**Focuses on Crassostrea virginica, Oyster Reef Ecology/Restoration and Related Topics**

*(LDC Revised, 10/14/12)*

**Recent Reviews**


General Restoration Approaches


Some Classic Works


Winslow, L.F., 1886. Report on the waters of North Carolina with reference to their possibilities for oyster culture. P.M. Hale, state printer and Binder, Raleigh, N.C.
Recent Contributions (includes ecosystem services, diseases, related):


Bolton-Warberg, M., L.D. Coen and J. Weinstein, 2007. Acute toxicity and acetylcholinesterase inhibition in grass shrimp (Palaemonetes pugio) and oysters (Crassostrea virginica) exposed to the organophosphate dichlorvos: laboratory and field studies. Archives of Environmental Contamination and Toxicology


Hardwell, H.D., 2010. Habitat complexity and habitat function of native (Crassostrea virginica) and non-native (Crassostrea ariakensis) oysters in the Chesapeake Bay region. Ph.D. Dissertaton, VIMS, 202pp.


Coen, L.D., Annotated Oyster Bibliography


Some Pertinent “Grey” Literature:


Cerco, C. F., and M. R. Noel. 2005. Assessing a ten-fold increase in the Chesapeake Bay native oyster population. A report to the EPA Chesapeake Bay Program.


Hicks, R. 2004. Recreational fishing and the benefits of oyster reef restoration in the Chesapeake Bay. Working Paper #1, College of William and Mary.


Lipton, D. Final draft economic analysis for oyster restoration alternatives. www.nao.usace.army.mil/OysterEIS


Relevant Genetics for Restoration


**Ocean Acidification, Climate and Related Topics**


**Shellfish-SAV, Bloom Interactions, Some Bivalve Aquaculture Interactions with Natural Systems**


**Paleobiology, Anthropology, Geomorphology of Oysters and Reefs**


See http://archaeology.about.com/od/boneandivory/a/shellmidden.htm

**Alternative Substrates for Restoration**


Coen, L.D., Annotated Oyster Bibliography


**Predation/Competition/Refugia (other Bivalves also)**


Kulp, R.E., V. Politano, H.A. Lane, S.A. Lombardi and K.T. Paynter, 2011. Predation of juvenile *Crassostrea virginica* by two species of mud crabs found in the Chesapeake Bay. Shellfish Res. 30: 261–266.


Milke, L.M. and V. S. Kennedy, 2001. Mud crabs (Xanthidae) in Chesapeake Bay: claw characteristics and predation on epifaunal bivalves. Invertebrate Biol. 120:67–77.


Community Restoration Work:


Boat Wakes/Anthropogenic Impacts/Diversions/Erosion/Living Shorelines


Bhowmik, N. G., A.C. Miller, and B.S. Payne, 1990. Techniques for studying the physical effects of commercial navigation traffic on aquatic plants. Technical Report EL-90-10, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS., NTIS No. AD A229 834.


Department of Fisheries and Oceans Canada, Canadian Heritage, Ontario Ministry of Natural Resources and Conservation Ontario. 1999. Working around water: What you should know about fish habitat and docks, boathouses and boat launches. Fact Sheet #5, Issue Date September 1999. Published by the Fish Habitat Management Program, Fisheries and Oceans Canada. Burlington, ON.


Coen, L.D., Annotated Oyster Bibliography 50


Maryland Coastal Program, 2005. Shorelines Online. Department of Natural Resources, Tawes State Building E-2, Annapolis, MD, 21401.


Coen, L.D., Annotated Oyster Bibliography 55


Wright, D., 1989. Benthic boundary layers of estuarine and coastal environments. Reviews in Aquatic Sciences 1:75-95


http://boatwakes.homestead.com/files/wakesb.htm

Remote Sensing, Status and Trends and Mapping Related to Shellfish Resources/Habitats (Subtidal and Intertidal)


http://www.csc.noaa.gov/benthic/mapping/pdf/oysterreport.pdf#search=%22Pilot%20investigation%20of%20remote%20sensing%20for%20intertidal%20oyster%20mapping%20in%20coastal%20South%20Carolina%20methods%20comparison%20%22


Harris, D.C., 1980. Survey of the intertidal and subtidal oyster resources of the Georgia coast. Georgia Department of Natural Resources Coastal Resources Division (Project no. 2-234-R). Brunswick, Georgia, 44 pp.


Linton, T.L., 1969. Inventory of the intertidal oyster resources of Georgia. Pages 2-6, In: Linton, T.F. (Ed.) Feasibility study of methods for improving oyster production in Georgia. Final Report, Marine Fisheries Division, Georgia Game and Fish Commission and the University of Georgia.


**Pollution and Oysters (partial)**


Soniat, T.M. S.M. King, M.A. Tarr and M.A. Thorne, 2011. Chemical and physiological measures on oysters (Crassostrea virginica) from oil-exposed sites in Louisiana. J. Shellfish Res. 30:713-717.


**Non-Native Impacts**

http://www.nobanis.org/MarineIdkey/Bivalvia/LitCrassostrea.htm


**Perna viridis and Interactions with Oysters**


Species Specific Information

Boonea impressa

http://www.pac.dfo-mpo.gc.ca/sci/shelldis/pages/pyrasnoy_e.htm
http://erato.acnatsci.org/wasp/search.php/9129


White, M.E., N.E. Powell, S.M. Ray and E.A. Wilson, 1987. Host-to-host transmission of Perkinsus marinus in oyster (Crassostrea virginica) populations by the

Coen, L.D., Annotated Oyster Bibliography 67


**Geukensia and Other Mussels on Reefs**

For a discussion on *G. demissa* vs. *G. granosissima* see:


Nicchitta, C. V., and W. R. Ellington. 1983. Energy metabolism during air exposure and recovery in the high intertidal bivalve mollusc *Geukensia demissa granosissima*


**Palaemonetes-related**


Williams, A. B. 1984. Shrimps, lobsters and crabs of the Atlantic coast of the eastern United States, Maine to Florida. Smithsonian Institution Press, Washington, DC.