

SHELLY M.L. TALLACK

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EDUCATION:

PhD	2002	University of the Highlands and Islands, Scotland and The Open University, UK	Fisheries Ecology
MSc	1998	Heriot-Watt University, Edinburgh	Marine Resource Development & Protection
BA	1996	Sussex University	Applied Psychology

APPOINTMENTS:

2008-present Adjunct Scientist, University of Southern Maine (USM)

2003-present Associate Research Scientist, Gulf of Maine Research Institute (GMRI)

FIVE RELATED PUBLICATIONS:

Tallack, S.M.L. (in review). Stock identification applications of conventional tagging data for Atlantic cod in the Gulf of Maine. Submitted to, *Advances in Fish Tagging and Marking Techniques*. AFS, Proceedings from the International Symposium on 'Advances in Fish Tagging and Marking Techniques', Auckland, NZ, February 24-28th, 2008.

Tallack, S.M.L., (in review). Regional growth estimates of Atlantic cod, *Gadus morhua*: applications of the maximum likelihood GROTAG model to mark-recapture data in the Gulf of Maine region. *Fisheries Research*, Submitted September 2008.

Tallack, S.M.L., (2007). A description of tagging data from the Northeast Regional Cod Tagging Program (WP3A) and preliminary applications of weighting and mixing analysis (WP3C). *DRAFT REPORT: Submitted to National Marine Fisheries Service, Pre-GARM working group, WP3A & WP3C*, October 2007. Northeast Fisheries Science Center, Woods Hole, MA: 60 pp.

Tallack, S.M.L., (2007). Escape vent selectivity, bycatch and discard survivability in the New England fishery for deep water red crab, *Chaceon quinquefasciatus*. *ICES Journal of the Marine Science*, 64: 1-8.

Tallack, S.M.L. & Mandelman, J.W., (in press). Do rare earth metals deter spiny dogfish? A feasibility study on the use of mischmetals to reduce the bycatch of *Squalus acanthias* by hook and lobster gear in the Gulf of Maine (USA).

FIVE OTHER PUBLICATIONS:

Tallack, S.M.L., (2007). The reproductive cycle and size at maturity observed in *Cancer pagurus* in the Shetland Islands, Scotland. *Journal of the Marine Biological Association of the United Kingdom*, 87: 1181-1189.

Tallack, S.M.L., (2007). The reproductive cycle and size at maturity observed in *Necora puber* in the Shetland Islands, Scotland. *Journal of the Marine Biological Association of the United Kingdom*, 87: 1161-1168.

Tallack, S.M.L., (2007). Size-fecundity relationships for *Cancer pagurus* and *Necora puber* in the Shetland Islands, Scotland; how is reproductive capacity facilitated? *Journal of the Marine Biological Association of the United Kingdom*. 87: 1-9.

Tallack, S.M.L., Rago, P.J., Cadrin, S. & Hoey, J. (Eds.) (2005). Proceedings from 'A Workshop to Review and Evaluate the Design and Utility of Fish Mark-recapture Projects in the Northeast US'. Northeast Fisheries Science Center Technical Series 02-05, 142pp.

SYNERGISTIC ACTIVITIES

1. *Regional Tagging Symposium*. Presenter and Scientific advisor on the organizing committee for this regional, but internationally attended workshop, October 2008.

2. *A Workshop to Review and Evaluate the Design and Utility of Fish Mark-recapture Projects in the Northeast US. Kennebunk, ME. Oct 17th-21st, 2004*. Scientific coordinator and presenter during this 3-day mark-recapture workshop. Editor and coordinator for the Proceedings (Northeast Fisheries Science Center Technical Series 02-05, 142pp.).

3. Collaborations with recreational and commercial fishermen (groundfish and shellfish focused across a variety of gears types including trawl, longline, rod and reel, trap, gillnet and scallop dredge gears) on numerous research projects in Scotland, Norway, Jamaica, Australia, Maine, Massachusetts, and New Brunswick, Canada since 1999. My belief in collaborative research (both with other scientists and between scientist and stakeholders) is demonstrated through my history of undertaking collaborative research, both regionally and internationally. I also consider it vital to share both data and findings; to this end I have attended, presented research findings, and organized sessions for the past five years at the Maine Fishermen's Forum in Rockland, Maine, in addition to presenting upon invitation at commercial and recreational fishing meetings and at FishTank (an industry focused monthly working group hosted by GMRI) as invited.

COLLABORATORS: Don Clark (DFO-St. Andrews); Dr. J. Sundet (IMR, Norway), Drs. S. Cadrin, J. Hoey, R. Mayo, E. Meredith, T. Miller & P. Rago, M. Terceiro, L. O'Brien & G. Shepherd (NOAA); Dr. J. Mandelman (NEAQ), Dr. J. Groeger, R. Rountree & D. Martins (SMAST), K. Kelly (ME DMR), T. Rudolph & L. Slifka (CCCHFA), Dr. Y. Chen (UMO); Dr. C. Lage (UMA), Dr. C. Wray (MDIBL), Dr. S. Kajiura (FAU) & Dr. H. Howell (UNH).