Focus on Molluscan Shellfish Ecology/Restoration, Especially for Oysters (*Crassostrea virginica*), Living Shorelines, Climate Change/Acidification, Remote Sensing, and Many Other Related Topics

(Revision date 7/16/17)

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Recent Shellfish Reviews and Related Subjects (relevant Taxonomy, focus Biogenic Molluscan Species, Oysters, Scale, Ecosystem Services, Climate Change, Stessors, Coral Reefs, etc.)


LDC, FAU Pg 3 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 6 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 13 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Palmer, M.A., L. Wainger, L. Craig, C. Febria, J. Hosen, K. Politano, 2011. Promoting successful restoration through effective monitoring in the Chesapeake Bay watershed: LDC, FAU Pg 15 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Ruckelshaus, M.H., P.M. Kareiva, and L.B. Crowder, 2014. The future of marine conservation and management. Ch. 23., 517-543pp. In: M.D. Bertness, B.J. Silliman, and J.J. LDC, FAU Pg 17 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)
Stachowicz (Eds.), Marine community ecology and conservation, Sinauer Associates, Sunderland, MA.


LDC, FAU Pg 19 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Fisheries and Aquaculture Information, especially Reviews for Molluscs

General Climate and Acidification, Stress, Related Papers/Reviews, Websites
http://ss2.climatecentral.org/#16/32.7858/-79.9613?show=income&projections=0-RCP85-SLR&level=0&unit=feet&pois=hide


**General Restoration Literature, Approaches, etc.**


LDC, FAU Pg 25  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Impacts and Site Selection for Aquaculture, Alternative Energy (wind turbines), etc.


**Disturbance From Harvesting, Non-Consumptive Human Impacts (Includes abandoned gear)**


LDC, FAU Pg 29 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Some Classic Works (and Reviews)


U. S. Coast Survey 1872 and 1874. Boat Sheets Nos. 1179a and 1179b approved for registry in 1872and 1874, respectively. Incorporating Results of Surveys of the James River made in 1871, 1872 and 1873. U. S. Coast Survey. Washington, D.C.


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.


General Marine Ecological Contributions, Metapopulations, Incl. Reproduction, Habitats, Attraction-Production Issue, etc.


LDC, FAU Pg 35 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Petraitis, P.S., and N. Vidargas, 2006. Marine intertidal organisms found in experimental clearnings on sheltered shores in the Gulf of Maine, USA. Ecology 87:796-


LDC, FAU Pg 39 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


**Living Shorelines, Erosion, Sea Level Rise, Nourishment, Related Topics by Location, etc. (In Progress)**

**General**


Bertness, M.D., B.R. Silliman, and C. Holdredge, 2009. Shoreline development and the future of New England salt marsh landscapes, Pp. 137-148, In: Human Impacts on Salt Marsh LDC, FAU Pg 44 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Identifying knowledge gaps hampering application of intertidal habitats in coastal protection: opportunities and steps to take. Coastal Engineering 87:147–157.

Boyd, C.A., and N.L. Pace, 2013. Coastal Alabama living shorelines policies, rules, and model ordinance manual. This project was supported by the Mobile Bay National Estuary Program with a grant from AL Department of Conservation and Natural Resources, State Lands Division, Coastal Section, through funding from the NOAA, Office of Ocean and Coastal Resource Management, Award # 11NOS4190104, 50pp. see http://www.oyster-restoration.org/wp-content/uploads/2012/06/Boyd-and-Pace-LS-2013.pdf


https://www.estuaries.org/living-shorelines


LDC, FAU Pg 47 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LinkedIn Living Shoreline Erosion Control forum. See http://www.linkedin.com/groups/Living-Shoreline-Erosion-Control-Forum-4157277/about

https://livingshorelinesacademy.org/


Mid-Atlantic Living Shorelines Summit (December 2013), presentations are now available at http://www.estuaries.org/mid-atlantic-living-shorelines-summit-presentations.html.


LDC, FAU Pg 49 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Mississippi-Alabama Sea Grant Legal Program, National Sea Grant Law Center, Troy University, 2014. Inventory of Shellfish restoration permitting & programs in the coastal states. Prepared for The Nature Conservancy, under TNC Cost Center Number 1981203049 with additional funding from the NOAA, U.S. Department of Commerce, 189pp. *a timely summary of shellfish policies in 21 coastal states.*


Pinsky, M.L. and D.A. Byler, in press. Fishing, climate variability, and fast growth increase the risk of collapse. Proceedings B


Sanford, L.P. and J. Gao, 2017. Influences of wave climate and sea level on shoreline erosion rates in the Maryland Chesapeake Bay. Estuaries & Coasts DOI 10.1007/s12237-017-0257-7


based coastal protection. CRC Marine Science Series, CRC Press, Taylor and Francis Group, Boca Rotan, FL.???


http://www.habitat.noaa.gov/restoration/techniques/livingshoreslines.html
http://www.habitat.noaa.gov/restoration/techniques/lsimplementation.html


Living Shorelines Database, COPRI, http://livingshoreslines.mycopri.org/

Southern Environmental Law Center’s LS site, http://www.southernenvironment.org/cases/living_shorelines/


New England

New York/New Jersey

Mitigating shoreline erosion along New Jersey’s sheltered coast: overcoming regulatory obstacles to allow for living shorelines. see http://www.state.nj.us/dep/cmp/docs/living-shorelines2011.pdf

Maryland

Burke, D.G., E.W. Koch, and J.C. Stevenson, 2005. Assessment of hybrid type shore erosion control projects in Maryland’s Chesapeake Bay-Phases I and II: Annapolis, Md., Chesapeake Bay Trust.


Mid-Atlantic Living Shorelines Summit 2014, presentation are now available at http://www.estuaries.org/mid-atlantic-living-shorelines-summit-presentations.html.

LDC, FAU Pg 53 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)
Luscher, A. and C. Hollingsworth, 2005. Shore erosion control the natural approach. Maryland Department of Natural Resources


Living Shoreline Stabilization at Riviera Beach, MD. See http://www.jmt.com/project-portfolio/living-shoreline-stabilization-at-riviera-beach/

Maryland Department of Natural Resources has debuted a new living shorelines website, See link (http://www.dnr.state.md.us/ccs/livingshorelines.asp).


Evaluation of Living Shoreline Techniques, Dr. Bhaskar Subramanian et al., http://www.vims.edu/cbnerr/_docs/ctp_docs/lst_docs/06_LS_Eval.pdf

CoastSmart Communities, http://dnr.maryland.gov/coastsmart/

Shoreline erosion maps by county, what are my options?, here St. Mary’s, http://dnr.maryland.gov/coastsmart/pdfs/StMarys.pdf

Restoring the Chesapeake Bay through Innovation, http://dnr.maryland.gov/ccs/livingshorelines.asp


North Carolina


NC Estuarine Shoreline Stabilization, NCDENR, http://dcm2.enr.state.nc.us/estuarineshoreline/estuarine.html


South Carolina

Georgia

Florida

http://www.dep.state.fl.us/coastal/news/articles/2008/0812_Shorelines.htm
http://www.dep.state.fl.us/northwest/ecosys/section/living_shorelines.htm
http://www.masgc.org/ppt/lsws/Schneider_files/frame.htm
http://floridalivingshorelines.com/

GOM


Boyd, C.A., and N.L. Pace, 2013. Coastal Alabama living shorelines policies, rules, and model ordinance manual. The Mississippi Alabama Sea Grant Legal Program, Project supported by the Mobile Bay National Estuary Program with a grant from AL Department of Conservation and Natural Resources, State Lands Division, Coastal

LDC, FAU Pg 55 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)

Alabama


Living Shorelines: State Regulations in Alabama, Mississippi, and Florida Mississippi-Alabama Sea Grant, see http://www.masgc.org/pdf/masgp/07-027.pdf

http://www.southalabama.edu/cesrp/Tide.htm

Southern Environmental Law Center’s LS site, http://www.southernenvironment.org/cases/living_shorelines/


Mississippi


http://www.masgc.org/page.asp?id=235


Louisiana


Texas


http://www.jmt.com/project-portfolio/living-shoreline-stabilization-at-riviera-beach/
http://tcwp.tamu.edu/files/2012/06/LivingShorelineBrochureFinal_3.pdf

California
http://www.thewatershedproject.org/WhatWeDo/LivingShoreLine.html
http://www.californiawildlifefoundation.org/pdf/Attachment%201_SF%20Bay%20Living%20Shorelines%20JARPA%2002142012.pdf

Oregon
Washington


The Puget Sound Restoration Fund (PSRF) is a Washington-based nonprofit founded in 1997, dedicated to restoring marine habitat, water quality and native species in Puget Sound. They are: (1) adding shell substrate to increase settlement success; (2) spreading shell and seed on shell (SOS, hatchery or natural set); or (3) producing hatchery-propagated native oyster seed using appropriate genetic protocols co-developed with the state’s WDFW. NMFS/NOAA is building a restoration hatchery to produce Olympia oyster (Ostrea conchaphila) seed on a larger scale. For more information about their Olympia oyster project see their website: www.restorationfund.org.


Green Shorelines Guidebook,  
http://www.seattle.gov/dpd/static/Green_Shorelines_Final_LatestReleased_DPDS015777.pdf

Green Shores website, http://www.stewardshipcentrebc.ca/greenshores/

**International**


**Recent Bivalve Contributions (w/ focus on Oyster Restoration includes recruitment, ecosystem services, diseases, feeding, reserves, reproduction, larvae, etc.) primarily:**


LDC, FAU Pg 58  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


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 52:207-216.


on Water Quality of the Potomac River Estuary. Aquatic Geochemistry 20: 291–324. Aquatic Geochemistry DOI 10.1007/s10498-014-9233-z shellfish remediation


evaluation of population restoration techniques. Restoration Ecology DOI: 10.1111/rec.12195


LDC, FAU Pg 63 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 69 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 70 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 72  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 73 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 74 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 75 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


North, E.W., D.M. King, J. Xu, R.R. Hood, R.I.E. Newell, K.T. Paynter, M.L. Kellogg, M.K. Liddel, and D.F. Boesch, 2010. Linking optimization and ecological models in a decision LDC, FAU Pg 78 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 79 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 81  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Powell, E.N., 2017. What is going on with Perkinsus marinus in the Gulf of Mexico? E & C 40:105-120.


Quan, W., R. Fan, Y. Wang, and A.T. Humphries, 2017. Long-term oyster recruitment and growth are not influenced by substrate type in China: implications for sustainable oyster reef restoration. J. Shellfish Res. 36:79–86.


LDC, FAU Pg 83 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)
Crassostrea virginica and northern quahog Mercenaria mercenaria. Aquatic Toxicology 155:199-206.


LDC, FAU Pg 84 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 85 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


**Olympia oyster (O. lurida), Non-Crassostrea Work, U.S., Canada and Elsewhere**


LDC, FAU Pg 90 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Quan, W., R. Fan, Y. Wang, and A.T. Humphries, 2017. Long-term oyster recruitment and growth are not influenced by substrate type in China: implications for sustainable oyster reef restoration. J. Shellfish Res. 36:79–86.


LDC, FAU Pg 92 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 93 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Troost, K., 2009. Pacific oysters in Dutch estuaries: causes of success and consequences for native bivalves. This project was funded by the Netherlands Organization for Scientific Research – Earth and Life Sciences (NOW-ALW; Project number 812.03.003). Part of a Ph.D. Dissertation, Wageningen IMARES – Yersek. University of Groningen, Department of Marine Biology Centre for Ecological and Evolutionary Studies, 255pp. see http://www.waddenacademie.nl/fileadmin/inhoud/pdf/06-wadweten/Proefschriften/Proefschrift_Karin_Troost.pdf


**Molluse Shells, Shape, Flow, Food, Behavior, Temperature, Salinity, DO, etc. (see also Paleobiology, Anthropology, Taphonomy, Geomorphology of Oysters and Reefs below):**


LDC, FAU Pg 95 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Hopkins, S.H., 1950. The inter-relationship of weight, volume, and linear measurements of oysters and the number of oysters per Louisiana sack measure. Texas A&M University, College Station, TX. 15pp.


LDC, FAU Pg 98 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


### Reef Development, Habitat Landscapes, Organisms Associations, Shape, Flow, Edge Effects, Halos, Geomorphology, Paleontology, Taphonomy (includes molluscs, corals, etc.):


LDC, FAU Pg 100  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


### Cultch Quarantine for Restoration


LDC, FAU Pg 101 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)

**Some Pertinent “Grey” Literature (Oysters, Clams, etc.) and websites**


Introduced species of Hawaii [http://www2.bishopmuseum.org/HBS/invertguide/species/crassostrea_virginica.htm](http://www2.bishopmuseum.org/HBS/invertguide/species/crassostrea_virginica.htm)


LDC, FAU Pg 102 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


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.


LDC, FAU Pg 104 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


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


Philpots, John R., 1890. Oysters, and all about them. being a complete history of the titular subject, exhaustive on all points of necessary and curious information from the earliest writers to those of the present time, with numerous additions, facts and notes. John Richardson & Co. Medical Publishers, London, U.K.

LDC, FAU Pg 107 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Walne, P.R., 1979. Culture of bivalve molluscs. 50 Years of Experience at Conwy Fishing New Books Ltd., Farnham 189.


Papers/Reports/Books/Handbooks Related to Sampling Habitats, Reviews (focus on Oysters, Marsh, Mudflats, etc.)


LDC, FAU Pg 110 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Minello, TJ. 1999. Nekton densities in shallow estuarine habitats of Texas and Louisiana and the identification of Essential Fish Habitat. AFS Symposium 22:43-75.


LDC, FAU Pg 111 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 112  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)
Relevant Genetics or Population (Fisheries, etc.) Models for Natural and Restored Reefs, Carrying Capacity, Aquaculture as An Alternative to Restoration, B-P Coupling


LDC, FAU Pg 116 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 120  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


**Modeling Restoration, Oyster Reef Habitat, Carrying Capacity, Aquaculture, ShellGIS**

Practical models are required to help manage aquaculture production, including the effects of aquaculture on wider ecosystem services, towards internalisation of wastes within multitrophic systems. However, models to date in general lack detailed representation of critical hydrodynamic effects in and around aquaculture, whether suspended or on the bottom, thus without sufficient spatial resolution to be useful on an individual farm scale, ShellGIS has been developed as a custom application of STEMgis, a geographic information system (GIS) that handles additional dimensions of time and depth, within which we have embedded state-of-the-art models that account for interactive effects of culture type, see [http://shellgis.com/Default.aspx](http://shellgis.com/Default.aspx)


Ocean Acidification, pH, El Niño, N& C trading, Stressors, Climate-Disease Impacts, Sea-Level Rise, and Related Topics (See also Paleo and Shell Budgets)

LDC, FAU Pg 123 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)
http://www.ecy.wa.gov/climatechange/ipa_resources.htm#OceanAcid web resource
http://pcsga.net/pcsga-tidings/ web resource


LDC, FAU Pg 130  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


**Carbonate and Shell Budgets and Restoration, etc. (see also Paleo section for more)**


http://www.sustainablefish.org/news/articles/2012/03/28/state-of-washington-establishes-ocean-acidification-panel

http://www.oceanacidification.noaa.gov/

http://www.oceanacidification.noaa.gov/AreasofFocus/OceanAcidificationMonitoring/coralmonitoringnetwork.aspx

LDC, FAU Pg 133 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


http://www.ecy.wa.gov/water/marine/oa/panel.html

LDC, FAU Pg 134  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Paleobiology, Anthropology, Taphonomy, Geomorphology of Oysters and Reefs (see also Shells, Shape, Flow, Food, DO, etc. Section above and Boonea):
http://www.georgiaencyclopedia.org/articles/history-archaeology/coastal-shell-rings


LDC, FAU Pg 137 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Keogh, C.L., M.E. Sanderson, and J.E. Byers, 2016. Local adaptation to parasite selective pressure: comparing three congeneric co-occurring hosts. Oecologia 180:137-147. 3 Littorines and parasites


Vermeij, G.J., 2010a. The Evolutionary world: how Adaptation explains everything from seashells to civilization. thomas Dunne Books, St. Martin’s Press, N.Y.


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

Shellfish-SAV, Bloom Interactions, Some Bivalve Aquaculture Interactions with Natural Systems, Benthos (see also Relevant Genetics, etc.)


Carriker, M.R., 1959. The role of physical and biological factors in the culture of *Crassostrea* and *Mercenaria* in a salt-water pond. Ecol. Monogr. 29:219-266.


Rheault, R.B., 2001. Eelgrass is Great, but Shellfish aquaculture is better. http://www.ecsga.org/Pages/Sustainability/eelgrass.htm


**Alternative Substrates for Restoration**


LDC, FAU Pg 154  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 156  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


**Predation/Competition/Refugia (other Bivalves also, See Paleobiol. For Vermeij et al.)**


LDC, FAU Pg 158  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


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

LDC, FAU Pg 163 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


**Predation on Oysters, Other Molluscs, Decapod Crabs on Reefs**


Canton, L.L., 2011. Factors affecting the selection and consumption of oyster reef prey (Crassostrea virginica, Geukensia demissa) by mud crabs (Panopeus herbstii). MS in Coastal Marine and Wetland Studies, Coastal Carolina University, 35pp.


LDC, FAU Pg 170 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Munroe, D., J. Kraeuter, B. Beal, K. Chew, M. Luckenbach, and C.P. Peterson, 2015. Clam predator protection is effective and necessary for food production. Marine Pollution Bulletin DOI: 10.1016/j.marpolbul.2015.09.042 Review of more than 35 peer-reviewed articles, as well as our own research that demonstrates the efficacy of predator protection


Community Restoration Work


LDC, FAU Pg 172 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


**Boat Wakes/Anthropogenic Impacts/FW, Turbidity, and Diversions/Hurricanes, Erosion/Living Shorelines, Specific Marine-Related Statistical Treatments**


LDC, FAU Pg 173 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


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.


LDC, FAU Pg 178 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


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


LDC, FAU Pg 180  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 182 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 184 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Ecosystems. E. Ozhan, Ed. MEDCOAST, Middle East Technical University, Ankara, Turkey. pp. 613-622.


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

LDC, FAU Pg 186 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)
General Statistics Texts, Modeling, Ecological Analyses and Relevant Critiques


LDC, FAU Pg 187  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 188 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 190  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Transformations: an introduction, see http://fmwww.bc.edu/repec/bocode/t/transint.html and http://udel.edu/~mcdonald/stattransform.html


LDC, FAU Pg 191  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Remote Sensing, Status and Trends and Mapping Related to Habitats, Especially Shellfish Habitats (Subtidal and Intertidal), Misc. Methods, Sed Traps, etc.


LDC, FAU Pg 192 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Gambordella, M., L. McEachron, C. Beals, and W. S. Arnold, 2007. Establishing baselines for monitoring the response of oysters in southeast Florida to changes in freshwater input,


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, 44pp.


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.


Oyster Sentinel, clearinghouse for environmental info and related health of estuaries in the Gulf of Mexico. Includes modeling tools to assess the impact of salinity alterations on oysters site selection for reef restoration, estimate timing and related info for sustainable harvests, see http://www.oystersentinel.org/.

Ozbay, G., Yang Fan, and C. Zhiming, ?? Relationship between land use and water quality and its assessment using hyperspectral remote sensing in mid-Atlantic Estuaries. Ch. 9 http://dx.doi.org/10.5772/66620


LDC, FAU Pg 196  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 197 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Pollution and Impacts on Oysters and Other Faunal Associates on Reefs


http://cmbc.ucsd.edu/content/1/docs/jackson1989.pdf

Gulf Oil Spill Information Center,
http://guides.lib.usf.edu/content.php?pid=121415&sid=1059513


LDC, FAU Pg 199 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


**General Intertidal and Subtidal Reef Assessments (Fish, Inverts, etc.)**


Dunham, A., H. Gurney-Smith, N. Plamondon, S. Yuan, and C.M. Pearce, 2013. Aquaculture potential of the basket cockle (*Clinocardium nuttallii*). Part 1: effects of stocking density


**Pinothererids and Related Lit.**


LDC, FAU Pg 206 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


**Intertidal Oyster Reefs, Disease, Exposure, etc.**


LDC, FAU Pg 208 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


**Diseases (Dermo, MSX, QPX, Vibrio, etc.)**


LDC, FAU Pg 210  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 212 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Willson, L.L., and L.E. Burnett, 2000. Whole animal and gill tissue oxygen uptake in the Eastern oyster, Crassostrea virginica: effects of hypoxia, hypercapnia, air exposure, and


**Parasites of Molluscs and Crabs**


**Birds associated with Shellfish Habitats, Beaches, Mudflats (Methods also)**


Jodice home page, http://people.clemson.edu/~pjodice/publications.html


LDC, FAU Pg 216 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


**Eutrophication, Denitrification, Nitrogen and C Sequestration (Reviews, Methods also)**


Non-Native Impacts, Dispersal of Oysters, *Mya*, etc. (does not include most mussel work)


See [http://www.nobanis.org/MarineIdkey/Bivalvia/LitCrassostrea.htm](http://www.nobanis.org/MarineIdkey/Bivalvia/LitCrassostrea.htm)


Introduced species of Hawaii
[http://www2.bishopmuseum.org/HBS/invertguide/species/crassostrea_virginica.htm](http://www2.bishopmuseum.org/HBS/invertguide/species/crassostrea_virginica.htm)


Joint Nature Conservation Committee (JNCC), UK, *C. gigas*, [http://jncc.defra.gov.uk/page-1714](http://jncc.defra.gov.uk/page-1714)

*Mya arenaria* introduction, [http://www.exoticsguide.org/mya_arenaria](http://www.exoticsguide.org/mya_arenaria), AK, BC Canada, WA, OR, CA, first obs. Pacific Coast in San Francisco Bay in 1874 from *C. v.* transfers. By the 1880s it was the most common clam sold in SF Bay area markets (Stearns 1881).


Edgar, G.J., 1997. Australian marine life: the plants and animals of temperate waters. Reed Books, Victoria. (cited in Last et al. 2011 Global Ecol Biog. 20:58-72, pg 70) at least 4 NZ marine invertebrate spp. have been introduced into Tasmanian waters, probably with shipments of live oysters around the 1920s, also triplefins perhaps


LDC, FAU Pg 224  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Herbert, R.J.H., C. Roberts, J. Humphreys, and S. Fletcher, 2012. The Pacific oyster (Crassostrea gigas) in the UK: economic, legal, and environmental issues associated with...


Holm, M.W., J.K. Davids, P. Dolmer, E. Holmes, T.T. Nielsen, B. Vismann, and B.W. Hansen, 2016. Coexistence of Pacific oyster Crassostrea gigas (Thunberg, 1793) and blue mussels Mytilus edulis (Linnaeus, 1758) on a sheltered intertidal bivalve bed? Aquatic Invasions 1:155-165. See https://pdfs.semanticscholar.org/0adc/2f8d8809e126cbec4d03b8006fbd655a7f0f.pdf


Huvet, A., A. Gérard, C. Ledu, P. Phélipot, S. Heurtebise, and P. Boudry, 2002. Is fertility of hybrids enough to conclude that the two oysters Crassostrea gigas and Crassostrea angulata are the same species? Aquatic Living Resources 15:45-52.


LDC, FAU Pg 228 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 229 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 231  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Stearn, R.E.C., 1881. Mya arenaria in San Francisco Bay. American Naturalist 15:142-146. *By the 1880s it was the most common clam sold in SF Bay area markets*


traits suggest local adaptation in a recently settled population of the Pacific oyster, Crassostrea gigas. BMC Genomics 2015;16:808 DOI: 10.1186/s12864-015-1972-8


**Perna viridis and Interactions with Oysters**


**Feeding by Gastropods, Intertidally and Subtidally**


**General Faunal Summaries by Region, State, Area (see Heck and Spitzer also below)**

See [http://www.dep.state.fl.us/labs/cgi-bin/sbio/keys.asp](http://www.dep.state.fl.us/labs/cgi-bin/sbio/keys.asp)
[http://decapoda.nhm.org/pdfs/](http://decapoda.nhm.org/pdfs/) Source for a lot of invert pdfs
[http://www.fiddlercrab.info/](http://www.fiddlercrab.info/) *Uca* website worldwide


Marine Invertebrates of Coastal South Carolina, [https://sites.google.com/site/gricecove/home](https://sites.google.com/site/gricecove/home)

Historical ecology of Charleston waters – [https://sites.google.com/site/gricecove/historical-data-project](https://sites.google.com/site/gricecove/historical-data-project)

Historical ecology of oysters – 2013, [https://sites.google.com/site/gricecove/historical-ecology-of-oysters](https://sites.google.com/site/gricecove/historical-ecology-of-oysters)


Indian River Lagoon (SW Atl. FL) Species Inventory [http://www.ssms.si.edu/irlspec/](http://www.ssms.si.edu/irlspec/), see also [http://www.ssms.si.edu/irlspec/Phyl_Mollus1.htm](http://www.ssms.si.edu/irlspec/Phyl_Mollus1.htm)

Indian River Lagoon (SW Atl. FL) *C. virginica.* [http://www.ssms.si.edu/irlspec/Crassostrea_virginica.htm](http://www.ssms.si.edu/irlspec/Crassostrea_virginica.htm)

West coast field guides/books, [https://sites.google.com/site/seaquariainschools/extresources/fieldguidesbooks](https://sites.google.com/site/seaquariainschools/extresources/fieldguidesbooks)

Polychaetes of Chesapeake Bay and Coastal VA, [http://www.vims.edu/bio/benthic/polychaete.html](http://www.vims.edu/bio/benthic/polychaete.html)

LDC, FAU Pg 236 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)
FL keys online for all sorts of organisms, [http://www.dep.state.fl.us/labs/cgi-bin/sbio/keys.asp](http://www.dep.state.fl.us/labs/cgi-bin/sbio/keys.asp)

Southwest Florida Shells with Emphasis on Sanibel & Captiva by José H. Leal, at the Bailey-Matthews Shell Museum, [http://shellmuseum.org/shells.cfm](http://shellmuseum.org/shells.cfm)

Related Websites for Malacology, etc., [http://shellmuseum.org/links.cfm](http://shellmuseum.org/links.cfm)

Jax Shells, On the Beach section, [http://www.jaxshells.org/slisex.htm](http://www.jaxshells.org/slisex.htm), sea life on beaches of NE FL.

Jax Shells, shell collecting, wonderful images and info on molluscs. Molluscs checklists for larger geographic scope but focus on east coast of FL, *Perna viridis* non-native also, [http://www.jaxshells.org/](http://www.jaxshells.org/)


Sharks of Florida, FL Sea Grant, [https://www.flseagrant.org/images/PDFs/sge_203_common_sharks_florida.pdf](https://www.flseagrant.org/images/PDFs/sge_203_common_sharks_florida.pdf)


World Register of Marine Species (WoRMS) provides an authoritative and comprehensive list of names of marine organisms, including information on synonymy, [http://www.marinespecies.org/](http://www.marinespecies.org/)

World-wide Shell links page, [http://www.jaxshells.org/linksto.htm](http://www.jaxshells.org/linksto.htm)


[http://www.okeefes.org/index.htm](http://www.okeefes.org/index.htm) general marine organisms for NC

[http://www.okeefes.org/krabbs/crab_photos.htm](http://www.okeefes.org/krabbs/crab_photos.htm) images crabs, NC coast

### Alphabetical List


LDC, FAU Pg 238 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


Heard, R., T. Hansknecht, and K. Larsen. 2003. An illustrated identification guide to Florida Tanaidacea (Crustacea: Peracarida) occurring in depths of less than 200 m. see http://publicfiles.dep.state.fl.us/dear/labs/biology/biokeys/tanaidacea.pdf also http://www.dep.state.fl.us/labs/cgi-bin/sbio/keys.asp


LDC, FAU Pg 239 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 240  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 241  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 242  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)
Simone, L.R.L., P.M. Mikkelsen, and R. Bieler, in press. Comparative anatomy of selected marine bivalves from the Florida Keys, with notes on Brazilian congeners (Mollusca: Bivalvia). Malacologia.


**General Macroalgal Summaries by Region**

http://botany.si.edu/projects/algae/biblio.htm


LDC, FAU Pg 243 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


- Keys and descriptions for the common species of algae, with black-and-white line drawings.


Species- or Taxa- Specific Information

*Boonea impressa* (related archaeology) and Other Molluscan Parasites (Eulimids)

http://www.pac.dfo-mpo.gc.ca/sci/shelldis/pages/pyrasnoy_e.htm

http://erato.acnatsci.org/wasp/search.php/9129


Fradkin, A., 2005. Applying a seasonality measure of oyster harvesting: A Case Study from the Pre Columbian Florida Coast. From M. Russo


See http://en.wikipedia.org/wiki/Eulimidae


**Geukensia and Other Mussels on Reefs and in Marine and Estuaries (also Dreissenids)**


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


The Animal Diversity Web,

http://animaldiversity.ummz.umich.edu/accounts/Geukensia_demissa/

http://txmarspecies.tamug.edu/invertdetails.cfm?scinam=Geukensia%20granosissima


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LDC, FAU Pg 253 (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


**Palaemonetes** - (Grass shrimp) Related and Brachyuran (especially xanthid), Porcellanid

**Papers**


LDC, FAU Pg 256  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


LDC, FAU Pg 258  (Please contact L. Coen, lcoen1@fau.edu for errors or additions)


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.,
http://decapoda.nhm.org/pdfs/11393/11393-001.pdf