

MIDNIGHT PASS SOCIETY

SELECTED BIBLIOGRAPHY

SHORELINES/INLET MIDNIGHT PASS, NORTH CASEY KEY, SOUTH SIESTA KEY

- Chiu, T.Y. 1979. A study of the north end of Casey Key and Midnight Pass, Sarasota County, Florida. Coastal and Oceanog. Eng. Dept., U.F.
- Chiu, T.Y. 1988. Coastal construction control line review and reestablishment for Sarasota County. Beaches and Shores Resource Center, F.S.U.
- Demirpolot, S., W.F. Tanner and M. Knoblauch 1987. Bathymetric changes in Coastal Florida: An atlas, Sarasota County, 1874-1973. F.S.U.
- Demirpolot, S., W.F. Tanner and M. Knoblauch 1987. Historical Florida shorelines: An atlas. Sarasota County, 1883-1977. F.S.U.
- Foster, E.M. 1989. Historical shoreline changes, Sarasota County. Proc. 8th Coastal Sedimentology Symposium.
- Southwest Florida Regional Planning Council 1982. Southwest Florida hurricane loss study 1982.
- Stephens, M.F. 1982. Effects of the "No Name" storm along the southwest coast of Florida. Coastal Engineering Consultants Inc.
- U.S. Corps. of Engineers, Jax Distr. 1962. Detailed project report on Sarasota Passes, Sarasota, Florida.
- U.S. Corps. of Engineers' Jax Distr. 1984. Beach erosion control study for Sarasota County, Florida, with environmental impact statement.
- U.S. Dept. Commerce; N.O.A.A. 1973. Hurricanes affecting Manatee, Sarasota, and Charlotte Counties, Florida.
- Walton, T.L. Jr. 1977. Coastal history notes: Siesta Key. Florida Sea Grant Publ.
- Clark, R.R. 1986. The impact of hurricane Elena and tropical storm Juan on coastal construction in Florida. Beaches and Shores poststorm report number 85-3.
- Mapes, J. 1978. Siesta Key Report. Unpubl. Rept. of Siesta Key Island Watcher.

- Coastal Engineering Lab., U.F. 1958. Coastal engineering study of Casey Key. Rept. to Board of County Commissioners, Sarasota, Florida.
- U.S. Corps. of Engineers Jax Distr. 1977. Beach erosion control study, Sarasota County, Florida. Interm report on file Sarasota County Planning Dept.
- Davis, B. 1970. Shoreline survey Tampa Bay to Casey Key. Unpubl. Rept. on file Sarasota County Navigation District.
- Coastal and Oceanogr. Eng. Lab. 1975. Recommended Coastal Construction setback line for Sarasota County, Florida, UFL/COEL-75/021.
- Bruun, P., W.H. Morgan and J.A. Parpura 1962. Review of beach erosion and storm tide conditions in Florida 1961-1962. Eng. Progress at University of Florida, Tech. Prog. Rept. No. 13.
- Tanner, W.F. 1987. The beach: where is the "River of Sand"? J. Coastal Res. 3:337-386.
- Tanner, W.F. 1988. Beach Ridge data and sea level history from the Americas J. Coastal Res. 4:81-91.
- Evans, M.W., A.C. Hine, D.F. Belknap and R.A. Davis 1985. Bedrock controls on barrier island development: West Central Florida Coast. Marine Geology. 63:263-283.
- Barwis, J.H. 1975. Catalog of Tidal Inlet Aerial Photography. U.S.A.C.E. GITI Report 75-2. P. 104, Midnight Pass, Florida.
- Entsminger, L.D. 1975. Directions of sand transport, Anna Maria Key to Casey Key, Florida. Geol. Soc. Amer. Abstracts with Programs, Vol 7. p. 48.
- Jarrett, J.T. 1976. Tidal Prism - Inlet area Relationships. Dept. Army Corps. Engineers. GITI Rept. 3. P. 36, Midnight Pass, Florida.
- U.S. Army Corps. of Engrs. 1977. National Shorelines Study: Regional inventory report. Vol. III. Sarasota County pp. d88-d97.
- Stergios Dendrou and Charles Moore, Camp Dresser and McKee Inc. 1983. Hydrological assessment regarding proposed relocation of channel at Midnight Pass. Memorandum to Robert Patten, Director, Natural Resources Management, County of Sarasota, October 4, 1983. 5p.

- Clark, R.R. 1983. DBS 83-71, Midnight Pass. Letter from R.R. Clark, Chief. Bureau Coastal Engineering and Regulation, Fl. D.N.R. to Atty. Thomas W. Reese, Sept. 27, 1983.
- Davis, R.A. and A.C. Hine 1983. A geological assessment of Midnight Pass, Sarasota County, Florida. Contract report to Mr. Robert Patten, Director, Coastal Zone Management Office, Sarasota County, Oct. 4, 1983.
- DNR. Beach profiles. 16 Jul 74, 15 Jul 82; R-77, R-81. (Also beach profiles for area in Chiu 1979 report for 13 Aug 74 and 28 March 79 for R-79, R-80, R-81).
- U.S. Army COE. 1969. Beach erosion control study Sarasota County, 1969. Brief description of Siesta Key and Midnight Pass (dimensions), IWW dredging 1968, pass migration.
- Hansen, Mark. Midnight Pass, Summer 1983. Short description, geological classification, history, on-site observations, analysis. Sarasota County Natural Resources Management.
- Davis, R.A., Jr., and A.C. Hine, University of South Florida. A geological assessment of Midnight Pass Sarasota County, FL, 4 Oct 83. For public hearing on #83-78 on dredging Midnight Pass, also used by Blue Ribbon Committee for Midnight Pass. Includes Introduction to Tidal Inlet Behavior, History of Midnight Pass, Process-Response Systems in Inlets, and Findings, Conclusions, and Recommendations.
- Sauers, Steven. Memo to Robert Patten on Biological Assessment regarding proposed relocation of Channel at Midnight Pass, 3 Oct 83. For public hearing on #83-78 on dredging Midnight Pass, also used by Blue Ribbon Committee for Midnight Pass.
- Gourdie/Fraser & Associates, Inc., and University of FL Coastal Engineering Dept., The Naturalists. Coastal construction control line extension, preliminary report to Sarasota County Contract No. C83-254, 4 Oct 83. Review of historical records, photographs, existing ordinance, political jurisdiction, land use, shoreline processes, large appendix with maps of historical shoreline positions and bathymetry.

MIDNIGHT PASS SOCIETY

SELECTED BIBLIOGRAPHY

FISH KILLS

- Phytoplankton Blooms, Summer Rainfall Events, Red Tides, Winter "Freezes".
- Serviss, G. and Sauers, S. 1987. Fish kills in Little Sarasota Bay. County of Sarasota Interoffice Memo, July 31, 1987 to J. Merriam, Director, Nat. Resource Dept. 3p.
- Miller, R.W. 1989. Fish Kill. Delaware Conservationist. Summer pp. 38-40.
- Parry, G.D., Langdon, J.S. and Hiusman, J.M. 1989. Toxic effects of a bloom of the diatom Rhizosolenia Chumii on shellfish in Port Phillip Bay, Southeastern Australia. Marine Biology. 102:25-41.
- Marrase', C., Duarte, C.M. and Vaque, D. 1989. Succession patterns of phytoplankton blooms: directionality and influence of algae cell size. Marine Biology. 102:43-48.
- Morrill, J.B., Gasser, R., Morrill, C., Baker, S., and Hayes, T. 1977. Final Report on the 208 Program Water Quality Study of the Lemon Bay Complex Study Area. S.W. Fl. R.P. Council. August, 1977. "Winter freezes" p. 28, 30.
- Rinckey, G.R. and C.H. Saloman 1964. Effect of reduced water temperature on fishes of Tampa Bay, Florida. Quart. J. FL Acad. Sci. 27:9-16.

MIDNIGHT PASS SOCIETY

SELECTED BIBLIOGRAPHY

HARD SHELL CLAMS (MERCENARIA CAMPECHIENSIS)

- Herbert, J.P. 1988. A study of the effects of the closure of Midnight Pass on the clam population of Little Sarasota Bay. Midnight Pass Society Report, Sept. 1988. 6p.
- Small, D. 1989. Loving our bays to death. Delaware Conservationist. Summer. pp.30-33. P.34 "Hard clams, hard work".
- Estevez, E. and Bruzek, D.A. 1986. Survey of mollusks in southern Sarasota Bay, Florida, emphasizing edible species. Mote Marine Lab. Tech. Rept. No. 102, 97p.
- Sims, M.W. and Stokes, R.J. 1967. A survey of the hard shall clam (Mercenaria campechiensis) population in Tampa Bay, Florida. FL. St. Bd. Conserv. Marine Lab. special Sci. Rept. No. 17, 8p.
- Tucker, A. 1970. The clam. NY State conservationist; Infor. Leaflet. F-2.
- Castagna, M. and Chanley P. 1973. Salinity tolerance of some marine bivalves from inshore and estuarine environments in Virginia waters on the western mid-Atlantic coast. Malacologia. 12:47-96.
- Maurer, D., Keck, R.T., Tinsman, J.C. and Leathem, W.A. 1981. Vertical migration and mortality of benthos in dredged material - Part I: Mollusca. Mar. Environ. Res. 4:299-319.
- Grizzle, R.E. and Monin, P.J. 1989. Effects of tidal currents, seston, and bottom sediments on growth of Mercenaria mercenaria: results of a field experiment. Mar. Biol. 102:85-93.
- Porter, H.J. 1964. Seasonal gonadal changes of adult clams, Mercenaria mercenaria in North Carolina. Proc. Natl. Shell Fisheries Assoc. 55:35-52.
- Eldridge, P.J. 1980. Reproductive cycle of Mercenaria mercenaria in a South Carolina estuary. Proc. Natl. Shellfisheries Assoc. 70:22-30.
- Grizzle, R.E. and Lutz, R.A. 1988. Descriptions of macroscopic banding patterns in sectioned polished shells of Mercenaria mercenaria from southern New Jersey. J. Shellfish Res. 7:367-370.

- Hunt, J.H., Ambrose, W.G. and Peterson, C.H. 1987. Effects of the gastropod, Ilyanassa obsoleta and the bivalve Mercenaria mercenaria on larval settlement and juvenile recruitment of infauna.
- Petersen, C.H., H.C. Summerson and P.B. Duncan 1984. The influence of seagrass cover on population structure and individual growth rate of a suspension feeding bivalve, Mercenaria mercenaria. J. Mar. Res. 42, 123-138.
- Petersen, C.H. 1986. Enhancement of Mercenaria mercenaria densities in seagrass beds. Limnol. Oceanogr. 31,200-205.

MIDNIGHT PASS SOCIETY

SELECTED BIBLIOGRAPHY

SEAGRASSES

- Sauers, S. 1984. Seagrasses; Little Sarasota Bay - Bird Keys Area, June - December 1984: shoot density, blade length, Five permanent quadrat stations. Little Sarasota Bay study, Sarasota County, Unpubl. map and tables.
- Sauers, S. 1987. Condition of seagrass in vicinity of Midnight Pass. Interoffice memo (Oct. 20, 1987) to commissioner Jeanne McElmurray, Board of County Commissioners.
- Mangrove Systems Inc. 1988. Marine habitat trend analysis, Sarasota County. Final Report for Nat. Resources Dept., Sarasota County, 16 p. and oversize maps.
- Phillips, R.G. 1960. Observations on the ecology and distribution of the Florida seagrasses. FL. ST. Bd. Conserv., Marine Lab., Prof. Papers Series No. 2, 72p.
- Durako, M.J., Phillips, R.C. and Lewis, R.R. (Eds.) 1987. Proceedings of the symposium on subtropical-tropical seagrasses of the southeastern United States. FL. Dept. Nat. Res. Bur. Mar. Res. Res. Publ. No. 42.
- McMillan, C. 1984. The distribution of tropical seagrasses with relation to their tolerance of high temperatures. Aquatic Botany. 19:369-379.
- Hine, A.C., Evans, M.W., Davis, R.A. and Belknap, D.F. 1986. Directional response to seagrass mortality along a low-energy, barrier-island coast: West-Central Florida. J. Sedimentary Petrology. 57:431-439.
- Fonseca, M.S. and Kenworthy, W.J. 1987. Effects of current on photosynthesis and distribution of seagrasses. Aquatic Botany. 27:59-78.
- Morgan, M.D. 1984. Productivity and utilization of the seagrass Halodule wrightii and its attached epiphytes. Limnol. Oceanog. 29:1066-1076.
- Silberstein, K., Chiffingo, A.W. and McComb, A.J. 1986. The loss of seagrass in Cockburn Sound, Australia-III the effect of epiphytes on productivity of Posidonia australis. Aquatic Botany. 24:355-371.
- Iverson, R.L. and H.F. Bittaker 1986. Seagrass distribution and abundance in eastern Gulf of Mexico Coastal waters. Estuaries' Coastal and Shelf Science. 22:577-602.

- Zieman, J.C. 1982. The ecology of the seagrasses of South Florida: A community profile. U.S. Dept. Interior, Bureau of Land Management, Fish and Wildlife Service. FWS/OBS-82/85.
- Gilbert, S.S. and K.B. Clark 1981. Seasonal variation in standing crop of the seagrass Syringodium filiforme and associated epiphytes in the northern Indian River, Florida. Estuaries. 4:223-225.
- Conover, J.T. 1968. Importance of natural diffusion gradients and transport of substances related to benthic marine plant metabolism. Bot. Mar. 11:1-9.
- Mitchell, C. 1987. Growth of Halodule wrightii in culture and the effects of cropping, light, salinity and atrazine. Aquatic Bot. 28:25-37.
- Stoner, A.W. and Lewis, F.G. 1985. The influence of quantitative and qualitative aspects of habitat complexity in tropical sea grass meadows. J. Exp. Mar. Biol. Ecol. 94:19-40.
- Odum, H.T. 1974. Tropical Marine Meadows. In: Odum, H.T., B.J. Copeland and E.A. McMahan (eds.). Coastal Ecological Systems of the United States I, pp. 442-487. Conservation Foundation.
- Sauers, S. 1980. Seasonal growth cycles and natural history of two seagrasses (Halodule and Thalassia) in Sarasota Bay, Florida. In: W.J. Tiffany (ed.). Environmental Status of Sarasota Bay. Mote Marine Lab. Rept. pp. A1-A78.
- Sauers, S.C. 1981. Seasonal growth of seagrasses in Sarasota Bay Florida, with notes on historical changes and considerations for restoration. In: Stovall, R.H. (ed). Proceedings of the eighth annual conference on wetlands restoration. pp. 118-139.

MIDNIGHT PASS SOCIETY

SELECTED BIBLIOGRAPHY

MACRO DRIFT ALGAE/GRACILARIA

- Sauers, S. and Serviss, G. 1985. Ecological Status of Little Sarasota Bay with reference to Midnight Pass. Coastal Zone Management Division of NRMD, Sarasota County. Macroalage, pp. 24-33.
- Mangrove Systems Inc. 1988. Marine habitat trend analysis, Sarasota County. Final Report for National Resource Dept., Sarasota County. 16p. and oversize maps.
- Benz, M.C., Eisemann, J.J. and Gallaher, E.E. 1979. Seasonal occurrence and variation in standing crop of a drift algae community in the Indian River, Florida. *Botanica Marina*. 22:413-420.
- F.W.P.C.A. 1969. Problems and management of water quality in Hillsborough Bay, Florida. Hillsborough Bay technical assistance project, S.E. Region, Fed. W.P.C.A., Tampa, FL 86p.
- Virnstein, R.W. and Carbonara, P.A. 1985. Seasonal abundance and distribution of drift algae and seagrasses in the mid-Indian River lagoon, Florida. *Aquatic Botany*. 23:67-82.
- Hodgson, L.M. 1984. Dessication tolerance of Gracilaria tikvahiae (Rhodophyta). *Phycol.* 20:444-446.
- Bird, N.L., Chen, C.M. and McLachlan, J. 1979. Effects of temperature, light and salinity on growth in culture of Chondrus crispus, Frucellaria lumbriculus, Gracilaria tikvahiae and Fucus serratus. *Botanica Marina*. 22:521-527.
- Silva, R.L., Pereira, S.M.B., de Oliveira Fo, E.C., and Eston, V.R. 1987. Structure of a bed of Gracilaria spp. (Rhodophyta) in northeastern Brazil. *Botanica Marina*. 30:517-523.
- Lapointe, B.E. 1987. Phosphorous - and nitrogen-limited photosynthesis and growth of Gracilaria tikvahiae (Rhodophyceae) in the Florida Keys: an experimental field study. *Marine Biology*. 93:561-568.
- Hanisak, M.D. 1987. Cultivation of Gracilaria and other macroalgae in Florida for energy production. In *Seaweed Cultivation for Renewable Resources*. Bird, K.T. and P.H. Benson (Eds.) Elsevier Sci. Publ. Chpt. 8.

- Santelices, B. and Doty, M.S. 1989. A review of Gracilaria farming. Aquaculture. 78:95-133.
- Cowper, S.A.W. 1978. The drift algal community of seagrass beds in Redfish Bay, Texas. Contrib. Mar. Sci, 21:125-132.
- Thrush, S.F. 1986. The sublittoral macrobenthic community structure of an Irish sea-lough effect of decomposing accumulations of seaweed. J. Exp. Mar. Biol. Ecol. 96:199-212.
- Olafsson, E.B. 1988. Inhibition of larval settlement to a soft bottom benthic community by drifting algal mats: an experimental test. Mar. Biol., 97:571-574.
- Lincer, J.L. 1975. The Ecological Status of Dona and Roberts' Bay. Mote Marine Lab. Report to Board of County Commissioners, Sarasota County. VI B-1 - 13-14, Plants with emphasis on marine benthic algae.
- Laing, W.A., J.T. Christeller and B.E. Terzaghi 1989. The effect of temperature, photon flux density and nitrogen on growth of Gracilaria sordida Nelson (Rhodophyta). Bot. Mar. 32:439-445.
- Gove, R.H., Gallaher, E.E., Scotto, L.E. and Wilson, K.A. 1981. Studies on decapod crustacea from the Indian River region of Florida. XI community composition, structure, biomass and species -areal relationships of seagrass and drift algae associated macrocrustaceans. Estuar. Coastal Mar. Sci. 12:485-508.

MIDNIGHT PASS SOCIETY

SELECTED BIBLIOGRAPHY

SEDIMENTS

- Bland, M.J. and R.A. Davis 1988. Sedimentary environments within Little Sarasota Bay, Florida. J. Coastal Res. 4:279-288.
- Davis, R.A., A.C. Hine and M.J. Bland 1987. Midnight Pass, Florida: Inlet instability due to non-related activities in Little Sarasota Bay. Coastal "Sediments 87", WW Div/ASCE, pp. 2062-2077.
- Sauers, S. and G. Serviss 1985. Ecological status of Little Sarasota Bay with reference to Midnight Pass. Sarasota, Florida: Coastal Zone Management, Sarasota County.
- Sly, P.G. (ed) 1986. Sediments and water interactions. Springer-Verlag. New York.
- Floderus, S. and Hakanson, L. 1989. Resuspension, ephemeral mud blankets and nitrogen cycling in Laholmsbukten, southeast Kattegat. Hydrobiologia. 176/177:61-75.

MIDNIGHT PASS SOCIETY

SELECTED BIBLIOGRAPHY

THE DOORWAY

- Mathis, K. et al. 1979. Commerical fishing activity and facility needs in Florida. Hillsborough, Manatee, Pasco, Pinellas and Sarasota Counties. Florida Agricultural Market Research Center. Industry Report 79-4.
- Ward, G.H. and N.E. Armstrong, 1980. Matagorda Bay, Texas: it's hydrography, ecology and fishery resources. Biol. Services Prog. F.W.S./OBS - 81/52. 230p.
- Becassio, A.D. et al. 1982. Gulf Coast ecological inventory: user's guide and information base. Biol. Services Prog. F.W.S./OBS - 82/55 191p.
- Sykes, J.E. 1965. Occurrence in Tampa Bay, Florida of immature species dominant in Gulf of Mexico Commercial fisheries. Fishery Bull. 65, 369-379.
- Reid, G.K. 1969. The seasons in three feet of water. The Florida Naturalist. Oct. p. 149-151.
- Brook, I.M. 1977. Trophic relationships in a seagrass community (Thalassia testudinum), in Card Sound, Florida. Fish diet in relation to macrobenthic and cryptic faunal abundance.
- Stoner, A.W. 1983. Distribution of fishes in seagrass meadows: role of macrophyte biomass and species composition. Fishery Bull, 81, 837-846.
- Huh, Sung-Hoi and C.L. Kitting 1985. Trophic relationships among concentrated populations of small fishes in seagrass meadows. J. exp. mor. biol. Ecol. 92, 29-43.
- Fincune, J.H. 1969. Ecology of the pompano (Trachinotis carolinus) and the permit (T. falcatus) in Florida. Trans. Amer. Fish Soc. 98, 478-486.
- Tabb, D.C. 1966. The estuary as a habitat for spotted seatrout, Cynoscion nebulosus. Amer. Fish Soc. Special Publ. No. 3, 59-67.
- Seamon, W. and M. Collins 1983. Species profiles: Life histories and environmental requirements of coastal fishes and invertebrates (South Florida): SNOOK. F.W.S./OBS - 82/11 16.

- Anderson, G. 1985. Species profiles: Life histories and environmental requirements of coastal fishes and invertebrates (Gulf of Mexico) GRASS SHRIMP. F.W.S./OBS Biological Report 82 (11.35).
- Dragovich, A. and J.A. Kelly 1962. A biological study and some economic aspects of squid in Tampa Bay, Florida. Proc. Gulf and Caribbean Fisheries Institute. Fifth Ann. Session p. 87-103.
- Gunter, G. 1950. Seasonal population changes and distribution as related to salinity of certain invertebrates of the Texas coast, including the commercial shrimp. Publ. Inst. Mar. Sci. 1(2), 7-51.
- McMichael, R.H. and K.M. Peters 1989. Early life history of spotted seatrout, Cynoscion nebulosus (Pisces: sciaenidae), in Tampa Bay, Florida. Estuaries 12,98-110.

MIDNIGHT PASS SOCIETY

SELECTED BIBLIOGRAPHY

BENTHIC INVERTEBRATES, BENTHIC ENVIRONMENTS
AND BENTHIC FAUNAL ASSOCIATIONS

- Mahadevan, S. et al. 1984. Bibliography of benthic Studies in the Coastal and estuary areas of Florida. Florida Sea College Program Report No. 66. pp 260-267, Sarasota Co. Includes list of 28 annotated unpublished reports.
- Foster, R. 1974. The macrobenthic of selected habitats from the west coast of Florida: a multivariate analysis. Thesis, New College 70 p., 5 appendices.
- Morrill, J.B. 1978-79. South Lido Key Park, Sarasota County field studies. Unpublished reports on benthic fauna of Brushy Bayou and seagrass beds near Big Pass. New College Biology files.
- Morrill, J.B. 1985-1987, 1989. Quantitative analyses of macro-invertebrates and seagrass beds. New College grass flats. Unpublished reports on macroinvertebrates in cuban shoal weed, turtle grass and bare sand areas. New College Biology files.
- Ladd, H.S. 1963. Brackish-water and marine assemblages of the Texas coast, with special reference to mollusks. Publ. Inst. Mar. Sci., Univ. Texas. 2(1), 125-163.
- Taylor, J.L., J.R. Hall and C.H. Saloman 1970. Mollusks and benthic environments in Hillsborough Bay, Florida. Fishery Bull, 68,191-202.
- Franz, D. 1976. Benthic molluscan assemblages in relation to sediment gradients in northeastern Long Island Sound, Connecticut. Malacologia 15, 377-399.
- Estevez, E.D. 1986. Infaunal macroinvertebrates of the Charlotte Harbor estuarine system and surrounding inshore waters, Florida. U.S. Geol. Survey, Water Resources Investigation Report 85-4260 - 116p.
- Parker, R.H. 1955. Changes in the invertebrate fauna, apparently attributable to salinity changes in the bays of central Texas. J. Paleontology 29, 193-211.
- Moore, H.B. and N.N. Lopez 1970. Contribution to the ecology of the lamellibranch Tellina alternata. Bull. Mar. Sci. Gulf & Caribbean. 20, 971-980.

- Hathaway, R.R. and K.D. Woodburn 1961. Studies on the crown conch Melongena corona Gemlin. Bull. Mar. Sci. Gulf & Caribbean. 11, 45-65.
- Alvis, C.A. 1971. Trophic relationships between significantly associated species of macrobenthos in the shoal grass habitat. M.S. Thesis, Florida State Univ. 96 p.
- Holland, A.F. and J.M. Dean 1977. The biology of the stout razor clam Tagelus plebeius: I. animal sediment relationships, feeding mechanism and community biology. Chesapeake Sci. 18, 58-66.
- Holland, A.F. and J.M. Dean 1977. The biology of the stout razor clam Tagelus plebeius: II some aspects of the population dynamics. Chesapeake Sci. 18, 188-196.
- Harry, H.H. 1976. Correlation of benthic mollusca with substrate composition in lower Galveston Bay, Texas. The Veliger. 19, 135-152.
- Flint, R.W. and R.D. Kalke 1986. Niche characterization of dominant estuarine benthic species. Estuarine, Coastal and Shelf Sci. 22, 657-674.
- O'Gower, A.K. and J.W. Wacasey 1967. Animal communities associated with Thalassia Diplanthera and seagrass beds in Biscayne Bay. I. analysis of communities in relation to water movements. Bull. Mar. Sci. 17, 175-210.
- Zimmerman, R., R. Gibson and J. Harrington 1979. Herbivory and detritivory among gammaridean amphipods from a Florida seagrass community. Mar. Biol. 54, 41-87.
- Kitting, C.L. 1984. Selectivity by dense populations of small invertebrates foraging among seagrass blade surfaces. Estuaries 7, 276-288.
- Nelson, G.F. 1969. Amphioxus in Old Tampa Bay, Florida. Q.J. Florida Acad. Sci:31,93-100.
- Kenny, R. 1969. Effects of temperature, salinity and substrate on distribution of Clymenella torquata (Leidy), Polychaeta. Ecol. 50,624-631.
- Peckol, P. and D. Baxter 1986. Population dynamics of the onuphid polychaete Diopatra cuprea (BOSC) along a tidal exposure gradient. Estuaries. Coastal and shelf sci. 22,371-377.
- Cadee, G.C. 1979. Sediment reworking by the polychaete Heteromastus filiformis on a tidal flat in the Dutch Wadden Sea. Nether. J. Sea Res. 13,441-456.

- Cadee, G.C. 1976. Sediment reworking by Arenicola marina on tidal flats in the Dutch Wadden Sea. Nether. J. Sea Res. 10,440-460.
- Beakema, J.J. and J. de Vlas 1979. Population parameters of the lugworm Arenicola marina living on tidal flats in the Dutch Wadden Sea. Nether. J. Sea Res. 13,331-353.
- Dauer, D.M. and J. L. Simon 1975. Lateral or along-shore distribution of the polychaetous annelids of an intertidal sandy habitat. Mar. Biol. 31,363-370.
- Woodin, S.A. 1974. Polychaete abundance patterns in a marine soft-sediment environment: the importance of biological interactions. Ecol. Monog. 44,171-187.
- Gray, J.S. and F.B. Mirza 1979. A possible method for the detection of pollution-induced disturbance on marine benthic communities. Mar. Pollution Bull, 10,142-146.
- Able, L.G. and K. Walters 1979. Marine benthic diversity: a critique and alternative explanation. J. Biology 6,115-126.
- Bechtel, T.J. and B.J. Copeland 1970. Fish species diversity indices as indications of pollution in Galveston Bay, Texas contributed in Marine Sci. U. of Texas 15,103-132.
- Mann, K.H. 1982. Ecology of Coastal Waters. University California Press.

MIDNIGHT PASS SOCIETY

SELECTED BIBLIOGRAPHY

ANNOTATED LIST OF WATER QUALITY STUDIES IN THE
SARASOTA BAY SYSTEM THAT HAVE INFORMATION RELATED
DIRECTLY OR INDIRECTLY TO MIDNIGHT PASS -
LITTLE SARASOTA BAY BEFORE AND AFTER
CLOSURE OF THE PASS.

- 1972-75 Baldridge, D. 1975-76. MML Red Tide Water Quality Project, Charlotte Harbor Mote Marine Lab. Unpublished.
- Biweekly sampling of water temp., salinity, pH, total phosphate, nitrate-nitrite, reactive silicate, chlorophylla, humic acid. 8 stations in Charlotte Harbor; 4 stations in Sarasota Co. Midnight Pass (Sta. 21), Big Pass (Sta. 22), New Pass (Sta. 24). Sta. 12, Charlotte Harbor located at the southwest end of Boca Grande toll bridge inside Gasparilla Pass. Data for Stations 12 and 21 represent biweekly water quality fluctuations over 3 years when M.P. was functional.
- 1972-75 Martin, D. 1976. Correlation coefficient calculations of chemical and physical factors associated with water samples from MML Red Tide Program. Unpublished report, Chemistry Dept. U.S.F.
- For M.P. Station 21, the only significant correlation was - 0.826 between color and salinity.
- 1972 Foster, B. 1974. The macrobenthos of selected habitats from the west coast of Florida: a multivariate analysis. Thesis, New College 53 pp.
- Includes chemical water quality data for 10 factors for June, July and August 1972 for nearshore stations in Little Sarasota Bay - Heron Lagoon, Roberts Bay - Grand Canal, Coconut Bayou and Bayside mangrove lagoons. Data for 71 observations were analyzed by a product-moment correlation coefficient matrix to generate the principle components.
- 1972 Morrill, J.B., C. de Narvaez, et al. 1974. Hydrography of the Grand Canal and Heron Lagoon waterways, Siesta Key, Florida. Unpublished Report, Environmental Studies Program, New College. Includes: dawn-dusk values for salinity, D.O., CO₂, pH, particulate matter, chlorophylla,

nitrate/nitrite, organic phosphate, ortho-phosphate for stations in northern Little Sarasota Bay - Heron Lagoon waterways and Roberts Bay - Grand Canal for June, July and August, 1972.

- 1974-75 Lincer, J. 1975. The ecological status of Dona and Robert's Bays. Report to Board of County Commissioners, Sarasota County by Mote Marine Laboratory.

Includes in Section V water quality data for collections from May 15, 1974-March 5, 1975 for ICW, mouth of South Creek (Sta. 1) and Venice Inlet (Sta. 6) for 20 factors at weekly intervals. This period overlaps the MML Red tide study for the Midnight Pass Station 21; the data reflect the tidal influences of Venice Inlet waters in northern Blackburn Bay and southern most Little Sarasota Bay before closure of Midnight Pass.

- 1976-77 Rushton, B. and Tullai, J. 1977. A case study of an altered neutral estuary, North Siesta Key, Florida. Thesis, New College 123 pp.

Includes: water quality data on rainfall, water temperature, D.O., D.O. saturation, salinity, secchi disc depths in dead end canals, bayous, grass flats in open bay at dawn - dusk for 7/27/76, 9/9/76, 9/12/76, 1/8/76, 1/27/77, 4/17/77, 4/25/77. The water quality data compared for dredge canals and shallow open bay areas in an embayment influenced by tidal exchange via Big Pass and by freshwater discharges from Phillipi Creek.

- 1977 Smolker, D., Hayes, T. and Baker, C.S. 1977. Tidal Creeks of southwest Florida: an environmental and aesthetic assessment. Thesis, New College 179 p.

Includes: water quality data taken February 15-17 for nine tidal creeks, Manatee County to Charlotte County. Data for 3 stations on Catfish and North Creek, Little Sarasota Bay include water temp., salinity, pH, color, suspended solids, D.O., B.O.D., total coliform, fecal coliform, fecal strep, FC/FS ratios chlorophylla, ammonia NH₃, total Kjeldahl N., nitrate and nitrite, ortho-phosphate, total phosphate. Dry period of 15 days before sampling.