishnan, N., Smith, D. 1994. Wind and tide response in Florida Bay. Bull. Mar. Sci. 54:579-601.
- Weinstein, M. P. 1979. Shallow marsh habitats as primary nurseries for fishes and shellfish, Cape Fear River, North Carolina. Fish. Bull. 77:339-357.
- Weis, J.S. 1968. Fauna associated with pelagic sargassum in the Gulf Stream. Am. Midl. Nat. 80:554-558.
- Wells, J.W. and J.C. Lang . 1973. Systematic list of shallow-water Scleractina. Bulletin of marine Science 23: 55-58
- Welsh, W.W. and C.M. Breder, Jr. 1923. Contributions to the life histories of Sciaenidae of the eastern United States coast. Bull.U.s. Bur. Fish. 39: 141-201.
- Wendt, P. H., R. F. Van Dolah, and C. B. O'Rourke. 1985. A comparative study of the invertebrate macrofauna associated with seven sponge and coral species collected from the South Atlantic Bight. J. Elisha Mitchell Sci. Soc. 101(3): 187-203.
- Wenner, C. 1998. Personal communication. South Carolina Marine Resources Institute.
- Wenner, C. A. 1983. Species associations and day-night variability of trawl-caught fishers from the inshore sponge-coral habitat, South Atlantic Bight. Fish. Bull. 81(3): 537 - 552.
- Wenner, C.A. 1983. Species associations and day-night variability of trawl-caught fishes from the inshore sponge-coral habitat, South Atlantic Bight. Fish. Bull., 81:532-552.
- Wenner, E. L., G. F. Ulrich, and J. B. Wise. 1987. Exploration for golden crab, *Geryon fenneri*, in the south Atlantic Bight: distribution, population structure, and gear assessment. Fishery Bulletin, United States 85: 547-560.
- Wenner, E.L. and C.A. Barans. 1990. In situ estimates of density of golden crab, *Chaceon fenneri*, from habitats on the continental slope, southeastern U.S. Bulletin of Marine Science 46(3): 723-734.
- Wenner, Elizabeth, H. Randall Beatty and Loren Coen. 1996. A method for quantitatively sampling nekton on intertidal oyster reefs. Journal of Shellfish Research 15(3): 769-775.
- Wharton, C.H., W.M. Kitchens, E.C. Pendleton and T.W. Sipe. 1982. The ecology of bottomland hardwood swamps of the Southeast: a community profile. U.S. Fish and Wildlife Service, Biological Services Program, Washington, D.C. FWS/OBS-81/37:1-133.
- Wheaton, J. and W.C. Jaap. 1976. Survey of Breaker's Reef, Palm Beach, Florida. Unpublished Report, 10pp. Marine Research Laboratory, Florida department of Natural Resources, St.Petersburg, Florida.
- Wheaton, J.L. (unpub.) Octocoral community structure, Biscayne National Park Florida.
- Wheaton, J.L. , 1975. Ecology of Gorgonians (Octocorallia: Gorgonacea) at Dry Tortugas, Florida. Fla. Scientist. 43 (suppl) : p.20 abstract.
- Wheaton, J.L. , W.C. Jaap, 1988. Corals and other prominent Cnidaria of Looe Key National Marine Sanctuary. Fla. Mar. Res. Pub. 43. 25 pp.

8.0 References

- Wheaton, J.L. 1981. Octocorals (Octocorallia: Gorgonacea) Pp. 15-23 S.C. Jameson (ed) . Key Largo Coral Reef national marine Sanctuary Deep Water Resource Survey, NOAA Tech. Rep. cz/sp-1.
- Wheaton, J.L. 1987. Observations on the Octocoral fauna of southeast Florida's outer slope and fore reef zones. *Carib. J.Sci.* 23(2) : 306-312.
- Wheaton, J.L., W.C. Jaap, 1988. Corals and other prominent Cnidaria of Looe Key National Marine Sanctuary. *Fla. Mar. Res. Pub.* 43. 25 pp.
- Wheaton, J.L., W.C. Jaap, P.Dustan, J.Porter, 1996. FKNMS Coral Reef and Hardbottom Monitoring Project. Annual Report to the Environmental Protection Agency, 72 pp.
- Whigham, D., C. Chitterling and B. Palmer. 1988. Impacts of freshwater wetlands on water quality: a landscape perspective. *Environ. Manage.* 12:663-671.
- Whitaker, D. L. 1982. Notes on biology of the rock shrimp off South Carolina. Presented at the joint Southeastern Estuarine Research Society/Gulf Estuarine Research Society meeting Nov. 12, 1982. 14 pp.
- Whitaker, J. D. 1983a. Effects of severe winters on white shrimp stocks in the Atlantic Ocean off the Southeastern United States. Presented at Natl. Shellfish Assoc. Hilton Head, SC. June 1983. 6 pp.
- White, C. J. and C. J. Boudreaux. 1977. Development of an areal management concept for Gulf penaeid shrimp. *La. Wildl. Fish. Comm. Tech. Bill.* 22. 77 pp.
- Whitfield, A.K., and M.N. Bruton. 1989. Some biological implications of reduced freshwater inflow into eastern Cape estuaries: a preliminary assessment. *South African Journal of Science* 85:691-694.
- Wiespape, L. M. 1975. Thermal resistance and acclimation rate in young white and brown shrimp, *Penaeus setiferus* Linn. and *Penaeus aztecus* Ives. *Texas A&M Univ. Sea Grant* 76-202. 196 pp.
- Wigley, R. L., R. B. Theroux, and H. E. Murray. 1975. Deep-sea red crab, *Geryon quinque-dens*, survey off northeastern United States. *Mar. Fish. Rev.* 37(8):1-27.
- Wilber, R.J. 1976. Petrology of submarine - lithified hard grounds and lithoherms from the deep flank environment of Little Bahama Bank (Northeastern Straits of Florida) . M.Sc. Thesis, Duke University, Durham, North Carolina. 241pp.
- Wilkes, R.L. 1976. Tidal marsh and swamp extent in Georgia. U.S. Department of Agriculture, Soil Conservation Service, Hinesville, GA. Unpublished.
- Williams, A.B. 1984. Shrimps, lobsters, and crabs of the Atlantic Coast of the eastern United States, Maine to Florida. Smithsonian Institution Press, Washington, D.C. 550 pp.
- Williams, E.H. Jr. 1990. Coral reef bleaching: Incidence, extent, cause, significance and the urgency in understanding this major disturbance. Testimony to the U.S. Senate Hearing on Coral Reef Bleaching. October 11.
- Williams, E.H. Jr., and L. Bunkley-Williams. 1990. Coral reef bleaching alert. *Nature.* 346:225.
- Williams, N. 1998. Overfishing disrupts entire ecosystems. *Science* 279: 809.
- Wilson, K.A. 1962. North Carolina wetlands, their distribution and management. Federal Aid in Wildlife Restoration, Project W-6-R. N.C. Wildlife Resources Commission, Raleigh, NC. 169 pp.
- Winge, O. 1923. The Sargasso Sea, its boundaries and vegetation. Report on the Danish Oceanographic Expeditions 1908-10 to the Mediterranean and adjacent seas. Vol. III. Misc. Pap. 34 p.
- Winston, J.E. 1982. Drift plastic - an expanding niche for a marine invertebrate? *Mar. Pollut. Bull.* 13:348-351.

- Witham, R. 1988. Drifting sargassum weed: safe haven or increased risk for hatchling sea turtles? NOAA Tech. Memo. NMFS-SEFC-214:129-130.
- Wood, E. J. F., W. E. Odum, and J. C. Zieman. 1969. Influence of sea grasses on the productivity of coastal lagoons, p. 495-502. *In* A. A. Castaneres and F. B. Phleger (eds.). Coastal lagoons. Universidad Nacional Autonoma de Mexico, Ciudad Universitaria, Mexico, D.F.
- Woodcock, A.M. 1950. Subsurface pelagic *Sargassum*. *J. Mar. Res.* 9:77-92.
- Yeung, C. 1991. The vertical, horizontal, and seasonal distribution and abundance of Palinurid and Scyllarid lobster phyllosoma larvae in the Florida Keys in relation to the circulation, May 1989 - February 1990. Master's Thesis, University of Miami, Coral Gables, Florida, August, 1991, 141 pp.
- Yeung, C., McGowan, M.F. 1991. Differences in inshore-offshore and vertical distribution of phyllosoma larvae of *Panulirus*, *Scyllarus*, and *Scyllarides* in the Florida Keys in May-June, 1989. *Bull. Mar. Sci.* 49:699-714.
- Yoder, J.A. 1985. Environmental control of phytoplankton production on the southeastern U.S. continental shelf. *in*: Atkinson, L.P., Menzel, D.W., Bush, K.A. (eds.) Oceanography of the southeastern U.S. continental shelf. American Geophysical Union, Washington, pp. 93-013.
- Yokel, B. 1966. A Contribution to the Biology and Distribution of the Red Drum, *Sciaenops ocellata*. M.S. Thesis, University of Miami, 166p.
- Yokel, B. 1980. A Contribution to the Biology and Distribution of the Red Drum, *Sciaenops ocellata*. (Abs.). Proceedings from Red Drum and Seatrout Colloq. Oct. 19-20, 1978, GSMFC #5, p.5 , 118p.
- Young, P. C. and K. J. Sainsbury. 1985. CSIRO's North West Shelf program indicates changes in fish populations. *Australian Fisheries*, March, 1985, pp. 16 - 20.
- Zaitsev, Y.P. 1971. Marine neustonology. K. A. Vinogradov (editor), A. Mercado (translator). Israel Program for Scientific Translations, Jerusalem. 207 p.
- Zamuda, C.D. 1967b. Macrophyte decay dynamics. *In* G.J. Davis and M.M.Brinson. The submersed macrophytes of the Pamlico River Estuary, North Carolina. University of North Carolina, Water Resources Research Institute. Report 112:40-50.
- Zamuda, C.D. 1976a. Growth dynamics of *Vallisneria americana*. *In* G.J. Davis and M.M.Brinson. The submersed macrophytes of the Pamlico River Estuary, North Carolina. University of North Carolina, Water Resources Research Institute. Report 112:40-50.
- Zein-Eldin, Z. P. 1964. Growth and metabolism. *U.S. Bur. Commer. Fish. Circ.* 183:65-67.
- Zein-Eldin, Z. P. and D. V. Aldrich. 1965. Growth and survival of postlarval *Penaeus aztecus* under controlled conditions of temperature and salinity. *Biol. Bull. (Woods Hole)* 129:199-216.
- Zein-Eldin, Z. P. and G. W. Griffith. 1970. An appraisal of the effects of salinity and temperature on growth and survival of postlarval penaeids. *FAO Fish. Rept.* 57:1015-1026.
- Zieman, J.C. 1982. The ecology of seagrasses of south Florida: community profile. USFWS/OBS-82/25. 158 pp.

