

## Scott A. Sherrill-Mix

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### EDUCATION

**Dalhousie University**, Halifax, Nova Scotia, Canada

M.Sc. Biology JAN 2004-JUL 2007

Supervisors: Ransom Myers & Michael James

Thesis: *An Analysis of Migratory Cues and Potential Tagging Effects in the Leatherback Sea Turtle*

**Hiroshima University**, Saijyo, Hiroshima, Japan

Student Exchange OCT 2001-AUG 2002

*JASSO Student Exchange Promotion Scholarship*

**Florida State University**, Tallahassee, Florida, USA

B.Sc. Biology AUG 1998-AUG 2002

*Certificate in Living Marine Resource Ecology*

*National Merit Scholar, Summa Cum Laude, Phi Beta Kappa*

### PUBLICATIONS

**Canadian waters provide critical foraging habitat for leatherback turtles.** M.C. James, S.A. Sherrill-Mix, K.E. Martin & R.A. Myers. 2006. *Biological Conservation*. 133:347-357

**Saving endangered whales at no cost** R.A. Myers, S.A. Boudreau, R.D. Kenney, M.J. Moore, A.A. Rosenberg, S.A. Sherrill-Mix & B. Worm. 2007. *Current Biology*. 17:R10-R11

**Population characteristics and seasonal migrations of leatherback sea turtles at high latitudes.** M.C. James, S.A. Sherrill-Mix & R.A. Myers. 2007. *Marine Ecology Progress Series*. 337:245-254

**Perceptual shape-based natural image representation and retrieval.** X. Zheng, S. A. Sherrill-Mix & Q. Gao. 2007. *Proceedings of the IEEE International Conference on Semantic Computing*. 2007:622-629

**Migration cues and timing in leatherback sea turtles.** S.A. Sherrill-Mix, M. C. James & R. A. Myers. 2008. *Behavioral Ecology*. 19:231-236

**Evaluating potential tagging effects on leatherback sea turtles.** S.A. Sherrill-Mix & M. C. James. 2008. *Endangered Species Research*. DOI:10.3354/esr00070

### CONFERENCES

**5<sup>th</sup> Mote International Symposium in Fisheries Ecology 2004**

Poster: When does catch-per-unit-effort reflect abundance?

**IUCN Shark Specialist Group Red List Workshop 2004**

Assessments:

- S.A. Sherrill-Mix, R.A. Myers, & G.H. Burgess. 2005. *Scyliorhinus retifer*. In: 2006 IUCN Red List of Threatened Species.
- S.A. Sherrill-Mix, & G.H. Burgess. 2005. *Scyliorhinus meadi*. In: 2006 IUCN Red List of Threatened Species.
- P.M. Kyne, S.A. Sherrill-Mix, & G.H. Burgess. 2005. *Somniosus microcephalus*. In: 2006 IUCN Red List of Threatened Species.
- P.M. Kyne, L. Gerber, & S.A. Sherrill-Mix. 2005. *Isistius plutodus*. In: 2006 IUCN Red List of Threatened Species

**27<sup>th</sup> Annual Symposium on Sea Turtle Conservation and Biology 2007**

Presentation: High latitude leatherback turtles: when do they migrate south?

PROFESSIONAL  
EXPERIENCE

- Programmer Analyst**, University of Pennsylvania - Dr. Frederic Bushman  
Philadelphia, Pennsylvania JUN 2008-PRESENT  
Management and analysis of pyrosequenced DNA and bioinformatics data
- Consultant**, Nova Scotia Leatherback Turtle Working Group  
Independent Contractor JAN 2008-PRESENT  
Analysis of short-term tracking leatherback telemetry data
- Consultant**, Atlantic Loggerhead Turtle Stock Assessment 2007  
Independent Contractor AUG 2007-PRESENT  
Converting, filtering and mapping loggerhead satellite telemetry data
- Consultant**, Atlantic Leatherback Turtle Stock Assessment 2006  
Independent Contractor FEB 2006-MAY 2006  
Converting, filtering and mapping leatherback satellite telemetry data
- Marine Field Biologist**, International Pacific Halibut Commission  
Gulf of Alaska MAY 2003-SEP 2003  
PIT tagging and collecting biological data and samples on a chartered vessel
- Fishery Observer**, Data Contractors, Incorporated  
Gulf of Alaska & Bering Sea JAN 2003-MAY 2003  
Estimating the catch of pot and longline groundfish vessels and collecting biological data
- Fishery Observer**, Frank Orth and Associates  
Coast of California SEP 2002-DEC 2002  
Estimating the catch of drift gillnet swordfish vessels and collecting biological data
- Research Cruise Technician**, USGS RV Tommy Munro & NOAA RV Oregon II  
Gulf of Mexico AUG 2001 & SEP 2001  
Longlining, trawling, live tagging and dissection of sharks and fishes
- Biological Technician**, NMFS Panama City Laboratory - Dr. Douglas DeVries  
Panama City, Florida AUG 2001-OCT 2001  
Hook and line sampling, dissection and otolith sectioning of reef fishes

ACADEMIC  
EXPERIENCE

- Teaching Assistant**, Dalhousie University  
Halifax, Nova Scotia SEP 2004-MAY 2007  
Classes: Marine Diversity (1 semester), Integrated Science-Biology (4 semesters),  
Integrated Science-Calculus/Programming (2 semesters)
- Intern**, NMFS Panama City Laboratory - Dr. John Carlson  
Panama City, Florida MAY 2001-AUG 2001  
Gill netting, dissection, data analysis and live tagging of coastal sharks  
"Aging the Atlantic sharpnose shark, *Rhizoprionodon terraenovae*, through eye lens weight"
- Research Assistant**, Ohio University - Dr. Robert Carr  
Alpena, Michigan JUN-JUL 1995, 1996, 1997, 2000  
Discovering, excavating and preparing Devonian fish fossils

SKILLS

- Statistical Packages: R/S+, SAS, Matlab, Maple, WinBUGS
- Programming Languages: PHP/HTML, SQL, Python, C/C++, Bash/Unix
- Applications: Unix, Generic Mapping Tools, L<sup>A</sup>T<sub>E</sub>X, Microsoft/Open Office, Photoshop/Gimp
- Languages: English, Japanese, Chinese