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Estuarine Nekton

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Summary references:

Able, K.W. and M.P. Fahay. 1998. The first year of life of estuarine fishes in the Middle Atlantic Bight. Rutgers University Press. New Brunswick. 342 pp.

Horn, M.H., K.L.M. Martin, and M.A. Chotkowski. 1999. Intertidal fishes: life in two worlds. Academic press. San Diego.

Kneib, R.T.. 1997. The role of tidal marshes in the ecology of estuarine nekton. In *Oceanography and Marine Biology: an annual review*, A.D. Ansell, R.N. Gibson, and M. Barnes (eds.). UCL Press. 35:163-220.

Rozas, L.P. and T.J. Minello. 1997. Estimating densities of small fishes and decapod crustaceans in shallow estuarine habitats: a review of sampling design with focus on gear selection. *Estuaries*:199-213.

Yanez-Arancibia, A.. 1885. Fish community ecology in estuaries and coastal lagoons: towards an ecosystem integration. DR (R) UNAM Press. Mexico City.

Classic references:

Cain, R.L. and J.M. Dean. 1976. Annual occurrence, abundance, and diversity of fish in a South Carolina intertidal creek. *Marine Biology* 36:369-379.

Deegan, L.A. 1993. Nutrient and energy transport between estuaries and coastal marine ecosystems by fish migration. *Canadian Journal of Fisheries and Aquatic Sciences*. 50:74-79.

Hettler Jr., W.F., 1989. Nekton use of regularly-flooded saltmarsh cordgrass habitat in North Carolina, USA. *Marine Ecology Progress Series*. 56:111-118.

Kneib, R.T. and S.L. Wagner. 1994. Nekton use of vegetated marsh habitats at different stages of tidal inundation. *Marine Ecology Progress Series*. 106:227-238.

Odum, W.E. and E.J. Heald. 1972. Trophic analysis of an estuarine mangrove community. *Bulletin of Marine Science*. 22:671-738.

Oviatt, C.A. and S.W. Nixon. 1973. The demersal fish assemblages of Narragansett Bay: An analysis of community structure, distribution, and abundance. *Estuarine and Coastal Marine Science*. 1:361-378.

Rozas, L.P., C.C. McIvor, and W.E. Odum. 1988. Intertidal rivulets and creekbanks: corridors between tidal creeks and marshes. *Marine Ecology Progress Series*. 47:303-307.

Sogard, S.M., G.V.M. Powell, and J.G. Holmquist. 1987. Epibenthic fish communities on Florida Bay banks: Relations with physical parameters and seagrass cover. *Marine Ecology Progress Series*. 40:25-39.

Weinstein, M.P.. 1979. Shallow marsh habitats as primary nurseries for fishes and shellfish, Cape Fear River, North Carolina. *Fishery Bulletin*. 77:339-357.

Recent:

- Lazzari, M.A., S. Sherman, C.S. Brown, J. King, B.J. Joule, S.B. Chenoweth, R.W. Langton. 1999. Seasonal and annual variations in abundance and species composition of two nearshore fish communities in Maine. *Estuaries*. 22:636-647.
- Matheson Jr., R.E., D.K. Camp, S.M. Sogard, and K.A. Bjorgo. 1999. Changes in seagrass-associated fish and crustacean communities on Florida bay mud banks: The effects of recent ecosystem changes? *Estuaries*. 22:534-551.
- Raposa, K.B. and C.A. Oviatt. 2000. The influence of contiguous shoreline type, distance from shore, and vegetation biomass on nekton community structure in eelgrass beds. *Estuaries*. 23:46-55.
- Rozas, L.P. and R.J. Zimmerman. 2000. Small-scale patterns of nekton use among marsh and adjacent shallow nonvegetated areas in Galveston Bay Estuary, Texas (USA). *Marine Ecology Progress Series*. 193:217-239.
- Wagner, C.M. and H.M. Austin. 1999. Correspondence between environmental gradients and summer littoral fish assemblages in low salinity reaches of the Chesapeake Bay, USA. *Marine Ecology Progress Series*. 177:197-212.
- Williams, G.D. and J.B. Zedler. Fish assemblage composition in constructed and natural tidal marshes of San Diego Bay: Relative influence of channel morphology and restoration history. *Estuaries*. 22:702-716.

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