

MARMAP CONTRIBUTIONS AND RELATED REPORTS

December 2021

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1974

Gray Literature/Reports:

Joseph, J.D. 1974. Fatty acids of pelagic marine fish eggs. S.C. Mar. Res. Center. Mimeo. Rept. 22 pp.

1975

Peer-reviewed:

Burrell, V.G., Jr. 1975. The relationship of proposed offshore nuclear power plants as they related to marine fisheries of the south Atlantic coast of the United States. IEEE Ocean '75:491-495.

Hosterman, S., H. Powles, and B. Stender. 1975. Abundance and distribution of larval spot (*Leiostomus xanthurus*) (Pisces: Sciaenidae) in South Carolina estuaries and on the southeastern continental shelf of the United States in 1973. Bull. S.C. Acad. Sci. 37:84.

Gray Literature/Reports:

Eldridge, P.J. 1975. Groundfish gear comparison between R/V *DOLPHIN* and R/V *OREGON II* conducted April, 1974. S.C. Mar. Res. Center. Mimeo. Rept., 15 pp.

Stickney, R.R., H.L. Windom, & F.E. Taylor. 1975. Heavy-metal concentrations in selected Georgia estuarine organisms with comparative food-habit data. Proceeding of a Symposium "Mineral Cycling in Southeastern Ecosystems, 1975." P. 257-267.

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Eldridge, P.J., W. Waltz, H. Mills. 1976. Relative abundance of *Mercenaria mercenaria notata* in estuaries in South Carolina. Veliger 18(4): 396-397.

Keiser, R.K., Jr. 1976. Magnitude and utilization of the incidental catch of the South Carolina shrimp fishery. Proceedings of the Gulf and Caribbean Fisheries Institute 29: 127-143.

Books

Markle, D.F. & C.A. Wenner. 1976. Evidence of benthic spawning in the mesopelagic fishes, *Xenodermichthys copei* and *Melanostigma atlanticum*. In Joint Oceanographic Assesmbly, Edinburg, UK, FAO, Rome

Gray Literature/Reports:

Barans, C.A., and V.G. Burrell, Jr. 1976. Preliminary findings of trawling on the continental shelf off the southeastern United States during four seasons (1973-1975). S.C. Mar. Res. Center, Tech. Rept. 13, 16 pp.

Barans, C.A., and W.A. Roumillat. 1976. Surface water drift south of Cape Lookout, North Carolina. S.C. Mar. Res. Center, Tech. Rept. 12, 13 pp.

Keiser, R.K., Jr. 1976. Species composition, magnitude and utilization of the incidental catch of the South Carolina Shrimp Fishery. S.C. Mar. Res. Center, Tech. Rept. 16, 55 pp.

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. Rept. 11, 47 pp.

Sandifer, P.A., and P.J. Eldridge. 1976. A study of the distribution and abundance of *Penaeus* larvae off the southeastern United States in an attempt to identify spawning grounds of brown shrimp. S.C. Mar. Res. Center Mimeo. Rept., 26 pp.

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- Eldridge, P.J. & S.A. Goldstein. 1977. The shrimp fishery of the South Atlantic United States: A regional management plan. *Ocean Management* 3: 87-119.
- Keiser, R.K., Jr. 1977. Magnitude and utilization of the incidental catch of the South Carolina Shrimp Fishery. *Proc. Gulf-Carib. Fish. Inst.* 29:127-143.
- Powles, H. 1977. Description of larval *Jenkinsia lamprotaenia* (Clupeidae, Dussumieriinae) and their distribution off Barbados, West Indies. *Bull. Mar. Sci.* 27(4):788-801.
- Powles, H. 1977. Larval distributions and recruitment hypothesis for snappers and groupers of the South Atlantic Bight. *Southeastern Association of Fish and Wildlife Agencies.* 31:362-371.

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- Cupka, D.M, P.J. Eldridge, & G.R. Huntsman. 1977. Proceedings of workshop on snapper/grouper resources of the South Atlantic Bight. South Carolina Marine Resources Center Technical Report #27, South Carolina Wildlife and Marine Resources Department, Charleston, SC. 46 pp.
- Mathews, T.D., and O. Pashuk. 1977. A description of oceanographic conditions off southeastern United States during 1973. S.C. Mar. Res. Center, Tech. Rept. 19, 6 pp.
- Barans, C.A., and H.W. Powles. 1977. South Carolina MARMAP program: present and Future, pp.6-21. In D.M. Cupka, P.J. Eldridge and G.R. Huntsman, eds. 1977. Proceedings of workshop on the snapper-grouper resources of the South Atlantic Bight. S.C. Mar. Res. Center, Tech. Rept. 27, 46 pp.
- Eldridge, P.J., F.H. Berry, and M.C. Miller, III. 1977. Test results of the Boothbay neuston net related to net length, diurnal period and other variables. S.C. Mar. Res. Center, Tech. Rept. 18, 22 pp.
- Keiser, R.K., Jr. 1977. The incidental catch from commercial shrimp trawlers of the South Atlantic States. S.C. Mar. Res. Center, Tech. Rept. 26, 38 pp.

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- Eldridge, P.J., F.H. Berry, and M.C. Miller, III. 1978. Diurnal variations in catches of selected species of ichthyoneuston by the Boothbay neuston net off Charleston, South Carolina. *Fish. Bull.* 76(1):295-297.
- Powles, H., and W.E. Burgess. 1978. Observations on benthic larvae of *Pareques* (Pisces: Sciaenidae) from Florida and Colombia. *Copeia* 1978(1):169-172.

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- Barans, C. A., and W. A. Roumillat. 1978. Surface water drift South of Cape Lookout, North Carolina. Pages 350 pp in J. R. Goulet, and E. D. Haynes, editors. Pages 288-308 in *Ocean variability: Effects on U.S. marine fishery resources - 1975*. NOAA Technical Report NMFS Circular 416.
- Powles, H. 1978. Abundance and distribution of King Mackerel (*Scomberomorus cavalla*) and Spanish Mackerel (*S. maculatus*) larvae off the southeast United States. South Carolina Wildlife and Marine Resources Department, Charleston, SC.

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Barans, C.A., B.W. Stender, and F. Nichy. 1979. Otolith removal from marketable fish. Prog. Fish. Cult. 41(4):212-213.

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Gray Literature/Reports:

Waltz, W., W.A. Roumillat, and P.K. Ashe. 1979. Distribution, age structure and sexuality of the black sea bass, *Centropristis striata*, sampled along the southeastern coast of the United States. S.C. Mar. Res. Center, Tech. Rept. 43, 18 pp.

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Powles, H., and C.A. Barans. 1980. Groundfish monitoring in sponge-coral areas off the southeastern United States. Mar. Fish. Rev. 42(5):21-35.

Van Dolah, R. F., and E. Bird. 1980. A comparison of reproductive patterns in epifaunal and infaunal gammaridean amphipods. ESTUARINE AND COASTAL MARINE SCIENCE 11:593-604.

Van Dolah, R.F., V.G. Burrell, Jr., and S.B. West. 1980. The distribution of pelagic tars and plastics in the South Atlantic Bight. *Mar. Pollut. Bull.* 11(12):352-356.

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Powles, H. 1981. Distribution and movements of neustonic young of estuarine dependent (*Mugil* spp., *Pomatomus saltatrix*) and estuarine independent (*Coryphaena* spp.) fishes off the southeastern United States. *Rapp. P.-v Reun. Cons. int. Explor. Mer.* 178:207-209.

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Barans, C. A. 1981. A preliminary approach to assessment of rocky outcrop groundfish off the southeastern United States. Pages 907-924 in J. B. Soumala, editor Meeting on Hydroacoustical Methods for the Estimation of Marine Fish Populations 25-29 June 1979. The Charles Stark Draper Laboratory, Inc., Cambridge, MA.

Wenner, E. L., W. P. Coon, III, M. H. Shealy, Jr., and P. A. Sandifer. 1981. Species assemblages, distribution, and abundance of fishes and decapod crustaceans from the Winyah Bay estuarine system, S.C. SCSG, CHARLESTON, SC (USA).

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Tucker, J.W., Jr. 1982. Larval development of *Citharichthys cornutus*, *C. gymnorhinus*, *C. spilopterus*, and *Etropus crossotus* (Bothidae), with notes on larval occurrence. Fish. Bull. 80(1):35-73.

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Low, R.A., Jr., G.F. Ulrich, and F. Blum. 1982. Development potential of underutilized trawl fish in the South Atlantic Bight. S.C. Mar. Res. Center Tech. Rept. 52, 31 pp.

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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(3):537-552.

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Barans, C.A., and S.A. Bortone (eds.). 1983. The visual assessment of fish populations in the southeastern United States: 1982 Workshop. S.C. Sea Grant SC-SG-TR-01-83, 52 pp.

Low, R. A., and G. F. Ulrich. 1983. Deep-water demersal finfish resources and fisheries off South Carolina. South Carolina Mar. Resour. Center Tech. Rep. 57, 24 p.

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- Johnson, G.D., and P. Keener. 1984. Aid to identification of American grouper larvae. *Bull. Mar. Sci.* 34(1):106-134.
- Mathews, T.D., and O. Pashuk. 1984. Shelfwater response to the cold winters of 1977 and 1978 in the South Atlantic Bight (SAB). *Litoralia* 1(1):41-58.
- Sedberry, G.R., and R.F. Van Dolah. 1984. Demersal fish assemblages associated with hard bottom habitat in the South Atlantic Bight of the U.S.A. *Environ. Biol. Fish.* 11(4):241-258.
- Stender, B.W., P.K. Ashe, and G.D. Johnson. 1984. Diversity, abundance and distribution of larval Epinephelinae in the South Atlantic Bight (1973-1983). *Bull. S.C. Acad. Sci.* 46:127.

Gray Literature/Reports:

- Hales, S.L., Jr. 1984. Aspects of the life history of the round scad, *Decapterus punctatus* (Pisces: Perciformes: Carangidae) in the South Atlantic Bight. M.S. Thesis, College of Charleston, 95 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, 65 pp.

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- Low, R.A., G.F. Ulrich, C.A. Barans, and D.A. Oakley. 1985. Analysis of catch-per-unit-of-effort and length composition in the South Carolina commercial handline fishery during 1976-1982. *N. Am. J. Fish. Manage.* 5(3):340-363.
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Mathews, T.D., and O. Pashuk. 1986. Summer and winter hydrography of the U.S. South Atlantic Bight (1973-1979). *J. Coastal Res.* 2(2):311-336.

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McGovern, J.C. 1986. Seasonal recruitment of larval and juvenile fishes into impounded and non-impounded marshes. M.S. Thesis, College of Charleston, 123 pp.

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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(3):822-834.

Collins, M.R., C.W. Waltz, W.A. Roumillat, and D.L. Stubbs. 1987. Contribution to the life history and reproductive biology of gag, *Mycteroperca microlepis* (Serranidae), in the South Atlantic Bight. *Fish. Bull.* 85(3):648-653.

Hales, L.S., Jr. 1987. Distribution, abundance, reproduction, food habits, age, and growth of round scad, *Decapterus punctatus*, in the South Atlantic Bight. *Fish. Bull.* 85(2):251-268.

Sedberry, G.R. 1987. Feeding habits of sheepshead, *Archosargus probatocephalus*, in offshore reef habitats of the southeastern continental shelf. *Northeast Gulf Sci.* 9(1):29-37.

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. *Fisheries Research* 5:39-54.

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Hayse, J.W. 1987. Feeding habits, age, growth and reproduction of Atlantic spadefish, *Chaetodipterus faber* (Pisces: Ephippidae), in South Carolina. M.S. Thesis, College of Charleston, 59 pp.

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- Collins, M.R., and C.A. Wenner. 1988. Occurrence of young-of-the-year king, *Scomberomorus cavalla*, and Spanish, *S. maculatus*, mackerels in commercial-type shrimp trawls along the Atlantic coast of the southeast United States. Fish. Bull. 86(2):394-397.
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- Sedberry, G.R. 1988. Food and feeding of black sea bass, *Centropristis striata*, in live bottom habitats of the South Atlantic Bight. J. Elisha Mitchell Sci. Soc. 104(2):35-50.

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- Collins, M.R., D.J. Schmidt, C.W. Waltz, and J. Pickney. 1989. Age and growth of king mackerel, *Scomberomorus cavalla*, from the Atlantic coast of the United States. Fish. Bull. 87(1):49-61.
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- Barans, C. A. 1989b. South Carolina Trawl Survey Program. Pages 65-66 in T. R. Azarovitz, J. McGurrin, and R. J. Seagraves, editors. Proceedings of a Workshop on Bottom Trawl Surveys. Atlantic States Marine Fisheries Commission and the Northeast Fisheries Science Center, Woods Hole, Massachusetts.
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