### BIBLIOGRAPHY OF BENTHIC LITERATURE FOR TAMPA BAY

The following bibliography was pulled together by Kathryn Smith (U.S. Geological Survey), and Holly Greening (Tampa Bay Estuary Program) in preparation for the talk "History of benthic habitat research in Tampa Bay", presented at the Tampa Bay Study 4<sup>th</sup> Annual Science Conference, St. Petersburg, FL on February 8<sup>th</sup> and 9<sup>th</sup> (<a href="http://gulfsci.usgs.gov/">http://gulfsci.usgs.gov/</a>). The goal for this talk was to present a timeline of benthic research in Tampa Bay, highlighting seminal works. The document was created by first using a bibliography provided by Charles Kovach (Florida Department of Environmental Protection), which was then sorted by major topic, and finally updated with the more recent works. Any additions or errors should be sent to Kathryn Smith, <a href="https://kelsmith@usgs.gov">kelsmith@usgs.gov</a> or 727-803-8747 x3073.

## **SEAGRASS**

Andorfer, J.; and C.J. Dawes. 2002. Production of rhizome meristems by the tropical seagrass Thalassia testudinum: the basis for slow recovery into propeller scars. Journal of Coastal Research 37(1): 130-142.

Avery, W. 2000. Monitoring submerged aquatic vegetation in Hillsborough Bay, Florida. In: Bortone, S.A., (ed.) 2000. Seagrasses: monitoring, ecology, physiology, and management. CRC Press, Boca Raton, FL. Pp. 137-145.

Avery, W.M. 1997. Macroalgae and seagrass in Hillsborough Bay. In: Treat, S., (ed.) Proceedings, Tampa Bay Area Scientific Information Symposium 3. 1996 Oct. 21-23; Clearwater, Fla. Pp. 151-165.

Avery, W. 1997. Distribution and abundance of macroalgae and seagrass in Hillsborough Bay, Florida, from 1986 to 1995. In: Treat, S., (ed.). Proceedings, Tampa Bay Area Scientific Information Symposium 3. 1996 Oct. 21-23; Clearwater, Fla. Pp. 151-165.

Avery, W.M. 1991. Status of naturally occurring and introduced *Halodule wrightii* in Hillsborough Bay. In: Treat, S.F.; Clark, P.A., (eds.). Proceedings, Tampa Bay Area Scientific Information Symposium 2. 1991 February 27 - March 1; Tampa, Fla. Pp. Pp. 177-187.

Avery, W.M.; and J.O.R. Johansson. 2001. Tampa Bay Interagency Seagrass Monitoring Program: Seagrass Species Distribution and Coverage Along Fixed Transects 1997-2000. TBEP# 02-01. 95 pp.

Avery, W.M.; and J.O.R. Johansson. 2002. Data summary from the Tampa Bay interagency seagrass monitoring program through the year 2001. TBEP# 09-02.

Avery, W.M.; and J.O.R. Johansson. 2003. Data summary from the Tampa Bay interagency seagrass monitoring program through the year 2002. TBEP# 03-03.

Avery, W.M.; and J.O.R. Johansson. 2004. Data summary from the Tampa Bay interagency seagrass monitoring program through the year 2003. TBEP# 05-04.

- Bay Study Group. 1997. Seagrass and Caulerpa monitoring in Hillsborough Bay. Seventh annual report. Submitted to: The FDEP, Tampa Office, March 1, 1977. City of Tampa, Department of Sanitary Sewers.
- Bell, S.S.; R.A. Brooks; B.D. Robbins; M.S. Fonseca; and M.O. Hall. 2001. Faunal response to fragmentation in seagrass habitats: implications for seagrass conservation. Biological Conservation 100(1): 115-123.
- Bell, S.S.; Clements, L.A.J.; and J. Kurdiziel. 1993. Production in natural and restored seagrasses: a case study of macrobenthic polycheate. Ecological Applications 3:610-621.
- Bell, S.S.; Hall, M.O.; and M.S. Fonseca. 1994. Evaluation of faunal and floral attributes of seagrass beds in high and low energy regimes: a geographic comparison. In: Dyer, K.R. and R.J. Orth (eds.). Changes in Fluxes in Estuaries: Implications from Science to Management. ECSA22/ERF Sympositum. Olsen and Olsen Publishers, Fredensborg, Denmark. Pp. 267-272.
- Bell, S.S.; Hall, M.O.; and B.D. Robbins. 1995. Toward a landscape approach in seagrass beds Using macroalgal accumulation to address questions of scale. Oecologia 104: 163-168.
- Bell, S.S.; Hall, M.O.; M.S. Fonseca; and K. Madley. 2002. Assessing the impact of boat propeller scars on fish and shrimp utilizing seagrass beds. Ecological Applications 12: 206-217.
- Bell, S.S.; B.D. Robbins; and S.L. Jensen. 1999. Gap dynamics in a seagrass landscape. Ecosystems 2(6): 493-504.
- Biber, P.D.; Paerl, H.W.; Gallegos, C.L.; and W.J. Kenworthy. 2005. Evaluating indicators as seagrass stress to light. In: Bortone, S.A., (ed.). Estuarine Indicators. CRC Press, New York, New York. Pp. 193-210.
- Blakesley, B.A.; Berns, D.M.; Merello, M.F.; Hall, M.O.; and J. Hypniova. 2002. The dynamics and distribution of the slime mold *Labyrinthula sp*. And its potential impacts on *Thalassia testudinum* populations in Florida. In: Greening, H. (ed.). Proceedings, Seagrass Management: It's Not Just Nutrients! Tampa Bay Estuary Program, St. Petersburg, Florida. Pp. 199-207.
- Bortone, S.A. (ed.). 2000. Seagrasses: monitoring, ecology, physiology, and management. CRC Press, Boca Raton, FL. 318 pp.
- Brooks, R.A.; and S.S. Bell. 2001. Mobile corridors in marine landscape: enhancement of faunal exchange at seagrass/sand ecotones. Journal of Experimental Marine Biology and Ecology 264: 67-84.
- Brown, M.M. 2001. The drift algae of seagrass beds in Sunset Beach, Cockroach Bay,

and Tarpon Bay on the west coast of Florida. MS Thesis, University of South Florida, Tampa, Florida.

City of Tampa. 1996. Seagrass and Caulerpa monitoring in Hillsborough Bay. Seventh annual report to the FDER. Submitted by the City of Tampa, Dept. of Sanitary Sewers, Bay Study Group. 14 pp.

City of Tampa. 1995. Seagrass and Caulerpa monitoring in Hillsborough Bay. Sixth annual report to the FDER. Submitted by the City of Tampa, Dept. of Sanitary Sewers, Bay Study Group. 17 pp.

City of Tampa. 1994. Seagrass and Caulerpa monitoring in Hillsborough Bay. Fifth annual report to the FDER. Submitted by the City of Tampa, Dept. of Sanitary Sewers, Bay Study Group. 30 pp.

City of Tampa. 1993. Seagrass and Caulerpa monitoring in Hillsborough Bay. Fourth annual report to the FDER. Submitted by the City of Tampa, Dept. of Sanitary Sewers, Bay Study Group. 28 pp.

City of Tampa. 1992. Seagrass and Caulerpa monitoring in Hillsborough Bay. Third annual report to the FDER. Submitted by the City of Tampa, Dept. of Sanitary Sewers, Bay Study Group. 25 pp.

City of Tampa. 1991. Seagrass and Caulerpa monitoring in Hillsborough Bay. Second annual report to the FDER. Submitted by the City of Tampa, Dept. of Sanitary Sewers, Bay Study Group. 22 pp.

City of Tampa. 1990. Seagrass and Caulerpa monitoring in Hillsborough Bay. Initial report to the FDER. Submitted by the City of Tampa, Dept. of Sanitary Sewers, Bay Study Group. 19 pp.

City of Tampa. 1988. An ongoing survey of *Halodule wrightii*, *Ruppia maritima*, and the alga, *Caulerpa prolifera*, in Hillsborough Bay, Florida. Dept. San. Sewers, Bay Study Group. 26 pp.

Clark, P.A.; and R.E. Musser, Jr. Community-based seagrass restoration activities in Tampa Bay, Florida -B1999. Submitted to National Fish Wildl. Foundation, Shell Marine Program, Jacksonville Community Foundation - Env. Restitution Fund, Singing for a Change Foundation, and WRB Enterprises, Inc. 9 pp.

Continental Shelf Associates, Inc. 1983. Annotated bibliography of seagrass research conducted in Tampa Bay, Florida. Florida Department of Environmental Regulation, Tallahassee.

Culter, J.K.; and J.S. Sprinkel. 1999. Seagrass survey in the vicinity of Big Bend Power Plant, Tampa Bay. MML Tell & Rept 593. Feb. 1999. 35 pp.

- Dawes, F.J. 1967. Marine Algae in the Vicinity of Tampa Bay, Florida. University of South Florida, Tampa, Florida. 104 pp.
- Dawes, C.J. 1987. The dynamic seagrasses of the Gulf of Mexico and Florida coasts. In: Durako, .J.; Phillips, R.C.; and R.R. Lewis, III, (eds.). Proc. Symp. Subtropical-tropical seagrasses of the southeastern U.S. Florida Marine Research Publication No. 42. FDNR, Bureau Marine Research, St. Petersburg, FL.
- Dawes, C.J. 1986. Seasonal proximate constituents and caloric value in seagrasses and algae on the west coast of Florida. J. Coastal. Res. 2: 25-32.
- Dawes, C.J. 1985. Macroalgae of the Tampa Bay estuarine system. In: Treat, S.F.; Simon, J.L.; Lewis, R.R., III; and R.L. Whitman, Jr., (eds.). Proceedings, Tampa Bay Area Scientific Information Symposium. 1982 May. Burgess Publishing Co., Inc., Minneapolis, MN. Available from Tampa BASIS, P.O. Box 290197, Tampa, FL 33687. Pp. 184-209.
- Dawes, C.J. 1998. Biomass and photosynthetic response to irradiance by a shallow and deep water population of *Thalassia testudinum* on the west coast of Florida. Bulletin of Marine Science 62(1): 89-96.
- Dawes, C.J.; Andorfer, J.; Rose, C.; Uranowski, C.; and N. Ehringer. 1997. The regrowth of the seagrass *Thalassia testudinum* into propeller scars. Aquat. Bot. 59: 139-155.
- Dawes, C.J.; Chan, M.; Chinn, R.; Koch, E.; Lazar, A.; and D. Tomasko. 1987. Proximate composition, photosynthetic and respiratory responses of the seagrass *Halophila englemanni* from Florida. Aquat. Bot. 27: 195-201.
- Dawes, C.J.; Ehringer, J.N.; Rose, C.D.; Uranowski, C.; and J. Andorfer. 1995. Recovery of Thalassia testudinum into boat propeller cuts. Cockroach Bay, Tampa, Fla. Second year report. Univ. South Florida and Hillsborough Community College.
- Dawes, C,J., Hall. M.O.; and R.K. Riechert. 1985. Seasonal biomass and energy content in seagrass communities on the west coast of Florida. J. Coastal. Res. 2: 25-32.
- Dawes, C.J.; and J.M. Lawrence. 1980. Seasonal changes in the proximate constituents of the seagrass *Thalassia testudinum*, *Halodule wrightii*, and *Syringodium filiforme*. Aquat. Bot. 8: 371-380.
- Dawes, C.J.; and J.M. Lawrence. 1979. Effects of blade removal on the proximate composition of the rhizome of the seagrass *Thalassia testudinum* Banks ex Kong. Aquat. Bot. 7: 255-266.

- Dawes, C.J.; Loban, C.S.; and D.A. Tomasko. 1989. A comparison of the physiological ecology of the seagrasses *Halophila decipiens* and *H. johnsonii* from Florida. Aquat. Bot. 33: 149-154.
- Dawes, C.J.; and A.C. Mathieson. 1972. A new species of Pseudocodium (Chlorophyta, Siphonales) from the west coast of Florida. Phycologia 11: 273-277.
- Dawes, C.J.; Moon, RE.; and M.A. Davis. 1978. The photosynthetic and respiratory rates and tolerances of benthic algae from a mangrove and salt marsh estuary; a comparative study. Estuarine Coastal Sci. 6: 175-185.
- Dawes, C.J.; Phillips, R.; and G. Morrison. 2004. Seagrass communities of the Gulf Coast of Florida: Status and ecology. Florida Fish and Wildlife Conservation Commission Fish and Wildlife Research Institute and the Tampa Bay Estuary Program. St. Petersburg, FL. 74 pp.
- Dawes, C.J.; and D.A. Tomasko. 1988. Depth distribution of *Thalassia testudinum* in two meadows on the west coast of Florida; a difference in effect of light availability. P.S.Z.N.I. Mar. Ecol. 9: 123-130.
- Dawes, C.J.; and D.A. Tomasko. 1988. Responses of perennial bases of *Sargassum filipendula* from three sites on the west coast of Florida. Bull. Mar. Sci. 42: 166-173.
- Dixon, L.K. 2000. Establishing light requirements for the seagrass *Thalassia testudinum*: an example from Tampa Bay, Florida. In: Bortone, S.A., (ed.) 2000. Seagrasses: monitoring, ecology, physiology, and management. CRC Press, Boca Raton, FL. Pp. 9-32.
- Dixon, L.K. 2002. Light requirements of Tampa Bay seagrasses: nutrient-related issues still pending. In: Greening, H.S. (ed.). Proceedings, Seagrass Management: It's Not Just Nutrients! Tampa Bay Estuary Program, St. Petersburg, Florida. Pp. 21-28.
- Dixon, L.K.; and J.R. Leverone. 1995. Light requirements of *Thalassia testudinum* in Tampa Bay, Florida. Final Report. Mote Marine Laboratory Technical Report 425. Mote Marine Laboratory, Sarasota, Florida.
- Dixon, L.K.; and J.R. Leverone. 1997. Annual light regime of light-limited *Thalassia testudinum* in Tampa Bay, Florida. In: Treat, S., (ed.). Proceedings, Tampa Bay Area Scientific Information Symposium 3. 1996 Oct. 21-23; Clearwater, Fla. Pp. 171-181.
- Durako, M.J.; Hall, M.O.; Sargent, F.; and S. Peck. 1992. Propeller scars in seagrass beds: an assessment and experimental study of recolonization in Weedon Island State Preserve, Florida. Pp. 42-53 in Proceedings of the 19th annual conference of wetlands restoration and creation. Hillsborough Community College, Tampa, FL.

Durako, M.J.; Shup, J.J.; Andress, C.J.; and D.A. Tomasko. 1993. Restoring seagrass beds: some new approaches with *Ruppia maritima* L. (widgeon-grass). In: Proceedings of the twentieth annual conference of wetlands restoration and creation. Hillsborough County Community College, Tampa, FL. Pp. 88-101.

Fonseca, M.S.; Kenworthy, W.J.; and F.X. Courtney. 1996. Development of planted seagrass beds in Tampa Bay, Florida, USA: I. Plant components. Mar. Ecol. Prog. Ser. 132: 127-139.

Fonseca, M.S.; Meyer, D.L.; and M.O. Hall. 1991. Aspects of seagrass restoration in Tampa Bay. In: Treat, S.F.; Clark, P.A., (eds.). Proceedings, Tampa Bay Area Scientific Information Symposium 2. 1991 February 27 - March 1; Tampa, Fla. P. 217.

Fonseca, M.S.; Robbins, B.D.; Whitfield, P.E.; Woods, L.; and P. Clinton. 2002. Evaluating the effect of offshore sandbars on seagrass recovery and restoration in Tampa Bay through ecological forecasting and hindcasting of exposure to waves. TBEP# 07-02. Tampa Bay Estuary Program, St. Petersburg, Florida. #07-02.

Greening, H. (ed.). 2002. Seagrass management: It's not just nutrients! TBEP# 04-02. 246 pp.

Hackney, J.W.; and M.J. Durako. 2005. A hierarchical approach to the evaluation of variability in ecoindicators of the seagrass *Thalassia testudinum*. In: Bortone, S.A., (ed.). Estuarine Indicators. CRC Press, New York, New York, Pp. 175-192.

Haddad, K.D. 1989. Habitat trends and fisheries in Tampa and Sarasota Bays. In: Tampa and Sarasota Bays: Issues, Resources, and Status and Management. National Oceanic and Atmospheric Administration Estuary-of-the-Month Seminar Series No. 11. National Oceanic and Atmospheric Administration, Washington, D.C.

Hall, M.O. 1988. Dynamics and interactions of epiphytic macroalgae and meiofauna on the seagrass *Thalassia testudinum*. Ph.D. Dissertation, University of South Florida, Tampa, Florida.

Hall, M.O.; and S.S. Bell. 1988. Response of small motile epifauna to compleity of epiphytic algae on seagrass blades. Journal of Marine Research 46: 613-630.

Hall, M.O.; and S.S. Bell. 1993. Meiofauna on the seagrass *Thalassia testudinum*: population characteristics of harpacoid copepods and associations with algal epiphytes. Marine Biology 116: 137-146.

Heffernan, J.J.; and R.A. Gibson. 1985. Seagrass productivity in Tampa Bay: a comparison with other subtropical communities (abstract). In: Treat, S.F.; Simon, J.L.; Lewis, R.R., III; and R.L. Whitman, Jr., (eds.). Proceedings, Tampa Bay Area Scientific Information Symposium. May 1982. USF, Tampa, FL. P. 247.

Johansson, J.O.R. 1995. Reestablishment of seagrass meadows in Hillsborough Bay. In: State of the Bay 1995. Prepared by Tampa Bay Regional Planning Council and its Agency on Bay Management.

Johansson, J.O.R. 2005. Shifts in phytoplankton, macroalgae, and seagrass with changing nitrogen loading rates to Hillsborough Bay, Florida. In: Proceedings, Tampa Bay Area Scientific Information Symposium 4. 2003 Oct. 27-30; St. Petersburg, FL (In Press).

Johansson, J.O.R.; and H.S. Greening. 2000. Seagrass restoration in Tampa Bay: a resource-based approach to estuarine management. In: Bortone, S.A., (ed.) 2000. Seagrasses: monitoring, ecology, physiology, and management. CRC Press, Boca Raton, FL. Pp. 279-293.

Johansson, J.O.R.; and T. Ries. 1997. Seagrass in Tampa Bay: historic trends and future expectations. In: Treat, S., (ed.). Proceedings, Tampa Bay Area Scientific Information Symposium 3. 1996 Oct. 21-23; Clearwater, Fla. Pp. 139-150.

Kelly, P.O. 1995. Long-term trends of macroalgae in Hillsborough Bay. Florida Scientist 58: 179-191.

Koch, E.W. 2002. Impact of boat-generated waves on a seagrass habitat. Journal of Coastal Research 37(1): 66-74.

Kurz, R.C.; Tomasko, D.A.; Burdick, D.; Ries, T.F.; Patterson, K.; and R. Fink. 2000. Recent trends in seagrass distributions in southwest Florida coastal waters. In: Bortone, S.A., (ed.) Seagrasses: monitoring, ecology, physiology, and management. CRC Press, Boca Raton, FL. Pp. 157-166.

Kurz, R.C.; Tomasko, D.A.; Burdick, D.; Ries, T.F.; Patterson, K.; and R. Fink. 1999. Summary of recent trends in seagrass distributions in southwest Florida coastal waters. SWFWMD, 7601 US Hwy 301 N, Tampa FL 33637. 19 pp., appendices.

Lazar, A.C.; and C.J. Dawes. 1991. A seasonal study of the seagrass *Ruppia maritima* L. in Tampa Bay, Florida: organic constituents and tolerances to salinity and temperature. Bot. Mar. 34: 265-269.

Lewis, R.R., III. 2002. The potential importance of te longshore bar system to the persistence and restoration of Tampa Bay seagrass meadows. In: Greening, H. (ed.). Proceedings, Seagrass Management: It's Not Just Nutrients! Tampa Bay Estuary Program, St. Petersburg, Florida. Pp. 177-183.

Lewis, R.R., III; Clark, P.; Fehring, W.K.; Greening, H.S.; Johansson; and R.T. Paul. 1998. The rehabilitation of the Tampa Bay estuary, Florida, USA: an example of successful integrated coastal management. Marine Pollution Bulletin 37: 468-473.

Lewis, R.R., III; Durako, M.J.; Moffler, M.D.; and R.C. Phillips. 1985. Seagrass meadows of Tampa Bay: a review. In: Treat, S.F.; Simon, J.L.; Lewis, R.R.; and R.L. Whitman, (eds.). Proceedings, Tampa Bay Area Scientific Information Symposium. May 1982. Bellwether Press, Edina, ME. Florida Sea Grant Project No. IR/82-2, Report No. 65. Pp. 210-216.

Lewis, R.R., III; and E.D. Estevez. 1988. The ecology of Tampa Bay, Florida: an estuarine profile. U.S. Dept. Int., Fish & Wildlife Service Bio. Rep. 85(7.18). September 1998. 132 pp.

Lewis, R.R., III; Haddad, K.D.; and J.O.R. Johansson. 1991. Recent areal expansion of seagrass meadows in Tampa Bay, Florida: real Bay improvement or drought-induced? In: Treat, S.F.; Clark, P.A., (eds.). Proceedings, Tampa Bay Area Scientific Information Symposium 2. 1991 February 27 - March 1; Tampa, Fla. Pp. Pp. 189-192.

Lewis, R.R.; and R.C. Phillips. 1980. Seagrass mapping project, Hillsborough County, Florida. Mangrove Systems, Inc. Tampa Port Authority, Tampa, FL. 30 pp.

Madley, K.A.; and S.S. Bell. 1997. Characteristics affecting the movement of drifting macroalgae in a patchy seagrass shoal (abstract). 1997. In: Treat, S., (ed.). Proceedings, Tampa Bay Area Scientific Information Symposium 3. 1996 Oct. 21-23; Clearwater, Fla. P. 167.

Meyer, D.L.; Fonseca, M.S.; Murphey, P.L.; McMichael, Jr., R.H.; Byerly, M.M.; LaCroix, M.W.; Whitfield, P.E.; and G.W. Thayer. 1999. Effects of live-bait shrimp trawling on seagrass beds and fish by-catch in Tampa Bay, Florida. Fishery Bulletin 97: 193-199.

Miller, R.L.; and B.F. McPherson. 1995. Modeling photosynthetically active radiation in waters of Tampa Bay, Florida, with emphasis on the geometry of incident irradiance. Estuarine, Coastal and Shelf Science 40: 359-377.

Mueller, Brandi. 2004. Quality of *Halodule wrightii* growing near marinas. BIOS (Ocean Grove) 75(2):53-57.

Neely, M.B. 2000. Somatic, respiratory, and photosynthetic responses of the seagrass *Halodule wrightii* to light reduction in Tampa Bay, Florida including a whole plant carbon budget. In: Bortone, S.A., (ed.) Seagrasses: monitoring, ecology, physiology, and management. CRC Press, Boca Raton, FL. Pp. 33-48.

Phillips, R.C. 1962. Distribution of seagrasses in Tampa Bay, Florida. Special Scientific Report No. 6, Marine Laboratory, State of Florida Board of Conservation. 12 pp.

Robbins, B.D.; and S.S. Bell. 2000. Dynamics of a subtidal seagrass landscape: Seasonal and annual change in relation to water depth. Ecology 81(5): 1193-1205.

Robbins, B.R.; Fonseca, M.S.; Koch, E.W.; and A. Malhotra. Synthesizing seagrass models: Application to ecological forecasting. In: Proceedings, Tampa Bay Area Scientific Information Symposium 4. 2003 Oct. 27-30; St. Petersburg, FL (In Press).

Rose, C.D.; and C.J. Dawes. 1999. Effects of community structure on the seagrass Thalassia testudinum. Mar. Ecol. Prog. Ser. 184: 83-95.

Rydene, D.A.; and R.E. Matheson, Jr. 2003. Diurnal fish density in relation to seagrass and drift algae cover in Tampa Bay, Florida. Marine Ecology Progress Series 190: 211-222.

Sargent, F.J.; Leary, T.J.; Crewz, D.W.; and C.R. Kruer. 1995. Scarring of Florida=s seagrasses: assessment and management options. FMRI Tech. Rep. TR-1. Florida Marine Research Institute, St. Petersburg, FL. 46 + pp.

Sargent, FJ.; Leary, T.J.; Kuhl, D.E.; Lamb, A.P.; Colby, M.M.; Macauley, G.M.; and P.J. Rubec. 1996. Propeller scar monitoring program for the Tampa Bay National Estuary Program. Contract No. T95-03-A2. FDEP, FRI. 51+ pp.

Sargent, F.; Leary, T.J.; Rubec, M.; Colby, M.; Kuhl, D.; and A. Lamb. 1996. Assessment of seagrass scarring in Tampa Bay and recommendations for monitoring. Tech. Pub. #14-96, Tampa Bay National Estuary Program.

Southwest Florida Water Management District. 1998. Seagrass monitoring protocol B summer 1998 results. Technical report prepared by Scheda Ecological Associates, Inc. for the SWIM Section.

Southwest Florida Water Management District. 1996. Seagrass aerial mapping.

Stowers, J.F.; Ferhmann, E.; and A. Squires. 2002. Seagrass scarring in Tampa Bay: impact analysis and management options. In: Greening, H. (ed.). Proceedings, Seagrass Management: It's Not Just Nutrients! Tampa Bay Estuary Program, St. Petersburg, Florida. Pp. 47-54.

Tampa Electric Company. 1997. Plan of study for seagrass survey in the vicinity of Big Bend Power Plant, Tampa Bay. Revised July 31, 1999. Prepared by Tampa Electric Company. Submitted to the Florida Department of Environmental Protection.

Touchette, B.W.; and J.M. Burkholder. 2002. Seasonal variation in carbon and nitrogen constituents in eelgrass (*Zostera marina* L.) as influenced by increased temperature and water-column nitrate. Botanica Marina 45(1): 23-34.

Tomasko, D.A. 1992. Variation in growth form of shoal grass (*Halodule wrightii*) dur to changes in the spectral composition of light below a canopy of turtle grass (*Thalassia testudinum*). Estuaries 15: 214-217.

Tomasko, D.A. 2002. Status and trends of seagrass coverage in Tampa Bay, with reference to other southwest Florida estuaries. In: Greening, H. (ed.). Proceedings, Seagrass Management: It's Not Just Nutrients! Tampa Bay Estuary Program, St. Petersburg, Florida. Pp. 11-20.

Tomasko, D.A.; and C.J. Dawes. 1990. Influences of season and water depth on the clonal biology of the seagrass Thalassia testudinum. Mar. Biol. 105: 345-351.

Tomasko, D.A.; and C.J. Dawes. 1989. Effects of partial defoliation on remaining intact leaves in the seagrass *Thalassia testudinum* Banks ex Konig. Bot. Mar. 32: 235-240.

Tomasko, D.A.; and C.J. Dawes. 1989. Evidence for physiological integration between shaded and unshaded short shoots of *Thalassia testudinum*. Ecol. Prog. Ser. 54: 299-305.

Tomasko, D.A.; Dawes, C.J.; and M.O. Hall. 1996. The effects of anthropogenic nutrient enrichment on turtle grass (*Thalassia testudinum*) in Sarasota Bay, Florida (USA). Estuaries 19: 448-456.

Tomasko, D.A.; Dawes, C.J.; and M.O. Hall. 1991. A seasonal study of the seagrass *Ruppia maritima* L. in Tampa Bay Florida. Organic constituents and tolerances to salinity and temperature. Bot. Mar. 34: 265-269.

Wetzel, D.; and E. Van Vleet. 1994. Gas chromatographic analysis of sediment and seagrass samples collected September 1, 1993 from the August 10, 1993 Bouchard 155 oil tanker spill in Tampa Bay. Department of Marine Science, University of South Florida, St. Petersburg, FL. Unpublished report. 7 pp.

Witz, M.J.A.; and C.J. Dawes. 1995. Flowering and shoot age in three *Thalassia testudinum* meadows of west central Florida. Botanica marina 38: 431-436.

# ALGAE

Hoffman, W.C.; and C.J. Dawes. 1980. Photosynthetic rates and primary production by two Florida benthic red algal species from a salt marsh and a mangrove community. Bull. Mar. Sci. 30: 358-364.

Phillips, R.C. 1960. Ecology and distribution of marine algae found in Tampa Bay, Boca Ciega Bay, and at Tarpon Springs, Florida. Quart. J. Fl. Acad. Sci. 23: 222-260.

#### HARD-BOTTOM

Lewis, R.R.; and R.L. Whitman. 1985. A new geographic description of the bottom boundaries and subdivision of Tampa Bay. In: Treat, S.F.; Simon, J.L.; Lewis, R.R., III; and R.L. Whitman, (eds.). Proceedings, Tampa Bay Area Scientific Information Symposium. 1982 May. Burgess Publishing Co., Inc., Minneapolis, MN. Available from Tampa BASIS, P.O. Box 290197, Tampa, FL 33687.

Dawson, Jr., C.E. 1953. A survey of Tampa Bay area. Fla. State Board Conserv. Mar. Lab. Tech Ser. 8. 39 pp. (cited in Derrenbacker & Lewis, 1985)

Derrenbacker, Jr., J.A.; and R.R Lewis. 1985. Live bottom communities of Tampa Bay. In: Treat, S.F.; Simon, J.L.; Lewis, R.R., III; and R.L. Whitman, (eds.). Proceedings, Tampa Bay Area Scientific Information Symposium. 1982 May. Burgess Publishing Co., Inc., Minneapolis, MN. Available from Tampa BASIS, P.O. Box 290197, Tampa, FL 33687.

Savercool, D.M.; and R.R. Lewis, III. 1994. Hard bottom mapping of Tampa Bay. Tech. Pub. #07-94, Tampa Bay National Estuary Program. Prepared by Lewis Environmental Services, Inc. 14 pp.

# **OYSTERS & MUSSELS**

Benson, A.J.; Marelli, D.C.; Frischer, M.E.; Danforth, J.M.; and J.D. Williams. 2001. Establishment of the Green mussel, *Perna viridis* (Linnaeus 1758) (Mollusca: Mytilidae) on the west coast of Florida. Journal of Shellfish Research 20(1): 21-29.

Finucane, J.H.; and R.W. Campbell, III. 968. Ecology of American oysters in Old Tampa Bay, Florida. Quart. J. Florida Acad. Sci. 31: 37-46.

Finucane, J.H.; and A. Dragovich. 1968. Ecology of American oysters in Old Tampa Bay, Florida. Q. J. Fla. Acad. Sci. 31: 37-46.

Fisher, W.S., L.M. Oliver, J.T. Winstead, and E.R. Long. 2000. A survey of oysters *Crassostrea virginica* from Tampa Bay, Florida: associations of internal defense measurements with contaminant burdents. Aquatic Teoxicology 51(1): 115-138.

Ingrao, D.A., P.M. Mikkelson, and D.W. Hicks. 2001. Another introduced marine mollusk in the Gulf of Mexico: The Indo-Pacific green mussel, *Perna viridis*, in Tampa Bay, Florida. Journal of Shellfish Research 20(1): 13-19.

Sims, H.W.; and R.J. Stokes. 1967. A survey of the hard clam shell (*Mercenaria campechiensis* Gmelin) population in Tampa Bay, Florida. Florida State Bd. Conserv. Mar. Lab. Spec. Sci. Rept. 17. 6 pp.

Simon, J.L.; Doyle, L.J.; and W.G. Conner. 1976. Environmental impact of oyster shell dredging in Tampa Bay, Florida. Report No. 4: final report on the long-term effects of oyster shell dredging in Tampa Bay. FDER, Tallahassee, FL. 81 pp.

Taylor, J.L.; Hall, J.R.; and C.H. Saloman. 1971. Mollusks and benthic environments in Hillsborough Bay, Florida. Fish. Bull. 68: 191-202, U.S. Fish. Wildl. Serv.

Taylor, J.L.; Hall, J.R.; and C.H. Saloman. 1970. Mollusks and benthic environments in Hillsborough Bay, Florida. U.S. Fish. Wildl. Serv. Fish. Bull. 68(2): 191-202.

### SEDIMENT & BENTHOS

Blake, N.J.; Doyle, L.J.; and T.E. Pyle. 1976. The macrobenthic community of a thermally altered area of Tampa Bay, Florida. In: Esch, G.W.; and R.W. McFarlane, (eds.). Thermal Ecology II. Pp. 296-301.

Brooks, G.R.; and L.J. Doyle. 1992. A characterization of Tampa Bay sediments. Phase III. Distribution of sediments and sedimentary contaminants. Prepared for SWFWMD, Brooksville, FL. Prepared by University of South Florida Center for Nearshore Marine Science. St. Petersburg, FL.

Brooks, G.R.; and L.J. Doyle. 1991. Distribution of sediments and sedimentary contaminants in Tampa Bay. In: Treat, S.F.; Clark, P.A., (eds.). Proceedings, Tampa Bay Area Scientific Information Symposium 2. 1991 February 27 B March 1; Tampa, Fla. Pp. Pp. 399-413.

Brooks, G.R.; and L.J. Doyle. 1989. Recent geological history of mud-dominated sediments in Hillsborough Bay, Florida. Final report to City of Tampa, Florida.

Brooks, G.R.; and L.J. Doyle. 1998. Recent sedimentary development of Tampa Bay, Florida: A microtidal estuary incised into tertiary platform carbonates. Estuaries 21(3): 391-406.

Brooks, G.R.; Doyle, L.J.; Johansson, J.O.R.; Squires, A.P.; Zsoldos, H.D.; and R.H. Byrne. 1991. Distribution patterns and accumulation rates of fine-grained sediments in upper Tampa Bay, Florida. Gulf Coast Association of Geological Sciences, Transactions 41: 60-71.

Carr, R.S.; Long, E.R.; Windom, H.L.; Chapman, D.C.; Thursby, G.; Sloane, G.M.; and D.A. Wolfe. 1996. Sediment quality assessment studies of Tampa Bay, Florida. Environ. Toxicol. Chem. 15(7): 1218-1231. July 1996.

Coastal Environmental, Inc. 1996. Statistical analysis of the Tampa Bay National Estuary Program 1993 benthic survey. Final report. TBEP# 11-95. 30 pp.

Coastal Environmental Services, Inc. 1992. Database of benthic sampling locations in Tampa Bay. TBEP #06-92.

Coastal Environmental Services, Inc. 1992. Database of benthic sampling locations in Tampa Bay. 24 pp.

Collard, S.B.; and C.N. D=Asaro. 1973. Benthic macroinvertebrates of the eastern Gulf of Mexico. Pp. III G-1 to III G-27. In: Jones, J.J.; Ring, R.E.; Rinkel, M.O.; and R.E. Smith, (eds.). A summary of knowledge of the eastern Gulf of Mexico. State University System of Florida, Institute of Oceanography, St. Petersburg.

- Courtney, C.M; Brown, R.; and D. Heimbruch. 1993. Environmental monitoring and assessment program estuaries, West Indian Faunal Province: Volume I. Introduction, methods and materials, and quality assurance. Field and laboratory manual for a synoptic survey of benthic macroinvertebrates of the Tampa Bay estuaries.
- Culter, J.K.; Milligan, M.R.; Leverone, J.R.; and S. Mahadevan. 1991. Comparison of benthic macrofauna among natural and planted, Spartina alterniflora (Graminae) and, Halodule wrightii (Potamogetonacea) from Tampa Bay. In: Treat, S.F.; Clark, P.A., (eds.). Proceedings, Tampa Bay Area Scientific Information Symposium 2. 1991 February 27 March 1; Tampa, Fla. Pp. Pp. 193-215.
- Dawes, C.J.; Moon, RE.; and M.A. Davis. 1978. The photosynthetic and respiratory rates and tolerances of benthic algae from a mangrove and salt marsh estuary; a comparative study. Estuarine Coastal Sci. 6: 175-185.
- Dix, T.L.; Karlen, D.J.; Grabe, S.A.; Goetting, B.K.; Holden, C.M.; and S.E. Markham. 2005. Spinonid polycheates as environmental indicators: An example from Tampa Bay, Florida. In: Bortone, S.A. (ed.). Estuarine Indicators. CRC Press, New York, New York. Pp. 277-296.
- Doyle, L.J.; Brooks, G.R.; Fanning, K.A.; Van Vleet, E.S.; Byrne, R.H.; and N.J. Blake. 1989. A characterization of Tampa Bay sediments. St. Petersburg, FL. Final report. SWFWMD, Brooksville, FL, USA.
- Fanning, K.A. 1992. Sediment nutrient release study. In: Brooks, G.R.; and L.J. Doyle. A characterization of Tampa Bay sediments, phase III. In: Final report to the SWFWMD. University of South Florida, St. Petersburg, FL.
- Goodell, H.G.; and D.S. Gorsline. 1961. A sedimentologic study of Tampa Bay, Florida. In: 21st International Geological Congress. Norden. 1960. Part XXIII. International Association of Sedimentology. Copenhagen, Denmark. Florida State University Oceanographic Institute, Tallahassee, FL. Pp. 75-88.
- Grabe, S.A.; Courtney, C.M.; Lin, Z.; and D. Alberdi. 1996. Environmental monitoring and assessment program estuaries West Indian Province 1993 sampling. Vol. II. Executive summary: a synoptic survey of the benthic macroinvertebrates and demersal fishes of the Tampa Bay estuarine system. TBEP# 95-12. 36 pp.
- Grabe, S.A.; Courtney, C.M.; Lin, Z.; and D. Alberdi. 1996. Environmental monitoring and assessment program estuaries West Indian Province 1993 sampling. Vol. III. Technical report: a synoptic survey of the benthic macroinvertebrates and demersal fishes of the Tampa Bay estuarine system. TBEP# 95-12. 183 pp.
- Grabe, S.A.; Courtney, C.M.; Lin, Z.; Alberdi, D.; Wilson, H.T., Jr.; and G. Blanchard. 1996. A synoptic survey of the benthic macroinvertebrates and demersal fishes of the Tampa Bay estuarine system. TBEP #12-95b, Tampa Bay National Estuary Program.

Prepared by Environmental Protection Commission of Hillsborough County, Coastal Environmental, Inc., and Manatee County Dept. of Environmental Management.

Grabe, S.A.; Courtney, C.M.; Lin, Z.; Alberdi, D.; Wilson, H.T., Jr.; and G. Blanchard. 1995. West Indian Province 1993 sampling, volume III. Executive summary: a synoptic survey of the benthic macroinvertebrates and demersal fishes of the Tampa Bay estuarine system. Prepared for TBEP. St. Petersburg, FL.

Grabe, S.A.; and D.J. Karlin. 1999. Technical report: benthic habitat status of the lower Hillsborough River (1995-1998). Hillsborough County Environmental Protection Commission. June 1999.

Grabe, S.A.; and D.J. Karlin. 1999. Technical report: benthic habitat status of the Little Manatee River estuary (1996-1998). Hillsborough County Environmental Protection Commission. June 1999.

Grabe, S.A.; and D.J. Karlin. 1999. Technical report: benthic habitat status of the lower Alafia River estuary (1995-1998). Hillsborough County Environmental Protection Commission. April 1999.

Grabe, S.A.; and D.J. Karlin. 1999. Technical report: benthic habitat status of the Palm River (1995-1998). Hillsborough County Environmental Protection Commission. March 1999.

Grabe, S.A.; and D.J. Karlin. 1996. Technical report: a synoptic survey of the benthic macroinvertebrates of the Boca Ciega estuarine system (Pinellas County, Florida) October, 1995. TBEP# 02-96. 34 pp.

Grabe, S.A., D.J. Karlin, C.M. Holden, B. Goetting, and T. Dix. 2002. Tampa Bay benthic monitoring program: Status of Hillsborough Bay: 1993 – 1998. TBEP# 11-02. 102 pp.

Grabe, S.A. 1999. Status of Tampa Bay sediments: contamination by organochlorine pesticides, polycyclic aromatic hydrocarbons, and polychlorinated biphenyls. 1993 & 1995-1996. Hillsborough County Environmental Protection Commission.

Grabe, S.A. 1997. Metal status of Tampa Bay sediments. 73 pp. Hillsborough County Environmental Protection Commission.

Janicki Environmental, Inc. 2002. Tampa Bay sediment quality targets physical parameter assessment. TBEP# 05-02.

Janicki, A., R. Pribble, and M. Winowitch. 2001. Examination of the spatial and temporal nature of hypoxia in Tampa Bay, Florida. TBEP Tech. Pub. #09-01. St. Petersburg, FL. Prepared by Janicki Environmental, Inc.

- Johansson, J.O.R.; and A.P. Squires. 1989. Surface sediments and their relationship to water quality in Hillsborough Bay, a highly impacted subdivision of Tampa Bay, Florida. In: Estevez, E.D., (ed.). NOAA Estuary-of-the-Month Seminar Series No. 11. Tampa and Sarasota Bay: issues, resources, status, and management. Proceedings of a seminar held Dec. 10, 1987. NOAA, Washington, D.C. Pp. 129-143.
- Karlen, D.L.; and S.A. Grabe. 1996. Technical report: a synoptic survey of the benthic macroinvertebrates of Terra Ceia Bay and the Manatee River, October 1993-1995. TBEP# 03-96. 28 pp. 1996.
- Leverone, J.R.; Culter, J.K.; Sprinkel, J.S.; Milligan, M.R.; and S. Mahadevan. 1991. Evaluation of long term studies of the benthic community in the vicinity of Big Bend Tampa Bay. In: Treat, S.F.; Clark, P.A., (eds.). Proceedings, Tampa Bay Area Scientific Information Symposium 2. 1991 February 27 March 1; Tampa, Fla. Pp. 219-235.
- Levesque, V.A.; and D.H. Schoellhamer. 1995. Summary of sediment resuspension monitoring activities, Old Tampa Bay and Hillsborough Bay, Florida, 1988-1991. USGS WRIR 94-4081. Tallahassee, FL.
- Lohse, E.A.; Scott, A.J.; and C. Groat. 1969. Tampa Bay estuarine system: A case study. In: Gulf Universities, Research Corporation. Case studies of estuarine sedimentation and its relation to pollution of the marine environment: A report to the FWPCA. FWPCA contract No. 14-12-445.
- Long, E.R.; MacDonald, D.M.; and C. Cairneross. 1991. Status and trends in toxicants and the potential for their biological effects in Tampa Bay, Florida. NOAA Technical Memorandum NOS ORCA 58. National Oceanic and Atmospheric Administration. Silver Spring, MD.
- Long, E.R.; Wolfe, D.A.; Carr, R.S.; Scott, K.J.; Thursby, G.B.; Windom, H.L.; Lee, R.; Calder, F.D.; Sloane, G.M.; and T. Seal. 1994. Magnitude and extent of sediment toxicity in Tampa Bay, Florida. NOAA Technical Memorandum NOS ORCA 78. National Oceanic and Atmospheric Administration. Silver Spring, MD.
- Long, E.R.; Carr, R.S.; Thursby, G.A.; D.A. Wolfe. 1995. Sediment toxicity in Tampa Bay: incidence, severity, and spatial extent. Fla. Sci. 58: 163-178.
- Long, E.R.; and G.M. Sloane. 2005. Development and use of assessment techniques for coastal sediments. In: Bortone, S.A., (ed.). Estuarine Indicators. CRC Press, New York, New York. Pp. 63-78.
- Long, E.R.; Wolfe, D.A.; Carr, R.S.; Scott, K.J.; Thirsby, G.B.; Windom, H.L.; Lee, R.; Calder, F.D.; Sloane, G.M.; and T.L. Seal. 1994. Magnitude and extent of sediment toxicity in Tampa Bay, Florida. NOAA Technical Memorandum NOS ORCA 78. NOAA, Silver Spring, MD, USA.

MacDonald, D.D. 1995. Science advisory group on sediment assessment in Tampa Bay: summary report. TBEP# 06-95. St. Petersburg, FL. Prepared by MacDonald Environmental Services, Ltd. Ladysmith, British Columbia, Canada.

MacDonald, D.D.; Carr, R.S.; Calder, F.D.; Long, E.R.; and C.G. Ingersoll. 1996. Development and evaluation of sediment quality guidelines for Florida coastal waters. Ecotoxicology 5:253-278.

MacDonald, D.D. 2002. An ecosystem-based framework for assessing and managing sediment quality conditions in Tampa Bay, Florida. TBEP# 10-02.

Mahadevan, S.; and J.K. Culter. 1983. A baseline survey of benthic communities at Big Bend, Tampa Bay (Florida). Annual report #2, covering the period: August 1982 through July 1983. Submitted to Tampa Electric Company by Mote Marine Laboratory.

Mahadevan, S.; and J.K. Culter. 1978. A continued study on the benthic infauna of Big Bend, Tampa Bay (Florida). A report to the Tampa Electric Company by Conservation Consultants, Inc., 91 pp.

Mahadevan, S.; Culter, J.K.; and D. Heatwole. 1982. A baseline survey of benthic communities at Big Bend, Tampa Bay (Florida). Annual report #1, covering the period: August, 1981 through July, 1982. Submitted to Tampa Electric Company by Mote Marine Laboratory.

Mahadevan, S.; Culter, J.K.; and R. Yarbrough. 1980. A study of thermal effects on benthic communities of Big Bend, Tampa Bay (Florida). A technical report submitted to Stone & Webster Engineering Corp., 245 Summer St., Boston, Ma., 02107. Submitted by Mote Marine Laboratory, 1600 City Island Park, Sarasota, Fl., 33577. 154 pp. July 15, 1980.

Mahadevan, S. 1980. A study on the effects of power plant thermal discharges on benthic infaunal communities at Big Bend, Tampa Bay (Florida). Fl. Sci. 43:7.

Mahadevan, S., (ed.) 1980. 1979 aquatic ecology program, Big Bend power station, Tampa, Florida. Final report to Stone and Webster Engineering Corporation, June 24, 1980. (project to assess entrainment impact on Big Bend populations of aquatic organisms).

Mahadevan, S.; and J.D. Murdoch. 1977. A study on the recovery of benthic infauna at Apollo Beach embayment following a silt-spill and subsequent dredging. Final report submitted to Tampa Electric Company, June, 1977, by Conservation Consultants, Inc. 30 pp.

Mahadevan, S.; Murdoch, J.J.B.; Reeves, F.S.; Culter, J.K.; Lotspeich, R.A.; and J.D. Murdoch. 1977. A study on the effects of thermal discharges on benthic infaunal community structure at Big Bend, Tampa Bay (Florida). In: Ecological studies at Big

Bend Steam Electric Station (Tampa Electric Company): an analysis and summary of studies on the effects of the cooling water system on aquatic fauna, (eds.) R.D. Garrity, W.J. Tiffany, and S. Mahadevan, Vol. 2, pp. 4-i to 4-415. Conservation Consultants, Inc., Palmetto, Florida.

McCain, B.B.; Brown, D.W.; Hom, T.; Myers, M.S.; Pierce, S.M.; Collier, T.K.; Stein, J.E.; Chan, S-L.; and U. Varanasi. 1996. Chemical contaminant exposure effects in four fish species of Tampa Bay, Florida. Estuaries 19(1): 86-104.

McConnell, R.; DeMott, R.; and J. Schulten. 1996. Toxic contamination sources assessment: Risk assessment for chemicals of potential concern and methods for identification of specific sources. TBEP# 09-96. Prepared for Parsons Envineering Science, Inc. for the Tampa Bay National Estuary Program. St. Petersburg, FL.

Mote Marine Lab. Culter, J.K. 1995. Benthic infauna of Tampa Bay. Final report. TBEP #02-95. 100 pp.

Mote Marine Laboratory. 1985. Baseline benthic infaunal studies at Big Bend, Tampa Bay (1981-1984). A technical report submitted to Tampa Electric Company by Mote Marine Laboratory.

National Oceanic and Atmospheric Administration. 1994. Magnitude and extent of sediment toxicity in Tampa Bay, Florida. NOAA Technical Report NOS ORCA 78. Silver Spring, MD.

Nearhoof, F.L.; and K.W. Pearce. 1991. Water column dissolved oxygen, sediment oxygen demand, and sediment organic content near a wastewater treatment plant outfall in Terra Ceia Bay, Florida. 1991. In: Treat, S.F.; Clark, P.A., (eds.). Proceedings, Tampa Bay Area Scientific Information Symposium 2. 1991 February 27 - March 1; Tampa, Fla. Pp. 415-428.

Pyle, T.E.; Blake, N.J.; Doyle, L.J.; Seagle, J.; and J. Feigl. 1972. The benthic invertebrate community adjacent to Weedon Island, Tampa Bay, Florida. Progress Report April-September 1972; Environmental Status Report (July-September 1972). Florida Power Corporation, St. Petersburg, Florida.

Santos, S.; and S.A. Bloom. 1983. Evaluation of succession in an estuarine macrobenthic soft-bottom community near Tampa, Florida. Int. Rev. ges. Hydrobiol. 68: 617-622.

Santos, S.L.; and J.L. Simon. 1974. Distribution and abundance of the polychaetous annelids in a south Florida estuary. Bulletin of Marine Science 24: 669-689.

Schoellhamer, D.H. 1991. Size classification of bed sediments and selection of resuspension monitoring sites in upper Tampa Bay, Florida. USGS WRIR 91-4070.

Schoellhamer, D.H. 1993. Resuspension of bottom sediments, sedimentation, and tributary storm discharge at Bayboro Harbor and the Port of St. Petersburg, Florida. U.S. Geological Survey Water-Resources Investigation Report 92-4127, Tallahassee, Florida. 28 pp.

Schoellhamer, D.H. 1995. Sediment resuspension mechanisms in Old Tampa Bay, Florida. Estuarine Coastal Shelf Sci. 40: 603-620.

Schoellhamer, D.H. 1996. Anthropogenic sediment resuspension mechanisms in a shallow microtidal estuary. Estuarine, Coastal and Shelf Science 43: 533-548.

Schoellhamer, D.H. 1991. Tributary storm runoff and vessel-generated sediment resuspension at the Port of St. Petersburg, Florida. In: Treat, S.F.; Clark, P.A., (eds.). Proceedings, Tampa Bay Area Scientific Information Symposium 2. 1991 February 27 - March 1; Tampa, Fla. Pp. 429-437.

Schoellhamer, D.H. 1990. Observations of sediment resuspension in Old Tampa Bay, Florida. In: Proceedings of the National Conference on Hydraulic Engineering. San Diego, California. Pp. 51-56.

Simon, J.L.; and D.M Dauer. 1972. A quantitative evaluation of red-tide induced mass mortalities of benthic invertebrates in Tampa Bay, Florida. Environ. Letters 3: 229-234.

Simon, J.L.; and D.M Dauer. 1972. A quantitative evaluation of red-tide induced mass mortalities of benthic invertebrates in Tampa Bay, Florida. Quart. J. Florida Acad. Sci. 35(Suppl. 1): 12 (abstract).

Simon, J.L.; and S.K. Mahadevan. 1985. Benthic macroinvertebrates of Tampa Bay (abstract). In: Treat, S.F.; Simon, J.L.; Lewis, R.R., III; and R.L. Whitman, Jr., (eds.) Proceedings, Tampa Bay Area Scientific Information Symposium. May 1982. Tampa, FL. P. 384.

United States Environmental Protection Agency. 1983. Sediment oxygen demand and nutrient exchange rate, Hillsborough Bay, Florida, February, 1983. USEPA Environmental Services Division, Athens, GA.

Tampa Electric Company. 1997. Plan of study for benthic monitoring in the vicinity of Big Bend Power Plant, Tampa Bay. Revised August 27, 1999. Prepared by Tampa Electric Company. Submitted to the Florida Department of Environmental Protection.

Taylor, J.L. 1972. Some effects of oyster shell dredging on benthic macroinvertebrates in Tampa Bay, Fla. Taylor Biol. Co. St. Petersburg Beach. FL. 16 pp.

Taylor, J.L. 1971. Polychaetous annelids and benthic environments in Tampa Bay, Florida. Ph.D. Thesis. Univ. Florida, Gainesville, FL. 1332 pp.

Gulf of Mexico Integrated Science Tampa Bay Study

Zarbock, H.W.; Janicki, A.J.; Logan, D.T.; and D.D. MacDonald. 1996. An assessment of sediment contamination in Tampa Bay, Florida using the sediment quality triad approach. Tech. Pub. #04-96, Tampa Bay National Estuary Program.

Zarbock, H.; Schulten, J.; Long, E.; and D. MacDonald. 1997. Sediment contamination in Tampa Bay: Sources, risks and management. In: Treat, S., (ed.) Proceedings, Tampa Bay Area Scientific Information Symposium 3. 1996 Oct. 21 - 23; Clearwater, Fla. Pp. 281-293.