

CURRICULIM VITAE

Sheryan Patricia Epperly Chester

EDUCATION AND TRAINING

Degrees received

B.S. Zoology and Biological Science (Marshall University, Huntington, WV, 1976)

M.Sc. Marine Science (University of South Florida, Tampa, FL, 1981)

Other training

Water Safety Instructor (American Red Cross, Charleston, W.Va., 1972)

SCUBA (YMCA, Charleston, W.Va., 1975)

Intermediate Easytrieve (N.C. Dept. Admin., Raleigh, 1981)

IBM MVS JES2 JCL (N.C. Dept. Admin., Raleigh, 1981)

SAS Color Graphics (SAS Institute, Cary, N.C., 1983)

Surface Supplied Mixed Gas Diving (NOAA NURP, Univ. N. Carolina, Wilmington, 1984)

Geography Short Course: Digital Image Processing of Satellite Data and Geographic Information Systems (Univ. N. Carolina, Chapel Hill, 1993)

CPR and First Aid training (most recent course was completed in 2005: Emergency First Response Corp., Miami, FL)

Spanish, Levels 1 and 2 (Inlingua, Key Biscayne, FL, 2004-2005)

PROFESSIONAL EMPLOYMENT

National Marine Fisheries Service, Miami, FL

Title: Research Fishery Biologist, Sea Turtle Team Leader

Dates of Employment: June 1998 - present

Description of Work:

1. Program manager and team leader for sea turtle research within SEFSC.
2. Develop and implement strategic plans for research activities.
3. Prepare proposals, budgets, and project reports; monitor contracts.
4. Review ESA documents and Section 7 biological opinions.
5. Conduct research on all life stages of sea turtles, including bycatch reduction.
6. Maintain ESA and USFWS permits.
7. Advise management on sea turtle issues.

National Marine Fisheries Service, Beaufort, NC

Title: Research Fishery Biologist, Protected Species Team Leader

Dates of Employment: Sep. 1985 - June 1998.

Description of Work Apr. 1988 - June 1998:

1. Develop and implement a multi-project plan to assess sea turtle distribution and abundance and population demographics of sea turtles in inshore waters of the southeast
2. Prepare proposals, budgets and project reports
3. Analyze data and prepare manuscripts on research results for publication and presentation at scientific meetings
4. Review ESA documents and proposed rules

Description of work Sep. 1985 - Apr. 1988:

1. Develop new techniques for aging juvenile fish and conduct studies on daily age and growth of populations of juvenile menhaden
2. Conduct population identification studies on Atlantic menhaden

North Carolina Division of Marine Fisheries, Morehead City, NC

Title: Marine Biologist I

Dates of Employment: Jan. 1981 - Sep. 1985

Description of Work Sep. 1984 - Sep. 1985:

1. Coordinate NC bioprofile sampling activities for fisheries operating in the Federal Conservation Zone with special emphasis on the snapper-grouper and coastal pelagic species
2. Conduct sampling throughout NC for the FCZ fisheries
3. Analyse data collected for species, size, and age composition of the fisheries, and prepare reports and manuscripts on research results for publication and presentation at scientific meetings
4. Assist Division staff in SAS programming, utilization of the computer resources and statistics

Description of Work Jan. 1981 - Aug. 1984:

1. Design, organize and conduct finfish and crustacean stock assessment surveys of NC estuarine waters, tagging projects, and age and growth projects
2. Compile and analyze fisheries data from the Pamlico-Albemarle Peninsula to assess potential impacts of coastal energy development on the fisheries of the Peninsula
3. Analyze data from above projects and prepare reports and manuscripts on research results for publication and presentation at scientific meetings
4. Coordinate general estuarine survey of Pamlico and Albemarle sounds open waters
5. Train and assist section staff in statistics, population dynamics, SAS, and the computer
6. Design and implement a standardized computerized database for all Division biological monitoring data
7. Serve as the Division's technical representative for ADP activities
8. Supervise 2-4 clerical/keyentry employees

National Marine Fisheries Service, Beaufort, NC

Title: Biological Aide

Dates of Employment: Jun. 1978 - Mar. 1979, Jun. 1979 - Dec. 1979, Jun. 1980 - Aug. 1980

Description of Work:

1. Design and conduct a subpopulation identification study of Atlantic menhaden using meristics, morphometrics and biochemistry. This included field collection, radiography, and electrophoresis.
2. Analyze data from above study, write thesis, and prepare manuscript and presentation on research results for publication and presentation at scientific meetings

Human Sciences Research, St. Petersburg, FL

Title: Intercept Interviewer

Dates of Employment: Mar. 1980 - Jun. 1980

Description of Work:

1. Interview recreational fishermen and sample their catch for the national recreational survey (MRFSS) by the NMFS. Sampling was conducted in southwestern Florida in the vicinity of Tampa Bay.
2. Prepare data for keyentry and submit associated forms

University of South Florida, St. Petersburg

Title: Biological Assistant

Dates of Employment: Feb. 1978 - May 1978

Description of Work:

1. Preparation, fixation, embedding, sectioning, staining, coverslipping, and labelling of tissues of marine organisms collected from the Gulf of Mexico under a BLM grant to the university

National Marine Fisheries Service, Beaufort, NC

Title: Biological Aide

Dates of Employment: May 1977 - Dec. 1977

Description of Work:

1. Data analysis of Atlantic menhaden population dynamics which involved computer programming using Fortran IV and SAS and knowledge of basic fisheries population dynamics. The results of these analyses were the basis for the management plan developed for the fishery.

Marshall University, Huntington, WV

Title: Research Assistant

Dates of Employment: Jan. 1977 - May 1977

Description of Work:

1. Design and implement a zooplankton study of an Ohio River, WV tributary which would be impacted by major construction work on the Galliopolis Locks. This involved the collection of samples, identification and enumeration of organisms and presentation of the results in the report to the U.S. Army Corps of Engineers.
2. Assist in the ichthyoplankton collection and sorting in the same project

SPECIAL ASSIGNMENTS

Assessment of a reduction in fishing season for the Atlantic Menhaden purse seine fishery for the ASMFC Atlantic Menhaden Advisory Committee, 1982

NOAA Liason to USGS National Water-Quality Assessment Program, Albemarle-Pamlico Drainage Study Unit, 1991-1996

Turtle Expert Working Group (loggerhead & Kemp's ridley), 1995-2000

SEFSC representative for sea turtles to Mexus-Gulf working group, 1998-present

NMFS Sea Turtle Review Panel for allocation of RPS funds, 1996-2004

Co-compiler of the Proceedings of the 17th Annual Sea Turtle Symposium, 1997-1998

Secretary, International Sea Turtle Society, May 1999-April 2002

NOAA representative on South Florida Multi-Species Recovery Plan MERIT team, July 2000-2003

Kemp's Ridley Recovery Team member, 2002 - present

Turtle Expert Working Group (leatherback), 2004 - 2007

Turtle Expert Working Group (loggerhead), 2006 - present

Atlantic Sea Turtle Atlantic Strategy Steering Committee Member, 2007-present

SPECIAL ACTIVITIES

Consulting

Duke University (Nov. 1985-Dec. 1986) - statistical and OCS consultant for ASMFC SEAMAP Project to evaluate methods for mapping hard bottom areas in the South Atlantic Bight

Editorial and technical reviews

I have reviewed manuscripts for *Marine and Freshwater Research*, *Fishery Bulletin*, *Bulletin of Marine Science*, *Copeia*, *Journal of Herpetology*, *Marine Biology*, *Journal of Experimental and Marine Biology*, *Journal of the Marine Biological Association of the United Kingdom*, *North American Journal of Fisheries Management*, *Chelonian Conservation and Biology*, *Wildlife Research*, *Aquatic Living Resources*, *MTS*, *Ciencias Marinas*, and *Marine Turtle Newsletter*. I also have reviewed numerous in-house proposals, reports, and manuscripts and I routinely review Marfin and S/K proposals and reports and drafts of NOAA/NMFS regulations pertaining to sea turtle management.

I also review permit applications at the request of F/PR. Infrequently I review NSF proposals and I am asked to review outside reports and manuscripts for individuals or organizations prior to their submission for publication. I also am the technical monitor of many NMFS contracts concerning sea turtle research and monitoring).

Instruction

Training of federal and state fishery observers to handle, resuscitate, measure, tag, biopsy, and release sea turtles caught incidentally during fishing operations, as well as to deploy satellite tags.

I have given guest lectures at Florida Atlantic University (n=2), Duke University (n>10), and University of Miami (n=1).

I have served on the graduate committees of masters and Ph.D. candidates:

Kelly Stewart, M.S., Florida Atlantic University, 2001

Dale Youngkin, M.S., Florida Atlantic University, 2001

Larisa Avens, Ph.D., University of North Carolina, 2003

Beth Gardner, Ph.D. (and National Sea Grant fellow), Cornell University, 2006

Jody Gless, M.S. candidate, Florida Atlantic University

and I have advised many other graduate students, although I was not a formal member of their committees:

Peter Mooreside, Duke University

Jennifer Keller, Duke University

Melissa Snover, Duke University

Niki Dejardin, Florida Atlantic University

Kimberly Blair, Florida Atlantic University

Jason Vaughan, Florida Atlantic University

Patrick Rice, University of Miami

Catherine McClellan, Duke University

HONORS AND AWARDS

Honorable mention for American Society of Ichthyologists and Herpetologists Stoye

Award in general ichthyology for oral presentation, "A population investigation of Atlantic menhaden: a meristic, morphometric and biochemical approach" (June, 1982)

U.S. Dept. Commerce, Natl. Mar. Fish. Serv., NOAA Publication Award for best paper in Fishery Bulletin Volume 85: Population and fishery characteristics of Atlantic menhaden, Brevoortia tyrannus (85:569-600, 1987)

NMFS Outstanding Performance Awards: 1987, 1988, 1992, 1994, 1996, 1997

NMFS Quality Step Increase: 1998, 2001

NMFS Cash and Special Recognition Awards: 2000, 2001, 2002, 2003, 2004, 2005, 2006

US. Dept. Commerce Bronze Medal Award: 2004

PROFESSIONAL AFFILIATIONS

American Society of Ichthyologists and Herpetologists
SSC/IUCN Marine Turtle Specialist Group
International Sea Turtle Society

PROFESSIONAL REFERENCES

Dr. Jeanette Wyneken, Assistant Professor
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PUBLICATIONS

(many can be viewed at <http://www.sefsc.noaa.gov/seaturtlepublications.jsp>)

Peer-Reviewed Publications

Epperly, S. P. and W. R. Nelson. 1984. Arithmetic versus exponential calculation of mean biomass. Fishery Bulletin 82:446-448. Errata: 84:726.

Miller, J. M., S. W. Ross, and **S. P. Epperly**. 1984. Habitat choices in estuarine fishes: Do they have any? p. 337 - 352. In Copeland, B. J., K. Hart, N. Davis, and S. Friday, eds. Research for managing the nation's estuaries: Proceedings of a conference held in Raleigh, North Carolina March 13 - 15, 1984. UNC Sea Grant UNC-SG-84-08.

Ross, S. W. and **S. P. Epperly**. 1985. Utilization of shallow estuarine nursery areas by fishes in Pamlico Sound, North Carolina and adjacent tributaries, p. 207-232. In Yanez-Arancibia, A., ed. Fish Community Ecology in Estuaries and Coastal Lagoons. Towards and Ecosystem Integration. Universidad de Mexico, Inst. Ciencias Del Mar Y Limnol., Mexico City.

Pietrafesa, L. J., G. S. Janowitz, E. B. Noble, J. M. Miller, S. W. Ross, and **S. P. Epperly**. 1986. Abiotic factors possibly influencing the spatial and temporal variability of juvenile fish in Pamlico Sound, NC, p. 341-353. In Wolfe, D. A., ed. Estuarine Variability. Academic Press, New York.

Ahrenholz, D. W., W. R. Nelson, and **S. P. Epperly**. 1987. Population and fishery characteristics of Atlantic menhaden, *Brevoortia tyrannus*. Fishery Bulletin 85:569-600.

Lewis, R. M., D. W. Ahrenholz, and **S. P. Epperly**. 1987. Fecundity of Atlantic menhaden, *Brevoortia tyrannus*. Estuaries 10:347-350.

Epperly, S. P. 1989. A meristic, morphometric and biochemical investigation of Atlantic menhaden, *Brevoortia tyrannus* (Latrobe). Journal of Fish Biology 35:139-152.

Chester, A. J., J. Braun, F. A Cross, **S. P. Epperly**, J. V. Merriner, and P. A. Tester. 1994. AVHRR imagery and the near real-time conservation of endangered sea turtles in the western North Atlantic. Proceedings of WMO/IOC Technical Conference on Space-Based Ocean Observation, Sep. 5-10, 1993, Bergen, Norway. World Meteorological Organization and International Oceanographic Committee WMO/TD-649:184-189.

Epperly, S. P. and J. R. Dodrill. 1995. Catch rates of snowy grouper, *Epinephelus niveatus*, on the deep reefs of Onslow Bay, Southeastern U.S.A. Bulletin of Marine Science 56:450-461.

Epperly, S. P., J. Braun, and A. Veishlow. 1995. Sea turtles in North Carolina waters. Conservation Biology 9:384-394.

Epperly, S. P., J. Braun, and A. J. Chester. 1995. Aerial surveys for sea turtles in North Carolina inshore waters. Fishery Bulletin 93:254-261.

Collazo, J. A. and **S. P. Epperly**. 1995. Accuracy tests for sonic telemetry studies in an estuarine environment. Journal of Wildlife Management 59:181-188.

Epperly, S. P., J. Braun, A. J. Chester, F. A Cross, J. V. Merriner, and P. A. Tester. 1995. The winter distribution of sea turtles in the vicinity of Cape Hatteras and their interactions with the summer flounder trawl fishery. Bulletin of Marine Science 56:547-568.

Rohde, F. C., S. W. Ross, **S. P. Epperly**, and G. H. Burgess. 1995. Fishes new or rare on the Atlantic seaboard of the United States. Brimleyana 23:53-64.

Epperly, S. P., J. Braun, A. J. Chester, F. A Cross, J. V. Merriner, P. A. Tester, and J. H. Churchill. 1996. Beach strandings as an indicator of at-sea mortality of sea turtles. Bulletin of Marine Science 59:289-297.

Braun, J. and **S. P. Epperly**. 1996. Aerial surveys for sea turtles in southern Georgia waters, June, 1991. Gulf of Mexico Science 1996:39-44.

Braun, J., **S. P. Epperly** and J. A. Collazo. 1997. Evaluation of a sonic telemetry system in three habitats of an estuarine environment. Journal of Experimental Marine Biology and Ecology 212:111-121.

Tester, P. A., J. Braun, A. J. Chester, F. A Cross, **S. P. Epperly**, J. V. Merriner, and R. P. Stumpf. 1998. Application of remote sensing to real-time management of marine resources: today and tomorrow, p. 175-179 In Proceedings of the Ocean Community Conference '98. Marine Technology Society, Baltimore, Md.

Henwood, T.H. and **S.P. Epperly**. 1999. Population surveys in foraging habitat, p. 65-66. In Eckert, K.L, K.A. Bjorndal, F. Alberto Abreu-Grobois, and M. Donnelly, eds. Sea Turtle Manual of Research and Conservation and Techniques. IUCN, SSC Publ. No. 4.

Epperly, S.P. and W.G. Teas. 2002. Turtle excluder devices - Are the escape openings large enough? Fishery Bulletin 100: 466-474.

Braun-McNeill, J. and **S.P. Epperly**. 2002. Spatial and temporal distribution of sea turtles in the Western North Atlantic and the U.S. Gulf of Mexico from Marine Recreational Fishery Statistics Survey (MRFSS). Marine Fisheries Review 64(4):50-56.

Epperly, S.P. 2003. Fisheries-related mortality and turtle excluder devices (TEDs), p. 339-353. In Lutz, P.L., J.A. Musick, and J. Wyneken, eds. The Biology of Sea Turtles, Volume II. CRC Press, Boca Raton, FL.

Avens, L., J. Braun-McNeill, **S. Epperly**, and K.J. Lohman. 2003. Site fidelity and homing behavior in juvenile loggerhead sea turtles (*Caretta caretta*). Marine Biology 143:211-220.

Heppell, S.S., L.B. Crowder, D.T. Crouse, **S.P. Epperly**, and N.B. Frazer. 2003. Population models for Atlantic loggerheads: past, present, and future, p.255-273. In Bolten, A.B. and B.E. Witherington (eds.). Loggerhead Sea Turtles. Smithsonian Institution Press.

Bass, A.L., **S.P. Epperly**, J. Braun-McNeill. 2004. Multi-year analysis of stock composition of a loggerhead turtle (*Caretta caretta*) foraging habitat using maximum likelihood and Bayesian methods. Conservation Genetics 5:783-796.

Bowen, B.W., A.L. Bass, S. Chow, M. Bostrom, K.A. Bjorndal, A. B. Bolten, T. Okuyama, B.M. Bolker, **S. Epperly**, E. LaCasella, D. Shaver, M. Dodd, J.A. Musick, M. Swingle, K. Rankin-Baransky, W. Teas, W.N. Witzell, and P. H. Dutton. 2004. Natal homing in juvenile loggerhead turtles (*Caretta caretta*). Molecular Ecology 13:3797-3808.

Watson, J.W., **S.P. Epperly**, A.K. Shah, and D.G. Foster. 2005. Fishing methods to reduce sea turtle mortality associated with pelagic longlines. Can. J. Fish. Aquat. Sci. 62:965-981.

Heppell, S., D. Crouse, L. Crowder, **S. Epperly**, W. Gabriel, T. Henwood, R. Marquez, and N. Thompson. 2005. A population model to estimate recovery time, population size, and management impacts on Kemp's ridley sea turtles. Chelonian Conservation and Biology 4:767-773.

Stamper, M.A., C. Harms, **S.P. Epperly**, J.B. McNeill, L. Avens, and M.K. Stoskopf. 2005. Relationship between barnacle epibiotic load and hematologic parameters in loggerhead sea turtles (*Caretta caretta*), a comparison between migratory and residential animals in Pamlico Sound, North Carolina. Journal of Zoo and Wildlife Medicine 36:635-641.

Sasso, C.R., J. Braun-McNeill, L. Avens, and **S.P. Epperly**. 2006. Effects of transients on estimating survival and population growth in loggerhead turtles. Marine Ecology Progress Series 324:287-292.

Stokes, L. W. and **S.P. Epperly**. 2006. *Lepidochelys olivacea* (Olive Ridley Sea Turtle). Herpetological Review 37:105.

Bass, A.L., **S.P. Epperly**, and J. Braun-McNeill. 2006. Green turtle (*Chelonia mydas*) foraging and nesting aggregations in the Caribbean and Atlantic: impact of currents and behavior on dispersal. Journal of Heredity 97:346-354.

- Sasso, C.R. and **S.P. Epperly**. 2006. Seasonal sea turtle mortality risk from forced submergence in bottom trawls. Fisheries Research 81:86-88.
- Wyneken, J. **S. Epperly**, L.B. Crowder, J. Vaughan, and K. Blair. 2007. Determining sex in post-hatchling loggerhead sea turtles using multiple gonadal and accessory duct characteristics. Herpetologica 63:19-30.
- Sasso, C.R., J. Braun-McNeill, L. Avens, and **S.P. Epperly**. 2007. Summer abundance estimates of loggerhead turtles, *Caretta caretta*, in Core Sound, North Carolina. Southeastern Naturalist 6:365-369.
- Sasso, C.R. and **S.P. Epperly**. 2007. Survival of pelagic juvenile loggerhead turtles in the open ocean. Journal of Wildlife Management 71:1830-1835.
- McNeill, J.B., **S.P. Epperly**, D.W. Owens, L. Avens, E. Williams, and C.A. Harms. 2007. Seasonal reliability of testosterone radioimmunoassay (RIA) for predicting sex ratios of juvenile loggerhead (*Caretta caretta*) turtles. Herpetologica 63:275-284.
- Epperly, S.P.**, J. Braun-McNeill, and P.M. Richards. 2007. Trends in catch rates of sea turtles in North Carolina, USA. Endangered Species Research 3:283-293.
- Epperly, S.P.**, J. Wyneken, J.P. Flanagan, C.A. Harms, and B. Higgins. 2007. Attachment of popup archival transmitting (PAT) tags to loggerhead sea turtles (*Caretta caretta*). Herpetological Review (in press).
- Braun-McNeill, J., **S.P. Epperly**, L. Avens, and M. Snover. In review. Growth of loggerhead (*Caretta caretta*) sea turtles from the Western North Atlantic. Herpetological Conservation and Biology
- Braun-McNeill, J., C.R. Sasso, **S.P. Epperly**, and C. Rivero. The use of AVHRR imagery and the management of cheloniid sea turtle interactions off the coast of the northeastern USA. Fisheries Research. (has completed internal review; to be submitted)
- Gardner, B., P.J. Sullivan, S.J. Morreale, and **S.P. Epperly**. In prep. Spatial statistical analysis of bycatch data: patterns of sea turtle bycatch in the North Atlantic. (has completed internal review; to be submitted)
- Gardner, B., S.J. Morreale, P.J. Sullivan, and **S. Epperly**. in prep. Bycatch rates of sea turtles in the western North Atlantic: regional influence of water temperature. (has completed internal review; to be submitted)
- Sasso, C.R., **S.P. Epperly**, and J. Braun-McNeill. In prep. Survival probability and population estimates for juvenile loggerhead turtles, *Caretta caretta*, in North Carolina. (has completed internal review; to be submitted)

Gardner, B, S.J. Morreale, P.J. Sullivan, and **S.P. Epperly**. In prep. Quantifying the influence of surface temperature and thermal fronts on sea turtle catch locations in the Northeast Distant Waters of the North Atlantic.

Thesis

Epperly, S.P. 1981. A population investigation of Atlantic menhaden: a meristic, morphometric and biochemical approach. M.Sc. Thesis, University of South Florida, Tampa, 107 p.

Other Publications

Epperly, S.P. 1982. Management alternatives for Atlantic menhaden fishery from analysis of season closure strategies. Report to the Atlantic Menhaden Advisory Committee, 29 Apr. 1982, Norfolk, VA, 12p.

Epperly, S.P. 1983. Comparison of underwater visual techniques for reef fish censusing. In: Barans, C.A. and S.A. Bortone (eds). The Visual Assessment of Fish Populations in the Southeastern United States: 1982 Workshop. The South Carolina Sea Grant Consortium Tech. Rep. 1 SC-SQ-TR-01-83:15-16.

Epperly, S.P. 1984. The North Carolina Division of Marine Fisheries computerized monitoring database: System description and user's manual. N.C. Dep. Nat. Resour. Community Dev., Div. Mar. Fish., Phase I Completion Rep. No. 22, Proj. CEIP 79-10, 10+70+188+222p.

Epperly, S.P. 1984. Fishes of the Pamlico-Albemarle Peninsula, NC. Area utilization and potential impacts. N.C. Dep. Nat. Resour. Community Dev., Div. Mar. Fish. Spec. Sci. Rep. No. 42, 129 p.

Epperly, S.P. and S.W. Ross. 1986. Characterization of the North Carolina Pamlico-Albemarle estuarine complex. U.S. Dep. Commer., NOAA Tech. Mem. NMFS-SEFC-175, 55 p.

Epperly, S.P., W.H. Lenarz, L.L. Massey, and W.R. Nelson. 1986. A generalized computer program for yield per recruit analysis of a migrating population with area specific growth and mortality rates. U.S. Dep. Commer., NOAA Tech. Mem NMFS-SEFC-180, 26 p.

Epperly, S.P., N.B. Thompson, J.A. Keinath, J.A. Musick, and D.T. Crouse. 1989. Sea turtles in North Carolina, p. 49-61. In Marine Expo '89, 6 Oct. 1989, Wilmington, N.C., N.C. Dep. Admin, Outer Continental Shelf Office, Raleigh, NC, 65 p.

Thompson, N., T. Henwood, **S. Epperly**, R. Lohoefer, G. Gitschlag, L. Ogren, J. Mysing, and M. Renaud. 1990. Marine Turtle Habitat Plan. U.S. Dep. Commer., NOAA Tech. Mem. NMFS-SEFC-255, 20 p.

Epperly, S.P., D.W. Ahrenholz, and P.A. Tester. 1991. A universal method for preparing, sectioning and polishing fish otoliths for daily aging. U.S. Dep. Commer., NOAA Tech. Mem. NMFS-SEFC-283, 15 p.

Anonymous. 1992. Interactions between sea turtles and the summer flounder fishery, November, 1991-February, 1992. U.S. Dep. Commer., NOAA Tech. Mem. NMFS-SEFSC-307, 58 p.

Braun, J. and **S.P. Epperly**. 1993. Leatherback sea turtles and offshore shrimp trawling activity in North Carolina. National Marine Fisheries Service, Southeast Fisheries Science Center, Beaufort, NC, 7 p.

Epperly, S.P. 1995. Sea turtle strandings in the Middle Atlantic; May-July 1995. U.S. National Marine Fisheries Service, Southeast Fisheries Science Center, Beaufort, NC, 35 p.

Epperly, S.P., and J. Braun. 1996. 1996 N.C. Stranding Event. National Marine Fisheries Service, Southeast Fisheries Science Center, Beaufort, NC, 2 p.

Turtle Expert Working Group. 1998. An assessment of the Status of the Kemp's ridley (*Lepidochelys kempii*) and loggerhead (*Caretta caretta*) sea turtle populations in the Western North Atlantic. U.S. Dep. Commer., NOAA Tech. Mem. NMFS-SEFSC-409:1-96.

Epperly, S.P. and W.G. Teas. 1999. Evaluation of TED opening dimensions relative to size of turtles stranding in the Western North Atlantic. National Marine Fisheries Service, Southeast Fisheries Science Center Contribution PRD-98/99-08, Miami, FL, 31 p.

Yeung, C., **S. Epperly**, and C.A. Brown. 2000. Preliminary revised estimates of marine mammal and marine turtle bycatch in the U.S. Atlantic pelagic longline fleet, 1992-1998. National Marine Fisheries Service, Southeast Fisheries Science Center Contribution PRD 99/00-13, Miami, FL, 73 p.

Turtle Expert Working Group. 2000. Assessment update for the Kemp's ridley and loggerhead sea turtle populations in the Western North Atlantic. U.S. Dep. Commer. NOAA Tech. Mem. NMFS-SEFSC-444, 115 p.

Epperly, S.P. 2000. Sea turtle stranding and salvage network - a review. National Marine Fisheries Service, Southeast Fisheries Science Center, Miami, FL, 14 p.

National Marine Fisheries Service Southeast Fisheries Science Center. 2001. Stock assessments of loggerhead and leatherback sea turtles and an assessment of the impact of the pelagic longline fishery on the loggerhead and leatherback sea turtles of the Western North Atlantic. U.S. Dep. Commer. NOAA Tech. Mem. NMFS-SEFSC-455, 343 p.

Epperly, S.P. and J.B. McNeill. 2002. The use of AVHRR imagery and the management of sea turtle interactions in the mid Atlantic Bight. National Marine Fisheries Service, Southeast Fisheries Science Center, Miami, FL, 8 p.

Epperly, S., L. Avens, L. Garrison, T. Henwood, W. Hoggard, J. Mitchell, J. Nance, J. Poffenberger, C. Sasso., E. Scott-Denton, and Cynthia Yeung. 2002. Analysis of sea turtle bycatch in the commercial shrimp fisheries of the southeast U.S. waters and the Gulf of Mexico. U.S. Dep. Commer. NOAA Tech. Mem. NMFS-SEFSC-490, 88 p.

Watson, J.W., D.G. Foster, **S. Epperly**, and A. Shah. 2002. Experiments in the Western Atlantic northeast distant waters to evaluate sea turtle mitigation measures in the pelagic longline fishery. National Marine Fisheries Service, Southeast Fisheries Science Center, Pascagoula, MS, 135 p.

Watson, J.W., D.G. Foster, **S. Epperly**, and A. Shah. 2003. Experiments in the Western Atlantic northeast distant waters to evaluate sea turtle mitigation measures in the pelagic longline fishery. National Marine Fisheries Service, Southeast Fisheries Science Center, Pascagoula, MS, 87 p.

Watson, J.W., **S. Epperly**, L. Garrison, A. Shah, and C. Bergmann. 2004. Rationale for rule making option to require 16/0 circle hooks in tuna directed pelagic longline fisheries to mitigate sea turtle mortality. National Marine Fisheries Service, Southeast Fisheries Science Center, Pascagoula, MS, 7 p.

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