

7. References

The references below have been checked for accuracy as part of the preparation of the report and all URLs contained within them were live as of July 15th, 2015. Each reference that is available online has also been added to the SJR Digital Archive (SJRDA) available at <https://sjrda.unf.edu> to ensure that the materials are permanently available. Those entries with a URL starting with <http://sjrda.unf.edu/items/view> have already disappeared from their original links and are thus only available online in the SJRDA. References where the URL starts with <http://sjrda.unf.edu/items/forward> are still available online, however due to problems with some URLs in PDF files, they do not link correctly when converted to PDF, so the forwarding function at the SJRDA site is used avoid this problem. Please report any issues to [Stuart Chalk](#).

Abbott G, Landsberg JH, Reich AR, Steidinger KA, Ketchen S, Blackmore C. 2009. Resource Guide for Public Health Response to Harmful Algal Blooms in Florida. Tallahassee (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://research.myfwc.com/publications/publication_info.asp?id=58596 Accessed July 15, 2015.

Ackerman BB. 1995. O'Shea T J, Ackerman B B, Percival H F e. Population Biology of the Florida Manatee (*Trichechus manatus latirostris*). Washington (DC): National Biological Service (NBS). Aerial Surveys of Manatees: A Summary and Progress Report. p 13-33. <https://www.fort.usgs.gov/sites/default/files/products/publications/2364/2364.pdf> Accessed July 15, 2015.

Adams DH, McMichael Jr RH. 2001. Mercury Levels in Marine and Estuarine Fishes of Florida. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://f50006a.eos-intl.net/ELIBSQL12_F50006A_Documents/Technical_Report_TR-6_R.pdf Accessed July 15, 2015.

Adams DH, McMichael Jr RH. 2007. Mercury in King Mackerel, *Scomberomorus cavalla*, and Spanish Mackerel, *S. maculatus*, From Waters of the South-eastern USA: Regional and Historical Trends. Marine and Freshwater Research; 58(2):187-193. <http://dx.doi.org/10.1071/MF06096> Accessed July 15, 2015.

Adams DH, McMichael Jr RH, Henderson GE. 2003. Mercury Levels in Marine and Estuarine Fishes of Florida 1989-2001. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://f50006a.eos-intl.net/ELIBSQL12_F50006A_Documents/Technical_Report_TR-9_R.pdf Accessed July 15, 2015.

Adamus C, Clapp D, Brown S. 1997. Surface Water Drainage Basin Boundaries of the St. Johns River Water Management District: A Reference Guide. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/technicalreports/pdfs/TP/SJ97-1.pdf> Accessed July 15, 2015.

AEF. 2016. More About Bald Eagles. Pigeon Forge (TN): The American Eagle Foundation (AEF). <http://www.eagles.org/programs/eagle-facts/more-about-bald-eagles.php> Accessed April 1, 2016.

AEF. 2017. More About Bald Eagles. Pigeon Forge (TN): The American Eagle Foundation (AEF). <http://www.eagles.org/programs/eagle-facts/more-about-bald-eagles.php> Accessed March 10, 2017.

Alexander CR, Smith RG, Calder FD, Schropp SJ, Windom HL. 1993. The Historical Record of Metal Enrichment in Two Florida Estuaries. Estuaries and Coasts; 16(3B):627-637. <http://dx.doi.org/10.2307/1352800> Accessed July 15, 2015.

Alsop DH, Wood CM. 2000. Kinetic Analysis of Zinc Accumulation in the Gills of Juvenile Rainbow Trout: Effects of Zinc Acclimation and Implications for Biotic Ligand Modeling. Environmental Toxicology and Chemistry; 19(1911-1918). <http://dx.doi.org/10.1002/etc.5620190728> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- Anderson K, Whitlock J, Harwood V. 2005. Persistence and differential survival of fecal indicator bacteria in subtropical waters and sediments. *Applied and Environmental Microbiology*; 71(6):3041-3048. <http://aem.asm.org/content/71/6/3041.full> Accessed June 14, 2016.
- Anderson W, Goolsby DA. 1973. Flow and Chemical Characteristics of the St. Johns River at Jacksonville, Florida. Tallahassee (FL): U.S. Geological Survey (USGS). http://www.aquaticcommons.org/1212/1/anderson_flow.pdf Accessed July 15, 2015.
- Armingeon N. 2008. St. Johns Riverkeeper. *Personal Communication* to Welsh P.
- Ashley KH. 2010. Mocama Archaeology. Jacksonville (FL): University of North Florida Archaeology Laboratory. <http://www.unf.edu/~kashley/Mocama.html> Accessed July 15, 2015.
- ATSDR. 1995. Toxicological Profile for Polycyclic Aromatic Hydrocarbons. Atlanta (GA): Center for Disease Control (CDC), Agency for Toxic Substances and Disease Registry. <http://www.atsdr.cdc.gov/toxprofiles/tp69.pdf> Accessed July 15, 2015.
- ATSDR. 1999. Toxicological Profile for Mercury. Atlanta (GA): Center for Disease Control (CDC), Agency for Toxic Substances and Disease Registry. <http://www.atsdr.cdc.gov/toxprofiles/tp46.pdf> Accessed July 15, 2015.
- ATSDR. 2000. Toxicological Profile for Polychlorinated Biphenyls (PCBs). Atlanta (GA): Center for Disease Control (CDC), Agency for Toxic Substances and Disease Registry. <http://www.atsdr.cdc.gov/ToxProfiles/tp17.pdf> Accessed July 15, 2015.
- Audubon. 2010. The 109th Christmas Bird Count. New York (NY): National Audubon Society. <http://www.audubon.org/conservation/science/christmas-bird-count> Accessed July 15, 2015.
- Audubon. 2014a. Christmas Bird Count Data. Washington (DC): National Audubon Society. <http://netapp.audubon.org/CBCObservation/Historical/ResultsByCount.aspx> Accessed July 15, 2015.
- Audubon. 2014b. Florida Scrub-Jay (*Aphelocoma coerulescens*). New York (NY): National Audubon Society. <http://www.audubon.org/field-guide/bird/florida-scrub-jay> Accessed July 15, 2015.
- Audubon. 2014c. Florida Scrub-Jay (*Aphelocoma coerulescens*): Florida. Washington (DC): National Audubon Society. <https://sjrda.unf.edu/items/forward/sjrda:46> Accessed July 1, 2008.
- Audubon. 2016. The 115th Christmas Bird count. New York (NY): National Audubon Society. <http://www.christmasbirdcount.org/> Accessed March 14, 2016.
- Audubon. 2017. The 116th Christmas Bird Count. New York (NY): National Audubon Society. <http://www.audubon.org/conservation/science/christmas-bird-count/> Accessed March 10, 2017.
- Avila LA. 1999. Preliminary Report Hurricane Irene 13-19 October 1999. Miami (FL): National Oceanic and Atmospheric Administration (NOAA), National Hurricane Center (NHC). http://www.srh.noaa.gov/mfl/?n=1999_irene Accessed July 15, 2015.
- Axelrad D. 2010. Environmental Administrator. *Personal Communication* to Sonnenberg L.
- Bacopoulos P, Funakoshi Y, Hagen SC, Cox AT, Cardone VJ. 2009. The Role of Meteorological Forcing on the St. Johns River (Northeastern Florida). *Journal of Hydrology*; 369(1-2):55-70. <http://dx.doi.org/10.1016/j.jhydrol.2009.02.027> Accessed July 15, 2015.

- Bacopoulos P, Hagen SC, Cox AT, Dally WR, Bratos SM. 2012. Observation and Simulation of Winds and Hydrodynamics in St. Johns and Nassau Rivers. *Journal of Hydrology*; 420-421(1):391-402. <http://dx.doi.org/10.1016/j.jhydrol.2011.12.032> Accessed July 15, 2015.
- Bacopoulos P, Kubatko EJ, Hagen SC, Mulamba T. 2017. Modeling and Data Assessment of Longitudinal Salinity in a Low-Gradient Estuarine River. *Environmental Fluid Mechanics*; 17(3):323-353. <https://link.springer.com/article/10.1007/s10652-016-9486-8> Accessed March 10, 2017.
- Baird C. 1995. *Environmental Chemistry*. 2nd edition. New York (NY): W.H. Freeman and Company. p 528 ISBN: 978-0716731535. <http://www.amazon.com/dp/0716731533> Accessed July 15, 2015.
- Baker P, Zimmanck F, Baker SM. 2010. Feeding Rates of an Introduced Freshwater Gastropod *Pomacea insularum* on Native and Nonindigenous Aquatic Plants in Florida. *Journal of Molluscan Studies*; 76(2):138-143. <http://dx.doi.org/10.1093/mollus/eyp050> Accessed July 15, 2015.
- Banks L. 2015. *Personal Communication* to Goldberg N.
- Barron MG, Carls MG, Heintz R, Rice SD. 2004. Evaluation of Fish Early Life-stage Toxicity Models of Chronic Embryonic Exposures to Complex Polycyclic Aromatic Hydrocarbon Mixtures. *Toxicological Sciences*; 78(1):60-67. <http://dx.doi.org/10.1093/toxsci/kfh051> Accessed July 15, 2015.
- Barron MG, Hansen JA, Lipton J. 2002. Ware G W e. *Organisms Reviews of Environmental Contamination and Toxicology*. Volume 173. Springer-Verlag. ISBN: 978-0387953397 Association Between Contaminant Tissue Residues and Effects in Aquatic p1-37. <http://www.springer.com/us/book/9780387953397> Accessed July 15, 2015.
- Barros NB, Wells RS. 1998. Prey and feeding patterns of resident bottlenose dolphins (*Tursiops truncatus*) in Sarasota Bay, Florida. *J. Mammal*; 79:1045-1059. Accessed May 2, 2017.
- Bartram W. 1928. *Travels of William Bartram*. Van Doren M, editor. New York (NY): Dover Publications. p 414 ISBN: 978-0486200132. <http://store.doverpublications.com/0486200132.html> Accessed July 15, 2015.
- Bartram W. 1998. *The Travels of William Bartram - Naturalist Edition*, Edited with Commentary and an Annotated Index by Francis Harper. Athens (GA): University of Georgia Press. p 824 ISBN: 978-0820320274. http://www.ugapress.org/index.php/books/travels_of_william_bartram/ Accessed July 15, 2015.
- Baskaran S, Kookana RS, Naidu R. 1999. Degradation of Bifenthrin, Chlorpyrifos and Imidacloprid in Soil and Bedding Materials at Termiticidal Application Rates. *Pesticide Science*; 55(12):1222-1228. <http://onlinelibrary.wiley.com/resolve/openurl?genre=article&title=Pesticide%20Science&date=1999&volume=55&issue=12&spage=1222> Accessed July 15, 2015.
- Batzer DP, Wissinger SA. 1996. Ecology of Insect Communities in Nontidal Wetlands. *Annual Review of Entomology*; 41(1):75-100. <http://dx.doi.org/10.1146/annurev.en.41.010196.000451> Accessed July 15, 2015.
- Baussant T, Sanni S, Jonsson G, Skadsheim A, Børseth JF. 2001a. Bioaccumulation of Polycyclic Aromatic Compounds: 1. Bioconcentration in Two Marine Species and in Semipermeable Membrane Devices During Chronic Exposure to Dispersed Crude Oil. *Environmental Toxicology and Chemistry*; 20(6):1175-1184. <http://dx.doi.org/10.1002/etc.5620200606> Accessed July 15, 2015.
- Baussant T, Sanni S, Skadsheim A, Jonsson G, Børseth JF, Gaudebert B. 2001b. Bioaccumulation of Polycyclic Aromatic Compounds: 2. Modeling Bioaccumulation in Marine Organisms Chronically Exposed to Dispersed Oil. *Environmental Toxicology and Chemistry*; 20(6):1185-1195. <http://dx.doi.org/10.1002/etc.5620200607> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- BCNRM. 2016. An Ecological Overview of Scrub Habitat and Florida Scrub-jays in Brevard County. Viera (FL): Brevard County Natural Resources Management (BCNRM). <http://www.brevardcounty.us/NaturalResources/EnvironmentalResources/Animals> Accessed April 1, 2016.
- Bear-Hull D. 2017. Curator of Birds. *Personal Communication* to Pinto G.
- Beck CA. 2016. Wildlife Biologist, Sirenia Project. *Personal Communication* to Pinto G.
- Beck CA, Reid JP. 1998. O'Shea T J, Ackerman B B, Percival H F e. Population Biology of the Florida Manatee (*Trichechus manatus latirostris*). Washington (DC): National Biological Service (NBS). An Automated Photo-Identification Catalog for Studies of the Life History of the Florida Manatee. p 120-134. http://gcmd.nasa.gov/records/GCMD_usgsbrdfcscsirenia.html Accessed July 15, 2015.
- Bengtson JL. 1981. Ecology of Manatees (*Trichechus manatus*) in the St. Johns River, Florida. St. Paul (MN): University of Minnesota. http://prime2.oit.umn.edu/primo_library/libweb/action/dlDisplay.do?vid=TWINCITIES&docId=UMN_ALMA21376681770001701 Accessed July 15, 2015.
- Benke AC, Cushing CE. 2005. Rivers of North America. Burlington (MA): Elsevier/Academic Press. p 1168 ISBN: 978-0080454184. <http://store.elsevier.com/product.jsp?isbn=9780080454184> Accessed July 15, 2015.
- Bergeron JM, Crews D, McLachlan JA. 1994. PCBs as Environmental Estrogens: Turtle Sex Determination as a Biomarker of Environmental Contamination. *Environmental Health Perspectives*; 102(9):780-781. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1567153/> Accessed July 15, 2015.
- Bergman MJ. 1992. Volume 2 of the Lower St. Johns River Basin Reconnaissance: Surface Water Hydrology. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/technicalreports/pdfs/TP/SJ92-1.pdf> Accessed July 15, 2015.
- Bernardes S, He J, Bacchus ST, Madden M, Jordan T. 2014. Mitigation Banks and Other Conservation Lands at Risk from Preferential Groundwater Flow and Hydroperiod Alterations by Existing and Proposed Northeast Florida Mines. *Journal of Sustainable Development*; 7(4):225-261. <http://dx.doi.org/10.5539/jsd.v7n4p225> Accessed July 15, 2015.
- Best RC. 1981. Food and Feeding Habits of Wild and Captive Sirenia. *Mammal Review*; 11(1):3-29. <http://dx.doi.org/10.1111/j.1365-2907.1981.tb00243.x> Accessed July 15, 2015.
- Bielmyer GK, Brix KV, Capo TR, Grosell M. 2005a. The Effects of Metals on Embryo-larval and Adult Life Stages of the Sea Urchin, *Diadema antillarum*. *Aquatic Toxicology*; 74(3):254-263. <http://dx.doi.org/10.1016/j.aquatox.2005.05.016> Accessed July 15, 2015.
- Bielmyer GK, Bullington JB, DeCarlo CA, Chalk SJ, Smith K. 2012a. The Effects of Salinity on Acute Toxicity of Zinc to Two Euryhaline Species of Fish, *Fundulus heteroclitus* and *Kryptolebias marmoratus*. *Integrative and Comparative Biology*; 52(6):753-760. <http://dx.doi.org/10.1093/icb/ics045> Accessed July 15, 2015.
- Bielmyer GK, DeCarlo CA, Morris C, Carrigan T. 2013. The Influence of Salinity on Acute Nickel Toxicity to the Two Euryhaline Fish Species, *Fundulus heteroclitus* and *Kryptolebias marmoratus*. *Environmental Toxicology and Chemistry*; 32(6):1354-1359. <http://dx.doi.org/10.1002/etc.2185> Accessed July 15, 2015.
- Bielmyer GK, Gatlin D, Isely JJ, Tomasso JR, Klaine SJ. 2005b. Responses of Hybrid Striped Bass to Waterborne and Dietary Copper in Freshwater and Saltwater. *Comparative Biochemistry and Physiology - Part C: Toxicology & Pharmacology*; 140(1):131-137. <http://dx.doi.org/10.1016/j.cca.2005.01.014> Accessed July 15, 2015.

- Bielmyer GK, Grosell M. 2011. Bury N, Handy R e. Surface Chemistry, Bioavailability and Metal Homeostasis in Aquatic Organisms: An Integrated Approach. Volume 2. London (England): Kings College. ISBN: 978-1907491023 Emerging Issues in Marine Metal Toxicity p129-158. http://www.sebiology.org/publications/Book_Series.html Accessed July 15, 2015.
- Bielmyer GK, Grosell M, Brix K. 2006a. Toxicity of Silver, Zinc, Copper, and Nickel to the Copepod *acartia tonsa* Exposed via a Phytoplankton Diet. Environmental Science and Technology; 40(6):2063-2068. <http://dx.doi.org/10.1021/es051589a> Accessed July 15, 2015.
- Bielmyer GK, Grosell M, Paquin PR, Mathews R, Wu KB, Santore RC, Brix KV. 2007. Validation Study of the Acute Biotic Ligand Model for Silver. Environmental Toxicology and Chemistry; 26(10):2241-2246. <http://dx.doi.org/10.1897/06-634R.1> Accessed July 15, 2015.
- Bielmyer GK, Jarvis TA, Harper BT, Butler B, Rice L, Ryan S, McLoughlin P. 2012b. Metal Accumulation From Dietary Exposure in the Sea Urchin, *Strongylocentrotus droebachiensis*. Archives of Environmental Contamination and Toxicology; 63(1):86-94. <http://dx.doi.org/10.1007/s00244-012-9755-6> Accessed July 15, 2015.
- Bielmyer GK, Tomasso JR, Klaine SJ. 2006b. Physiological Responses of Hybrid Striped Bass to Aqueous Copper in Freshwater and Saltwater. Archives of Environmental Contamination and Toxicology; 50(4):531-538. <http://dx.doi.org/10.1007/s00244-005-0131-7> Accessed July 15, 2015.
- Bielmyer-Fraser GK, Waters MN, Duckworth CG, Patel P, Webster B, Blocker A, Crummey CH, Duncan A, Nwokike S, Picariello C, Ragan JT, Schumacher EL, Tucker R, Tuttle E, Wiggins C. 2017. Assessment of metal contamination in the biota of four rivers experiencing varying degrees of human Impact. Environmental Monitoring and Assessment; 189(23-<https://link.springer.com/article/10.1007/s10661-016-5738-9> Accessed March 10, 2017.
- BirdLife. 2008. Species Factsheet: Piping Plover (*Charadrius melodus*). Cambridge (England): BirdLife International. <http://www.birdlife.org/datazone/speciesfactsheet.php?id=3127> Accessed July 15, 2015.
- Blake NM. 1980. Land Into Water – Water Into Land: A History of Water Management in Florida. Tallahassee (FL): University Press of Florida. p 344 ISBN: 978-0813006420. <http://florida.theorange.org/og/items/626e4cf0-0156-898a-745c-76b32eeab65e/1/> Accessed July 15, 2015.
- Boothman WS, Hansen DJ, Berry WJ, Robson DL, Helmstetter A, Corbin JM, Pratt SD. 2001. Biological Response to Variation of Acid-Volatile Sulfides and Metals in Field-exposed Spiked Sediments. Environmental Toxicology and Chemistry; 20(2):264-272. <http://dx.doi.org/10.1002/etc.5620200206> Accessed July 15, 2015.
- Borgert CJ, Gross TS, Guiney PD, Osimitz TG, Price B, Wells C. 2004. Interactive Effects of p,p'-Dichlorodiphenyldichloroethylene and Methoxychlor on Hormone Synthesis in Largemouth Bass Ovarian Cultures. Environmental Toxicology and Chemistry; 23(8):1947-1956. <http://dx.doi.org/10.1897/03-424> Accessed July 15, 2015.
- Borkowski R, Landsberg JH. 2012. Bottlenose Dolphins of the St. Johns River, FL: Stranding Data, Freshwater Overexposure Cases, Unusual Mortality Event 2010. Conference Proceedings of the International Association for Aquatic Animal Medicine. Atlanta (GA). <http://www.vin.com/apputil/content/defaultadv1.aspx?pId=11354&meta=Generic&catId=34820&id=5377966> Accessed May 2, 2017.
- Borkowski R, Maitland E, Larsen J, Sowa S. 2015. Occurrences of bottlenose dolphins in oligohaline and mesohaline waters of the St. Johns River, FL. Abstract - Southeastern Estuarine Research Society Semi-Annual Meeting. Jacksonville (FL): Jacksonville University (JU). http://media.seers.org/uploads/archives/2015_Spring/2015_Spring_SEERS_Program.pdf Accessed May 7, 2017.
- Boström B, Anderson JM, Fleischer S, Jansson M. 1988. Exchange of Phosphorus Across the Sediment-water Interface. Hydrobiologia; 170(1):229-244. <http://dx.doi.org/10.1007/BF00024907> Accessed July 15, 2015.

- Boström B, Jansson M, Forsberg C. 1982. Bernhard H e. Nutrient Remobilization from Sediments and its Limnological Effects. Volume 18. Stuttgart (Germany): E. Schweizerbart'sche Verlagsbuchhandlung. ISBN: 978-3510470167 Phosphorus Release from Lake Sediments. p 5-59. <http://www.schweizerbart.de/publications/detail/isbn/3510470168> Accessed July 15, 2015.
- Boudreaux ML, Walters LJ. 2006. *Mytella Charruana* (Bivalvia: Mytilidae): A New, Invasive Bivalve in Mosquito Lagoon, Florida. The Nautilus; 120(1):34-36. http://www.shellmuseum.org/nautilus/nautilus_contents_120.html Accessed July 15, 2015.
- Boustany RG, Michot TC, Moss RF. 2003. Environmental Factors Affecting the Distribution and Health of Submersed Aquatic Plants in the Lower St. Johns River: Phase V - Final Report: Effect of Nutrients and Salinity Pulse on Biomass and Growth on *Vallisneria americana* in Lower St. Johns River, FL, USA. Palatka (FL): St. Johns River Water Management District (SJRWMD). Accessed NA.
- Bowman RD. 2009. Professor of Chemistry (retired). *Personal Communication* to McCarthy H.
- Bradbury SP, Coats JR. 1989. Toxicokinetics and Toxicodynamics of Pyrethroids Insecticides in Fish. Environmental Toxicology and Chemistry; 8(5):373-380. <http://dx.doi.org/10.1002/etc.5620080503> Accessed July 15, 2015.
- Brenner M, Schelske CL, Keenan LW. 2001. Historical Rates of Sediment and Nutrient Accumulation in Marshes of the Upper St. Johns River Basin, Florida, USA. Journal of Paleolimnology; 26(3):241-257. <http://dx.doi.org/10.1023/A:1017578330641> Accessed July 15, 2015.
- Brodie R. 2008. Biologist. *Personal Communication* to McCarthy H.
- Brodie R. 2009. Biologist. *Personal Communication* to McCarthy D.
- Brodie R. 2016. Biologist. *Personal Communication* to Pinto G.
- Brody RW. 1994. Volume 6 of the Lower St. Johns River Basin Reconnaissance: Biological Resources. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/technicalreports/pdfs/TP/SJ94-2.pdf> Accessed July 15, 2015.
- Brody SD, Zahran S, Highfield WE, Grover H, Vedlitz A. 2008. Identifying the Impact of the Built Environment on Flood Damage in Texas. Disaster; 32(1):1-18. <http://dx.doi.org/10.1111/j.1467-7717.2007.01024.x> Accessed July 15, 2015.
- Brody SD, Zahran S, Maghelal P, Grover H, Highfield WE. 2007. The Rising Costs of Floods: Examining the Impact of Planning and Development Decisions on Property Damage in Florida. Journal of the American Planning Association; 73(3):330-345. <http://dx.doi.org/10.1080/01944360708977981> Accessed July 15, 2015.
- Broman D, Näuf C, Lundbergh I, Zebühr Y. 1990. An In Situ Study on the Distribution, Biotransformation and Flux of Polycyclic Aromatic Hydrocarbons (PAHs) in an Aquatic Food Chain (Seston-*Mytilus edulis* L.-*Somateria mollissima* L.) from the Baltic: An Ecotoxicological Perspective. Environmental Toxicology and Chemistry; 9(4):429-442. <http://dx.doi.org/10.1002/etc.5620090404> Accessed July 15, 2015.
- Brooks B. 2017. Wildlife Biologist. *Personal Communication* to Pinto G.
- Brooks WB, Dean TF. 2008. Measuring the Breeding Status of the Southeast U.S. Population of Wood Storks. Waterbirds; 31(SP1):50-59. <https://sjrda.unf.edu/items/forward/sjrda:65> Accessed July 15, 2015.
- Brown A, Shi P. 2014. Valuing the Economic Benefits of Florida's Conservation Lands. Durham (NC): Duke University, Nicholas School of the Environment. <http://hdl.handle.net/10161/8571> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- Brown AO, Gibson QA, Casamatta D. 2017. Determining Microcystin presence in stranded *Tursiops truncatus* in Northeast Florida. Society for Marine Mammalogy Annual Conference. Nova Scotia, Canada. <https://www.marinemammalscience.org/conference/> Accessed May 9, 2017.
- Bruland KW. 1980. Oceanographic Distributions of Cadmium, Zinc, Nickel and Copper in the North Pacific. Earth and Planetary Science Letters; 47(2):176-198. <http://www.sciencedirect.com/science/article/pii/0012821X80900357> Accessed July 15, 2015.
- Bruland KW. 1983. Riley J P, Chester R e. Chemical Oceanography. Volume 8. New York (NY): Academic Press. ISBN: 978-0125886086 Trace Elements in Seawater. p 157-220. <http://www.amazon.com/dp/012588608X> Accessed July 15, 2015.
- Bryan GW. 1976. Lockwood A P M e. Effects of Pollutants on Aquatic Organisms. Cambridge (England): University Press. ISBN: 0521211034 Some Aspects of Heavy Metal Tolerance in Aquatic Organisms. p 7-34. <http://www.amazon.com/dp/0521211034> Accessed July 15, 2015.
- Bryan GW, Hummerstone LG. 1971. Adaptations of the Polychaete *Nereis diversicolor* to Estuarine Sediments Containing High Concentrations of Heavy Metals. I. General Observations and Adaptations to Copper. Journal of the Marine Biological Association U.K.; 51(4):845-863. <http://dx.doi.org/10.1017/S0025315400018014> Accessed July 15, 2015.
- Bubel A. 2015. TMDL Report: Nutrient TMDL for Crescent Lake (WBID 2606B). Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://dep.state.fl.us/water/tmdl/docs/tmdls/draft/gp2/CrescentLake-Nutr-TMDL.pdf> Accessed July 15, 2015.
- Buker GE. 1992. Jacksonville: Riverport - Seaport. Columbia (SC): University of South Carolina Press. p 192 ISBN: 978-0872497900. <http://ufdc.ufl.edu/NF00000148/00001> Accessed July 15, 2015.
- Bullivant JS. 1968. The Rate of Feeding of the Bryozoa, *Zoobotryon verticillatum*. New Zealand Journal of Marine and Freshwater Research; 2(1):111-134. <http://dx.doi.org/10.1080/00288330.1968.9515230> Accessed July 15, 2015.
- Burdett LG, McFee WE. 2004. Bycatch of bottlenose dolphins in South Carolina, USA, and an evaluation of the Atlantic blue crab fishery categorisation. Journal of Cetacean Research and Management; 6(231-240). <https://www.scribd.com/document/7160543/Burdett-and-McFee-2004> Accessed May 9, 2017.
- Burger J, Rodgers Jr. JA, Gochfeld M. 1993. Heavy Metal and Selenium Levels in Endangered Wood Storks from Nesting Colonies in Florida and Costa Rica. Archives of Environmental Contamination and Toxicology; 24(4):417-420. <http://dx.doi.org/10.1007/BF01146155> Accessed July 15, 2015.
- Burns Jr JW. 2008. Hudnell H K e. Cyanobacterial Harmful Algal Blooms: State of the Science and Research Needs. New York (NY): Springer-Verlag. ISBN: 978-0387758640 Chapter 5. Toxic Cyanobacteria in Florida Waters. p 127-137. http://dx.doi.org/10.1007/978-0-387-75865-7_5 Accessed July 15, 2015.
- Burns Jr JW, Chapman AD, Messer E, Konwinski J. 1997. Submerged Aquatic Vegetation of the Lower St. Johns River. Palatka (FL): St. Johns River Water Management District (SJRWMD). <https://sjrda.unf.edu/items/view/sjrda:77> Accessed July 15, 2015.
- Bury NR, Walker PA, Glover CN. 2003. Nutritive Metal Uptake in Teleost Fish. Journal of Experimental Biology; 206(1):11-23. <http://dx.doi.org/10.1242/jeb.00068> Accessed July 15, 2015.
- Cailleaud K, Budzinski H, Le Menach K, Souissi S, Forget-Leray J. 2009. Uptake and Elimination of Hydrophobic Organic Contaminants in Estuarine Copepods: An Experimental Study. Environmental Toxicology and Chemistry; 28(2):239-246. <http://dx.doi.org/10.1897/07-664.1> Accessed July 15, 2015.

- Caldwell DK, Caldwell MC. 1972. The World of the Bottlenosed Dolphin. Philadelphia (PA), Washington (DC): JB Lippincott Comp pp. 157 Accessed May 9, 2017.
- Caldwell M. 2001. Social and genetic structure of bottlenose dolphin (*Tursiops truncatus*) in Jacksonville, Florida. Miami (FL): University of California Museum of Paleontology. Accessed May 9, 2017.
- Caldwell M. 2016a. Historical evidence of *Tursiops truncatus* exhibiting habitat preference and seasonal fidelity in Northeast Florida. *Aquatic Mammals*; 42(1):89-103. Accessed May 9, 2017.
- Caldwell M. 2016b. Historical seasonal density and distribution patterns of *Tursiops truncatus* in Northeast Florida. *Aquatic Mammals*; 42(1):74-88. [10.1578/AM.42.1.2016.74](https://doi.org/10.1578/AM.42.1.2016.74) Accessed May 9, 2017.
- Campbell D. 2009. Environmental Sciences Technical Program Manager. *Personal Communication* to McCarthy H.
- Campbell PGC. 1995. Tessier A, Turner D R e. Metal Speciation and Bioavailability in Aquatic Systems. New York (NY): Wiley Interscience. ISBN: 978-0471958307 Interactions Between Trace Metals and Aquatic Organisms: A Critique of the Free-ion Activity Model. p 45-102. <http://www.wiley.com/WileyCDA/WileyTitle/productCd-0471958301.html> Accessed July 15, 2015.
- Campbell PGC, Paquin PR, Adams WJ, Brix KV, Juberg DR, Playle RC, Ruffing CJ, Wentzel RS. 2000. Andren A W, Bober T W e. Silver in the Environment: Transport, Fate, and Effects. Pensacola (FL): Society of Environmental Toxicology and Chemistry (SETAC). ISBN: 978-1880611449 Risk Assessment. p 97-134. <https://www.setac.org/store/ViewProduct.aspx?id=1037388> Accessed July 15, 2015.
- Carls MG, Short JW, Payne J. 2006. Accumulation of Polycyclic Aromatic Hydrocarbons by Neocalanus copepods in Port Valdez, Alaska. *Marine Pollution Bulletin*; 52(11):1480-1489. <http://dx.doi.org/10.1016/j.marpolbul.2006.05.008> Accessed July 15, 2015.
- Carlton JT. 1987. Patterns of Transoceanic Marine Biological Invasions in the Pacific Ocean. *Bulletin of Marine Science*; 41(2):452-465. <http://openurl.ingenta.com/content?genre=article&issn=0007-4977&volume=41&issue=2&page=452&epage=465> Accessed July 15, 2015.
- Carlton JT. 1992. Introduced Marine and Estuarine Mollusks of North America: An End-of-the-20th-Century Perspective. *Journal of Shellfish Research*; 11(2):489-505. <http://www.biodiversitylibrary.org/page/15141774> Accessed July 15, 2015.
- Carlton JT. 2012. *Personal Communication* to Lee H, McCarthy H.
- Carlton JT, Geller JB. 1993. Ecological Roulette: The Global Transport of Nonindigenous Marine Organisms. *Science*; 261(5117):78-82. <http://dx.doi.org/10.1126/science.261.5117.78> Accessed July 15, 2015.
- Carmichael RH, Graham WM, Allen A, Worthy G, Howden S. 2012. Were Multiple Stressors a 'Perfect Storm' for Northern Gulf of Mexico Bottlenose Dolphins (*Tursiops truncatus*) in 2011? *PLoS ONE*; 7(7):<https://doi.org/10.1371/journal.pone.0041155> Accessed May 9, 2017.
- Carr-Betts E, Beck TM, Kraus NC. 2017. Tidal Inlet Morphology Classification and Empirical Determination of Seaward and Down-Drift Extents of Tidal Inlets. *Journal of Coastal Research*; 28(547-556). <http://www.dtic.mil/dtic/tr/fulltext/u2/a575261.pdf> Accessed March 10, 2017.
- Carretta JV, Danil K, Chivers SJ, Weller DW. 2015. Recovery rates of bottlenose dolphin (*Tursiops truncatus*) carcasses estimated from stranding and survival rate data. *Mar Mamm Sci*; 32(1):349-362. <http://onlinelibrary.wiley.com/doi/10.1111/mms.12264/abstract> Accessed July 6, 2017.

LOWER SJR REPORT 2017 – REFERENCES

- CBSMiami. 2016. Former Governor Calls on Scott to Stop Water Bill. Miami (FL): CBS Miami. <http://miami.cbslocal.com/2016/01/20/former-governor-calls-on-scott-to-stop-water-bill/> Accessed April 5, 2016.
- CEQ. 2008. Conserving America's Wetlands 2008: Four Years of Partnering Resulted in Accomplishing the President's Goal. Washington (DC): The White House Council on Environmental Quality. <http://georgewbush-whitehouse.archives.gov/ceq/wetlands/2008/index.html> Accessed July 15, 2015.
- Chadwick MA, Thiele JE, Hury AD, C. BA, Dobberfuhl DR. 2012. Effects of Urbanization on Macroinvertebrates in Tributaries of the St. Johns River, Florida, USA. *Urban Ecosystems*; 15(2):347-365. <http://dx.doi.org/10.1007/s11252-011-0217-0> Accessed July 15, 2015.
- Chapman AD, Schelske CL. 1997. Recent Appearance of *Cylindrospermopsis* (Cyanobacteria) in Five Hypereutrophic Florida Lakes. *Journal of Phycology*; 33(2):191-195. <http://dx.doi.org/10.1111/j.0022-3646.1997.00191.x> Accessed July 15, 2015.
- Chen J, Theller L, Gitau MW, Engel BA, Harbor JM. 2017. Urbanization Impacts On Surface Runoff Of The Contiguous United States. *Journal of Environmental Management*; 187(0):470-481. <http://www.sciencedirect.com/science/article/pii/S0301479716308933> Accessed March 17, 2017.
- Chorus I, Bartram Je. 1999. Toxic Cyanobacteria in Water. A Guide to their Public Health Consequences, Monitoring and Management. Bury St Edmunds, Suffolk, England: World Health Organization. http://www.who.int/water_sanitation_health/resourcesquality/toxicyanbact/en/ Accessed July 15, 2015.
- Christiansen F, McHugh KA, Bejder L, Siegal EM, Lusseau D, McCabe EB, Lovewell G, Wells RS. 2016. Food provisioning increases the risk of injury in a long-lived marine top predator. *Royal Societ Open Science*; 3(12):<http://rsos.royalsocietypublishing.org/content/3/12/160560> Accessed July 6, 2017.
- Cichra CE. 1998. Benthic Macroinvertebrate Monitoring in the Lower St. Johns River, Florida, 1993-1995. Palatka (FL): St. Johns River Water Management District (SJRWMD). <https://sjrda.unf.edu/items/view/sjrda:87> Accessed July 15, 2015.
- CISEH. 2014. Early Detection & Distribution Mapping System (EDDMapS). Tifton, GA: University of Georgia (UGA), Center for Invasive Species and Ecosystem Health (CISEH). <http://www.eddmaps.org/> Accessed July 15, 2015.
- CISEH. 2015. Early Detection & Distribution Mapping system (EDDMapS). Tifton, GA: University of Georgia (UGA), Center for Invasive Species and Ecosystem Health (CISEH). <http://www.eddmaps.org/> Accessed December 20, 2015.
- CISEH. 2016. Early Detection & Distribution Mapping System (EDDMapS). Tifton, GA: University of Georgia (UGA), Center for Invasive Species and Ecosystem Health (CISEH). <http://www.eddmaps.org/> Accessed March 17, 2017.
- Clesceri LS. 1989. Standard Methods for the Examination of Water and Wastewater. 17. Baltimore (MD): American Public Health Association (APHA). p 1624 ISBN: 978-0875531618. <http://www.standardmethods.org/> Accessed July 15, 2015.
- Cohen MJ, Carstenn S, Lane CR. 2004. Floristic Quality Indices for Biotic Assessments of Depressional Marsh Condition in Florida. *Ecological Applications*; 14(3):784-794. <http://dx.doi.org/10.1890/02-5378> Accessed July 15, 2015.
- COJ. 2010. Environmental Compliance Department Mosquito Control FAQ. Jacksonville (FL): City of Jacksonville (COJ), Environmental and Compliance Department. <http://www.coj.net/departments/regulatory-compliance/mosquito-control/frequently-asked-questions.aspx> Accessed July 1, 2008.
- Collins AG. 1995. Introduction to Phoronida. Berkeley, CA: University of California Museum of Paleontology. <http://www.ucmp.berkeley.edu/brachiopoda/phoronida.html> Accessed July 15, 2015.

- Collins AG. 1999. Introduction to the Bryozoa: Moss Animals. Berkeley, CA: University of California Museum of Paleontology. <http://www.ucmp.berkeley.edu/bryozoa/bryozoa.html> Accessed July 15, 2015.
- Collins AG. 2000. Introduction to the Sipuncula: The Peanut Worms. Berkeley, CA: University of California Museum of Paleontology. <http://www.ucmp.berkeley.edu/sipuncula/sipuncula.html> Accessed July 15, 2015.
- Collins AG. 2001. Introduction to the Nemertini: Tied Up in Knots.... Berkeley, CA: University of California Museum of Paleontology. <http://www.ucmp.berkeley.edu/nemertini/nemertini.html> Accessed July 15, 2015.
- Congress. 1972a. Clean Water Act of 1972, (33 U.S.C. § 1251 et seq.) 92nd Congress. <http://www.epw.senate.gov/water.pdf> Accessed July 15, 2015.
- Congress. 1972b. Marine Mammal Protection Act of 1972, (16 U.S.C. § 1531 et seq.) 92nd Congress. <http://www.nmfs.noaa.gov/pr/pdfs/laws/mmpa.pdf> Accessed July 15, 2015.
- Congress. 1973. Endangered Species Act of 1973, (16 U.S.C. § 1361 et seq.) 93rd Congress. <http://www.nmfs.noaa.gov/pr/pdfs/laws/esa.pdf> Accessed July 15, 2015.
- Congress. 1992. Amendments to the Marine Mammal Protection Act, Marine Mammal Health and Stranding Response Program, <http://www.nmfs.noaa.gov/pr/health/MMHSRP.html> Accessed May 9, 2017.
- Connor C, Wells RS, Mann J, Read AJ. 2000. Mann J, Connor C, Tyack P L, Whitehead H. Cetacean societies: Field studies of dolphins and whales. Chicago (IL): University of Chicago Press. The bottlenose dolphin: Social relationships in a fission-fusion society. p 91-126. Accessed May 9, 2017.
- Cooksey C, Hyland JL. 2007. Sediment Quality of the Lower St. Johns River, FL: An Integrative Assessment of Benthic Fauna, Sediment-Associated Stressors, and General Habitat Characteristics. Marine Pollution Bulletin; 54(1):9-21. <http://dx.doi.org/10.1016/j.marpolbul.2006.09.007> Accessed July 15, 2015.
- Cooper K, Vanderhoff EN. 2015. Survey of Brown Pelicans (*Pelecanus occidentalis*) in Jacksonville, Florida. Florida Field Naturalist; 43(2):69-<http://www.fosbirds.org/sites/default/files/FFNs/FFNv43n2p69-78.pdf> Accessed March 14, 2016.
- Cordova E. 2016. *Personal Communication* to Pyati R.
- Craft C, Ehman J, Perry S. 2015. Hackney C T. St. Johns River Economic Study. Jacksonville (FL): University of North Florida (UNF), Coastal Biology Program. Chapter 3. Removal of Phosphorous and Nitrogen by Wetlands along the St. Johns River: An Economic Perspective. p 145-167. http://floridaswater.com/stjohnsriver/pdfs/St_Johns_River_Economic_Study.pdf Accessed July 15, 2015.
- Crain DA, Guillette Jr. LJ, Pickford DB, Percival HF, Woodward AR. 1998. Sex-Steroid and Thyroid Hormone Concentrations in Juvenile Alligators (*Alligator mississippiensis*) from Contaminated and Reference Lakes in Florida. Environmental Toxicology and Chemistry; 17(3):446-452. <http://dx.doi.org/10.1002/etc.5620170315> Accessed July 15, 2015.
- Crooks JB. 2004. Jacksonville: The Consolidation Story, from Civil Rights to Jaguars. Gainesville (FL): University Press of Florida. p ISBN: 978-0813027081. <http://www.upf.com/book.asp?id=CROOKS04> Accessed July 15, 2015.
- CSA. 1988. A Final Report for St. Johns River Ichthyofaunal Survey. Jupiter (FL): Continental Shelf Associates (CSA). <https://sjrda.unf.edu/items/view/sjrda:101> Accessed July 15, 2015.
- Curry C. 2016. Environmental groups want water-bill veto. Gainesville (FL): The Gainesville Sun. <http://www.gainesville.com/article/20160115/ARTICLES/160119737?p=1&tc=pg> Accessed April 6, 2016.

- DACS. 2014. Florida Seafood and Aquaculture Overview and Statistics. Tallahassee (FL): Florida Department of Agriculture and Consumer Services (DACS). <http://www.freshfromflorida.com/Divisions-Offices/Marketing-and-Development/Education/For-Researchers/Florida-Seafood-and-Aquaculture-Overview-and-Statistics> Accessed July 15, 2015.
- Dadswell MJ, Taubert BD, Squiers TS, Marchette D, Buckley J. 1984. Synopsis of Biological Data on Shortnose Sturgeon, *Acipenser brevirostrum* LeSueur 1818. Washington (DC): National Oceanic and Atmospheric Administration (NOAA), National Marine Fisheries Service (NMFS). http://www.nmfs.noaa.gov/pr/pdfs/species/shortnosesturgeon_biological_data.pdf Accessed July 15, 2015.
- Dahl TE. 2000. Status and Trends of Wetlands in the Conterminous United States 1986 to 1997. Washington (DC): U.S. Fish and Wildlife Service (USFWS). <http://www.fws.gov/wetlands/Documents/Status-and-Trends-of-Wetlands-in-the-Conterminous-United-States-1986-to-1997.pdf> Accessed July 15, 2015.
- Dahl TE. 2005. Florida's Wetlands: An Update on Status and Trends 1985 to 1996. Washington (DC): U.S. Fish and Wildlife Service (USFWS). <http://www.fws.gov/wetlands/Documents/Floridas-Wetlands-An-Update-on-Status-and-Trends-1985-to-1996.pdf> Accessed July 15, 2015.
- Dahl TE. 2006. Status and Trends of Wetlands in the Conterminous United States 1998 to 2004. Washington (DC): U.S. Fish and Wildlife Service (USFWS). <http://www.fws.gov/wetlands/Documents/Status-and-Trends-of-Wetlands-in-the-Conterminous-United-States-1998-to-2004.pdf> Accessed July 15, 2015.
- Dahl TE, Johnson CE. 1991. Wetlands Status and Trends in the Conterminous United States, Mid-1970's to Mid-1980's. Washington (DC): U.S. Fish and Wildlife Service (USFWS). <http://www.fws.gov/wetlands/Documents/Wetlands-Status-and-Trends-in-the-Conterminous-United-States-Mid-1970s-to-Mid-1980s.pdf> Accessed July 15, 2015.
- Dahl TE, Stedman S-M. 2013. Status and Trends of Wetlands in the Coastal Watersheds of the Conterminous United States 2004 to 2009. Washington (DC): U.S. Fish and Wildlife Service (USFWS). <http://www.fws.gov/wetlands/Documents/Status-and-Trends-of-Wetlands-In-the-Coastal-Watersheds-of-the-Conterminous-US-2004-to-2009.pdf> Accessed July 15, 2015.
- Dallinger R, Rainbow PS. 1993. Ecotoxicology of Metals in Invertebrates. Boca Raton (FL): CRC Press. <https://www.crcpress.com/Ecotoxicology-of-Metals-in-Invertebrates/Dallinger-Rainbow/9780873717342> Accessed July 15, 2015.
- Dame R, Alber M, Allen D, Mallin MA, Montague C, Lewitus A, Chalmers A, Gardner R, Gilman C, Kjerfve B, Pinckney J, Smith N. 2000. Estuaries of the South Atlantic Coast of North America: Their Geographical Signatures. *Estuaries and Coasts*; 23(6):793-819. <http://dx.doi.org/10.2307/1352999> Accessed July 15, 2015.
- Dames and Moore. 1983. Deepwater Ports Maintenance Dredging Study; Results, Interpretations and Recommendations - Ports of Jacksonville, Tampa, Manatee and Pensacola. Tallahassee (FL): National Oceanic and Atmospheric Administration (NOAA). <http://www.gpo.gov/fdsys/pkg/CZIC-tc224-f6-d36-1983-v-ii/pdf/CZIC-tc224-f6-d36-1983-v-ii.pdf> Accessed July 15, 2015.
- Dantin DD, Boustany RG, Lewis MA, Jordan SJ, Moss RF, Michot TC. 2010. Effects of Nutrient Pre-Exposure on Atrazine Toxicity to *Vallisneria americana* Michx. (Wild Celery). *Archives of Environmental Contamination and Toxicology*; 58(3):622-630. <http://dx.doi.org/10.1007/s00244-009-9399-3> Accessed July 15, 2015.
- Daskalakis KD, O'Connor TP. 1995. Distribution of Chemical Concentrations in US Coastal and Estuarine Sediment. *Marine Environmental Research*; 40(4):381-398. <http://www.sciencedirect.com/science/article/pii/014111369400150N> Accessed July 15, 2015.

- Davies PH, Goettl JP, Sinley JR, Smith NF. 1976. Acute and Chronic Toxicity of Lead to Rainbow Trout *Salmo gairdneri*, in Hard and Soft Water. *Water Research*; 10(3):199-206. <http://www.sciencedirect.com/science/article/pii/0043135476901287> Accessed July 15, 2015.
- Davis JE, Arsenault R. 2005. *Paradise Lost? This Environmental History of Florida*. Gainesville (FL): University Press of Florida. <http://www.upf.com/book.asp?id=DAVISF05> Accessed July 15, 2015.
- Davis TF. 1925. *History of Jacksonville, Florida and Vicinity 1513-1924*. St. Augustine (FL): The Florida Historical Society and The Record Company. p 978-0935259063. <http://ufdc.ufl.edu/NF00000013/00001> Accessed July 15, 2015.
- De Barros RC, Da Rocha RM, Pie MR. 2009. Human-Mediated Global Dispersion of *Styela plicata* (Tunicata, Ascidiacea). *Aquatic Invasions*; 4(1):45-57. <http://dx.doi.org/10.3391/ai.2009.4.1.4> Accessed July 15, 2015.
- Delfino JJ, Coates JA, Davis WM, Garcia KL, Jacobs MW, Marincic KJ, Signorella LL. 1991a. *Toxic Pollutants in Discharges, Ambient Waters, and Bottom Sediments: Final Report*. Tallahassee (FL): Florida Department of Environmental Protection (DEP). Accessed
- Delfino JJ, Coates JA, Davis WM, Garcia KL, Signorella LL. 1991b. *Toxic Organic Pollutant Content of Sediments Within the SJRWMD Non-Swim Areas*. Palatka (FL): St. Johns River Water Management District (SJRWMD). <https://sjrda.unf.edu/items/view/sjrda:118> Accessed July 15, 2015.
- Delfino JJ, Coates JA, Garcia KL, Signorella LL. 1992. *Toxic Organic Pollutant Content of Sediments Within the SJRWMD Non-Swim Areas*. Palatka (FL): St. Johns River Water Management District (SJRWMD). <https://sjrda.unf.edu/items/view/sjrda:119> Accessed July 15, 2015.
- DeMort CL. 1990. Livingston R J e. *The Rivers of Florida*. Volume 83. New York (NY): Springer-Verlag. ISBN: 978-0387973630 Chapter 7. The St. Johns River System. p 97-120. <http://www.springer.com/us/book/9780387973630> Accessed July 15, 2015.
- Dennison WC, Orth RJ, Moore KA, Stevenson JC, Carter V, Kollar S, Bergstrom PW, Batiuk RA. 1993. *Assessing Water Quality with Submersed Aquatic Vegetation: Habitat Requirements as Barometers of Chesapeake Bay Health*. *BioScience*; 43(2):86-94. <http://dx.doi.org/10.2307/1311969> Accessed July 15, 2015.
- DEP. 2002. *Basin Status Report: Lower St. Johns*. Tallahassee (FL): Florida Department of Environmental Protection (DEP), Division of Water Resource Management. <https://sjrda.unf.edu/items/view/sjrda:123> Accessed July 15, 2015.
- DEP. 2004. *Adopted Verified Lists of Impaired Waters for the Group 2 Basins: Lower St. Johns River*. Tallahassee (FL): Florida Department of Environmental Protection (DEP), Division of Water Resource Management. <https://sjrda.unf.edu/items/forward/sjrda:124> Accessed July 1, 2008.
- DEP. 2007. *Plan for Development of a Statewide Total Maximum Daily Load for Mercury (Mercury TMDL)*. Tallahassee (FL): Florida Department of Environmental Protection (DEP), Bureau of Laboratories/Division of Water Resource Management/Division of Air Resource Management. <http://www.dep.state.fl.us/water/tmdl/docs/tmdls/mercury/merc-tmdl-plan-draft.pdf> Accessed July 15, 2015.
- DEP. 2008a. *Basin Management Action Plan: For the Implementation of Total Daily Maximum Loads for Nutrients Adopted by the Florida Department of Environmental Protection for the Lower St. Johns River Basin Mainstem*. Tallahassee (FL): Lower St. Johns River TMDL Executive Committee and Florida Department of Environmental Protection, Division of Water Resource Management, Bureau of Watershed Management. <http://www.dep.state.fl.us/water/watersheds/docs/bmap/adopted-lsjr-bmap.pdf> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- DEP. 2008b. Integrated Water Quality Assessment for Florida: 2008 305(b) Report and 303(d) List Update. Tallahassee (FL): Florida Department of Environmental Protection (DEP), Division of Environmental Assessment and Restoration, Bureau of Watershed Management. http://www.dep.state.fl.us/water/docs/2008_Integrated_Report.pdf Accessed July 15, 2015.
- DEP. 2008c. Surface Water Improvement and Management Program (SWIM). Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/watersheds/swim.htm> Accessed July 15, 2015.
- DEP. 2009a. Adopted Verified Lists of Impaired Waters for the Group 2 Basins: Lower St. Johns River. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/watersheds/assessment/docs/303d/group2/adopted/cycle2/ljsjr-verified-c2.xls> Accessed July 15, 2015.
- DEP. 2009b. Basin Management Action Plan for Implementation of the Total Maximum Daily Loads for Fecal Coliform Adopted by the Florida Department of Environmental Protection in the Lower St. Johns River Tributaries Basin. Tallahassee (FL): Lower St. Johns River Tributaries Basin Working Group and Florida Department of Environmental Protection. <http://www.dep.state.fl.us/water/watersheds/docs/bmap/ljsjr-tribs-fecal-bmap.pdf> Accessed July 15, 2015.
- DEP. 2009c. Final Delist List of Impaired Waters: Lower St. Johns River (Cycle 2). Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/watersheds/assessment/docs/303d/group2/adopted/cycle2/ljsjr-delist-c2.xls> Accessed July 15, 2015.
- DEP. 2009d. Final Verified Lists of Impaired Waters: Group 2 (Cycle 2). Tallahassee (FL): Florida Department of Environmental Protection (DEP), Division of Water Resource Management. http://www.dep.state.fl.us/water/watersheds/assessment/adopted_gp2-c2.htm Accessed July 15, 2015.
- DEP. 2009e. Florida's NPDES Stormwater Program. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/stormwater/npdes/index.htm> Accessed July 1, 2008.
- DEP. 2009f. Northwest District Water Quality Outlook. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/northwest/Ecosys/waterquality/outlook.htm> Accessed July 15, 2015.
- DEP. 2010a. Basin Management Action Plan for Implementation of the Total Maximum Daily Loads for Fecal Coliform Adopted by the Florida Department of Environmental Protection in the Lower St. Johns River Tributaries Basin (II). Tallahassee (FL): Lower St. Johns River Tributaries Basin Working Group and Florida Department of Environmental Protection. <http://www.dep.state.fl.us/water/watersheds/docs/bmap/bmap-lsjt2.pdf> Accessed July 15, 2015.
- DEP. 2010b. Basin Management Action Plans. Tallahassee (FL): Florida Department of Environmental Protection (DEP), Watershed Assessment Section. <http://www.dep.state.fl.us/water/watersheds/bmap.htm> Accessed July 15, 2015.
- DEP. 2010c. Classification of Surface Waters, Usage, Reclassification, Classified Waters, 62-302.400 Florida Department of State (FDOS). <https://www.flrules.org/gateway/ruleno.asp?id=62-302.400> Accessed July 15, 2015.
- DEP. 2010d. Florida Drought Conditions. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/Drought/faq.htm> Accessed July 15, 2015.
- DEP. 2010e. Florida STORET: Search Water Data. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://survey.dep.state.fl.us/DearSpa/default.do?page=waterdata> Accessed July 15, 2015.
- DEP. 2010f. Florida STORET: Station Search. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://survey.dep.state.fl.us/DearSpa/default.do?page=stations> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- DEP. 2010g. The Pilot Water Quality Credit Trading Program for the Lower St. Johns River: A Report to the Governor and Legislature. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/wqssp/docs/WaterQualityCreditReport-101410.pdf> Accessed July 15, 2015.
- DEP. 2010h. Total Maximum Daily Loads Program. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/tmdl/index.htm> Accessed
- DEP. 2010i. Watershed Management. Tallahassee (FL): Florida Department of Environmental Protection (DEP), Watershed Assessment Section. <http://www.dep.state.fl.us/water/watersheds/> Accessed July 15, 2015.
- DEP. 2011a. 2010 Progress Report for the Lower St. Johns River Basin Tributaries Basin Management Action Plan I. Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/water/watersheds/docs/bmap/lshr-tribs1_prog_rpt2010.pdf Accessed July 15, 2015.
- DEP. 2011b. 2011 Progress Report for the Lower St. Johns River Basin Tributaries Basin Management Action Plan II. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/watersheds/docs/bmap/lshr-tribs2-bmap-apr-2011.pdf> Accessed July 15, 2015.
- DEP. 2011c. DRAFT Plan for Development of a Statewide Total Maximum Daily Load for Mercury. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <https://sjrda.unf.edu/items/forward/sjrda:156> Accessed July 15, 2015.
- DEP. 2012. 2011 Progress Report for the Lower St. Johns River Basin Tributaries Basin Management Action Plan I. Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/water/watersheds/docs/bmap/lshr-tribs1_prog_rpt2011.pdf Accessed July 15, 2015.
- DEP. 2013a. 2012 Progress Report for the Lower St. Johns River Basin Tributaries Basin Management Action Plan I. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/watersheds/docs/bmap/lshr-tribs1-bmap-apr-2012.pdf> Accessed July 15, 2015.
- DEP. 2013b. 2012 Progress Report for the Lower St. Johns River Basin Tributaries Basin Management Action Plan II. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/watersheds/docs/bmap/lshr-tribs2-bmap-apr-2012.pdf> Accessed July 15, 2015.
- DEP. 2013c. 2012 Progress Report for the Lower St. Johns River Mainstem Basin Management Action Plan. Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/northeast/stjohns/2012_progress_report_lshr_bmap.pdf Accessed July 15, 2015.
- DEP. 2013d. Dissolved Oxygen Criteria for Class I, Class II, and Class III-Limited Waters, 62-302.533 Florida Department of State (FDOS). <https://www.flrules.org/gateway/ruleno.asp?id=62-302.533> Accessed July 15, 2015.
- DEP. 2013e. Final Report: Mercury TMDL for the State of Florida. Tallahassee (FL): Florida Department of Environmental Protection (DEP), Watershed Evaluation and TMDL Section. <http://www.dep.state.fl.us/water/tmdl/docs/tmdls/mercury/Mercury-TMDL.pdf> Accessed July 15, 2015.
- DEP. 2013f. Implementation of Florida's Numeric Nutrient Standards. Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/secretary/news/2013/03/NNC_Implementation_3-11-13.pdf Accessed July 15, 2015.
- DEP. 2013g. Lower St. Johns River Basin TMDL. Tallahassee (FL): Florida Department of Environmental Protection (DEP), Watershed Assessment Section. <http://www.dep.state.fl.us/northeast/stjohns/TMDL/tmdl.htm> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- DEP. 2013h. Mitigation Banks Permitted Under 373.4135, F.S. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/wetlands/docs/mitigation/mitbanks-all.xlsx> Accessed July 15, 2015.
- DEP. 2013i. Outdoor Recreation in Florida 2013: Florida's Statewide Comprehensive Outdoor Recreation Plan (SCORP). Tallahassee (FL): Florida Department of Environmental Protection (DEP), Division of Recreation and Parks. http://www.dep.state.fl.us/parks/outdoor/files/FLSCORP_Draft2013.pdf Accessed July 15, 2015.
- DEP. 2013j. Report to the Governor and Legislature: Status of Efforts to Establish Numeric Interpretations of the Narrative Nutrient Criterion for Florida Estuaries and Current Nutrient Conditions of Unimpaired Waters. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <https://sjrda.unf.edu/items/view/sjrda:631> Accessed July 15, 2015.
- DEP. 2013k. Surface Water Triennial Review of State Surface Water Quality Standards. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <https://www.dep.state.fl.us/water/wqssp/trirev.htm> Accessed July 15, 2015.
- DEP. 2013l. Table: Surface Water Quality Criteria, 62-302.530 Florida Department of State (FDOS). <https://www.flrules.org/gateway/ruleno.asp?id=62-302.530> Accessed July 15, 2015.
- DEP. 2013m. Technical Reports: Fifth Year Assessments. Jacksonville (FL): Florida Department of Environmental Protection (DEP), Bureau of Laboratories. <http://www.dep.state.fl.us/labs/cgi-bin/reports/results.asp> Accessed July 15, 2015.
- DEP. 2013n. Technical Support Document: Derivation of Dissolved Oxygen Criteria to Protect Aquatic Life in Florida's Fresh and Marine Waters. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/tmdl/docs/tsd-do-criteria-aquatic-life.pdf> Accessed July 15, 2015.
- DEP. 2014a. 2013 Five-Year Assessment Report. Tallahassee (FL): Florida Department of Environmental Protection (DEP), Division of Environmental Assessment and Restoration, Bureau of Watershed Management. <http://www.dep.state.fl.us/water/watersheds/docs/bmap/lshr-bmap-FiveYearProgressReport-2013.pdf> Accessed July 15, 2015.
- DEP. 2014b. 2013 Progress Report for the Lower St. Johns River Basin Tributaries Basin Management Action Plan I. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/watersheds/docs/bmap/lshr-tribs1-bmap-apr-2013.pdf> Accessed July 15, 2015.
- DEP. 2014c. Alternate Surface Water Quality Standards: Waters with Site Specific Alternative Criteria. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/wqssp/ssac-list.htm> Accessed July 15, 2015.
- DEP. 2014d. Basin Downloads: Waterbody ID Run 49. Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/water/watersheds/assessment/docs/basin411/WBID_Run49.zip Accessed July 15, 2015.
- DEP. 2014e. DEP Takes a Major Step to Better Protect Florida's Beaches Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://content.govdelivery.com/accounts/FLDEP/bulletins/8482f5> Accessed July 15, 2015.
- DEP. 2014f. Integrated Water Quality Assessment for Florida: 2014 Sections 303(d), 305(b) Report and 314 Report and Listing Update. Tallahassee (FL): Florida Department of Environmental Protection (DEP), Division of Environmental Assessment and Restoration, Bureau of Watershed Management. http://www.dep.state.fl.us/water/docs/2014_integrated_report.pdf Accessed July 15, 2015.
- DEP. 2014g. Statewide Comprehensive Verified List of Impaired Waters. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/watersheds/assessment/docs/303d/Comp-Verified-List-2014.xlsx> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- DEP. 2015a. Assessments Lists. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/watersheds/assessment/a-lists.htm> Accessed July 15, 2015.
- DEP. 2015b. Draft Delist List of Impaired Waters: Lower St. Johns River (Cycle 3). Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/watersheds/assessment/docs/303d/group2/cycle3/vldl/g2c3-lsj-dl-draft.xlsx> Accessed July 15, 2015.
- DEP. 2015c. Estuary-Specific Numeric Interpretations of the Narrative Nutrient Criterion, 62-302.532 Florida Administrative Code, State of Florida. https://www.flrules.org/Gateway/View_notice.asp?id=16034893 Accessed July 15, 2015.
- DEP. 2015d. List of Nutrient TMDLs that are Hierarchy 1 Interpretations under Rule 62-302.531(2)(a), F.A.C. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/wqssp/docs/swqdocs/nutrient-tmdl-list.pdf> Accessed June 18, 2016.
- DEP. 2016a. Estuary-Specific Numeric Interpretations of the Narrative Nutrient Criterion, 62-302.532 Florida Administrative Code, State of Florida. <https://www.flrules.org/gateway/ruleno.asp?id=62-302.532> Accessed June 14, 2016.
- DEP. 2016b. Final Lower St. Johns River Tributaries BMAP I Progress Report. Tallahassee (FL): Florida Department of Environmental Protection (DEP), Division of Environmental Assessment and Restoration, Water Quality Restoration Program. <http://www.dep.state.fl.us/water/watersheds/docs/bmap/ljsr-tribs1-bmap-apr-2014.pdf> Accessed
- DEP. 2016c. Final Lower St. Johns River Tributaries BMAP II Update. Tallahassee (FL): Florida Department of Environmental Protection (DEP), Division of Environmental Assessment and Restoration, Water Quality Restoration Program. http://www.dep.state.fl.us/water/watersheds/docs/bmap/ljsr_tribs2-bmap-update.pdf Accessed May 2, 2017.
- DEP. 2016d. Human Health Criteria: Frequently Asked Questions. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <https://depnewsroom.files.wordpress.com/2016/06/human-health-criteria-faq-0725161.pdf> Accessed May 2, 2017.
- DEP. 2016e. Lower St. Johns River Basin TMDLs, 62-304.415 Florida Department of Environmental Protection (DEP). <https://www.flrules.org/gateway/RuleNo.asp?ID=62-304.415> Accessed June 18, 2016.
- DEP. 2016f. Lower St. Johns River Tributaries I BMAP Update, Phase 2. Tallahassee (FL): Florida Department of Environmental Protection (DEP), Division of Environmental Assessment and Restoration, Water Quality Restoration Program. [http://publicfiles.dep.state.fl.us/DEAR/DEARweb/BMAP/Lower St. Johns River LJSR Tributaries/LJSR Tribs BMAP I Update 07-30-15 Distribution.pdf](http://publicfiles.dep.state.fl.us/DEAR/DEARweb/BMAP/Lower_St_Johns_River_LJSR_Tributaries/LJSR_Tribs_BMAP_I_Update_07-30-15_Distribution.pdf) Accessed May 2, 2017.
- DEP. 2016g. Numeric Interpretations of Narrative Nutrient Criteria, 62-302.531 Florida Department of Environmental Protection (DEP). <https://www.flrules.org/gateway/ruleno.asp?id=62-302.531> Accessed June 14, 2016.
- DEP. 2016h. Revised Delist of Impaired Waters: Lower St. Johns River (Cycle 3). Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://dep.state.fl.us/water/watersheds/assessment/docs/303d/group2/cycle3/vldl/g2c3-lsj-dl-rev.xlsx> Accessed April 4, 2016.
- DEP. 2016i. Revised List of Assessments in the Group 2 (Cycle 3) Basins for the Verified List of Impaired Waters, Delist, and Study Lists. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://dep.state.fl.us/water/watersheds/assessment/g2c3.htm> Accessed April 4, 2016.
- DEP. 2016j. Revised Verified List of Impaired Waters: Lower St. Johns (Cycle 3). Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://dep.state.fl.us/water/watersheds/assessment/docs/303d/group2/cycle3/vldl/g2c3-lsj-vl-rev.xlsx> Accessed April 4, 2016.

LOWER SJR REPORT 2017 – REFERENCES

- DEP. 2016k. Table: Surface Water Quality Criteria, 62-302-530 Florida Department of Environmental Protection (DEP). <https://www.flrules.org/gateway/ruleno.asp?id=62-302.530> Accessed April 2, 2016.
- DEP. 2016l. Technical Support Document: Derivation of Human Health Criteria and Risk Impact Statement. Tallahassee (FL): Florida Department of Environmental Protection (DEP), division of Environmental Assessment and Restoration. [Technical support document: derivation of human health criteria and risk impact statement](#) Accessed May 2, 2017.
- DEP. 2017a. Progress Report for the Lower St. Johns River Tributaries Basin Management Action Plans I and II. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://publicfiles.dep.state.fl.us/DEAR/DEARweb/BMAP/Lower St. Johns River LSJR Tributaries/Final LSJR Tribs Progress Report 2016.pdf> Accessed July 14, 2017.
- DEP. 2017b. Surface Water Quality Standards. Tallahassee (FL): Florida Department of Environmental Protection (DEP), Water Quality Standards Program. <http://www.dep.state.fl.us/water/wqssp/> Accessed May 2, 2017.
- DETR. 1998. Digest of Environmental Statistics No. 20. London (England): The Stationary Office, Department of the Environment, Transport and the Regions (DETR). <http://webarchive.nationalarchives.gov.uk/20130822084033/http://www.defra.gov.uk/statistics/files/pas-summary-1997.pdf> Accessed July 15, 2015.
- Deuerling B. 2017. Environmental Scientist. *Personal Communication* to Pinto G.
- Deutsch CJ, Reid JP, Bonde RK, Easton DE, Kochman HI, O'Shea TJ. 2000. Seasonal Movements, Migratory Behavior, and Site Fidelity of West Indian Manatees Along the Atlantic Coast of the United States as Determined by Radio-telemetry. Tallahassee (FL): University of Florida, Florida Cooperative Fish and Wildlife Research Unit. <http://www.aquaticcommons.org/1067/> Accessed July 15, 2015.
- Deutsch CJ, Reid JP, Bonde RK, Easton DE, Kochman HI, O'Shea TJ. 2003. Seasonal Movements, Migratory Behavior, and Site Fidelity of West Indian Manatees Along the Atlantic Coast of the United States. *Wildlife Monographs*; 151(1-77). <http://www.jstor.org/stable/3830830> Accessed July 15, 2015.
- Di Toro DM, Allen HE, Bergman HL, Meyer JS, Paquin PR, Santore RC. 2001. Biotic Ligand Model of the Acute Toxicity of Metals. 1. Technical Basis. *Environmental Toxicology and Chemistry*; 20(10):2383-2396. <http://dx.doi.org/10.1002/etc.5620201034> Accessed July 15, 2015.
- Ding Y, Weston DP, You J, Rothert AK, Lydy MJ. 2010. Toxicity of Sediment-Associated Pesticides to *Chironomus dilutus* and *Hyalella azteca*. *Archives of Environmental Contamination and Toxicology*; 61(1):83-92. <http://dx.doi.org/10.1007/s00244-010-9614-2> Accessed July 15, 2015.
- Dobberfuhr DR. 2002. Distribution of Submerged Aquatic Vegetation in the Lower St. Johns River, 1998 Atlas. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/technicalreports/pdfs/PP/SJ2002-PP1.pdf> Accessed July 15, 2015.
- Dobberfuhr DR. 2007. Light Limiting Thresholds for Submerged Aquatic Vegetation in a Blackwater River. *Journal of Aquatic Botany*; 86(4):346-352. <http://dx.doi.org/10.1016/j.aquabot.2007.01.003> Accessed July 15, 2015.
- Dobberfuhr DR. 2009. Technical Program Manager, Environmental Sciences. *Personal Communication* to Pinto G.
- Dobberfuhr DR, Trahan N. 2003. Distribution of Submerged Aquatic Vegetation in the Lower St. Johns River, 2001 Atlas. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/technicalreports/pdfs/PP/SJ2003-PP1.pdf> Accessed July 15, 2015.

- Dodd Jr CK, Barichivich WJ. 2007. Movements of Large Snakes (*Drymarchon*, *Masticophis*) in North-central Florida. *Florida Scientist*; 70(1):83-94. <https://sjrda.unf.edu/items/forward/sjrda:173> Accessed July 15, 2015.
- Dodds NMW, Miller MH, Lamm AJ. 2014. Floridians' Perceptions of Invasive Species. Gainesville (FL): Agricultural Education and Communication Department, UF/IFAS Extension. <http://edis.ifas.ufl.edu/wc186> Accessed December 28, 2015.
- Donkin P, Widdows J, Evans SV, Worrall CM, Carr M. 1989. Quantitative Structure-activity Relationships for the Effect of Hydrophobic Organic Chemicals on Rate of Feeding by Mussels (*Mytilus edulis*). *Aquatic Toxicology*; 14(3):277-294. <http://www.sciencedirect.com/science/article/pii/0166445X89900210> Accessed July 15, 2015.
- Dortch Q. 1990. The Interaction Between Ammonium and Nitrate Uptake in Phytoplankton. *Marine Ecology Progress Series*; 61(1):183-201. <http://www.int-res.com/articles/meps/61/m061p183.pdf> Accessed July 15, 2015.
- Dunn AE, Dobberfuhl DR, Casamatta DA. 2008. A Survey of Algal Epiphytes from *Vallisneria americana* Michx. (Hydrocharitaceae) from the Lower St. Johns River, Florida. *Southeastern Naturalist*; 7(2):229-244. <http://www.bioone.org/doi/abs/10.1656/1528-7092%282008%297%5B229%3AAASOAEF%5D2.0.CO%3B2> Accessed July 15, 2015.
- Durako MJ, Murphy MD, Haddad KD. 1988. Assessment of Fisheries Habitat: Northeast Florida. St. Petersburg (FL): Florida Department of Environmental Protection (DEP), Department of Natural Resources, Bureau of Marine Research. http://f50006a.eos-intl.net/ELIBSQL12_F50006A_Documents/FMRP045ocr.pdf Accessed July 15, 2015.
- Durell GS, Fredriksson JS, Higman JC. 2004. Sediment Quality of the Lower St. Johns River and Cedar-Ortega River Basin: Chemical Contaminant Characteristics. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/technicalreports/pdfs/SP/SJ2004-SP43.pdf> Accessed July 15, 2015.
- Durell GS, Higman JC, Fredriksson JS, Neff J. 2005. Chemical Contamination of Sediments in the Cedar-Ortega River Basin. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/technicalreports/pdfs/SP/SJ2005-SP5.pdf> Accessed July 15, 2015.
- Durell GS, Seavey JA, Hunt CD. 1997. Status of Sediment Quality in the St. Johns River Water Management District: Physical and Chemical Characteristics. Revised. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/technicalreports/pdfs/SP/SJ98-SP5.pdf> Accessed July 15, 2015.
- Dyble J, Paerl HW, Neilan BA. 2002. Genetic Characterization of *Cylindrospermopsis raciborskii* (Cyanobacteria) Isolates from Diverse Geographic Origins Based on *nifH* and *cpcBA*-IGS Nucleotide Sequence Analysis. *Applied and Environmental Microbiology*; 68(5):2567-2571. <http://dx.doi.org/10.1128/AEM.68.5.2567-2571.2002> Accessed July 15, 2015.
- Earthjustice. 2008. Complaint for Declaratory and Injunctive Relief. Oakland (CA): Sierra Club. <http://earthjustice.org/news/press/2008/earthjustice-files-federal-lawsuit-to-stop-toxic-algae-blooms> Accessed July 15, 2015.
- Echols KR, Meadows JC, Orazio CE. 2009. Likens G E. *Encyclopedia of Inland Waters*. Elsevier/Academic Press. 978-0123706263 Pollution of Aquatic Ecosystems II: Hydrocarbons, Synthetic Organics, Radionuclides, Heavy Metals, Acids, and Thermal Pollution. p 120-128. <http://dx.doi.org/10.1016/B978-012370626-3.00223-4> Accessed July 15, 2015.
- EDR. 2015. Demographic Estimating Conference Database. The Florida Legislature, Office of Economic and Demographic Research (EDR). <http://edr.state.fl.us/Content/conferences/population/index.cfm> Accessed July 15, 2015.
- Ehrenfeld DW. 1970. *Biological Conservation*. New York (NY): Holt, Rinehart and Winston. p 978-0030800498. <http://www.amazon.com/dp/0030800498> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- Eisler R. 1988a. Lead Hazards to Fish, Wildlife, and Invertebrates: A Synoptic Review. Laurel (MD): U.S. Fish and Wildlife Service (USFWS), Patuxent Wildlife Research Center. http://www.pwrc.usgs.gov/eisler/CHR_14_Lead.pdf Accessed July 15, 2015.
- Eisler R. 1988b. Nickel Hazards to Fish, Wildlife, and Invertebrates: A Synoptic Review. Laurel (MD): U.S. Fish and Wildlife Service (USFWS), Patuxent Wildlife Research Center. http://www.pwrc.usgs.gov/eisler/CHR_34_Nickel.pdf Accessed July 15, 2015.
- Eisler R. 1993. Zinc Hazards to Fish, Wildlife, and Invertebrates: A Synoptic Review. Laurel (MD): U.S. Fish and Wildlife Service (USFWS), Patuxent Wildlife Research Center. http://www.pwrc.usgs.gov/eisler/CHR_26_Zinc.pdf Accessed July 15, 2015.
- Eisler R. 1996. Silver Hazards to Fish, Wildlife, and Invertebrates: A Synoptic Review. Laurel (MD): U.S. Fish and Wildlife Service (USFWS), Patuxent Wildlife Research Center. http://www.pwrc.usgs.gov/eisler/CHR_32_Silver.pdf Accessed July 15, 2015.
- Eldredge LG, Smith CM. 2001. A Guidebook of Introduced Marine Species in Hawaii. Manoa, HI: B.P. Bishop Museum and the University of Hawaii. http://www2.bishopmuseum.org/HBS/invertguide/species_pdf/guide.pdf Accessed July 15, 2015.
- ELI. 2008. The Role of Aquatic Invasive Species in State Listing of Impaired Waters and the TMDL Program: Seven Case Studies. Washington (DC): Environmental Law Institute (ELI). http://www.eli.org/sites/default/files/eli-pubs/d18_14.pdf Accessed July 15, 2015.
- Elton CS. 1958. The Ecology of Invasions by Animals and Plants. Chicago (IL): The University of Chicago Press. p 196 ISBN: 978-0226206387. <http://press.uchicago.edu/ucp/books/book/chicago/E/bo3614808.html> Accessed July 15, 2015.
- EPA. 1976. Quality Criteria for Water. Washington (DC): Environmental Protection Agency (EPA). http://www.waterboards.ca.gov/water_issues/programs/tmdl/records/state_board/2008/ref2689.pdf Accessed April 1, 2017.
- EPA. 1979. Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions. Federal Register; 44(106):31514-31558. <https://sjrda.unf.edu/items/view/sjrda:563> Accessed July 15, 2015.
- EPA. 1986. Ambient Water Quality Criteria for Bacteria - 1986. Washington (DC): Environmental Protection Agency (EPA), Office of Water. http://water.epa.gov/scitech/swguidance/standards/upload/2009_04_13_beaches_1986crit.pdf Accessed July 15, 2015.
- EPA. 1997a. Mercury Study Report to Congress; Volume I: Executive Summary. Washington (DC): Environmental Protection Agency (EPA), Office of Air Quality Planning & Standards and Office of Research and Development. <http://www.epa.gov/ttn/oarpg/t3/reports/volume1.pdf> Accessed July 15, 2015.
- EPA. 1997b. Mercury Study Report to Congress; Volume II: An Inventory of Anthropogenic Mercury Emissions in the United States. Washington (DC): Office of Air Quality Planning & Standards and Office of Research and Development. <http://www.epa.gov/ttn/oarpg/t3/reports/volume2.pdf> Accessed July 15, 2015.
- EPA. 2001. Water Quality Criterion for the Protection of Human Health: Methylmercury. Washington (DC): Environmental Protection Agency (EPA). <https://sjrda.unf.edu/items/forward/sjrda:566> Accessed July 15, 2015.
- EPA. 2002a. Methods for Estimating the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms. Washington (DC): Environmental Protection Agency (EPA), Office of Water. http://water.epa.gov/scitech/methods/cwa/wet/upload/2007_07_10_methods_wet_disk2_atx.pdf Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- EPA. 2002b. Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms. Washington (DC): Environmental Protection Agency (EPA), Office of Water. http://water.epa.gov/scitech/methods/cwa/wet/upload/2007_07_10_methods_wet_disk3_ctf.pdf Accessed July 15, 2015.
- EPA. 2007. Integrated Risk Information System (IRIS) Substance List. Washington (DC): U.S. Environmental Protection Agency (EPA), Office of Research and Development. <http://cfpub.epa.gov/ncea/iris/index.cfm?fuseaction=iris.showSubstanceList> Accessed July 15, 2015.
- EPA. 2008. Clean Water Act History. Washington (DC): Environmental Protection Agency (EPA). <http://www2.epa.gov/laws-regulations/history-clean-water-act> Accessed July 1, 2008.
- EPA. 2010a. Total Maximum Daily Loads for the Doctors Lake, Swimming Pen Creek, Six Mile Creek, Black Creek, Black Creek South Fork, Peters Creek and Lake Harney Watersheds - WBIDS: 2389, 2410, 2411, 2415B, 2415C, 2444, 2964A: Silver. Atlanta (GA): Environmental Protection Agency (EPA), Region 4. http://www.epa.gov/waters/tmdl/docs/38333_38333_silver.pdf Accessed July 15, 2015.
- EPA. 2010b. Water Quality Standards for Florida's Lakes and Flowing Waters. EPA-HQ-OW-2009-0596. Federal Register; 75(233):75762-75806. <http://federalregister.gov/a/2010-29943> Accessed July 15, 2015.
- EPA. 2012a. 2012 Recreational Water Quality Criteria. Washington (DC): U.S. Environmental Protection Agency (EPA), Office of Water. <https://www.epa.gov/sites/production/files/2015-10/documents/rwqc2012.pdf> Accessed July 1, 2014.
- EPA. 2012b. Factsheet: 2012 Recreational Water Quality Criteria Washington (DC): U.S. Environmental Protection Agency (EPA), Office of Water. <https://www.epa.gov/sites/production/files/2015-10/documents/rec-factsheet-2012.pdf> Accessed May 2, 2017.
- EPA. 2012c. Microbial (Pathogen)/Recreational Water Quality Criteria. Washington (DC): U.S. Environmental Protection Agency (EPA), Office of Water. <http://water.epa.gov/scitech/swguidance/standards/criteria/health/recreation/upload/factsheet2012.pdf> Accessed July 15, 2015.
- EPA. 2013a. Approval of Florida's Numeric Nutrient Standards. Washington (DC): U.S. Environmental Protection Agency (EPA). <https://sjrda.unf.edu/items/view/sjrda:759> Accessed July 15, 2015.
- EPA. 2013b. Decision Document of the United States Environmental Protection Agency Determination Under § 303(c) of the Clean Water Act Review of a Portion of Florida's 2013 Triennial Review of Changes to Rules 62-302 and 62-303. Tallahassee (FL): <https://sjrda.unf.edu/items/view/sjrda:761> Accessed July 15, 2015.
- EPA. 2013c. EPA's Risk-Screening Environmental Indicators (RSEI) methodology: RSEI Version 2.3.2. Washington (DC): Environmental Protection Agency (EPA). http://www.epa.gov/oppt/rsei/pubs/rsei_methodology_v2_3_2.pdf Accessed July 15, 2015.
- EPA. 2013d. Mercury and Air Toxics Standards (MATS). Washington (DC): Environmental Protection Agency (EPA). <http://www.epa.gov/mats/> Accessed July 15, 2015.
- EPA. 2013e. Risk-Screening Environmental Indicators (RSEI). Washington (DC): U.S. Environmental Protection Agency (EPA). http://www.epa.gov/oppt/rsei/pubs/get_rsei.html Accessed July 15, 2015.
- EPA. 2013f. Technology Transfer Network: Clearinghouse for Inventories & Emissions Factors. Washington (DC): Environmental Protection Agency (EPA). <http://www.epa.gov/ttn/chief/ap42/> Accessed July 15, 2015.
- EPA. 2014. Environmental Fluid Dynamics Code (EFDC). Washington (DC): Environmental Protection Agency (EPA). <http://www.epa.gov/athens/wwqtsc/html/efdc.html> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- EPA. 2015a. 2015 Drinking Water Health Advisories for Two Cyanobacterial Toxins. Washington (DC): Environmental Protection Agency (EPA), Office of Water. https://www.epa.gov/sites/production/files/2015-06/documents/cyanotoxins-fact_sheet-2015.pdf Accessed June 15, 2016.
- EPA. 2015b. Toxics Release Inventory (TRI) Program. Washington (DC): Environmental Protection Agency (EPA). <http://www2.epa.gov/toxics-release-inventory-tri-program> Accessed July 15, 2015.
- EPA. 2015c. TRI Explorer Releases: Trends Report, Toxics Release Inventory. Washington (DC): Environmental Protection Agency (EPA). <https://sjrda.unf.edu/items/forward/sjrda:571> Accessed July 15, 2015.
- EPA. 2015d. TRI.NET. Washington (DC): Environmental Protection Agency (EPA). <http://www2.epa.gov/toxics-release-inventory-tri-program/trinet> Accessed July 15, 2015.
- EPA. 2016a. Fact Sheet: Draft Human Health Recreational Ambient Water Quality Criteria/Swimming Advisories for Microcystins and Cylindrospermospin. Washington (DC): Environmental Protection Agency (EPA), Office of Water. <https://www.epa.gov/sites/production/files/2016-12/documents/draft-hh-rec-ambient-water-swimming-factsheet.pdf> Accessed March 10, 2017.
- EPA. 2016b. Nutrient Policy Data: Guidelines and Recommendations. Washington (DC): Environmental Protection Agency (EPA). <https://www.epa.gov/nutrient-policy-data/guidelines-and-recommendations-what3> Accessed June 15, 2016.
- EPA. 2017. Microbial (Pathogen)/Recreational Water Quality Criteria. Washington (DC): <https://www.epa.gov/wqc/microbial-pathogenrecreational-water-quality-criteria-swimming> Accessed March 10, 2017.
- ERDC. 2015. Regulatory In-lieu Fee and Bank Information Tracking System (RIBITS). Washington (DC): U.S. Army Corps of Engineers (USACE), Environmental Research and Development Center. https://ribits.usace.army.mil/ribits_apex/f?p=107:2 Accessed July 15, 2015.
- ERDC. 2016. Regulatory In-lieu Fee and Bank Information Tracking System (RIBITS). Washington (DC): U.S. Army Corps of Engineers (USACE), Environmental Research and Development Center. https://ribits.usace.army.mil/ribits_apex/f?p=107:2 Accessed December 11, 2015.
- Ermak J, Karle K, Gibson Q. 2017. Multi-level dolphin alliances in northeastern Florida offer comparative insight into pressures shaping alliance formation. *J. of Mammalogy*; Accessed In press.
- Escher BI, Eggen RIL, Schreiber U, Schreiber Z, Vye E, Wisner B, Schwarzenbach RP. 2002. Baseline Toxicity (Narcosis) of Organic Chemicals Determined by in Vitro Membrane Potential Measurements in Energytransducing Membranes. *Environmental Science and Technology*; 36(9):1971-1979. <http://dx.doi.org/10.1021/es015844c> Accessed July 15, 2015.
- Escher BI, Hermens JLM. 2002. Modes of Action in Ecotoxicology: Their Role in Body Burdens, Species Sensitivity, QSARs, and Mixture Effects (Critical Review). *Environmental Science and Technology*; 36(20):4201-4217. <http://dx.doi.org/10.1021/es015848h> Accessed July 15, 2015.
- Evans DL, Higman JC. 2001. Benthic Macroinvertebrate Data from 20 Surface Water Sites within the Lower St. Johns River Basin. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/technicalreports/pdfs/SP/SJ2001-SP9.pdf> Accessed July 15, 2015.
- Evans DL, Strom DG, Higman JC, Hughes E, Hoover EA, Line LM. 2004. An Evaluation of Benthic Macroinvertebrate Data from 20 Surface Water Sites Within the Lower St. Johns River Basin, 2002-2003. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/technicalreports/pdfs/SP/SJ2004-SP41.pdf> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- Evans SM, Birchenough AC, Brancato MS. 2000. The TBT Ban: Out of the Frying Pan into the Fire? *Marine Pollution Bulletin*; 40(3):204-211. <https://sjrda.unf.edu/items/forward/sjrda:763> Accessed July 15, 2015.
- Ewing RY, Mase-Guthrie B, McFee W, Townsend F, Manire CA, Walsh M, Borkowski R, Bossart GD, Schaefer AM. 2017. Evaluation of serum for pathophysiological effects of prolonged low salinity water exposure in displaced bottlenose dolphins (*Tursiops truncatus*). *Frontiers in Veterinary Medicine*; 4(<http://journal.frontiersin.org/article/10.3389/fvets.2017.00080/full>) Accessed July 7, 2017.
- Faulkner S. 2004. Urbanization Impacts on the Structure and Function of Forested Wetlands. *Urban Ecosystems*; 7(2):89-106. <http://dx.doi.org/10.1023/B:UECO.0000036269.56249.66> Accessed July 15, 2015.
- FCCDR. 2008. Atlas of Florida Vascular Plants. Tampl, FL: University of South Florida (USF), The Florida Center for Community Design + Research (FCCDR). <http://www.florida.plantatlas.usf.edu/> Accessed July 15, 2015.
- FCN. 2015. Foot-long Asian tiger shrimp caught on the First Coast. Jacksonville (FL): First Coast News (FCN). <http://legacy.firstcoastnews.com/story/news/weird/2015/07/09/asian-tiger-shrimp---st-johns-river--jacksonville/29945025/> Accessed February 3, 2016.
- FDEP. 2016. Basin Management Action Plan for the Implementation of Total Daily Maximum Loads for Fecal Coliforms in the Lower St. Johns River Basin Tributaries I. Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/water/watersheds/docs/bmap/lshr_tribs1-bmap-update.pdf Accessed April 2, 2016.
- FDHSMV. 2017. Vessel Owner Statistics. Tallahassee (FL): Florida Department of Highway Safety and Motor Vehicles (FDHSMV). <https://www.flhsmv.gov/pdf/vessels/vesselstats2016.pdf> Accessed March 10, 2017.
- FDOH. 2005. News Release: Health Alert for Duval, St. Johns, and Clay Counties. Tallahassee (FL): Florida Department of Health (FDOH), Duval County Health Department. <https://sjrda.unf.edu/items/view/sjrda:199> Accessed July 15, 2015.
- FDOH. 2016. Your Guide to Eating Fish Caught in Florida (2015). Tallahassee (FL): Florida Department of Health (FDOH). http://www.floridahealth.gov/programs-and-services/prevention/healthy-weight/nutrition/seafood-consumption/_documents/2013-advisory-brochure.pdf Accessed April 1, 2016.
- FDOH. 2017. Seafood Consumption. Tallahassee (FL): Florida Department of Health (FDOH). <http://www.floridahealth.gov/programs-and-services/prevention/healthy-weight/nutrition/seafood-consumption/quick-facts.html> Accessed March 10, 2017.
- Fears DR. 2010. Arsenic in the Groundwater at Naval Station Mayport; Geochemical Processes or Anthropogenically Caused? Gainesville (FL): University of Florida, Institute of Food and Agricultural Sciences (IFAS). <https://sjrda.unf.edu/items/view/sjrda:678> Accessed July 15, 2015.
- Fernald EA, Patton DJ. 1984. Water Resources Atlas of Florida. Tallahassee (FL): Florida State University. p 978-0960670819. <http://www.amazon.com/dp/0960670815> Accessed July 15, 2015.
- Fisk AT, Stern GA, Hobson KA, Strachan WJ, Loewen MD, Norstrom RJ. 2001. Persistent Organic pollutants (POPs) in a Small, Herbivorous, Arctic Marine Zooplankton (*Calanus hyperboreus*): Trends from April to July and the Influence of Lipids and Trophic Transfer. *Marine Pollution Bulletin*; 43(1-6):93-101. <http://www.sciencedirect.com/science/article/pii/S0025326X01000388> Accessed July 15, 2015.
- Fitzpatrick JW, Pranty B, Stith B. 1994. Florida Scrub Jay Statewide Habitat Map, 1992-1993. Lake Placid (FL): U.S. Fish and Wildlife Service (USFWS), Archbold Biological Station. http://www.fgdl.org/metadata/fgdc_html/scrubjay_hab_1993.fgdc.htm Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- Florida Legislature. 1972a. Florida Statute: Chapter 163 - Intergovernmental Programs, State of Florida. http://www.leg.state.fl.us/statutes/index.cfm?App_mode=Display_Statute&URL=0100-0199/0163/0163ContentsIndex.html Accessed July 15, 2015.
- Florida Legislature. 1972b. Florida Statute: Chapter 373 - Water Resources, State of Florida. http://www.leg.state.fl.us/Statutes/index.cfm?App_mode=Display_Statute&URL=0300-0399/0373/0373ContentsIndex.html Accessed July 15, 2015.
- Florida Legislature. 1972c. Florida Statute: Chapter 380 - Land and Water Management, State of Florida. http://www.leg.state.fl.us/Statutes/index.cfm?App_mode=Display_Statute&URL=0300-0399/0380/0380ContentsIndex.html Accessed July 15, 2015.
- Flowe J. 2016. *Personal Communication* to Goldberg N.
- FNAI. 2016. Summary of Florida Conservation Lands Including Less-than-fee Conservation Lands. Tallahassee (FL): Florida Natural Assets Inventory (FNAI). http://www.fnai.org/PDF/Maacres_201602_FCL_plus_LTF.pdf Accessed July 15, 2015.
- Foltz DW, Sarver SK, Hrinkevich AW. 1995. Genetic Structure of Brackish Water Clams (*Rangia spp.*). *Biochemical Systematics and Ecology*; 23(3):223-233. <http://www.sciencedirect.com/science/article/pii/030519789500012J> Accessed July 15, 2015.
- Forstall RL. 1995. Florida Population of Counties by Decennial Census: 1900 to 1990. Washington (DC): U.S. Census Bureau (USCB), Population Division. <http://www.census.gov/population/cencounts/fl190090.txt> Accessed July 15, 2015.
- Fossi MC, Marsili L. 2003. Effects of Endocrine Disruptors in Aquatic Mammals. *Pure and Applied Chemistry*; 75(11-12):2235-2247. <http://dx.doi.org/10.1351/pac200375112235> Accessed July 15, 2015.
- Foster JM, Heard RW, Knott DM. 2004. Northern Range Extensions for *Caprella Scaura* Templeton, 1836 (Crustacea: Amphipoda: Caprellidae) on the Florida Gulf Coast and South Carolina. *Gulf and Caribbean Research*; 16(1):65-69. <http://aquila.usm.edu/gcr/vol16/iss1/9/> Accessed July 15, 2015.
- Frank B. 2008. Webmaster. *Personal Communication* to McCarthy H.
- Frank B, Lee H. 2008. Jacksonville Shells. Jacksonville (FL): Jacksonville Shell Club. <http://www.jaxshells.org/> Accessed July 15, 2015.
- Frayer WE, Monahan T, Bowden DC, Graybill FA. 1983. Status and Trends of Wetlands and Deepwater Habitats in the Conterminous United States, 1950's to 1970's. St. Petersburg (FL): U.S. Fish and Wildlife Service (USFWS), National Wetlands Inventory. <http://www.fws.gov/wetlands/Documents/Status-and-Trends-of-Wetlands-and-Deepwater-Habitats-in-the-Conterminous-United-States-1950s-to-1970s.pdf> Accessed July 15, 2015.
- French GT, Moore KA. 2003. Interactive Effects of Light and Salinity Stress on the Growth, Reproduction, and Photosynthetic Capabilities of *Vallisneria americana* (Wild Celery). *Estuaries and Coasts*; 26(5):1255-1268. <http://dx.doi.org/10.1007/BF02803628> Accessed July 15, 2015.
- Friedland KD, Kynard B. 2004. IUCN Red List of Threatened Species (2007) *Acipenser brevirostrum*. Cambridge (England): International Union for Conservation of Nature and Natural Resources (IUCN). <http://www.iucnredlist.org/details/222/0> Accessed July 15, 2015.
- FWC. 1978. The Florida Manatee Sanctuary Act, 68C-22 Florida Department of State (FDOS). <https://www.flrules.org/gateway/ChapterHome.asp?Chapter=68C-22> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- FWC. 2000. Sea Stats: Baitfish. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC). http://research.myfwc.com/products/product_info.asp?id=1442 Accessed July 15, 2015.
- FWC. 2007. Florida Manatee Management Plan: *Trichechus manatus latirostris*. Tallahassee (FL): Florida Fish and Wildlife Conservation Commission (FWC). http://myfwc.com/media/415297/Manatee_MgmtPlan.pdf Accessed July 15, 2015.
- FWC. 2008. Bald Eagle Management Plan: *Haliaeetus leucocephalus*. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC). http://myfwc.com/media/427567/Eagle_Plan_April_2008.pdf Accessed July 15, 2015.
- FWC. 2010. FWC Determines Fungus Caused St. Johns Fish Kill. Tallahassee (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). <http://preview.myfwc.com/news/news-releases/2010/november/09/fish-kill/> Accessed July 15, 2015.
- FWC. 2014a. Lionfish Recreational Regulations. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC). <http://myfwc.com/fishing/saltwater/recreational/lionfish/> Accessed July 15, 2015.
- FWC. 2014b. Manatee Protection Plans. Tallahassee (FL): Florida Fish and Wildlife Conservation Commission (FWC). <http://www.myfwc.com/wildlifehabitats/managed/manatee/protection-plans/> Accessed July 15, 2015.
- FWC. 2014c. Nonnatives - Muscovy Duck. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC). <http://myfwc.com/wildlifehabitats/nonnatives/birds/muscovy-duck/> Accessed July 15, 2015.
- FWC. 2014d. Species Profile - Florida Scrub Jay: *Aphelocoma coerulescens*. Tallahassee (FL): Florida Fish and Wildlife Conservation Commission (FWC). <http://myfwc.com/wildlifehabitats/profiles/birds/songbirds/florida-scrub-jay/> Accessed July 15, 2015.
- FWC. 2015. Level A Marine Mammal Stranding Report: *Stenella frontalis* stranding, St. Johns River, FL. Jacksonville (FL): Florida Fish and Wildlife Conservation Commission (FWC). Accessed May 9, 2017.
- FWC. 2016. Species Profile - Largemouth Bass. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC). <http://myfwc.com/wildlifehabitats/profiles/freshwater/largemouth-bass/> Accessed April 1, 2016.
- FWC. 2017a. Bottlenose Dolphin (*Tursiops truncatus*) - Human Interaction Data, 2006-2016, in the St. Johns River, FL. Jacksonville (FL): Florida Fish and Wildlife Conservation Commission (FWC). Accessed May 9, 2017.
- FWC. 2017b. Confirmed Morbillivirus in SJR bottlenose dolphins. *Personal Communication* to Borkowski R.
- FWC. 2017c. Florida Freshwater Fishing Regulations 2017, Florida Fish and Wildlife Conservation Commission (FWC). <http://www.eregulations.com/florida/fishing/freshwater/> Accessed March 10, 2017.
- FWC. 2017d. Florida Saltwater Recreational Fishing Regulations 2017, Florida Fish and Wildlife Conservation Commission (FWC). <http://www.eregulations.com/florida/fishing/saltwater/> Accessed March 10, 2017.
- FWC. 2017e. Mortality Data, 2006 – 2016, for Bottlenose Dolphins (*Tursiops truncatus*) in the St. Johns River and NE Florida. Jacksonville (FL): Florida Fish and Wildlife Conservation Commission (FWC). Accessed May 9, 2017.
- FWC. 2017f. Practices which may reduce risk of bottlenose dolphin entanglement in crab trap/line gear. *Personal Communication* to Borkowski R.
- FWC. 2017g. St. Johns River Fish Kills. Tallahassee (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). <http://myfwc.com/research/saltwater/health/reported-fish-kills-abnormalities/st-johns-river/> Accessed March 30, 2017.

LOWER SJR REPORT 2017 – REFERENCES

- FWRI. 2002. Fisheries-Independent Monitoring Program 2001 Annual Data Summary Report. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://www.lsjr.org/pdf/FIM_2001_Annual_Report.pdf Accessed July 15, 2015.
- FWRI. 2003. Fisheries-Independent Monitoring Program 2002 Annual Data Summary Report. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://www.lsjr.org/pdf/FIM_2002_Annual_Report.pdf Accessed July 15, 2015.
- FWRI. 2004. Fisheries-Independent Monitoring Program 2003 Annual Data Summary Report. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://www.lsjr.org/pdf/FIM_2003_Annual_Report.pdf Accessed July 15, 2015.
- FWRI. 2005. Fisheries-Independent Monitoring Program 2004 Annual Data Summary Report. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://www.lsjr.org/pdf/FIM_2004_Annual_Report.pdf Accessed July 15, 2015.
- FWRI. 2006. Fisheries-Independent Monitoring Program 2005 Annual Data Summary Report. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://www.lsjr.org/pdf/FIM_2005_Annual_Report.pdf Accessed July 15, 2015.
- FWRI. 2007. Fisheries-Independent Monitoring Program 2006 Annual Data Summary Report. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://www.lsjr.org/pdf/FIM_2006_Annual_Report.pdf Accessed July 15, 2015.
- FWRI. 2008a. Atlantic Croaker, *Micropogonias undulates* (Linnaeus, 1766). St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://myfwc.com/media/194607/atlantic_croaker.pdf Accessed July 15, 2015.
- FWRI. 2008b. Fisheries-Independent Monitoring Program 2007 Annual Data Summary Report. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://www.lsjr.org/pdf/FIM_2007_Annual_Report.pdf Accessed July 15, 2015.
- FWRI. 2008c. Flounders, *Paralichthys* spp. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). <http://myfwc.com/media/194673/flounders.pdf> Accessed July 15, 2015.
- FWRI. 2008d. Penaeid Shrimp. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://myfwc.com/media/195867/penaeid_shrimps.pdf Accessed July 15, 2015.
- FWRI. 2009. Fisheries-Independent Monitoring Program 2008 Annual Data Summary Report. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://www.lsjr.org/pdf/FIM_2008_Annual_Report.pdf Accessed July 15, 2015.
- FWRI. 2010. Fisheries-Independent Monitoring Program 2009 Annual Data Summary Report. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://www.lsjr.org/pdf/FIM_2009_Annual_Report.pdf Accessed July 15, 2015.
- FWRI. 2011. Fisheries-Independent Monitoring Program 2010 Annual Data Summary Report. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://www.lsjr.org/pdf/FIM_2010_Annual_Report.pdf Accessed July 15, 2015.
- FWRI. 2012a. Cold-Related Mortality Event Winter 2009-2010. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). <http://myfwc.com/research/manatee/rescue-mortality-response/mortality-statistics/cold-related-2009-2010/> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- FWRI. 2012b. Fisheries-Independent Monitoring Program 2011 Annual Data Summary Report. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://www.lsjr.org/pdf/FIM_2011_Annual_Report.pdf Accessed July 15, 2015.
- FWRI. 2013a. Blue Crab, *Callinectes sapidus* Rathbun, 1896. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://myfwc.com/media/195795/ihr_2013-014_blue_crab_2013.pdf Accessed July 15, 2015.
- FWRI. 2013b. Fisheries-Independent Monitoring Program 2012 Annual Data Summary Report. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://www.lsjr.org/pdf/FIM_2012_Annual_Report.pdf Accessed July 15, 2015.
- FWRI. 2014. Fisheries-Independent Monitoring Program 2013 Annual Data Summary Report. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://www.lsjr.org/pdf/FIM_2013_Annual_Report.pdf Accessed July 15, 2015.
- FWRI. 2015a. Manatee Mortality Search. St. Petersburg (FL): Florida Department of Agriculture. <http://research.myfwc.com/manatees/> Accessed July 15, 2015.
- FWRI. 2015b. Manatee Synoptic Surveys. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). <http://myfwc.com/research/manatee/research/population-monitoring/synoptic-surveys/> Accessed July 15, 2015.
- FWRI. 2015c. Red Drum, *Scianops ocellatus* (Linnaeus, 1766). St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). <http://myfwc.com/media/194654/red-drum.pdf> Accessed April 1, 2016.
- FWRI. 2016a. Fisheries-Independent Monitoring Program 2015 Annual Data Summary Report. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://www.lsjr.org/pdf/FIM_2015_Annual_Report.pdf Accessed April 1, 2016.
- FWRI. 2016b. Manatee Mortality Search. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). <http://myfwc.com/research/manatee/> Accessed April 1, 2016.
- FWRI. 2017a. Commercial Fisheries Landings in Florida. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). <http://myfwc.com/research/saltwater/fishstats/commercial-fisheries/landings-in-florida/> Accessed March 3, 2017.
- FWRI. 2017b. Fisheries-Independent Monitoring Program 2016 Annual Data Summary Report. St. Petersburg (FL): https://www.dep.state.fl.us/northeast/stjohns/TMDL/docs/Feb2017/LSJR_Main_Stem_BMAP_2016_progress_report021617.docx Accessed March 10, 2017.
- FWRI. 2017c. Florida Manatee. St. Petersburg (FL): <http://myfwc.com/research/manatee/> Accessed March 10, 2017.
- FWRI. 2017d. Shortnose Sturgeon Population Evaluation in the St. Johns River, Florida. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). <http://myfwc.com/research/saltwater/sturgeon/research/population-evaluation> Accessed March 10, 2017.
- Gallegos CL. 2005. Optical Water Quality of a Blackwater River Estuary: The Lower St. Johns River, Florida, USA. *Estuarine, Coastal and Shelf Science*; 63(1-2):57-72. <http://dx.doi.org/10.1016/j.ecss.2004.10.010> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- Gannon DP, Barros NB, Nowacek DP, Read AJ, Waples DM, Wells RS. 2005. Prey detection by bottlenose dolphins, *Tursiops truncatus*: an experimental test of the passive listening hypothesis. *Animal Behaviour*; 69:709-720. Accessed May 9, 2017.
- Gazda SK, Connor RC, Edgar PK, Cox F. 2005. A division of labour with role specialization in group-hunting bottlenose dolphins (*Tursiops truncatus*) off Cedar Key, Florida. *Proc. Biol. Sci.*; 272(1559):135-140. Accessed May 9, 2017.
- GBIF. 2012a. Occurrence Records for *Caprella scaura* (Templeton, 1836). Copenhagen, Denmark: Global Biodiversity Information Facility. <http://data.gbif.org/species/5178082/> Accessed July 15, 2015.
- GBIF. 2012b. Occurrence Records for *Corophium lacustre* (Vanhöffen, 1911). Copenhagen, Denmark: Global Biodiversity Information Facility. <http://data.gbif.org/species/2217325/> Accessed July 15, 2015.
- GBIF. 2012c. Occurrence Records for *Rangia cuneata* (G. B. Sowerby I, 1831). Copenhagen, Denmark: Global Biodiversity Information Facility. <http://data.gbif.org/species/5188971/> Accessed July 15, 2015.
- GBIF. 2012d. Occurrence Records for *Styela plicata* (Lesueur, 1823). Copenhagen, Denmark: Global Biodiversity Information Facility. <http://data.gbif.org/species/2331954/> Accessed July 15, 2015.
- Gelsleichter J, Walsh CJ, Szabo NJ, Rasmussen LEL. 2006. Organochlorine Concentrations, Reproductive Physiology, and Immune Function in Unique Populations of Freshwater Atlantic Stingrays (*Dasyatis sabina*) from Florida's St. Johns River. *Chemosphere*; 63(9):1506-1522. <http://dx.doi.org/10.1016/j.chemosphere.2005.09.011> Accessed July 15, 2015.
- Gerstein ER, Blue JE, Pinto GF, Barr S. 2006. Underwater Noise Radiation from Dredging and the Zones of Masking that Impact Manatee Hearing in the Lower St. Johns River, Jacksonville, FL. Jacksonville (FL): City of Jacksonville (COJ), Jacksonville Waterways Commission (JWC). <https://sjrda.unf.edu/items/view/sjrda:279> Accessed July 15, 2015.
- Giblin AE, Bourg A, Valiela I, Teal JM. 1980. Uptake and Losses of Heavy Metals in Sewage Sludge by a New England Salt Marsh. *American Journal of Botany*; 67(7):1059-1068. <http://www.jstor.org/stable/2442198> Accessed July 15, 2015.
- Gibson QA. 2017. *Personal Communication* to Borkowski R.
- Gibson QA, Daigle K. 2015. Reproductive success in estuarine bottlenose dolphins (*Tursiops truncatus*) following an unusual mortality event (Abstract). Society for Marine Mammalogy Annual Conference. San Francisco (CA). <https://www.marinemammalscience.org/conference-schedule/program-highlights-and-special-events/> Accessed May 9, 2017.
- Gilg MR, Howard R, Turner R, Middlebrook M, Abdunour M, Lukaj E, Sheng P, Liu T, Tutak B. 2014. Estimating the dispersal capacity of the introduced green mussel, *Perna viridis* (Linnaeus, 1758), from field collections and oceanographic modeling. *Journal of Experimental Marine Biology and Ecology*; 461(233-242). <http://dx.doi.org/10.1016/j.jembe.2014.08.004> Accessed July 15, 2015.
- Gilg MR, Lukaj E, Abdunour M, Gonzalez E, Middlebrook M, Turner R, Howard R. 2010. Spatio-Temporal Settlement Patterns of the Non-native Titan Acorn Barnacle, *Megabalanus coccopoma*, in Northeastern Florida. *Journal of Crustacean Biology*; 30(1):146-150. <http://dx.doi.org/10.1651/09-3148.1> Accessed July 15, 2015.
- Gilliom RJ, Barbash JE, Crawford CG, Hamilton PA, Martin JD, Nakagaki N, Nowell LH, Scott JC, Stackelberg PE, Thelin GP, Wolock DM. 2006. Pesticides in the Nation's Streams and Ground Water, 1992-2001 (Revised February 2007). Washington (DC): U.S. Geological Survey (USGS). <http://pubs.usgs.gov/circ/2005/1291/pdf/circ1291.pdf> Accessed July 15, 2015.
- Gipson J. 2014. Fisherman. *Personal Communication* to Pinto G.

- GLD&D. 2001. Future Opportunities: \$31.6-million Deepening Funded for Jacksonville. Oak Brook (IL): Great Lakes Dredge & Dock Company. <https://sjrda.unf.edu/items/view/sjrda:283> Accessed July 15, 2015.
- Goff K. 2010. *Personal Communication* to Sonnenberg L.
- Goldberg N, Reiss KC. 2016. Accounting for Wetland Loss: Wetland Mitigation Trends in Northeast Florida 2006-2013. *Wetlands*; 36(2):73-384. Accessed May 25, 2016.
- Gordon D. 1997. *Toxins and Signal Transduction*. Amsterdam: Harwood. 978-9057020780 Sodium Channels as Targets for Neurotoxins: Mode of Action and Interaction of Neurotoxins with Receptor Sites on Sodium Channels. p 119-149. <https://www.crcpress.com/Toxins-and-Signal-Transduction/Gutman-Lazarovici/9789057020780> Accessed July 15, 2015.
- Gordon DR. 1998. Effects of Invasive, Non-Indigenous Plant Species on Ecosystem Processes: Lessons Learned from Florida. *Ecological Applications*; 8(4):975-989. <http://www.esajournals.org/doi/abs/10.1890/1051-0761%281998%29008%5B0975%3AE0INIP%5D2.0.CO%3B2> Accessed July 15, 2015.
- Graf DL. 2013. *Phylum Nemertea*. Stevens Point, WI: University of Wisconsin-Stevens Point. <http://winvertebrates.uwsp.edu/Nemertea.html> Accessed July 15, 2015.
- Granberry J. 1956. Timucua I: Prosodics and Phonemics of the Mocama Dialect. *International Journal of American Linguistics*; 22(2):97-105. <http://www.jstor.org/stable/1263585> Accessed July 15, 2015.
- Granberry J. 1993. *A Grammar and Dictionary of the Timucua Language*. 3rd. Tuscaloosa (AL): The University of Alabama Press. p 320 ISBN: 978-0817307042. <https://sjrda.unf.edu/items/forward/sjrda:286> Accessed July 15, 2015.
- Gray JS, Waldichuk M, Newton AJ, Berry RJ, Holden AV, Pearson TH. 1979. Pollution-Induced Changes in Populations. *Philosophical Transactions of the Royal Society of London B*; 286(1015):545-561. <http://dx.doi.org/10.1098/rstb.1979.0045> Accessed July 15, 2015.
- Green EJ, Carritt DE. 1967. New Tables for Oxygen Saturation of Seawater. *Journal of Marine Research*; 25(2):140-147. Accessed July 15, 2015.
- Groom MJ, Meffe GK, Carroll CR. 2006. *Principles of Conservation Biology*. 3rd edition. Sunderland (MA): Sinauer Associates, Inc. p 699 ISBN: 978-0-878-93518-5. <http://www.sinauer.com/catalog/biology/principles-of-conservation-biology.html> Accessed July 15, 2015.
- Grosell M, Blanchard J, Brix KV, Gerdes R. 2007. Physiology is Pivotal for Interactions Between Salinity and Acute Copper Toxicity to Fish and Invertebrates. *Aquatic Toxicology*; 84(2):162-172. <http://dx.doi.org/10.1016/j.aquatox.2007.03.026> Accessed July 15, 2015.
- Grosell M, Gerdes R, Brix KV. 2006. Influence of Ca, Humic acid and pH on Lead Accumulation and Toxicity in the Fathead Minnow During Prolonged Water-borne Lead Exposure. *Comparative Biochemistry and Physiology - Part C: Toxicology & Pharmacology*; 143(4):473-483. <http://dx.doi.org/10.1016/j.cbpc.2006.04.014> Accessed July 15, 2015.
- Gross TS, Burgess OT. 2015. Lower St. Johns River Biological Community Monitoring - Post Discharge Relocation Report. Accessed April 1, 2016.
- GSMFC. 2010. *Non-Native Aquatic Species in the Gulf of Mexico and South Atlantic Regions*. Ocean Springs (MS): Gulf States Marine Fisheries Commission (GSMFC). <http://www.gsarp.org/> Accessed July 15, 2015.
- Gubbins CM, Caldwell M, Barco SG, Rittmaster K, Bowles N, Thayer V. 2003. Abundance and sighting patterns of bottlenose dolphins (*Tursiops truncatus*) at four northwest Atlantic coastal sites. *J. Cetacean Res. Manage.*; 5(2):141-147. Accessed May 10, 2017.

LOWER SJR REPORT 2017 – REFERENCES

- Guillette Jr. LJ, Brock JW, Rooney AA, Woodward AR. 1999. Serum Concentrations of Various Environmental Contaminants and Their Relationship to Sex Steroid Concentrations and Phallus Size in Juvenile American Alligators. *Archives of Environmental Contamination and Toxicology*; 36(4):447-455. <http://dx.doi.org/10.1007/PL00006617> Accessed July 15, 2015.
- Guillette Jr. LJ, Gross TS, Masson GR, Matter JM, Percival HF, Woodward AR. 1994. Developmental Abnormalities of the Gonads and Abnormal Hormone Concentrations in Juvenile Alligators from Contaminated and Control Lakes in Florida. *Environmental Health Perspectives*; 102(8):680-688. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1567320/> Accessed July 15, 2015.
- Gulland FMD. 2006. Review of the Marine Mammal Unusual Mortality Event Response Program of the National Marine Fisheries Service. Sausalito (CA): National Oceanic and Atmospheric Administration (NOAA), U.S. Department of Commerce. http://www.nmfs.noaa.gov/pr/pdfs/health/mmume_review.pdf Accessed May 9, 2017.
- Guzman HM, Jimenez CE. 1992. Contamination of Coral Reefs by Heavy Metals Along the Caribbean Coast of Central America (Costa Rica and Panama). *Marine Pollution Bulletin*; 24(11):554-561. <http://www.sciencedirect.com/science/article/pii/0025326X9290708E> Accessed July 15, 2015.
- Hackney CT. 2015. St. Johns River Economic Study. Jacksonville (FL): University of North Florida (UNF), Coastal Biology Program. http://floridaswater.com/stjohnsriver/pdfs/St._Johns_River_Economic_Study.pdf Accessed July 15, 2015.
- Hagen SC, Zundel AK, Kojima S. 2006. Automatic, Unstructured Mesh Generation for Tidal Calculations in a Large Domain. *International Journal of Computational Fluid Dynamics*; 20(8):593-608. <http://dx.doi.org/10.1080/10618560601046846> Accessed July 15, 2015.
- Hallegraeff GM, Bolch CJ. 1991. Transport of Toxic Dinoflagellate Cysts via Ships' Ballast Water. *Marine Pollution Bulletin*; 22(1):27-30. <http://www.sciencedirect.com/science/article/pii/0025326X9190441T> Accessed July 15, 2015.
- Hallegraeff GM, Bolch CJ, Bryan J, Koerbin B. 1990. Microalgal Spores in Ship's Ballast Water: A Danger to Aquaculture. Graneli E, Sundstrom B, Edler L, Anderson D M e. Fourth International Conference on Toxic Marine Phytoplankton. Lund (Sweden). <http://www.amazon.com/dp/044401523X> Accessed July 15, 2015.
- Hamrick JM. 1992. A Three-Dimensional Environmental Fluid Dynamics Computer Code: Theoretical and Computational Aspects. Gloucester Point (VA): College of William and Mary, Virginia Institute of Marine Science. <http://www.vims.edu/GreyLit/VIMS/sramsoe317.pdf> Accessed July 15, 2015.
- Hankla D. 2007. U.S. Fish and Wildlife Service Announces Availability of the Wood Stork Five-Year Review. Jacksonville (FL): U.S. Fish and Wildlife Service (USFWS), North Florida Field Office. <http://www.fws.gov/northflorida/Releases-07/005-07-Availability-of-Wood-stork-Five-Year-Reviews-092807.htm> Accessed July 15, 2015.
- Harper HH, Baker DM. 2007. Evaluation of Current Stormwater Design Criteria within the State of Florida. Orlando (FL): Florida Department of Environmental Protection (DEP) and Environmental Research & Design Inc. http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/SW_TreatmentReportFinal_71907.pdf Accessed July 15, 2015.
- Harrington D, Maddox G, Hicks R. 2010. Florida Springs Initiative Monitoring Network Report and Recognized Sources of Nitrate. Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/springs/reports/files/springs_report_102110.pdf Accessed July 15, 2015.
- Hart C. 2012. *Personal Communication* to Pinto G.
- Hartley W. 2016. Park Service Specialist. *Personal Communication* to Pinto G.

LOWER SJR REPORT 2017 – REFERENCES

- Hefner JM. 1986. Wetlands in Florida: 1950's to 1970's. Estevez E D, Miller J, Morris J, Hamman R e. Managing Cumulative Effects in Florida Wetlands. Madison (WI). <http://www.fws.gov/wetlands/Documents/Wetlands----of----Florida----1950s----to----1970s.pdf> Accessed July 15, 2015.
- Helsel D. 2005. More Than Obvious: Better Methods for Interpreting Nondetect Data. *Environmental Science and Technology*; 39(20):419A-423A. <http://dx.doi.org/10.1021/es053368a> Accessed July 15, 2015.
- Hendrickson J. 2006. The St. Johns River: Water Resource and Pollution Issues. A Seminar for Journalists. Palatka (FL): St. Johns River Water Management District (SJRWMD). <https://sjrda.unf.edu/items/view/sjrda:301> Accessed July 15, 2015.
- Hendrickson J. 2008. Environmental Scientist VI. *Personal Communication* to Welsh P.
- Hendrickson J. 2011. Environmental Scientist VI. *Personal Communication* to Sonnenberg L.
- Hendrickson J. 2013. Environmental Scientist VI. *Personal Communication* to Sonnenberg L.
- Hendrickson J. 2014. Environmental Scientist VI. *Personal Communication* to Pinto G.
- Hendrickson J, Konwinski J. 1998. Seasonal Nutrient Import-Export Budgets for the Lower St. Johns River, Florida. Palatka (FL): St. Johns River Water Management District (SJRWMD). http://waterinstitute.ufl.edu/WorkingGroups/TCAA/downloads/Hendrickson_and_Konwinski_1998.pdf Accessed July 15, 2015.
- Hersh SL, Duffield DA. 1990. Leatherwood S, Reeves R R. The Bottlenose Dolphin. San Diego (CA): Academic Press. Distinction between northwest Atlantic offshore and coastal bottlenose dolphins based on hemoglobin profile and morphometry. p 129-139. Accessed May 9, 2017.
- Higman JC, Hart C, Tallerico J, Baird S, Campbell D. 2013. The Lower St. Johns River Basin Sediment Quality Atlas: Riverbed Sediment Characteristics and Contaminant Concentrations. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/technicalreports/pdfs/SP/SJ2013-SP4.pdf> Accessed July 15, 2015.
- Hill JE, Sowards J. 2015. Successful eradication of the non-native loridcariid catfish *Pterygoplichthys disjunctivus* from the Rainbow River, Florida. *Managemt Biol Inv.*; 6(311-317). http://www.reabic.net/journals/mbi/2015/Accepted/MBI_2015_Hill_Sowards_correctedproof.pdf Accessed July 15, 2015.
- Hoang TC, Tomasso JR, Klaine SJ. 2004. Influence of Water Quality and Age on Nickel Toxicity to Fathead Minnows (*Pimephales promelas*). *Environmental Toxicology and Chemistry*; 23(1):86-92. <http://dx.doi.org/10.1897/03-11> Accessed July 15, 2015.
- Hodson PV, Blunt BR, Spry DJ. 1978. Chronic Toxicity of Water-borne and Dietary Lead to Rainbow Trout (*Salmo gairdneri*) in Lake Ontario Water. *Water Research*; 12(10):869-878. <http://www.sciencedirect.com/science/article/pii/0043135478900398> Accessed July 15, 2015.
- Hong LM. 2016. City Trying to Retrieve \$4M from Firm. Jacksonville (FL): Florida Times Union. <http://jacksonville.com/metro/2016-12-08/attorneys-working-get-back-4-million-auditors-say-firm-owes-city-hall> Accessed March 10, 2017.
- Horak D. 1995. Native and Nonnative Fish Species Used in State Fisheries Management Programs in the United States. Schramm H L, Piper R G e. American Fisheries Society Symposium on Uses and Effects of Cultured Fishes in Aquatic Ecosystems. Albuquerque (NM). <http://www.amazon.com/dp/0913235911> Accessed July 15, 2015.
- Hough P, Robertson M. 2009. Mitigation Under Section 404 of the Clean Water Act: Where it Comes From, What it Means. *Wetlands Ecology and Management*; 17(1):15-33. <http://dx.doi.org/10.1007/s11273-008-9093-7> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- Houston JR, Dean RG. 2014. Shoreline Change on the East Coast of Florida. *Journal of Coastal Research*; 30(4):647-660. <http://dx.doi.org/10.2112/ICOASTRES-D-14-00028.1> Accessed July 15, 2015.
- Humann P, Deloach N. 2011. Reef Creature Identification: Florida Caribbean Bahamas. 5th edition. Jacksonville (FL): New World Publications. p ISBN: 978-1878348319. http://www.fishid.com/nwp/index.php?main_page=product_info&cPath=1&products_id=3 Accessed July 15, 2015.
- Hutchinson GE. 1944. Nitrogen in the Biogeochemistry of the Atmosphere. *American Scientist*; 32(3):178-195. <http://www.jstor.org/stable/29773619> Accessed July 15, 2015.
- Hyland JL, Van Dolah RF, Snoots TR. 1999. Predicting Stress in Benthic Communities of Southeastern U.S. Estuaries in Relation to Chemical Contamination of Sediments. *Environmental Toxicology and Chemistry*; 18(11):2557-2564. <http://dx.doi.org/10.1002/etc.5620181124> Accessed July 15, 2015.
- Hymel SN. 2009. Inventory of marine and estuarine benthic macroinvertebrates for nine Southeast Coast Network parks. Natural Resource Reports. Fort Collins (CO): National Park Service (NPS). <http://irmafiles.nps.gov/reference/holding/151519> Accessed July 15, 2015.
- Hyslop NL. 2007. Movements, Habitat Use, and Survival of the Threatened Eastern Indigo Snake (*Drymarchon couperi*) in Georgia. Athens (GA): University of Georgia. <http://hdl.handle.net/10724/23871> Accessed July 15, 2015.
- Hyslop NL, Cooper RJ, Meyers JM. 2009a. Seasonal Shifts in Shelter and Microhabitat Use of *Drymarchon couperi* (Eastern Indigo Snake) in Georgia. *Copeia*; 3:458-464. <http://dx.doi.org/10.1643/CH-07-171> Accessed July 15, 2015.
- Hyslop NL, Meyers JM, Cooper RJ. 2006. Movements, Survival, and Habitat Use of the Threatened Eastern Indigo Snake (*Drymarchon couperi*) in Southeastern Georgia. Athens (GA): U.S. Geological Survey (USGS), Patuxent Wildlife Research Center. <https://sjrda.unf.edu/items/view/sjrda:308> Accessed July 15, 2015.
- Hyslop NL, Meyers JM, Cooper RJ, Morton TM. 2009b. Survival of Radio-Implanted *Drymarchon Couperi* (Eastern Indigo Snake) in Relation to Body Size and Sex *Herpetologica*; 65(2):199-206. <http://dx.doi.org/10.1655/08-004R1.1> Accessed July 15, 2015.
- Hyslop NL, Meyers JM, Cooper RJ, Stevenson DJ. 2009c. Indigo Snake Capture Methods: Effectiveness of Two Survey Techniques for *Drymarchon couperi* in Georgia. *Florida Scientist*; 72(2):93-100. <https://sjrda.unf.edu/items/forward/sjrda:310> Accessed July 15, 2015.
- IFAS. 2007. UF/IFAS Center for Aquatic and Invasive Plants. Gainesville (FL): University of Florida, Institute of Food and Agricultural Sciences (IFAS). <http://plants.ifas.ufl.edu/> Accessed July 15, 2015.
- IFAS. 2009. Trophic States of Florida Lakes. Gainesville (FL): University of Florida, Institute of Food and Agricultural Sciences (IFAS). <http://plants.ifas.ufl.edu/manage/overview-of-florida-waters/introduction> Accessed July 15, 2015.
- IFAS. 2013. Plant Management in Florida Waters: An Integrated Approach. Biological Control. Gainesville (FL): University of Florida, Institute of Food and Agricultural Sciences (IFAS). <http://plants.ifas.ufl.edu/manage/control-methods/biological-control> Accessed July 15, 2015.
- Incardona JP, Collier TK, Scholz NL. 2004. Defects in Cardiac Function Precede Morphological Abnormalities in Fish Embryos Exposed to Polycyclic Aromatic Hydrocarbons. *Toxicology and Applied Pharmacology*; 196(2):191-205. <http://dx.doi.org/10.1016/j.taap.2003.11.026> Accessed July 15, 2015.
- Inclan L. 2013. Algae Bloom in St. Johns River Causes Health Concerns. Jacksonville (FL): Action News Jacksonville. <https://sjrda.unf.edu/items/view/sjrda:773> Accessed July 15, 2015.

Jackson T. 2013. *Personal Communication* to Goldberg N.

Jacksonville Zoo. 2016. Biofacts: Bald Eagle. Jacksonville (FL): Jacksonville Zoo and Gardens. <http://www.jacksonvillezoo.org/listingDetails.aspx?listingID=6983&pageID=15580> Accessed April 1, 2016.

Jacksonville Zoo. 2017a. Biofacts: Bald Eagle. Jacksonville (FL): Jacksonville Zoo and Gardens. <http://www.jacksonvillezoo.org/listingDetails.aspx?listingID=6983&pageID=15580> Accessed March 10, 2017.

Jacksonville Zoo. 2017b. Wood Stork Conservation. Jacksonville (FL): Jacksonville Zoo and Gardens. <http://www.jacksonvillezoo.org/woodstorkconservation> Accessed March 10, 2017.

Jacoby CA. 2011. Environmental Scientist V. *Personal Communication* to Pinto G.

Jarvis TA, Miller RJ, Lenihan HS, Bielmyer GK. 2013. Toxicity of ZnO Nanoparticles to the Copepod *Acartia tonsa*, Exposed Through a Phytoplankton Diet. *Environmental Toxicology and Chemistry*; 32(6):1264-1269. <http://dx.doi.org/10.1002/etc.2180> Accessed July 15, 2015.

JAXPORT. 2007. JAXPORT Begins Construction of New TraPac Terminal. Jacksonville (FL): Jacksonville Port Authority (JAXPORT). <http://www.freightnet.com/release/1228.htm> Accessed July 1, 2008.

JAXPORT. 2008. Harbor Deepening. Jacksonville (FL): Jacksonville Port Authority (JAXPORT). <http://www.jaxport.com/corporate/major-growth-projects/harbor-deepening> Accessed July 15, 2015.

JAXPORT. 2016. Maritime Resources - Cargo Statistics. Jacksonville (FL): Jacksonville Port Authority (JAXPORT). <https://www.jaxport.com/newsroom/cargo-statistics> Accessed March 10, 2017.

JAXPORT. 2017. Cargo Statistics. Jacksonville (FL): Jacksonville Port Authority (JAXPORT). <https://www.jaxport.com/newsroom/cargo-statistics> Accessed March 10, 2017.

JAXUSA. 2017. JAXPORT's 2016 Year in Review. Jacksonville (FL): JAXUSA Partnership. <https://www.jaxport.com/newsroom/news/record-setting-year-for-jaxport-container-cargo-business> Accessed March 10, 2017.

JCCI. 2005. River Dance: Putting the River in River City. A Report to the Citizens of Northeast Florida. Jacksonville (FL): Jacksonville Community Council, Inc. (JCCI). <https://sjrda.unf.edu/items/forward/sjrda:688> Accessed July 15, 2015.

JHS. 2014. Reptile Found in Ocala Forest Concerns Experts. Ocala, FL: Ocala Star Banner. <http://www.ocala.com/article/20100516/ARTICLES/5161015> Accessed July 15, 2015.

Jin G, Englande A, Bradford H, Jeng H. 2004. Comparison of E.Coli, Enterococci, and Fecal Coliform as Indicators for Brackish Water Quality Assessment. *Water Environment Research*; 76(3):245-255. <http://www.ingentaconnect.com/content/wef/wer/2004/00000076/00000003/art00008> Accessed

Johnson EG, Swenarton MK. 2016. Age, Growth And Population Structure Of Invasive Lionfish (*Pterois volitans* Miles) In Northeast Florida Using A Length-Based, Age-Structured Population Model. DOI: DOI 10.7717/peerj.2730. <https://peerj.com/articles/2730.pdf> Accessed Access Date.

Johnson S, McGarrity M. 2013. Science: Tadpole Salinity Tolerance. *The Invader Update*; 5(4):2- http://ufwildlife.ifas.ufl.edu/InvaderUpdater/pdfs/InvaderUpdater_Winter2013.pdf Accessed July 15, 2015.

Jones RJ. 1997. Zooxanthellae Loss as a Bioassay for Assessing Stress in Corals. *Marine Ecology Progress Series*; 149(1):163-171. <http://dx.doi.org/10.3354/meps149163> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- Jones WW, Sauter S. 2005. Distribution and Abundance of *Cylindrospermopsis raciborskii* in Indiana Lakes and Reservoirs. Bloomington (IN): Indiana University, School of Public and Environmental Affairs. <https://sjrda.unf.edu/items/forward/sjrda:323> Accessed July 15, 2015.
- Jordan F. 2000. An Evaluation of Relationships Between Submerged Aquatic Vegetation and Fish Community Structure in the St. Johns River. Final Report. New Orleans (LA): Loyola University of New Orleans, Department of Biological Sciences. <https://sjrda.unf.edu/items/view/sjrda:325> Accessed July 15, 2015.
- Jordan F, Bartolini M, Nelson C, Patterson PE, Soulen HL. 1996. Risk of Predation Affects Habitat Selection by the Pinfish *Logodon rhomboids* (Linnaeus). *Journal of Experimental Marine Biology and Ecology*; 208(1-2):45-56. <http://www.sciencedirect.com/science/article/pii/S0022098196026561> Accessed July 15, 2015.
- JU. 2017. Jacksonville University Manatee Research Center Online (MARCO). Jacksonville (FL): Jacksonville University (JU). <http://www.ju.edu/marco/> Accessed March 10, 2017.
- Karami-Mohajeri S, Abdollahi M. 2011. Toxic Influence of Organophosphate, Carbamate, and Organochlorine Pesticides on Cellular Metabolism of Lipids, Proteins, and Carbohydrates: A Systematic Review. *Human & Experimental Toxicology*; 30(9):1119-1140. <http://dx.doi.org/10.1177/0960327110388959> Accessed July 15, 2015.
- Karen DJ, Joab BM, Wallin JM, Johnson KA. 1998. Partitioning of Chlorpyrifos Between Water and an Aquatic Macrophyte (*Elodea densa*). *Chemosphere*; 37(8):1579-1586. <http://www.sciencedirect.com/science/article/pii/S0045653598001416> Accessed July 15, 2015.
- Karen DJ, Klaine SJ, Ross PE. 2001. Further Considerations of the Skeletal System as a Biomarker of Episodic Chlorpyrifos Exposure. *Aquatic Toxicology*; 52(3-4):285-296. <http://www.sciencedirect.com/science/article/pii/S0166445X00001648> Accessed July 15, 2015.
- Karickhoff SW. 1981. Semi-Empirical Estimation of Sorption of Hydrophobic Pollutants on Natural Sediments and Soils. *Chemosphere*; 10(8):833-846. <http://www.sciencedirect.com/science/article/pii/0045653581900837> Accessed July 15, 2015.
- Katagi T. 2010. Whitacre D M. *Reviews of Environmental Contamination and Toxicology*. 204. New York (NY): Springer-Verlag. 978-1441914408 Bioconcentration, Bioaccumulation, and Metabolism of Pesticides in Aquatic Organisms. p 1-132. http://dx.doi.org/10.1007/978-1-4419-1440-8_1 Accessed July 15, 2015.
- Kelly NM. 2001. Changes to the Landscape Pattern of Coastal North Carolina Wetlands Under the Clean Water Act, 1984–1992. *Landscape Ecology*; 16(1):3-16. <http://dx.doi.org/10.1023/A:1008168322720> Accessed July 15, 2015.
- Kennedy TL, Horth LA, Carr DE. 2009. The Effects of Nitrate Loading on the Invasive Macrophyte *Hydrilla verticillata* and Two Common, Native Macrophytes in Florida. *Aquatic Botany*; 91(3):253-256. <http://dx.doi.org/10.1016/j.aquabot.2009.06.008> Accessed July 15, 2015.
- Kenney WF, Waters MN, Schelske CL, Brenner M. 2002. Sediment Records of Phosphorus-Driven Shifts to Phytoplankton Dominance in Shallow Florida Lakes. *Journal of Paleolimnology*; 27(3):367-377. <http://dx.doi.org/10.1023/A:1016075012581> Accessed July 15, 2015.
- Kennish MJ. 1997. *Pollution Impacts on Marine Biotic Communities*. Boca Raton (FL): CRC Press. p <https://www.crcpress.com/Pollution-Impacts-on-Marine-Biotic-Communities/Kennish/9780849384288> Accessed July 15, 2015.
- Kensley B. 1998. Estimates of Species Diversity of Free-living Isopod Crustaceans on Coral Reefs. *Coral Reefs*; 17(1):83-88. <http://dx.doi.org/10.1007/s003380050100> Accessed July 15, 2015.

- Keppner SM. 1995. U.S. Fish and Wildlife Service: National and Regional Responses to Non-Indigenous Aquatic Species. Balcom N C e. Proceedings of the Northeast Conference on Non-Indigenous Aquatic Nuisance Species. Cromwell (CT). Accessed July 15, 2015.
- Kiker CF, Hodges AW. 2002. Economic Benefits of Natural Land Conservation: Case Study in Northeast Florida. Gainesville (FL): University of Florida, Institute of Food and Agricultural Sciences (IFAS), Department Food and Resource Economics. <http://www.fred.ifas.ufl.edu/economic-impact-analysis/pdf/NE-Fla-Project-Final-Report.pdf> Accessed July 15, 2015.
- Kincaid T, Davies G, Werner C, DeHan R. 2012. Demonstrating the interconnection between a wastewater application facility and a first magnitude spring in a karstic watershed: Tracer study of the Southeast Farm Wastewater Reuse Facility, Tallahassee, Florida. Tallahassee (FL): Florida Department of Environmental Protection (DEP) and Florida Geological Survey (FGS). <http://ufdcimages.uflib.ufl.edu/AA/00/01/68/94/00001/AA00016894.pdf> Accessed July 15, 2015.
- Kinnaird MF. 1983a. Aerial Census of Manatee and Boats Over the Lower St. Johns River and the Intracoastal Waterway in Northeastern Florida. Site-Specific Reduction of Manatee Boat/Barge Mortality. Gainesville (FL): University of Florida, Florida Cooperative Fish and Wildlife Research Unit. <http://www.aquaticcommons.org/1085/> Accessed July 15, 2015.
- Kinnaird MF. 1983b. Site-Specific Analysis of Factors Potentially Influencing Manatee Boat/Barge Mortality. Site-Specific Reduction of Manatee Boat/Barge Mortality. Gainesville (FL): University of Florida, Florida Cooperative Fish and Wildlife Research Unit. <http://ufdc.ufl.edu/UF00073786/00001> Accessed August 15, 2015.
- Kitchen S. 2016. JEA, city of Jacksonville to spend \$30 million to reduce septic tanks. Jacksonville (FL): Florida Times Union. <http://jacksonville.com/news/metro/2016-04-04/story/jea-city-jacksonville-spend-30-million-reduce-septic-tanks> Accessed April 4, 2016.
- Klas ME. 2016. Regulators Want to Allow More Toxic Chemicals in Florida's Water. Tallahassee (FL): Miami Herald. <http://www.miamiherald.com/news/local/environment/article91731227.html> Accessed May 2, 2017.
- Kling HJ. 2004. *Cylindrospermopsis Raciborskii* (Nostocales, Cyanobacteria): A Brief Historic Overview and Recent Discovery in the Assiniboine River (Canada). *Fottea*; 9(1):45-47. <http://www.fottea.cz/pdfs/fot/2009/01/02.pdf> Accessed July 15, 2015.
- Kozelka PB, Bruland KW. 1998. Chemical Speciation of Dissolved Cu, Zn, Cd, Pb in Narragansett Bay, Rhode Island. *Marine Chemistry*; 60(3-4):267-282. <http://www.sciencedirect.com/science/article/pii/S0304420397001072> Accessed July 15, 2015.
- Kraemer GP, Chamberlain RH, Doering PH, Steinman AD, Hanisak MD. 1999. Physiological Responses of Transplants of the Freshwater Angiosperm *Vallisneria Americana* Along a Salinity Gradient in the Caloosahatchee Estuary (Southwestern Florida). *Estuaries and Coasts*; 22(1):138-148. <http://dx.doi.org/10.2307/1352934> Accessed July 15, 2015.
- Kramer JR, Benoit G, Bowles KC, DiToro DM, Herrin RT, Luther III GW, Manolopoulos H, Robillard KA, Shafer MM, Shaw JR. 2000. Andren A W, Bober T W. Silver in the Environment: Transport, Fate, and Effects. Pensacola (FL): Society of Environmental Toxicology and Chemistry (SETAC). 978-1880611449 Environmental Chemistry of Silver. p 1-25. <https://www.setac.org/store/ViewProduct.aspx?id=1037388> Accessed July 15, 2015.
- Krysko KL, Burgess JP, Rochford MR, Gillette CR, Cueva D, Enge KM, Somma LA, Stabile JL, Smith DC, Wasilewski JA, Kieckhefer III GN, Granatosky MC, Nielsen SV. 2011. Verified Non-Indigenous Amphibians and Reptiles in Florida from 1863 through 2010: Outlining the Invasion Process and Identifying Invasion Pathways and Stages. *Zootaxa*; 3028(1-64). http://www.flmnh.ufl.edu/museum-voices/kenney-krysko/files/2014/05/2011_Krysko_et_al_Verified_herps_in_Florida.pdf Accessed July 15, 2015.

- Kubatko EJ, Westerink JJ, Dawson C. 2006. *hp* Discontinuous Galerkin Methods for Advection Dominated Problems in Shallow Water Flow. *Computer Methods in Applied Mechanics and Engineering*; 196(1-3):437-451. <http://dx.doi.org/10.1016/j.cma.2006.05.002> Accessed July 15, 2015.
- Laane RWPM, Gieskes WWC, Kraay GW, Eversdijk A. 1985. Oxygen Consumption from Natural Waters by Photo-Oxidizing Processes. *Netherlands Journal of Sea Research*; 19(2):125-128. <http://www.sciencedirect.com/science/article/pii/007775798590016X> Accessed July 15, 2015.
- Laist DW, Taylor C, Reynolds III JE. 2013. Winter Habitat Preferences for Florida Manatees and Vulnerability to Cold. *PLoS ONE*; 8(3):e58978-<http://dx.doi.org/10.1371/journal.pone.0058978> Accessed July 15, 2015.
- Lamers LPM, Tomassen HBM, Roelofs JGM. 1998. Sulfate-Induced Eutrophication and Phytotoxicity in Freshwater Wetlands. *Environmental Science and Technology*; 32(2):199-205. <http://dx.doi.org/10.1021/es970362f> Accessed July 15, 2015.
- Landsberg JH, Hendrickson J, Tabuchi M, Kiryu Y, Williams BJ, Tomlinson M. 2015. A large scale chronic fish kill in the St. Johns River, Florida: A complex consequence of cyanobacterial blooms (Abstract). Fifth Florida Marine Mammal Health Conference. University of Florida, Gainesville (FL). <http://conference.ifas.ufl.edu/ae/marinemammal/documents/Marine Mammal - alpha order FINAL.pdf> Accessed May 9, 2017.
- Lane CR, Autrey BC, Jicha T, Lehto L, Elonen C, Siefert-Monson L. 2015. Denitrification Potential in Geographically Isolated Wetlands of North Carolina and Florida, USA. *Wetlands*; 35(3):459-<http://link.springer.com/article/10.1007/s13157-015-0633-7> Accessed December 28, 2015.
- Lane CR, D'Amico E. 2010. Calculating the Ecosystem Service of Water Storage in Isolated Wetlands using LiDAR in North Central Florida, USA. *Wetlands*; 30(5):967-977. <http://dx.doi.org/10.1007/s13157-010-0085-z> Accessed July 15, 2015.
- Lange T. 2010. Biological Scientist IV. *Personal Communication* to Sonnenberg L.
- Lawler HE. 1977. The Status of *Drymarchon Corais Couperi* (Holbrook), The Eastern Indigo Snake, in the Southeastern United States. *Herpetological Review*; 8(3):76-79. <https://sjrda.unf.edu/items/view/sjrda:352> Accessed July 15, 2015.
- Leal DR, Meiners RE. 2002. *Government vs. Environment*. Lanham (MD): Rowman & Littlefield Publishers. <http://www.rowmanlittlefield.com/ISBN/074252180X> Accessed July 15, 2015.
- Lee H. 2008. Webmaster. *Personal Communication* to McCarthy H.
- Lee H. 2012a. Mytella Charruana (d'Orbigny, 1846) Charrua Mussels in Duval Co., Florida. Jacksonville (FL): Jacksonville Shell Club. <http://www.jacksonvilleshells.org/012509.htm> Accessed July 15, 2015.
- Lee H. 2012b. Webmaster. *Personal Communication* to McCarthy H.
- Leendertse PC, Scholten MCT, Van Der Wal JT. 1996. Fate and Effects of Nutrients and Heavy Metals in Experimental Salt Marsh Ecosystems. *Environmental Pollution*; 94(1):19-29. <http://www.sciencedirect.com/science/article/pii/S0269749196001042> Accessed July 15, 2015.
- Levine N, Knudson T. 2012. Interactive Graphic: Animals Killed by Wildlife Services Nationwide. Sacramento, CA: The Sacramento Bee. <http://www.sacbee.com/news/investigations/wildlife-investigation/article2574588.html> Accessed July 15, 2015.
- Levine SN, Schindler DW. 1992. Modification of the N:P Ratio in Lakes by in Situ Processes. *Limnology and Oceanography*; 37(5):917-935. http://www.aslo.org/lo/toc/vol_37/issue_5/0917.pdf Accessed July 15, 2015.

- Lewis N, Mandrup-Poulsen J. 2009. Final TMDL Report: Lead TMDLs for Black Creek (WBIDs 2415B and 2415C) and Peters Creek (WBID 2444). Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/black-peters-lead-tmdl.pdf> Accessed July 15, 2015.
- Lindeman PV. 2008. *Sternotherus Carinatus* (Gray 1856) - Razorback Musk Turtle, Razor-Backed Musk Turtle. Conservation Biology of Freshwater Turtles and Tortoises: A Compilation Project of the IUCN/SSC Tortoise and Freshwater Turtle Specialist Group. Rhodin A G J, Pritchard P C H, Van Dijk P P et al. Lunenburg, MA: Chelonian Research Foundation. <http://dx.doi.org/10.3854/crm.5.012.carinatus.v1.2008> Accessed July 15, 2015.
- Lipscomb TP, Schulman FY, Moffett D, Kennedy S. 1994. Morbilliviral disease in Atlantic bottlenose dolphins (*Tursiops truncatus*) from the 1987-1988 epizootic. *Journal of Wildlife Diseases*; 30(4):567-571. Accessed May 9, 2017.
- Littlepage R. 2010. 'Green Monster' is Returning to St. Johns River. Jacksonville (FL): The Florida Times-Union, Jacksonville.com. <http://jacksonville.com/opinion/blog/400564/ron-littlepage/2010-05-09/green-monster%E2%80%99-returning-st-johns-river> Accessed April 2, 2017.
- Litz JA, Hughes CR, Garrison LP, Fieber LA, Rosel PE. 2012. Genetic structure of common bottlenose dolphins (*Tursiops truncatus*) inhabiting adjacent South Florida estuaries – Biscayne Bay and Florida Bay. *Journal of Cetacean Research and Management*; 12(1):107-111. Accessed May 9, 2017.
- Liu XH, Kabling MB, Bratos SM. 2013. Evaluation of the Impact on St. Johns River Circulation and Salinity for the Jacksonville Harbor Deepening Project. *Ports*; 2013(1):391-401. <http://dx.doi.org/10.1061/9780784413067.041> Accessed July 15, 2015.
- Lomolino MV. 1977. The Ecological Role of the Florida Manatee (*Trichechus manatus latirostris*) in Water Hyacinth-Dominated Ecosystems. Gainesville (FL): University of Florida. <http://uf.catalog.fcla.edu/permalink.jsp?20UF020568919> Accessed July 15, 2015.
- Long ER, MacDonald DD, Smith SL, Calder FD. 1995. Incidence of Adverse Biological Effects within Ranges of Chemical Concentrations in Marine and Estuarine Sediments. *Environmental Management*; 19(1):81-97. <http://dx.doi.org/10.1007/BF02472006> Accessed July 15, 2015.
- LSJR TAC. 2012. 2012 SJRWMD Field Science Team Field Observations. Jacksonville (FL): Lower St. Johns River (LSJR) Technical Advisory Committee (TAC). <http://www.lsjr.org/AlgalBloomInfo.html> Accessed July 15, 2015.
- Luettich RA, Westerink JJ, Schneffner NW. 1992. ADCIRC: An Advanced Three-Dimensional Circulation Model for Shelves, Coasts and Estuaries, I: Theory and Methodology of ADCIRC-2DDI and ADCIRC-3DL. Washington (DC): U.S. Army Corps of Engineers (USACE), Waterways Experiment Station. http://www.unc.edu/ims/adcirc/publications/1992/1992_Luettich02.pdf Accessed July 15, 2015.
- Ma LQ, Harris WG, Sartain J. 2000. Environmental Impacts of Lead Pellets at Shooting Ranges & Arsenical Herbicides On Golf Courses in Florida. Gainesville (FL): University of Florida, Institute of Food and Agricultural Sciences (IFAS), Florida Center for Hazardous Waste Management. <http://soils.ifas.ufl.edu/lqma/Publication/MA-00-R.pdf> Accessed July 15, 2015.
- MacDonald DD. 1994. Approach to the assessment of sediment quality in Florida coastal waters. 1. Tallahassee (FL): Florida Department of Environmental Protection (DEP). Chapter 6. Numerical Sediment Quality Assessment Guidelines for Florida Coastal Waters. Approach to the Assessment of Sediment Quality. p 48-75. <http://www.dep.state.fl.us/water/monitoring/docs/seds/vol1/chapter6.pdf> Accessed July 15, 2015.
- Mager EM, Grosell M. 2011. Effects of Acute and Chronic Waterborne Lead Exposure on the Swimming Performance and Aerobic Scope of Fathead Minnows (*Pimephales promelas*). *Comparative Biochemistry and Physiology - Part C: Toxicology & Pharmacology*; 154(1):7-13. <http://dx.doi.org/10.1016/j.cbpc.2011.03.002> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- Magley W. 2006a. TMDL Report: Fecal and Total Coliform TMDLs for Durbin Creek (WBID 2365). Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/tmdl_document2365.pdf Accessed July 15, 2015.
- Magley W. 2006b. TMDL Report: Fecal and Total Coliform TMDLs for the Cedar River (WBID 2262). Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/tmdl_document2262A.pdf Accessed July 15, 2015.
- Magley W. 2009a. Final TMDL Report: Dissolved Oxygen and Nutrient TMDLs for Trout River (WBID 2203). Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/MiddleTroutRiver-DO_TMDL.pdf Accessed July 15, 2015.
- Magley W. 2009b. Final TMDL Report: DO and Nutrient TMDLs for the Ortega River (WBID 2213P). Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/OrtegaDONutTMDL.pdf> Accessed June 17, 2016.
- Magley W. 2009c. Final TMDL Report: Nutrient TMDL for Arlington River, WBID 2265A. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/arlington-river-nutr-tmdl.pdf> Accessed July 15, 2015.
- Magley W. 2009d. TMDL Report: Dissolved Oxygen TMDL for Sixteen Mile Creek, WBID 2589. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/SixteenMileCreek-DO-TMDL.pdf> Accessed July 15, 2015.
- Magley W. 2009e. TMDL Report: DO and Nutrient TMDLs for Swimming Pen Creek (WBID 2410) and Nutrient TMDL for Doctors Lake (WBID 2389). Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/SwimmingPenDoctors-DONut-TMDL.pdf> Accessed July 15, 2015.
- Magley W. 2010. Final TMDL Report: Dissolved Oxygen and Nutrient TMDLs for Mill Creek (WBID 2460). Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/millcreek-donut-tmdl.pdf> Accessed July 15, 2015.
- Magley W, Joyner D. 2008. TMDL Report: Total Maximum Daily Load for Nutrients for the Lower St. Johns River. Tallahassee (FL): Florida Department of Environmental Protection (DEP), Watershed Assessment Section. <http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/lower-stjohns-nutrients.pdf> Accessed July 14, 2016.
- Mahmoudi B. 2005. A 2005 Update of the Stock Assessment for the Striped Mullet, *Mugil cephalus*, in Florida. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://myfwc.com/media/203452/stripedmullet_2005asse_1327.pdf Accessed July 15, 2015.
- Malecki LM, White JR, Reddy KR. 2004. Nitrogen and Phosphorus Flux Rates from Sediment in the Lower St. Johns River Estuary. *Journal of Environmental Quality*; 33(4):1545-1555. <http://dx.doi.org/10.2134/jeq2004.1545> Accessed July 15, 2015.
- Mann J, Sargeant BL, Watson-Capps JJ, Gibson QA, Heithaus MR, Connor RC, Patterson E. 2008. Why do dolphins carry sponges? . *PloS ONE*; 3(12). Accessed May 9, 2017.
- Mase-Guthrie B, Townsend F, McFee W, Manire C, Ewing RY, Pitchford T. 2005. Cases of prolonged freshwater exposure in dolphins along the Southeast United States (Poster Abstract). Society for Marine Mammalogy 16th Biennial Conference. San Diego (CA). <https://www.marinemammalscience.org/wp-content/uploads/2014/09/Abstracts-SMM-Biennial-San-Diego-2005.pdf> Accessed May 9, 2017.

- Mason Jr WT. 1998. Macroinvertebrate Monitoring in the Lower St. Johns River, Florida. *Environmental Monitoring and Assessment*; 50(2):101-130. <http://dx.doi.org/10.1023/A:1005802229832> Accessed July 15, 2015.
- Masterson J. 2007. Indian River Lagoon Inventory: *Megabalanus coccopoma*, Titan Acorn Barnacle. Fort Pierce (FL): Smithsonian Marine Station. http://www.sms.si.edu/irlspec/Megabalanus_coccopoma.htm Accessed July 15, 2015.
- Mattson RA, Cummins KW, Merritt RW, Montagna PA, Palmer T, Mace J, Slater J, Jacoby CA. 2012. St. Johns River Water Supply Impact Study: Chapter 11 - Benthic Macroinvertebrates. Palatka (FL): St. Johns River Water Management District (SJRWMD). http://floridaswater.com/technicalreports/pdfs/TP/SJ2012-1_Chapter11.pdf Accessed July 15, 2015.
- Mazzoil MS, McCulloch SD, Defran RH. 2005. Observations on the site fidelity of bottlenose dolphins (*Tursiops truncatus*) in the Indian River Lagoon, Florida. *Florida Scientist*; 68(4):217-227. Accessed May 9, 2017.
- McBride RS. 2000. Florida's Shad and River Herrings (*Alosa* species): A Review of Population and Fishery Characteristics. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://f50006a.eos-intl.net/ELIBSQL12_F50006A_Documents/Technical_Report_TR-5_R.pdf Accessed July 15, 2015.
- McCann JA, Arkin LN, Williams JD. 1996. Nonindigenous Aquatic and Selected Terrestrial Species of Florida: Status, Pathway and Time of Introduction, Present Distribution, and Significant Ecological and Economic Effects. Gainesville (FL): National Biological Service (NBS), Southeastern Biological Science Center. http://plants.ifas.ufl.edu/manage/sites/default/files/McCann_Arkin_Williams_1996-Nonindigenous.pdf Accessed July 15, 2015.
- McCann LD, Hitchcock NG, Winston JE, Ruiz GM. 2007. Non-native Bryozoans in Coastal Embayments of the Southern United States: New Records for the Western Atlantic. *Bulletin of Marine Science*; 80(2):319-342. <http://openurl.ingenta.com/content?genre=article&issn=0007-4977&volume=80&issue=2&spage=319&epage=342> Accessed July 15, 2015.
- McCarthy D. 2008. Associate Professor. *Personal Communication* to McCarthy H.
- McCarthy H (2011). Unpublished Data.
- McCloud L. 2010. *Personal Communication* to McCarthy D.
- McCully JG. 2006. Beyond the Moon: A Conversational, Common Sense Guide to Understanding the Tides. Hackensack (NJ): World Scientific Publishing. p 285 ISBN: 978-9812566447. <http://dx.doi.org/10.1142/9789812774330> Accessed July 15, 2015.
- McLane WM. 1955. The Fishes of the St. Johns River System. Gainesville (FL): University of Florida. <http://uf.catalog.fcla.edu/permalink.jsp?20UF000543250> Accessed July 15, 2015.
- McLaughlin DL, Kaplan DA, Cohen MJ. 2015. A significant nexus: Geographically isolated wetlands influence landscape hydrology. *Water Resources Research*; 50(9):7153-7163. http://www.watershedecology.org/uploads/1/2/7/3/12731039/mclaughlin_et_al._2014.pdf Accessed December 28, 2015.
- Mead JG, Potter CW. 1995. Recognizing two populations of the bottlenose dolphin (*Tursiops truncatus*) off the Atlantic coast of North America: Morphological and ecological considerations. *Int. Bio. Res. Inst. Rep.*; 5(31-43. Accessed May 12, 2017.
- Meindl CF. 2005. Davis J E, Arsenault R e. Paradise Lost? An Environmental History of Florida. Gainesville (FL): University Press of Florida. ISBN: 978-0813028262 Chapter 5: Water, Water Everywhere. p 113-140. <http://www.upf.com/book.asp?id=DAVISF05> Accessed July 15, 2015.

- Meybeck M. 1982. Carbon, Nitrogen, and Phosphorus Transport by World Rivers. *American Journal of Science*; 282(4):401-450. <http://dx.doi.org/10.2475/ajs.282.4.401> Accessed July 15, 2015.
- Meybeck M. 1993. Wollast R, Mackenzie F T, Chou L e. Interactions of C, N, P and S Biogeochemical Cycles and Global Change. Berlin (Germany): Springer-Verlag. ISBN: 978-3642760662 Natural Sources of C, N, P, and S. p 163-193. <http://www.springer.com/earth+sciences+and+geography/geography/book/978-3-642-76066-2> Accessed July 15, 2015.
- Milanich JT. 1995. Florida Indians and the Invasion from Europe. Gainesville (FL): University Press of Florida. p 304 ISBN: 978-0813016368. <http://www.upf.com/book.asp?id=MILANF95> Accessed July 15, 2015.
- Milanich JT. 1996. The Timucua. Hoboken (NJ): Wiley-Blackwell. p 256 ISBN: 978-0631218647. <http://www.wiley.com/WileyCDA/WileyTitle/productCd-0631218645.html> Accessed July 15, 2015.
- Milanich JT. 1997. Missions, Timucuans, and the Aucilla. *Aucilla River Times*; X(1):http://www.flmnh.ufl.edu/vertpaleo/auccilla10_1/missions.htm Accessed July 15, 2015.
- Milanich JT. 1998. Florida's Indians from Ancient Times to the Present. Gainesville (FL): University Press of Florida. p 224 ISBN: 978-0813015989. <http://www.upf.com/book.asp?id=MILANF98> Accessed July 15, 2015.
- Miller JJ. 1998. An Environmental History of Northeast Florida. Gainesville (FL): University Press of Florida. p 240 ISBN: 978-0813016009. <http://www.upf.com/book.asp?id=MILLES98> Accessed July 15, 2015.
- Mitchelmore CL, Verde EA, Ringwood AH, Weis VM. 2003. Differential Accumulation of Heavy Metals in the Sea Anemone *Anthopleura elegantissima* as a Function of Symbiotic State. *Aquatic Toxicology*; 64(3):317-329. <http://www.sciencedirect.com/science/article/pii/S0166445X03000559> Accessed July 15, 2015.
- Mitsch WJ, Gosselink JG. 2000. The Value of Wetlands: Importance of Scale and Landscape Setting. *Ecological Economics*; 35(200):25-33. <http://www.sciencedirect.com/science/article/pii/S0921800900001658> Accessed July 15, 2015.
- Miyamoto J, Matsuo M. 1990. Environmental Health Criteria No 94: Permethrin. Geneva (Switzerland): United Nations Environment Program, World Health Organization. <http://www.inchem.org/documents/ehc/ehc/ehc94.htm> Accessed July 15, 2015.
- Moler PE. 1985. Home Range and Seasonal Activity of the Eastern Indigo Snake, *Drymarchon corais couperi*, in Northern Florida. Tallahassee (FL): Florida Fish and Wildlife Conservation Commission (FWC), Wildlife Research Laboratory. <https://sjrda.unf.edu/items/view/sjrda:481> Accessed July 15, 2015.
- Moler PE. 1992. Moler P E. Rare and Endangered Biota of Florida: Volume III. Amphibians and Reptiles. Gainesville (FL): University Press of Florida. 978-0813011424 Eastern Indigo Snake (*Drymarchon corais couperi*). p 181-186. <http://www.upf.com/book.asp?id=MOLERF92> Accessed July 15, 2015.
- Montagna PA, Palmer TA, Pollack JB. 2011. St. Johns Estuary: Estuarine Benthic Macroinvertebrates Phase 2. A Final Report Submitted to the St. Johns River Water Management District. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/technicalreports/pdfs/SP/SJ2012-SP4.pdf> Accessed July 15, 2015.
- Monteiro PRR, Reis-Henriques MA, Coimbra J. 2000. Plasma Steroid Levels in Female Flounder (*Platichthys flesus*) after Chronic Dietary Exposure to Single Polycyclic Aromatic Hydrocarbons. *Marine Environmental Research*; 49(5):453-467. <http://www.sciencedirect.com/science/article/pii/S0141113699000859> Accessed July 15, 2015.
- Moody HL. 1970. Factors in the Decline of the Fishery of the St. Johns River, Florida: Report to the Florida Department of Air and Water Pollution Control Board. Tallahassee (FL): Florida Game and Fresh Water Fish Commission. Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- Moreno-Mateos D, Power ME, Comin FA, Yockteng R. 2012. Structural and Functional Loss in Restored Wetland Ecosystems. *PLoS Biology*; 10(1):e1001247-<http://dx.doi.org/10.1371/journal.pbio.1001247> Accessed July 15, 2015.
- Morris IV FW. 1995. Volume 3 of the Lower St. Johns River Basin Reconnaissance: Hydrodynamics and Salinity of Surface Water. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/technicalreports/pdfs/TP/SJ95-9.pdf> Accessed July 15, 2015.
- Mortimer CH. 1981. The Oxygen Content of Air-Saturated Freshwater Over Ranges of Temperature and Atmospheric Pressure of Limnological Interest. Stuttgart (Germany): Schweizerbart Science Publishers. p 23 ISBN: 978-3510520220. <http://www.schweizerbart.de/publications/detail/isbn/351052022X> Accessed July 15, 2015.
- Moskowitz H, Herrmann R, Zlotkin E, Gordon D. 1994. Variability Among Insect Sodium Channels Revealed by Binding of Selective Neurotoxins. *Insect Biochemical and Molecular Biology*; 24(1):13-19. <http://www.sciencedirect.com/science/article/pii/096517489490118X> Accessed July 15, 2015.
- Mulcrone RS. 2005. Animal Diversity Web: Echinodermata - Sea Stars, Sea Urchins, Sea Cucumbers, and Relatives. Ann Arbor, MI: University of Michigan. <http://animaldiversity.org/accounts/Echinodermata/> Accessed July 15, 2015.
- Muller RG, Bert TM, Gerhart SD. 2006. The 2006 Stock Assessment Update for the Stone Crab, *Menippe* spp., Fishery in Florida. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://myfwc.com/media/203200/sa_stone_crab_2006_0856.pdf Accessed July 15, 2015.
- Mullin KD, Barry K, Sinclair C, Litz J, Maze-Foley K, Fougères E. 2015. Common bottlenose dolphins (*Tursiops truncatus*) in Lake Pontchartrain, Louisiana: 2007 to mid-2014. Pascagoula (MS): National Oceanic and Atmospheric Administration (NOAA), U.S. Department of Commerce. https://docs.lib.noaa.gov/noaa_documents/NMFS/SEFSC/TM_NMFS_SEFSC/NMFS_SEFSC_TM_673.pdf Accessed May 12, 2017.
- Munyandorero J, Murphy MD, MacDonald TC. 2006. An Assessment of the Status of Sheepshead in Florida Waters Through 2004. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). <https://sjrda.unf.edu/items/forward/sjrda:465> Accessed July 15, 2015.
- Murphy MD, Chagaris D, Addis D. 2011. An Assessment of the Status of Spotted Seatrout in Florida Waters Through 2009. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://myfwc.com/media/1355905/Spotted_seatrout.pdf Accessed July 15, 2015.
- Murphy MD, McMillen-Jackson AL, Mahmoudi B. 2007. A Stock Assessment for the Blue Crab, *Callinectes sapidus*, in Florida Waters. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). http://myfwc.com/media/200959/bc_2007.pdf Accessed July 15, 2015.
- Murphy MD, Munyandorero J. 2008. A Stock Assessment of Red Drum, *Sciaenops ocellatus*, in Florida: Status of Stocks Through 2007. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). <http://myfwc.com/media/1353540/red-drum.pdf> Accessed July 15, 2015.
- Murphy MD, Taylor RG. 1990. Tag/Recapture and Age Validation of Red Drum in Florida. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). <http://myfwc.com/media/1353540/red-drum.pdf> Accessed July 15, 2015.
- Murray-Hudson M, Lane CR, North S, M.T. B. 2012. Macrophyte Species Distribution, Indices of Biotic Integrity, and Sampling Intensity in Isolated Florida Marshes. *Wetlands*; 32(3):449-460. <http://dx.doi.org/10.1007/s13157-012-0278-8> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- Myers P. 2001a. Animal Diversity Web: Cnidaria - Corals, Sea Anemones, Jellyfish, and Relatives. Ann Arbor, MI: University of Michigan. <http://animaldiversity.org/accounts/Cnidaria/> Accessed July 15, 2015.
- Myers P. 2001b. Animal Diversity Web: Insecta - Insects. Ann Arbor, MI: University of Michigan. <http://animaldiversity.org/accounts/Insecta> Accessed July 15, 2015.
- Myers P. 2001c. Animal Diversity Web: Porifera - Sponges. Ann Arbor, MI: University of Michigan. <http://animaldiversity.org/accounts/Porifera/> Accessed July 15, 2015.
- Myers RL, Ewel JJ. 1990. Ecosystems of Florida. Orlando (FL): University Press of Florida. <http://www.upf.com/book.asp?id=MYERSF90> Accessed July 15, 2015.
- Naumann E. 1929. The Scope and Chief Problems of Regional Limnology. International Review of Hydrobiology; 22(1):423-444. <http://dx.doi.org/10.1002/iroh.19290220128> Accessed July 15, 2015.
- Neff JM, Burns WA. 1996. Estimation of Polycyclic Aromatic Hydrocarbon Concentrations in the Water Column Based on Tissue Residues in Mussels and Salmon: An Equilibrium Partitioning Approach. Environmental Toxicology and Chemistry; 15(12):2240-2253. <http://dx.doi.org/10.1002/etc.5620151218> Accessed July 15, 2015.
- NEMESIS. 2014. National Exotic Marine and Estuarine Species Information System. Edgewater, MD: Smithsonian Environmental Research Center (SERC). <http://invasions.si.edu/nemesis/index.jsp> Accessed July 15, 2015.
- Newbold JD. 1992. Calow P, Petts G E. The Rivers Handbook. I. Hydrological and Ecological Principles. Oxford (England): Blackwell Science Publishers. 978-0632028327 Cycles and Spirals of Nutrients. p 379-408. http://www.limnology.uni-muenster.de/etc/experieco/lit/respiration/newbold_1992.pdf Accessed July 15, 2015.
- Newman WA, Abbott DP. 1980. Morris R H, Abbott D P, Haderlie E C. Intertidal Invertebrates of California. Stanford (CA): Stanford University Press. 978-0804710459 Cirripedia: The Barnacles. p 504-535. <http://www.amazon.com/dp/0804710457> Accessed July 15, 2015.
- News4JAX. 2014. DEP challenged over St. Marys water standards. Jacksonville (FL): News Service of Florida. <http://www.news4jax.com/news/florida/nassau-county/dep-challenged-over-st-marys-water-standards> Accessed June 27.
- News4JAX. 2015. Local boys catch their own 'River Monster'. Jacksonville (FL): News4JAX. <http://www.news4jax.com/news/local-boys-catch-their-own-river-monster/29821620> Accessed July 15, 2015.
- NFLB. 2017. 5th Annual Northeast Florida Lionfish Blast. Jacksonville (FL): <https://www.lionfishblast.com/> Accessed March 3, 2017.
- NFLT. 2016. North Florida Land Trust. Accessed March 10, 2017.
- Nixon SW. 1995. Coastal Marine Eutrophication: A Definition, Social Causes, and Future Concerns. Ophelia; 41(1):199-219. <http://www.tandfonline.com/doi/abs/10.1080/00785236.1995.10422044> Accessed July 15, 2015.
- NMFS. 1994. Report to Congress on Results of Feeding Wild Dolphins: 1989-1994. Silver Spring, MD: National Marine Fisheries Service (NMFS), Office of Protected Resources. http://www.nmfs.noaa.gov/pr/pdfs/education/dolphin_feeding.pdf Accessed July 4, 2017.
- NMFS. 1998. Recovery Plan for the Shortnose Sturgeon (*Acipenser brevirostrum*). Washington (DC): National Oceanic and Atmospheric Administration (NOAA), National Marine Fisheries Service (NMFS). http://www.nmfs.noaa.gov/pr/pdfs/recovery/sturgeon_shortnose.pdf Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- NOAA. 2007a. National Center for Coastal Monitoring and Assessment: Monitoring Data - Benthic Surveillance. National Oceanic and Atmospheric Administration (NOAA). http://ccma.nos.noaa.gov/about/coast/nsandt/benthic_surveillance.aspx Accessed July 15, 2015.
- NOAA. 2007b. National Center for Coastal Monitoring and Assessment: Monitoring Data - Mussel Watch. National Oceanic and Atmospheric Administration (NOAA). <http://ccma.nos.noaa.gov/about/coast/nsandt/musselwatch.aspx> Accessed July 15, 2015.
- NOAA. 2008. Screening Quick Reference Tables. Seattle (WA): National Oceanic and Atmospheric Administration (NOAA), Office of Response and Restoration. <http://response.restoration.noaa.gov/sites/default/files/SQuiRTs.pdf> Accessed July 15, 2015.
- NOAA. 2013. Download Environmental Sensitivity Index (ESI) Maps and GIS Data. Washington (DC): National Oceanic and Atmospheric Administration (NOAA), Office of Response and Restoration. <http://response.restoration.noaa.gov/maps-and-spatial-data/download-esi-maps-and-gis-data.html> - Florida Accessed July 1, 2014.
- NOAA. 2016a. Feeding or Harassing Marine Mammals in the Wild is Illegal and Harmful to the Animals Silver Spring, MD: National Oceanic and Atmospheric Administration (NOAA). <http://www.nmfs.noaa.gov/pr/dontfeedorharass.htm> Accessed July 4, 2017.
- NOAA. 2016b. Unmanned aircraft systems: Responsible use to help protect marine mammals. Silver Spring, MD: National Oceanic and Atmospheric Administration (NOAA). <http://www.nmfs.noaa.gov/pr/uas.html> Accessed July 4, 2017.
- NOAA. 2016c. US Atlantic and Gulf of Mexico Marine Mammal Stock Assessments – 2015. Common Bottlenose Dolphin (*Tursiops truncatus truncatus*) – Jacksonville Estuarine System Stock. NOAA Technical Memorandum NMFS-NE-238. Waring G T, Josephson E, Maze-Foley K, Rosel P E. Woods Hole, Massachusetts U.S. Department of Commerce National Oceanic and Atmospheric Administration (NOAA). http://www.nmfs.noaa.gov/pr/sars/pdf/atlantic2015_final.pdf Accessed May 10, 2017.
- NOAA. 2017a. 2016 Atlantic Hurricane Season. Miami (FL): National Oceanic and Atmospheric Administration (NOAA), National Hurricane Center. <http://www.nhc.noaa.gov/data/tcr/index.php?season=2016&basin=atl> Accessed March 10, 2017.
- NOAA. 2017b. Bottlenose dolphin *Tursiops truncatus* species description. Washington (DC): National Oceanic and Atmospheric Administration (NOAA). <http://www.nmfs.noaa.gov/pr/species/mammals/dolphins/bottlenose-dolphin.html> Accessed May 12, 2017.
- NOAA. 2017c. Common bottlenose dolphin (*Tursiops truncatus truncatus*): Western North Atlantic Offshore Stock In: US Atlantic and Gulf of Mexico Marine Mammal Stock Assessments – 2016. NOAA Technical Memorandum NMFS-NE-241 Hayes S A, Josephson E, Maze-Foley R, PE (Eds). Woods Hole, Massachusetts: National Oceanic and Atmospheric Administration (NOAA). <http://www.nefsc.noaa.gov/publications/tm/tm241/tm241.pdf> Accessed July 7, 2017.
- NOAA. 2017d. Marine Mammal Unusual Mortality Events. Washington (DC): National Oceanic and Atmospheric Administration (NOAA). <http://www.nmfs.noaa.gov/pr/health/mmume/events.html> Accessed March 3, 2017.
- NOAA. 2017e. PORTS® (Physical Oceanographic Real-Time System). Washington (DC): National Oceanic and Atmospheric Administration (NOAA). <https://tidesandcurrents.noaa.gov/ports.html> Accessed March 3, 2017.
- Novitski RP. 1985. The Effects of Lakes and Wetlands on Flood Flows and Base Flows in Selected Northern and Eastern States. Groman H A e. Wetlands Of The Chesapeake. Easton (MD). Accessed July 15, 2015.

- NRC. 1995. Understanding Marine Biodiversity. Washington (DC): National Academies Press (NAP), National Research Council (NRC). p 128 ISBN: 978-0309083973. <http://www.nap.edu/catalog/4923/understanding-marine-biodiversity> Accessed July 15, 2015.
- NRC. 1996. Stemming the Tide: Controlling Introductions of Nonindigenous Species by Ships' Ballast Water. Washington (DC): National Academies Press, National Research Council (NRC). p 160 ISBN: 978-0309055376. <http://www.nap.edu/catalog/5294/stemming-the-tide-controlling-introductions-of-nonindigenous-species-by-ships> Accessed July 15, 2015.
- NRC. 2000. Clean Coastal Waters: Understanding and Reducing the Effects of Nutrient Pollution. Washington (DC): National Academies Press, National Research Council (NRC). p 405 ISBN: 978-0309069489. <http://www.nap.edu/catalog/9812/clean-coastal-waters-understanding-and-reducing-the-effects-of-nutrient> Accessed July 15, 2015.
- NRC. 2001. Compensating for Wetland Losses Under the Clean Water Act. Washington (DC): National Academies Press (NAP), National Research Council (NRC). p ISBN: 978-0309074322. <http://www.nap.edu/catalog/10134/compensating-for-wetland-losses-under-the-clean-water-act> Accessed July 15, 2015.
- NRC. 2002. Predicting Invasions of Nonindigenous Plants and Plant Pests. Washington (DC): National Academies Press (NAP), National Research Council (NRC). p ISBN: 978-0309082648. <http://www.nap.edu/catalog/10259/predicting-invasions-of-nonindigenous-plants-and-plant-pests> Accessed July 15, 2015.
- NRC. 2011. Review of the St. Johns River Water Supply Impact Study: Final Report. Washington (DC): National Academies Press (NAP), National Research Council (NRC). p ISBN: 978-0309225670. <http://www.nap.edu/catalog/13314/review-of-the-st-johns-river-water-supply-impact-study> Accessed July 15, 2015.
- NRC (2012). Review of the St. Johns River Water Supply Impact Study: Final Report) Washington (DC), National Academis Press (NAP), National Research Council (NRC).
- Nriagu JO. 1980. Nickel in the Environment. New York (NY): Wiley Interscience. ISBN: 9780471058854 Global Cycle and Properties of Nickel. p 1-26. <http://www.amazon.com/dp/0471058858> Accessed July 15, 2015.
- O'Connor TP, Lauenstein GG. 2006. Trends in Chemical Concentrations in Mussels and Oysters Collected Along the U.S. Coast: Update to 2003. Marine Environmental Research; 62(4):261-285. <http://dx.doi.org/10.1016/j.marenvres.2006.04.067> Accessed July 15, 2015.
- OSHA. 2017. Beryllium. Washington (DC): Occupational Safety and Health Administration (OSHA), United States Department of Labor. <https://www.osha.gov/SLTC/beryllium/> Accessed May 2, 2017.
- Ouyang Y, Higman JC, Hatten J. 2012. Estimation of Dynamic Load of Mercury in a River with BASINS-HSPF Model. Journal of Soils and Sediments; 12(2):207-216. <http://dx.doi.org/10.1007/s11368-011-0426-4> Accessed July 15, 2015.
- Ouyang Y, Nkedi-Kizza P, Mansell RS, Ren JY. 2003. Spatial Distribution of DDT in Sediments from Estuarine Rivers of Central Florida. Journal of Environmental Quality; 32(5):1710-1716. <http://dx.doi.org/10.2134/jeq2003.1710> Accessed July 15, 2015.
- Ouyang Y, Nkedi-Kizza P, Wu QT, Shinde D, Huang CH. 2006. Assessment of Seasonal Variations in Surface Water Quality. Water Research; 40(20):3800-3810. <http://dx.doi.org/10.1016/j.watres.2006.08.030> Accessed July 15, 2015.
- Ouyang Y, Zhang JE, Cui L. 2014. Estimating Impacts of Land Use on Groundwater Quality Using Trilinear Analysis. Environmental Monitoring and Assessment; 186(9):5353-5362. <http://dx.doi.org/10.1007/s10661-014-3784-8> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- Pane EF, Richards JG, Wood CM. 2003. Acute Waterborne Nickel Toxicity in the Rainbow Trout (*Oncorhynchus mykiss*) Occurs by a Respiratory Rather Than Ionoregulatory Mechanism. *Aquatic Toxicology*; 63(1):65-82. <http://dx.doi.org/10.1016/S0166-445X%2802%2900131-5> Accessed July 15, 2015.
- Patterson S. 2013. Riverkeeper: Stay Away from the St. Johns. Jacksonville (FL): Florida Times Union. <http://jacksonville.com/news/premium-news/2013-10-09/story/st-john-river-tests-show-algae-toxins-far-above-un-standards> Accessed July 15, 2015.
- Pearson TH, Rosenberg R. 1978. Oceanography and Marine Biology. An Annual Review. 16. Boca Raton (FL): CRC Press. Macrobenthic Succession in Relation to Organic Enrichment and Pollution of The Marine Environment. p 229-311. <http://www.researchgate.net/publication/243785865> Accessed July 15, 2015.
- Peltier H, Dabin W, Daniel P, Van Canney O, Dorémus G, Huon M, Ridoux V. 2012. The significance of stranding data as indicators of cetacean populations at sea: Modelling the drift of cetacean carcasses *Ecological Indicators*; 18(278-290). <https://www.researchgate.net/publication/244483532> [The significance of stranding data as indicators of cetacean populations at sea Modelling the drift of cetacean carcasses](https://www.researchgate.net/publication/244483532) Accessed July 4, 2017.
- Phillips BM, Anderson BS, Voorhees JP, Hunt JW, Holmes RW, Mekebri A, Connor V, Tjeerdema RS. 2010. The Contribution of Pyrethroid Pesticides to Sediment Toxicity in Four Urban Creeks in California, USA. *Journal of Pesticide Science*; 35(3):302-309. <http://dx.doi.org/10.1584/jpestics.G10-34> Accessed July 15, 2015.
- Phlips EJ, Bledsoe E, Cichra M, Badylak S, Frost J. 2002. The Distribution of Potentially Toxic Cyanobacteria in Florida. Johnson D, Harbison R D e. *Proceedings of Health Effects of Exposure to Cyanobacteria Toxins: State of the Science*. Sarasota (FL). <https://sjrda.unf.edu/items/view/sjrda:493> Accessed July 15, 2015.
- Phlips EJ, Cichra M, Aldridge FJ, Jembeck J, Hendrickson J, Brody RW. 2000. Light Availability and Variations in Phytoplankton Standing Crops in a Nutrient-rich Blackwater River. *Limnology and Oceanography*; 45(4):916-929. http://www.aslo.org/lo/pdf/vol_45/issue_4/0916.pdf Accessed July 15, 2015.
- Phlips EJ, Hendrickson J, Quinlan EL, Cichra M. 2007. Meteorological Influences on Algal Bloom Potential in a Nutrient-rich Blackwater River. *Freshwater Biology*; 52(11):2141-2155. <http://dx.doi.org/10.1111/j.1365-2427.2007.01844.x> Accessed July 15, 2015.
- Piehler MF, Dyble J, Moisaner PH, Chapman AD, Hendrickson J, Paerl HW. 2009. Interactions Between Nitrogen Dynamics and Phytoplankton Community in Lake George. *Lake and Reservoir Management*; 25(1):1-14. <http://dx.doi.org/10.1080/07438140802714288> Accessed July 15, 2015.
- Pierce RH, Dixon LK, Brown RC, Rodrick G. 1988. Characterization of Baseline Conditions of the Physical, Chemical and Microbiological Environments in the St. Johns River Estuary. Sarasota (FL): Mote Marine Laboratory. <https://dspace.mote.org:8443/dspace/bitstream/2075/23/1/128.pdf> Accessed July 15, 2015.
- Pinto GF. 2007. *Personal Communication* to Borkowski R.
- Power A, Mitchell MA, Walker R, Posey M, Alphin T, Belcher C. 2006. Baseline Port Surveys for Introduced Marine Molluscan, Crustacean and Polychaete Species in the South Atlantic Bight. Savannah (GA): University of Georgia (UGA), Georgia Sea Grant. http://georgiaseagrant.uga.edu/images/uploads/media/Port_Survey.pdf Accessed July 15, 2015.
- Purdum ED. 2002. Florida Waters: A Water Resources Manual from Florida's Water Management Districts. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://www.swfwmd.state.fl.us/publications/files/floridawaters.pdf> Accessed July 15, 2015.

- Rahman FA, Allan DL, Rosen CJ, Sadowsky MJ. 2004. Arsenic Availability From Chromated Copper Arsenate (CCA)-Treated Wood. *Journal of Environmental Quality*; 33(1):173-180. <http://dx.doi.org/10.2134/jeq2004.1730> Accessed July 15, 2015.
- Rao DV, Jenab SA, Clapp DA. 1989. Rainfall Analysis of Northeast Florida. Part III: Seasonal Rainfall Data. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/technicalreports/pdfs/TP/SJ89-1.pdf> Accessed July 15, 2015.
- Rauschenberger RH, Sepúlveda MS, Wiebe JJ, Szabo NJ, Gross TS. 2004. Predicting Maternal Body Burdens of Organochlorine Pesticides from Eggs and Evidence of Maternal Transfer in *Alligator mississippiensis*. *Environmental Toxicology and Chemistry*; 23(12):2906-2915. <http://dx.doi.org/10.1897/03-584.1> Accessed July 15, 2015.
- Rawlings TA, Hayes KA, Cowie RH, Collins TM. 2007. The Identity, Distribution, and Impacts of Non-native Apple Snails in the Continental United States. *BMC Evolutionary Biology*; 7(1):97-<http://dx.doi.org/10.1186/1471-2148-7-97> Accessed July 15, 2015.
- Read AJ, Wells RS, Hohn A, Scott MD. 1993. Patterns of growth in wild bottlenose dolphins *Tursiops truncatus*. *J. Zool.*; 231(123-107. Accessed May 12, 2017.
- Register F. 2006. Taking of Marine Mammals Incidental to Commercial Fishing Operations; Bottlenose Dolphin Take Reduction Plan Regulations; Sea Turtle Conservation; Restrictions to Fishing Activities. National Oceanic and Atmospheric Administration (NOAA), Department of Commerce. <http://www.nmfs.noaa.gov/pr/pdfs/fr/fr71-24776.pdf> Accessed July 4, 2017.
- Reichert AJ, Jones GB. 1994. Trace Metals as Tracers of Dredging Activity in Cleveland Bay - Field and Laboratory Studies. *Australian Journal of Marine and Freshwater Research*; 45(7):1237-1257. <http://dx.doi.org/10.1071/MF9941237> Accessed July 15, 2015.
- Reid JP, Bonde RK, O'Shea TJ. 1995. O'Shea T J, Ackerman B B, Percival H F. Population Biology of the Florida Manatee (*Trichechus manatus latirostris*). Washington (DC): National Biological Service (NBS). Reproduction and Mortality of Radio-Tagged and Recognizable Manatees on the Atlantic Coast of Florida. p 171-191. <https://www.fort.usgs.gov/sites/default/files/products/publications/2364/2364.pdf> Accessed July 15, 2015.
- Reiss KC. 2006. Florida Wetland Condition Index for Depressional Forested Wetlands. *Ecological Indicators*; 6(2):337. <http://dx.doi.org/10.1016/j.ecolind.2005.03.013> Accessed July 15, 2015.
- Reiss KC, Brown MT. 2007. Evaluation of Florida Palustrine Wetlands: Application of USEPA Levels 1, 2, and 3 Assessment Methods. *EcoHealth*; 4(2):206-218. <http://dx.doi.org/10.1007/s10393-007-0107-3> Accessed July 15, 2015.
- Reiss KC, Hernandez E, Brown MT. 2007. An Evaluation of the Effectiveness of Mitigation Banking in Florida: Ecological Success and Compliance with Permit Criteria. Tallahassee (FL): University of Florida, H.T. Odum Center for Wetlands. http://www.dep.state.fl.us/water/wetlands/docs/mitigation/Final_Report.pdf Accessed July 15, 2015.
- Reiss KC, Hernandez E, Brown MT. 2009. Evaluation of Permit Success in Wetland Mitigation Banking: A Florida Case Study. *Wetlands*; 29(3):907-918. <http://dx.doi.org/10.1672/08-148.1> Accessed July 15, 2015.
- Reiss KC, Hernandez E, Brown MT. 2014. Application of the Landscape Development Intensity (LDI) Index in Wetland Mitigation Banking. *Ecological Modelling*; 271(10):83-89. <http://dx.doi.org/10.1016/j.ecolmodel.2013.04.017> Accessed July 15, 2015.
- Reynolds JE, Wells RS, Eide SD. 2000. *The Bottlenose Dolphin: Biology and Conservation*. Gainesville (FL): University of Florida. Accessed May 9, 2017.

LOWER SJR REPORT 2017 – REFERENCES

- Rhew K. 2009a. Final TMDL Report: Fecal Coliform TMDL for Little Black Creek (WBID 2368), Peters Creek (WBID 2444), and Greene Creek (WBID 2478). Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/fecaltmdl_2368_2444_2478.pdf Accessed July 15, 2015.
- Rhew K. 2009b. Final TMDL Report: Fecal Coliform TMDL for Mill Creek (WBID 2460). Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/fecaltmdl_millcreek.pdf Accessed July 15, 2015.
- Rhew K. 2009c. Final TMDL Report: Fecal Coliform TMDL for Pottsburg Creek (WBID 2265B) and Julington Creek (WBID 2351). Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/fecaltmdl_2265b_2351.pdf Accessed July 15, 2015.
- Rhew K. 2009d. Final TMDL Report: Fecal Coliform TMDL for Strawberry Creek (WBID 2239). Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/fecaltmdl_strawberryc.pdf Accessed July 15, 2015.
- Rhew K. 2009e. Final TMDL Report: Fecal Coliform TMDL for the Ortega River (WBID 2213P). Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/fecaltmdl_ortegarive.pdf Accessed July 15, 2015.
- Rich-Zeisler J, Kingon K. 2009. Final TMDL Report: Fecal Coliform TMDL for McCoy Creek, WBID 2257. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/mcoycreekfecalfinal.pdf> Accessed July 15, 2015.
- Richard A, Moss A. 2011. Chinese Grass Carp: Plant Management in Florida Waters. Gainesville (FL): University of Florida, Institute of Food and Agricultural Sciences (IFAS). <http://plants.ifas.ufl.edu/manage/control-methods/biological-control/chinese-grass-carp> Accessed July 15, 2015.
- Rodgers Jr JA, Barrett M, Butryn RS. 2010. Productivity and Habitat Modeling of Wood Storks *Mycteria Americana* Nesting in North and Central Florida. Final Performance Report. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). <https://sjrda.unf.edu/items/view/sjrda:499> Accessed July 15, 2015.
- Rodgers Jr JA, Schwikert ST, Griffin GA, Bear-Hull D. 2008a. Productivity of Wood Storks *Mycteria Americana* within the St. Johns River Water Management District of North and Central Florida. Annual Report. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). <https://sjrda.unf.edu/items/view/sjrda:498> Accessed July 15, 2015.
- Rodgers Jr JA, Schwikert ST, Griffin GA, Brooks WB, Bear-Hull D, Elliott PM, Ebersol KJ, Morris J. 2008b. Productivity of Wood Storks (*Mycteria americana*) in North and Central Florida. Waterbirds; 31(SP1):25-34. <http://www.bioone.org/doi/abs/10.1675/1524-4695%282008%2931%5B25%3APOWSMA%5D2.0.CO%3B2> Accessed July 15, 2015.
- Rodgers Jr. JA. 2011. *Personal Communication* to Pinto G.
- Rosel PE, Hansen L, Hohn AA. 2009. Restricted dispersal in a continuously distributed marine species: Common bottlenose dolphins *Tursiops truncatus* in coastal waters of the western North Atlantic. *Molecular Ecology*; 18(15):1530-1545. Accessed May 12, 2017.
- Ross M. 2016. Conservation Biologist. *Personal Communication* to Pinto G.
- Rossi AM, Moon DC, Casamatta D, Smith K, Bentzien C, McGregor J, Norwich A, Perkerson E, Perkerson R, Savinon J, Stokes K, Doebberfuhr D. 2010. Pilot Study on the Effects of Partially Restored Riparian Plant Communities on Habitat

- Quality and Biodiversity along First-Order Tributaries of the Lower St. Johns River. *Journal of Water Resource and Protection*; 2(9):771-782. <http://dx.doi.org/10.4236/jwarp.2010.29090> Accessed July 15, 2015.
- Rowles TK, Schwake LS, Wells RS, Saliki JT, Hansen L, Hohn A, Townsend F, Sayre RA. 2011. Evidence of susceptibility to morbillivirus infection in cetaceans from the United States. *Marine Mammal Science*; 27(1):1-19. Accessed May 12, 2017.
- Ruckelshaus MH, Hays CG. 1997. L. F P, Kareiva P M e. *Conservation Biology: For the Coming Decade*. New York (NY): Springer-Verlag. ISBN: 978-0412096617 Chapter 6. Conservation and Management of Species in the Sea. p 112-156. <http://www.springer.com/environment/nature+conservation+-+biodiversity/book/978-0-412-09661-7> Accessed July 15, 2015.
- Ruhl JB, Salzman J. 2006. The Effects of Wetland Mitigation on People. *National Wetlands Newsletter*; 28(2):7-13. http://papers.ssrn.com/sol3/papers.cfm?abstract_id=878331 Accessed July 15, 2015.
- Ruhl JB, Salzman J, Goodman I. 2008. Implementing the New Ecosystem Services Mandate of the Section 404 Compensatory Mitigation Program: A Catalyst for Advancing Science and Policy. *Stetson Law Review*; 38(2):251-272. <http://ssrn.com/abstract=1281048> Accessed July 15, 2015.
- Runge MC, Langtimm CA, Kendall WL. 2004. A Stage-Based Model of Manatee Population Dynamics. *Marine Mammal Science*; 20(3):361-385. <http://dx.doi.org/10.1111/j.1748-7692.2004.tb01167.x> Accessed July 15, 2015.
- Sagan JJ. 2004. SAV Bed Architecture: Water Depth Distribution and Cover of *Najas guadalupensis*, *Ruppia maritima*, and *Vallisneria americana*. Palatka (FL): St. Johns River Water Management District (SJRWMD). <https://sjrda.unf.edu/items/view/sjrda:504> Accessed July 15, 2015.
- Sagan JJ. 2006. A Reanalysis of Data Related to Submerged Aquatic Vegetation Within the Lower St. Johns River: 1996-2005. Palatka (FL): St. Johns River Water Management District (SJRWMD). <https://sjrda.unf.edu/items/view/sjrda:505> Accessed July 15, 2015.
- Sagan JJ. 2007. SAV Monitoring Project: Interim Reports I-IV and Draft Annual Status Reports. Interim Reports Associated with Quarterly Sampling and Groundtruth Surveys for the St. Johns River Water Management District (SJRWMD). Palatka (FL): St. Johns River Water Management District (SJRWMD). <https://sjrda.unf.edu/items/view/sjrda:506> Accessed July 15, 2015.
- Sagan JJ. 2010. *Personal Communication* to Pinto G.
- Salzman J, Ruhl JB. 2005. 'No Net-Loss' - Instrument Choice in Wetlands Protection. Durham (NC): Duke Law School Science, Technology and Innovation Research Paper Series. <http://ssrn.com/abstract=796771> Accessed July 15, 2015.
- Saunders J. 2016. Judge Refuses to Block Changes to Florida's Water Quality Standards. Orlando (FL): News Service of Florida, Orlando Weekly. <http://www.orlandoweekly.com/Blogs/archives/2016/10/12/judge-refuses-to-block-changes-to-floridas-water-quality-standards> Accessed May 2, 2017.
- Scanlan D. 2016. Green Algal Blooms Sighted in Doctors Lake and St. Johns River. Jacksonville (FL): The Florida Times-Union, Jacksonville.com. <http://jacksonville.com/news/health-and-fitness/2016-06-15/story/green-algal-blooms-sighted-doctors-lake-and-st-johns-river> Accessed May 2, 2017.
- Scarlato PD. 1993. A Review of Sediment Analysis, Management Techniques and Sediment Quality Data for the Lower St. Johns River Basin: Vol. 5. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/technicalreports/pdfs/SP/SJ94-SP16.pdf> Accessed July 15, 2015.
- SCCF. 2014. Chlorophyll-*a*. Sanibel, FL: Sanibel-Captiva Conservation Foundation. <http://recon.sccf.org/definitions/chlorophyll.shtml> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- Schafer DL. 2007. New World in a State of Nature; British Plantations and Farms on the St. Johns River, East Florida, 1763-1784. Jacksonville (FL): University of North Florida (UNF), Florida Online History. <http://www.unf.edu/floridahistoryonline/Plantations/> Accessed July 15, 2015.
- Schoettler J. 2013. Persistent Algae Blooms in St. Johns River Prompt Health Warning. Jacksonville (FL): The Florida Times-Union, Jacksonville.com. <http://jacksonville.com/news/metro/2013-11-30/story/persistent-algae-blooms-st-johns-river-prompts-health-warning> Accessed May 2, 2017.
- Schropp SJ, Windom HL. 1988. A Guide to the Interpretation of Metal Concentrations in Estuarine Sediments. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/monitoring/docs/seds/estuarine.pdf> Accessed July 15, 2015.
- Scott C. 2003a. Endangered and Threatened Animals of Florida and Their Habitats. Austin (TX): University of Texas Press. ISBN: 978-0292705296 Eastern Indigo Snake (*Drymarchon corais couperi*). p 242-244. <http://utpress.utexas.edu/index.php/books/scoend> Accessed July 15, 2015.
- Scott C. 2003b. Endangered and Threatened Animals of Florida and Their Habitats. Austin (TX): University of Texas Press. ISBN: 978-0292705296 Piping Plover (*Charadrius melodus*). p 166-168. <http://utpress.utexas.edu/index.php/books/scoend> Accessed July 15, 2015.
- Scott C. 2003c. Endangered and Threatened Animals of Florida and Their Habitats. Austin (TX): University of Texas Press. ISBN: 978-0292705296 Shortnose Sturgeon (*Acipenser brevirostrum*). p 253-259. <http://utpress.utexas.edu/index.php/books/scoend> Accessed July 15, 2015.
- Scott C. 2003d. Endangered and Threatened Animals of Florida and Their Habitats. Austin (TX): University of Texas Press. ISBN: 978-0292705296 Southern Bald Eagle (*Haliaeetus leucocephalus leucocephalus*). p 177-180. <http://utpress.utexas.edu/index.php/books/scoend> Accessed July 15, 2015.
- Scott C. 2003e. Endangered and Threatened Animals of Florida and Their Habitats. Austin (TX): University of Texas Press. ISBN: 978-0292705296 Wood Stork (*Mycteria americana*). p 168-171. <http://utpress.utexas.edu/index.php/books/scoend> Accessed July 15, 2015.
- Scudder BC, Chasar LC, Wentz DA, Bauch NJ, Brigham ME, Moran PW, Krabbenhoft DP. 2009. Mercury in Fish, Bed Sediment, and Water from Streams Across the United States, 1998-2005. Reston (VA): U.S. Geological Survey (USGS). <http://pubs.usgs.gov/sir/2009/5109/pdf/sir20095109.pdf> Accessed July 15, 2015.
- Semeyn DJ, Cush CC, Scolardi KM, Hebert J, McBride JD, Grealish D, Reynolds III JE. 2011. Aerial Surveys of Manatees (*Trichechus manatus*) in Lee County, Florida, Provide Insights Regarding Manatee Abundance and Real Time Information for Managers and Enforcement Officers. Journal of Coastal Conservation; 15(4):573-583. <http://dx.doi.org/10.1007/s11852-011-0146-3> Accessed July 15, 2015.
- Semlitsch RD, Bodie JR. 1998. Are Small, Isolated Wetlands Expendable? Conservation Biology; 12(5):1129-1133. <http://dx.doi.org/10.1046/j.1523-1739.1998.98166.x> Accessed July 15, 2015.
- Sepúlveda MS, Johnson WE, Higman JC, Denslow ND, Schoeb TR, Gross TS. 2002. An Evaluation of Biomarkers of Reproductive Function and Potential Contaminant Effects in Florida Largemouth Bass (*Micropterus salmoides floridanus*) Sampled from the St. Johns River. Science of The Total Environment; 289(1-3):133-144. <http://www.sciencedirect.com/science/article/pii/S0048969701010294> Accessed July 15, 2015.
- Sepulveda MS, Wiebe JJ, Honeyfield DC, Rauschenberger HR, Hinterkopf JP, Johnson WE, Gross TS. 2004. Organochlorine Pesticides and Thiamine in Eggs of Largemouth Bass and American Alligators and Their Relationship with Early Life-stage Mortality. Journal of Wildlife Diseases; 40(4):782-786. <http://dx.doi.org/10.7589/0090-3558-40.4.782> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- Shabecoff P. 1988. Most Sewage Plants Meeting Latest Goal of Clean Water Act. New York (NY): New York Times. <http://www.nytimes.com/1988/07/28/us/most-sewage-plants-meeting-latest-goal-of-clean-water-act.html> Accessed July 1, 2008.
- Shepard JP. 1994. Effects of Forest Management on Surface Water Quality in Wetland Forests. *Wetlands*; 14(1):18-26. <http://dx.doi.org/10.1007/BF03160618> Accessed July 15, 2015.
- Shuval HI, Adin A, Fattal B, Rawitz E, Yekutieli P. 1990. Integrated Resource Recovery. Wastewater Irrigation in Developing Countries - Health Effects and Technical Solutions. Washington (DC): The World Bank. <http://documents.worldbank.org/curated/en/1986/05/440564/integrated-resource-recovery-wastewater-irrigation-developing-countries-health-effects-technical-solutions> Accessed July 15, 2015.
- Shyn A, Chalk SJ, Smith K, Charnock NL, Bielmyer GK. 2012. Zinc Distribution in the Organs of Adult *Fundulus heteroclitus* After Waterborne Zinc Exposure in Freshwater and Saltwater. *Archives of Environmental Contamination and Toxicology*; 63(4):544-553. <http://dx.doi.org/10.1007/s00244-012-9805-0> Accessed July 15, 2015.
- Simberloff D, Schmitz DC, Brown TC. 1997. Strangers in Paradise: Impact and Management of Nonindigenous Species in Florida. Washington (DC): Island Press. http://works.bepress.com/daniel_simberloff/1/ Accessed July 15, 2015.
- Sivonen K, Jones G. 1999. Chorus I, Bartram J. Toxic Cyanobacteria in Water. A Guide to their Public Health Consequences, Monitoring and Management. Bury St Edmunds, Suffolk, England: World Health Organization. Cyanobacterial Toxins. p http://www.who.int/water_sanitation_health/resourcesquality/toxiccyanbact/en/ Accessed July 15, 2015.
- SJRWMD. 2000. Upper St. Johns River Basin, Three Forks Marsh and Blue Cypress Conservation Areas, Brevard and Indian River Counties, Land Management Plan. Palatka (FL): St. Johns River Water Management District (SJRWMD). <https://sjrda.unf.edu/items/view/sjrda:515> Accessed July 15, 2015.
- SJRWMD. 2005. Blue-Green Algae in Florida Waters: Effects on Water Quality. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/algae/bluegreen.html> Accessed July 15, 2015.
- SJRWMD. 2007. Geographic Information Systems (GIS) Database: Wetland and Deep Water Habitat Map. Palatka (FL): St. Johns River Water Management District (SJRWMD). <ftp://secure.sjrwmd.com/disk3/wetlands/habitats/> Accessed July 15, 2015.
- SJRWMD. 2008. Surface Water Improvement and Management (SWIM) Plan: Lower St. Johns River Basin. Palatka (FL): St. Johns River Water Management District (SJRWMD). http://floridaswater.com/SWIMplans/2008_LSJR_SWIM_Plan_Update.pdf Accessed July 15, 2015.
- SJRWMD. 2010a. Florida Water Management History. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/history/index.html> Accessed July 15, 2015.
- SJRWMD. 2010b. GIS Download Library. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/gisdevelopment/docs/themes.html> Accessed July 15, 2015.
- SJRWMD. 2010c. SJRWMD Mitigation Banking. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://webpub.sjrwmd.com/agws10/mt/> Accessed July 15, 2015.
- SJRWMD. 2010d. Watershed Facts: Cedar River. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/watershedfacts/factPages/20030083.html> Accessed July 15, 2015.
- SJRWMD. 2012a. St. Johns River Water Supply Impact Study. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/technicalreports/tpubs1.html> Accessed July 15, 2015.

- SJRWMD. 2012b. The St. Johns River Water Supply Impact Study. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/surfacewaterwithdrawals/impacts.html> Accessed July 15, 2015.
- SJRWMD. 2014. Permitting: An Overview of Water Management District Permitting. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://floridaswater.com/permitting/> Accessed July 15, 2015.
- SJRWMD. 2016a. Radar Rainfall Data. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://webapub.sjrwmd.com/agws10/hdsnew/map.html> Accessed April 1, 2016.
- SJRWMD. 2016b. Regulatory Permit Search. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://webapub.sjrwmd.com/agws10/sjrwmdpermit/> Accessed March 10, 2017.
- SJRWMD. 2017. Hydrologic Data. Palatka (FL): St. Johns River Water Management District (SJRWMD). <http://webapub.sjrwmd.com/agws10/hdsnew/map.html> Accessed March 10, 2017.
- SLES. 1988. Chemical and Physical Characteristics of Water, Sediments and Sediment Elutriates for the Port of Jacksonville, Florida. Savannah (GA): Savannah Laboratories and Environmental Services (SLES), Inc. <https://sjrda.unf.edu/items/view/sjrda:584> Accessed July 15, 2015.
- Smith VH. 1983. Low Nitrogen to Phosphorus Ratios Favor Dominance by Blue-Green Algae in Lake Phytoplankton. *Science*; 221(4611):669-671. <http://dx.doi.org/10.1126/science.221.4611.669> Accessed July 15, 2015.
- Smolders AJP, Lamers LPM, Lucassen ECHET, Van der Velde G, Roelofs JGM. 2006. Internal Eutrophication: How It Works and What To Do About It – A Review. *Chemistry and Ecology*; 22(2):93-111. <http://dx.doi.org/10.1080/02757540600579730> Accessed July 15, 2015.
- Sommer EK. 2013. Supreme Court Ruling in Florida Wetlands Case Not Quite the Win Developers Claim. *Berkeley (CA): Earth Island Journal*. <https://sjrda.unf.edu/items/forward/sjrda:800> Accessed July 15, 2015.
- Sosa ER, Landsberg JH, Stephenson CM, Forstchen AB, Vandersea MW, Litaker RW. 2007. *Aphanomyces invadans* and Ulcerative Mycosis in Estuarine and Freshwater Fish in Florida. *Journal of Aquatic Animal Health*; 19(1):14-26. <http://dx.doi.org/10.1577/H06-012.1> Accessed July 15, 2015.
- Spinuzzi S, Schneider K, Walters L, Nash E, Wei S, Hoffman E. 2012. Tracking the Distribution of Non-native Marine Species, *Mytella charruana*, *Perna viridis*, and *Megabalanus coccopoma*, Along the Southeastern United States Coastline. Orlando (FL): University of Central Florida. <http://biology.cos.ucf.edu/hoffman/wp-content/uploads/2013/09/Spinuzzi-et-al.-2013.pdf> Accessed July 15, 2015.
- SRR. 2012. State of the River Report for the Lower St. Johns River Basin, Florida: Water Quality, Fisheries, Aquatic Life, Contaminants, and Aquatic Toxicology 2012. Jacksonville (FL): University of North Florida (UNF), Jacksonville University (JU), and Valdosta State University (VSU). <http://sjrreport.com/media/pdf/sjrreport2012.pdf> Accessed July 15, 2015.
- SRR. 2014. State of the River Report for the Lower St. Johns River Basin, Florida: Water Quality, Fisheries, Aquatic Life, and Contaminants 2014. Jacksonville (FL): University of North Florida (UNF), Jacksonville University (JU), and Valdosta State University (VSU). <http://sjrreport.com/media/pdf/sjrreport2014.pdf> Accessed July 15, 2015.
- SRR. 2016. State of the River Report for the Lower St. Johns River Basin, Florida: Water Quality, Fisheries, Aquatic Life, Contaminants, and Aquatic Toxicology 2016. Jacksonville (FL): University of North Florida (UNF), Jacksonville University (JU), and Valdosta State University (VSU). <http://www.sjrreport.com/> Accessed March 17, 2017.
- St. Johns Riverkeeper. 2009. Central Florida's Thirst Threatens River. Jacksonville (FL): St. Johns Riverkeeper. <http://www.stjohnsriverkeeper.org/thirstthreatens.asp> Accessed July 15, 2015.

- St. Johns Riverkeeper. 2013a. Alarming Levels of Algal Toxins in St. Johns. Jacksonville (FL): St. Johns Riverkeeper. <http://www.stjohnsriverkeeper.org/blog/alarming-levels-of-algal-toxins-in-st-johns/> Accessed July 15, 2015.
- St. Johns Riverkeeper. 2013b. Pollution Solutions: Lasalle Bioswale Project. Jacksonville (FL): St. Johns Riverkeeper. <http://www.stjohnsriverkeeper.org/blog/lasalle-bioswale-project/> Accessed July 15, 2015.
- Staletovich J. 2016. Environmental groups want Scott to veto water bill. Miami (FL): Miami Herald. <http://www.miamiherald.com/news/local/environment/article54961190.html> Accessed April 6, 2016.
- Stedman S-M, Dahl TE. 2008. Status and Trends of Wetlands in the Coastal Watersheds of the Eastern United States 1998 to 2004. Washington (DC): U.S. Fish and Wildlife Service (USFWS). <http://www.fws.gov/wetlands/Documents/Status-and-Trends-of-Wetlands-in-the-Coastal-Watersheds-of-the-Eastern-United-States-1998-to-2004.pdf> Accessed July 15, 2015.
- Steidinger KA, Burklew MA, Ingle RM. 1973. Martin D F, Padilla G M. Marine Pharmacognosy: Action of Marine Toxins at the Cellular Level. New York (NY): Academic Press. The Effects of *Gymnodinium breve* Toxin on Estuarine Animals. p 179-202. <http://dx.doi.org/10.1016/B978-0-12-474550-6.50011-7> Accessed July 15, 2015.
- Steidinger KA, Landsberg JH, Tomas CR, Burns Jr JW. 1999. Harmful Algal Blooms in Florida. St. Petersburg (FL): Florida Fish and Wildlife Conservation Commission (FWC), Fish and Wildlife Research Institute (FWRI). <http://myfwc.com/research/redtide/task-force/reports-presentations/white-paper/> Accessed July 15, 2015.
- Steinbrecher P. 2008. Environmental Services Director. *Personal Communication* to McCarthy H.
- Stevenson DJ, Dyer KJ, Willis-Stevenson BA. 2003. Survey and Monitoring of the Eastern Indigo Snake in Georgia. *Southeastern Naturalist*; 2(3):393-408. <http://www.bioone.org/doi/abs/10.1656/1528-7092%282003%29002%5B0393%3ASAMOTE%5D2.0.CO%3B2> Accessed July 15, 2015.
- Stewart I, Seawright AA, Schuller PJ, Shaw GR. 2006. Primary Irritant and Delayed-Contact Hypersensitivity Reactions to the Freshwater Cyanobacterium *Cylindrospermopsis raciborskii* and its Associated Toxin Cylindrospermopsin. *BMC Dermatology*; 6(1-12). <http://dx.doi.org/10.1186/1471-5945-6-5> Accessed July 15, 2015.
- Stolen M. 2010. *Personal Communication* to Borkowski R.
- Stolen M, Durden WN, Mazza T, Barros NB, St. Leger J. 2013. Effects of fishing gear on bottlenose dolphins (*Tursiops truncatus*) in the Indian River Lagoon system, Florida. *Marine Mammal Science*; 29(2):356-364. Accessed May 12, 2017.
- Stork W. 1769. A Description of East-Florida, with a Journal kept by John Bartram of Philadelphia, Botanist to his Majesty for the Floridas; Upon a Journey from St. Augustine up the river St. John's as far as the Lakes. With Explanatory Botanical Notes. London (England): Nicoll and Jefferies. p <http://www.amphilsoc.org/exhibits/nature/stork.htm> Accessed July 15, 2015.
- Stukel ED. 1996. Piping Plover (*Charadrius melodus*). Pierre (SD): South Dakota Department of Game, Fish and Parks. <http://www3.northern.edu/natsource/ENDANG1/Piping1.htm> Accessed July 15, 2015.
- Stumm W, Morgan JJ. 1996. Aquatic Chemistry: Chemical Equilibria and Rates in Natural Waters. New York (NY): John Wiley & Sons. p ISBN: 978-0471511854. <http://www.wiley.com/WileyCDA/WileyTitle/productCd-0471511854.html> Accessed July 15, 2015.
- Sucsy PV. 2008. Supervisor Engineer Scientist. *Personal Communication* to Pinto G.
- Sucsy PV, Morris IV FW. 2001. Salinity Intrusion in the St. Johns River, Florida. *Estuarine and Coastal Modeling*; 2001(1):120-139. <http://ascelibrary.org/doi/abs/10.1061/40628%28268%298> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- Sucsy PV, Morris IV FW. 2002. Calibration of a Three-Dimensional Circulation and Mixing Model of the Lower St. Johns River – Technical Report Draft 1.1. St. Johns River Water Management District (SJRWMD). Accessed March 10, 2017.
- Sun G, Riekerk H, Kornhak LV. 2000. Ground-Water-Table Rise after Forest Harvesting on Cypress-Pine Flatwoods in Florida. *Wetlands*; 20(1):101-112. <http://link.springer.com/article/10.1672/0277-5212%282000%29020%5B0101%3AGWTRAF%5D2.0.CO%3B2> Accessed July 15, 2015.
- Swanson C. 2016. *Personal Communication* to GP.
- Tagatz ME. 1965. The Fishery for Blue Crabs in the St. Johns River, Florida, with Special Reference to Fluctuations in Yield Between 1961 and 1962. Washington (DC): U.S. Fish and Wildlife Service (FWS). http://archive.org/download/specialscientifi501usfi/specialscientifi501usfi_bw.pdf Accessed July 15, 2015.
- Tagatz ME. 1968a. Biology of the Blue Crab, *Callinectes sapidus* Rathbun, in the St. Johns River, Florida. *Fishery Bulletin*; 67(1):17-33. <http://fishbull.noaa.gov/67-1/tagatz.pdf> Accessed July 15, 2015.
- Tagatz ME. 1968b. Fishes of the St. Johns River, Florida. *Quarterly Journal Florida Academy of Sciences*; 30(1):25-50. <http://ufdc.ufl.edu/UF00000193/00001> Accessed July 15, 2015.
- Tagatz ME. 1968c. Growth of Juvenile Blue Crabs, *Callinectes sapidus* Rathbun, in the St. Johns River, Florida. *Fishery Bulletin*; 67(2):281-288. <http://fishbull.noaa.gov/67-2/tagatz.pdf> Accessed July 15, 2015.
- Taylor. 2011. EFDC Salinity Modeling for Jacksonville Harbor GRRII Deepening Project Phase 1. Draft Report prepared for USACE Jacksonville District. Jacksonville (FL): Taylor Engineering, Inc. http://www.saj.usace.army.mil/Portals/44/docs/Planning/EnvironmentalBranch/EnvironmentalDocs/FINAL_Jacksonville Accessed June 14, 2016.
- Taylor. 2013a. Ecological Modeling for Jacksonville Harbor Deepening GRRII. Draft report prepared for USACE Jacksonville District. Jacksonville (FL): Taylor Engineering, Inc. http://www.saj.usace.army.mil/Portals/44/docs/Planning/EnvironmentalBranch/EnvironmentalDocs/FINAL_Jacksonville Accessed June 14, 2016.
- Taylor. 2013b. EFDC Hydrodynamic Modeling for Water Quality Model Input for the Jacksonville Harbor GRRII Deepening Project. Draft report prepared for USACE Jacksonville District. Jacksonville (FL): Taylor Engineering, Inc. http://www.saj.usace.army.mil/Portals/44/docs/Planning/EnvironmentalBranch/EnvironmentalDocs/FINAL_Jacksonville Accessed June 14, 2016.
- Taylor. 2013c. EFDC Salinity Modeling for Jacksonville Harbor GRRII Deepening Project, Phase 2. Draft report prepared for USACE Jacksonville District. Jacksonville (FL): Taylor Engineering, Inc. http://www.saj.usace.army.mil/Portals/44/docs/Planning/EnvironmentalBranch/EnvironmentalDocs/FINAL_Jacksonville Accessed June 14, 2016.
- Thayer GW, Kenworthy WJ, Fonseca MS. 1984. The Ecology of Eelgrass Meadows of the Atlantic Coast: a Community Profile. Beaufort (NC): U.S. Fish and Wildlife Service (USFWS), Division of Biological Services. <http://www.nwrc.usgs.gov/techrpt/84-02.pdf> Accessed July 15, 2015.
- Thayer VG, Binion-Rock SM, Sullivan JM. 2017. Preliminary comparison of stomach contents from stranded common bottlenose dolphins (*Tursiops truncatus*) with and without evidence of human interaction. Abstract – Southeast and Mid Atlantic Marine Mammal Symposium https://seamamms.files.wordpress.com/2017/04/abstract-book_final1.pdf Accessed May 12, 2017.

LOWER SJR REPORT 2017 – REFERENCES

- Thunen RL. 2010. Archaeological Excavations at the Cedar Point West site in Jacksonville, Florida. Jacksonville (FL): University of North Florida Archaeology Laboratory. http://www.unf.edu/~rthunen/fieldwork09/Field_Photos.html Accessed July 15, 2015.
- Torres L, Read AJ. 2009. Where to catch a fish? The influence of foraging tactics on the ecology of bottlenose dolphins (*Tursiops truncatus*) in Florida Bay. *Mar Mamm Sci.*; 25(4):797-815. Accessed May 10, 2017.
- Toth JL, Hohn AA, Able KW, Gorgone A. 2011. Defining bottlenose dolphin (*Tursiops truncatus*) stocks based on environmental, physical, and behavioral characteristics. *Marine Mammal Science*; 28(3):461-478. Accessed May 10, 2017.
- Turner DR, Whitfield M, Dickson AG. 1981. The Equilibrium Speciation of Dissolved Components in Freshwater and Seawater at 25°C and 1 Atm Pressure. *Geochimica et Cosmochimica Acta*; 45(6):855-881. <http://www.sciencedirect.com/science/article/pii/0016703781901150> Accessed July 15, 2015.
- Turner J. 2016. State Regulators Approve Sweeping Changes in Water-quality Standards. Jacksonville (FL): The Florida Times-Union, Jacksonville.com. <http://jacksonville.com/news/florida/2016-07-27/story/state-regulators-approve-sweeping-changes-water-quality-standards> Accessed May 2, 2017.
- Twilley RR, Barko JW. 1990. The Growth of Submersed Macrophytes Under Experimental Salinity and Light Conditions. *Estuaries and Coasts*; 13(3):311-321. <http://dx.doi.org/10.2307/1351922> Accessed July 15, 2015.
- Udall SL. 1967. Native Fish and Wildlife: Endangered Species. *Federal Register*; 32(48):4001-<http://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=1051&context=endangeredspeciesbull> Accessed July 15, 2015.
- UNC. 2014. ADCIRC. Chapel Hill (NC): University of North Carolina (UNC). <http://adcirc.org/> Accessed July 15, 2015.
- Urian K, Fauquier DA, Barco S, Clark K, Doshkov P, Engelhaupt A, Gorgone A, Mann J, McFee W, McLellan WA, Pabst A. 2017. Determining the stock identity of stranded bottlenose dolphins (*Tursiops truncatus*) from the unusual mortality event using the Mid-Atlantic bottlenose dolphin catalog (MABDC) Abstract – Southeast and Mid Atlantic Marine Mammal Symposium. Jacksonville (FL): Jacksonville University (JU). https://seamamms.files.wordpress.com/2017/04/abstract-book_final1.pdf Accessed May 10, 2017.
- USACE. 2007. Notice of Intent to Prepare a Draft Supplemental Environmental Impact Statement for the Jacksonville Harbor Navigation Study, General Re-Evaluation Report, Located in Duval County, FL. *Federal Register*; 72(71):18641-<http://www.gpo.gov/fdsys/pkg/FR-2007-04-13/pdf/07-1835.pdf> Accessed July 15, 2015.
- USACE. 2008. Compensatory Mitigation for Losses of Aquatic Resources. *Federal Register*; 73(70):19594-19705. <http://www.gpo.gov/fdsys/pkg/FR-2007-04-13/pdf/07-1835.pdf> Accessed July 15, 2015.
- USACE. 2011. Jacksonville Harbor Mile Point Navigation Study, Economics Evaluation and Economic Appendix. Jacksonville (FL): U.S. Army Corps of Engineers (USACE). <https://sjrda.unf.edu/items/forward/sjrda:805> Accessed July 15, 2015.
- USACE. 2012. Invasive Species Control on the St. Johns River. Jacksonville (FL): U.S. Army Corps of Engineers (USACE), Jacksonville District. <http://www.saj.usace.army.mil/Missions/Environmental/InvasiveSpecies/OperationsSpraySchedules.aspx> Accessed July 15, 2015.
- USACE. 2014a. Jacksonville Harbor Navigational Study, Duval County, Florida: Final Integrated General Reevaluation Report II and Supplemental Environmental Impact Statement . Jacksonville (FL): U.S. Army Corps of Engineers (USACE), Jacksonville District. <http://cdm16021.contentdm.oclc.org/cdm/ref/collection/p16021coll7/id/2118> Accessed June 14, 2016.

LOWER SJR REPORT 2017 – REFERENCES

- USACE. 2014b. Jacksonville Harbor Navigational Study, Duval County, Florida: Final Integrated General Reevaluation Report II and Supplemental Environmental Impact Statement. [Appendix E. USACOE. 2014. Jacksonville Harbor Navigational Study, Duval County, Florida: Final Integrated General Reevaluation Jacksonville \(FL\): U.S. Army Corps of Engineers \(USACE\), Jacksonville District.](#) Accessed June 14, 2016.
- USCB. 2000. Population Statistics for Clay, Duval, Flagler, Putnam, and St. Johns County, Florida. Washington (DC): U.S. Census Bureau (USCB). <http://quickfacts.census.gov/qfd/states/120001k.html> Accessed July 1, 2008.
- USCB. 2010. 2010 Census Interactive Population Search. Washington (DC): U.S. Census Bureau (USCB). <http://www.census.gov/2010census/popmap/ipmtext.php?fl=12> Accessed July 1, 2015.
- USDA. 2013. The PLANTS Database. Washington (DC): U.S. Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS). <http://plants.usda.gov/java/> Accessed July 15, 2015.
- USDOJ, USDOC. 2008. 2006 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation. Washington (DC): U.S. Department of the Interior (DOI) and U.S. Department of Commerce (DOC). <http://www.census.gov/prod/2008pubs/fhw06-fl.pdf> Accessed July 15, 2015.
- USFWS. 1984. Florida Wetland Acreage. St. Petersburg (FL): U.S. Fish and Wildlife Service (USFWS). <http://purl.fcla.edu/fcla/tc/swf/GC20000018.pdf> Accessed July 15, 2015.
- USFWS. 1990. Recovery Plan for the Florida Scrub Jay. Athens (GA): U.S. Fish and Wildlife Service (USFWS), Southeast Region. http://ecos.fws.gov/docs/recovery_plan/900509.pdf Accessed July 15, 2015.
- USFWS. 1996. Piping Plover (*Charadrius melodus*) Atlantic Coast Population. Revised Recovery Plan. Washington (DC): U.S. Fish and Wildlife Service (USFWS), Environmental Conservation Online System (ECOS). http://ecos.fws.gov/docs/recovery_plan/960502.pdf Accessed July 15, 2015.
- USFWS. 2001. Florida Manatee Recovery Plan (*Trichechus manatus latirostris*), Third revision. Atlanta (GA): U.S. Fish and Wildlife Service (USFWS), Southeast Region. <https://sjrda.unf.edu/items/forward/sjrda:535> Accessed July 15, 2015.
- USFWS. 2002. Wood Stork Report. Washington (DC): U.S. Fish and Wildlife Service (USFWS). <https://sjrda.unf.edu/items/view/sjrda:536> Accessed July 15, 2015.
- USFWS. 2004. Wood Stork Report. Washington (DC): U.S. Fish and Wildlife Service (USFWS). <https://sjrda.unf.edu/items/view/sjrda:537> Accessed July 15, 2015.
- USFWS. 2005. Wood Stork Report. Washington (DC): U.S. Fish and Wildlife Service (USFWS). <https://sjrda.unf.edu/items/view/sjrda:538> Accessed July 15, 2015.
- USFWS. 2007a. Bald Eagle Soars off Endangered Species List. Washington (DC): U.S. Fish and Wildlife Service (USFWS). <http://www.fws.gov/news/ShowNews.cfm?ID=72A15E1E-F69D-06E2-5C7B052DB01FD002> Accessed July 1, 2008.
- USFWS. 2007b. Florida Scrub-Jay (*Aphelocoma coerulescens*) 5-Year Review: Summary and Evaluation. Jacksonville (FL): U.S. Fish and Wildlife Service (USFWS), North Florida Field Office. <https://sjrda.unf.edu/items/forward/sjrda:541> Accessed July 15, 2015.
- USFWS. 2007c. West Indian Manatee (*Trichechus Manatus*). 5-Year Review: Summary and Evaluation. Washington (DC): U.S. Fish and Wildlife Service (USFWS), North Florida Field Office. http://www.fws.gov/northflorida/Manatee/2007_5-yr_Review/2007-Manatee-5-Year-Review-Final-color-signed.pdf Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- USFWS. 2007d. Wood Stork (*Mycteria americana*) 5-Year Review: Summary and Evaluation. Jacksonville (FL): U.S. Fish and Wildlife Service (USFWS), North Florida Field Office. <http://www.fws.gov/northflorida/WoodStorks/2007-Review/2007-Wood-stork-5-yr-Review.pdf> Accessed July 15, 2015.
- USFWS. 2007e. You Can Help Protect the Piping Plover. Hadley (MA): U.S. Fish and Wildlife Service (USFWS), Northeast Region. <http://www.fws.gov/northeast/pipingplover/overview.html> Accessed July 15, 2015.
- USFWS. 2008a. Bald Eagle. Washington (DC): U.S. Fish and Wildlife Service (USFWS), Division of Migratory Bird Management. <http://www.fws.gov/migratorybirds/baldeagle.htm> Accessed July 1, 2008.
- USFWS. 2008b. Bald Eagle Breeding Pairs 1990 - 2006. Washington (DC): U.S. Fish and Wildlife Service (USFWS), Midwest Region. http://www.fws.gov/midwest/eagle/population/nos_state_tbl.html Accessed July 15, 2015.
- USFWS. 2008c. Bald Eagle Management Guidelines and Conservation Measures. Washington (DC): U.S. Fish and Wildlife Service (USFWS), Midwest Region. <http://www.fws.gov/midwest/eagle/conservation/recreation.html> Accessed July 1, 2008.
- USFWS. 2008d. Species Profile: Bald Eagle (*Haliaeetus leucocephalus*). Washington (DC): U.S. Fish and Wildlife Service (USFWS), Environmental Conservation Online System (ECOS). <http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B008> Accessed July 15, 2015.
- USFWS. 2015. Wood Stork Nesting Colonies 2015 Map. U.S. Fish and Wildlife Service (USFWS). https://www.fws.gov/northflorida/WoodStorks/WOST_Data/2016_FL_Nesting_Colonies_Core_Foraging_Areas_Active_2006-2015_Map.pdf Accessed
- USFWS. 2016a. Endangered and Threatened Wildlife and Plants; Reclassification of the U.S. Breeding Population of the Wood Stork from Endangered to Threatened. Washington (DC): U.S. Fish and Wildlife Service (USFWS). <https://www.federalregister.gov/articles/2014/06/30/2014-14761/endangered-and-threatened-wildlife-and-plants-reclassification-of-the-us-breeding-population-of-the> Accessed July 1, 2015.
- USFWS. 2016b. Endangered and Threatened Wildlife and Plants; 12-Month Finding on a Petition to Downlist the West Indian Manatee, and Proposed Rule to Reclassify the West Indian Manatee as Threatened. Washington (DC): U.S. Fish and Wildlife Service (USFWS). <https://www.federalregister.gov/articles/2016/01/08/2015-32645/endangered-and-threatened-wildlife-and-plants-12-month-finding-on-a-petition-to-downlist-the-west> Accessed July 1, 2015.
- USFWS. 2017a. Endangered Species. Jacksonville (FL): U.S. Fish and Wildlife Service (USFWS), North Florida Field Office. <https://www.fws.gov/endangered/species/index.html> Accessed March 10, 2017.
- USFWS. 2017b. Manatee Reclassified from Endangered to Threatened as Habitat Improves and Population Expands – Existing Federal Protections Remain in Place. Jacksonville (FL): U.S. Fish and Wildlife Service (USFWS), North Florida Field Office. <https://www.fws.gov/northflorida/manatee/manatees.htm> Accessed March 30, 2017.
- USFWS. 2017c. Southeast US Wood Stork Nesting Database. <http://www.wec.ufl.edu/faculty/frederickp/woodstork/> Accessed March 10, 2017.
- USGS. 1992. Application of Satellite Data for Mapping and Monitoring Wetlands. Reston (VA): U.S. Geological Survey (USGS), Federal Geographic Data Committee (FGDC). <http://www.gpo.gov/fdsys/pkg/CZIC-ta595-5-u55-a66-1992/pdf/CZIC-ta595-5-u55-a66-1992.pdf> Accessed July 15, 2015.
- USGS. 2004. Aquatic Cycling of Mercury in the Everglades. Washington (DC): U.S. Geological Survey (USGS). http://sofia.usgs.gov/projects/index.php?project_url=evergl_merc Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- USGS. 2015. Non-Indigenous Aquatic Species (NAS) Database. Reston (VA): U.S. Geological Survey (USGS). <http://nas.er.usgs.gov/> Accessed July 15, 2015.
- USGS. 2017. NAS - Nonindigenous Aquatic Species Database. Reston (VA): U.S. Geological Survey (USGS). <https://nas.er.usgs.gov/> Accessed March 10, 2017.
- USSC. 2013. Koontz v. St. Johns River Water Management District, 11-1447 U.S. Supreme Court. http://www.supremecourt.gov/opinions/12pdf/11-1447_4e46.pdf Accessed July 15, 2015.
- UTAS. 2013. Peracarida. Hobart, Tasmania, Australia: University of Tasmania (UTAS), Institute for Marine and Antarctic Studies (IMAS). <http://www.imas.utas.edu.au/zooplankton/image-key/malacostraca/peracarida> Accessed July 15, 2015.
- Vail CS. 2016. An Overview of Increasing Incidents of Bottlenose Dolphin Harassment in the Gulf of Mexico and Possible Solutions. . Front. Mar. Sci.; 3(<http://doi.org/10.3389/fmars.2016.00110>) Accessed July 4, 2017.
- Valiela I. 1995. Marine Ecological Processes. 2nd edition. New York (NY): Springer-Verlag. p 325 ISBN: 978-0387943213. <http://www.springer.com/life+sci/ecology/book/978-0-387-94321-3> Accessed July 15, 2015.
- Van Bresse MF, Duignan P, Banyard A, Barbieri M, Colegrove KM, De Guise S, Di Guardo G. 2014. Cetacean Morbillivirus: Current Knowledge and Future Directions. Viruses; 6(12):<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4276946/> Accessed May 10, 2017.
- Van Wezel AP, Opperhuizen A. 1995. Narcosis Due to Environmental Pollutants in Aquatic Organisms: Residue-Based Toxicity, Mechanisms, and Membrane Burdens. Critical Reviews in Toxicology; 25(3):255-279. <http://dx.doi.org/10.3109/10408449509089890> Accessed July 15, 2015.
- Verween A, Kerckhof F, Vincx M, Degraer S. 2006. First European Record of the Invasive Brackish Water Clam *Rangia cuneata* (G.B. Sowerby I, 1831) (Mollusca: Bivalvia). Aquatic Invasions; 1(4):198-203. http://www.aquaticinvasions.net/2006/AI_2006_1_4_Verween_etal.pdf Accessed July 15, 2015.
- Vittor BA. 2001. St. Johns River Benthic Community Assessment 2002. Mobile (AL): U.S. Department of Commerce. Accessed July 15, 2015.
- Vittor BA. 2003. St. Johns River Benthic Community Assessment 2001-2002. Mobile (AL): U.S. Department of Commerce. Accessed July 15, 2015.
- Voulvoulis N, Scrimshaw MD, Lester JN. 2000. Occurrence of Four Biocides Utilized in Antifouling Paints, as Alternatives to Organotin Compounds, in Waters and Sediments of a Commercial Estuary in the UK. Marine Pollution Bulletin; 40(11):938-946. <http://www.sciencedirect.com/science/article/pii/S0025326X00000345> Accessed July 15, 2015.
- Wainwright D. 2005a. TMDL Report: Fecal Coliform TMDL for Butcher Pen Creek, WBID 2322. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/butcher-pen-creek-fecal-tmdl.doc> Accessed July 15, 2015.
- Wainwright D. 2005b. TMDL Report: Fecal Coliform TMDL for Goodbys Creek (WBID 2326). Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/tmdl_document2326.pdf Accessed July 15, 2015.
- Wainwright D. 2006a. TMDL Report: Fecal and Total Coliform TMDLs for the Ribault River (WBID 2224). Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/tmdl_document2224.pdf Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- Wainwright D. 2006b. TMDL Report: Fecal Coliform and Total Coliform TMDL for Moncrief Creek (WBID 2228). Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/tmdl_document2228.pdf Accessed July 15, 2015.
- Wainwright D. 2006c. TMDL Report: Fecal Coliform and Total Coliform TMDL for Wills Branch (WBID 2282). Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/tmdl_document2282.pdf Accessed July 15, 2015.
- Wainwright D. 2006d. TMDL Report: Fecal Coliform TMDL for Hogan Creek (WBID 2252). Tallahassee (FL): Florida Department of Environmental Protection (DEP). http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/tmdl_document2252.pdf Accessed July 15, 2015.
- Wainwright D, Hallas JF. 2009a. Final TMDL Report: Fecal Coliform TMDL for Big Fishweir Creek, WBID 2280. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/bigfishwircreekfecalfinal.pdf> Accessed July 15, 2015.
- Wainwright D, Hallas JF. 2009b. Final TMDL Report: Fecal Coliform TMDL for Open Creek, WBID 2299. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/opencreekfecalfinal.pdf> Accessed July 15, 2015.
- Wainwright D, Hallas JF. 2009c. Final TMDL Report: Fecal Coliform TMDLs for Trout River, WBIDs 2203A and 2203. Tallahassee (FL): Florida Department of Environmental Protection (DEP). <http://www.dep.state.fl.us/water/tmdl/docs/tmdls/final/gp2/troutriverinfecal.pdf> Accessed July 15, 2015.
- Walsh MT, Beusse D, Bossart GD, Young WG, Odell DK, Patton GW. 1988. Ray encounters as a mortality factor in Atlantic bottlenose dolphins (*Tursiops truncatus*). *Mar Mamm Sci.*; 4(154-162. Accessed May 10, 2017.
- Wang W-X, Guo L. 2000. Bioavailability of Colloid-Bound Cd, Cr, and Zn to Marine Plankton. *Marine Ecology Progress Series*; 202(1):41-49. <http://dx.doi.org/10.3354/meps202041> Accessed July 15, 2015.
- Ward A, Gibson QA. 2017. The ranging patterns of female St. Johns River bottlenose dolphins (*Tursiops truncatus*) differ based on reproductive state. Abstract - Southeast and Mid-Atlantic Marine Mammal Symposium. https://seamamms.files.wordpress.com/2017/04/abstract-book_final1.pdf Accessed May 12, 2017.
- Warren C. 2005. Davis J E, Arsenault R. *Paradise Lost? An Environmental History of Florida*. Gainesville (FL): University Press of Florida. 978-0-813-02826-2 Chapter 7: 'Nature's Navels' - An Overview of the Many Environmental Histories of Florida Citrus. p 177-200. <http://www.upf.com/book.asp?id=DAVISF05> Accessed July 15, 2015.
- Watkins B. 1992. Florida Governor's Nomination of the Lower St. Johns River Estuary to the National Estuary Program. Washington (DC): U.S. Environmental Protection Agency (EPA). <https://sjrda.unf.edu/items/view/sjrda:555> Accessed July 15, 2015.
- Weiss RF. 1970. The Solubility of Nitrogen, Oxygen, and Argon in Water and Seawater. *Deep Sea Research*; 17(4):721-735. <http://www.sciencedirect.com/science/article/pii/0011747170900379> Accessed July 15, 2015.
- Wells RS. 2003. Dolphin social complexity: lessons from long-term study and life history. In: "Animal social complexity: intelligence, culture, and individualized societies. Cambridge, MA: Harvard University Press. p 32-56 Accessed March 10, 2017.
- Wells RS. 2009. Learning from nature: Bottlenose dolphin care and husbandry. *Zoo Biology*; 28(1-17. Accessed May 9, 2017.

LOWER SJR REPORT 2017 – REFERENCES

- Wells RS, Allen JB, Lovewell G, Gorzelany J, Delynn RE. 2015. Carcass-recovery rates for resident bottlenose dolphins in Sarasota Bay, FL. *Mar Mamm Sci*; 31(1):355-368. <http://onlinelibrary.wiley.com/doi/10.1111/mms.12142/full> Accessed July 4, 2017.
- Wells RS, Scott MD. 1999. Ridgway S H, Harrison R. Handbook of Marine Mammals. San Diego (CA): Academic Press. Bottlenose dolphin *Tursiops truncatus* (Montagu, 1821). p Accessed May 10, 2017.
- Wells RS, Scott MD. 2009. Common bottlenose dolphin. Encyclopedia of Marine Mammals, 2nd Ed. Wursig B, Perrin W, Thewissen J G M. San Diego (CA). Academic Press. Accessed May 9, 2017.
- Welsh P. 2008. AWIS Laboratory Director. *Personal Communication* to McCarthy H.
- Werely J. 2016. Mile Point Completes Dredging Cannel, Next Phase Underway. Jacksonville (FL): <http://www.bizjournals.com/jacksonville/news/2016/04/27/mile-point-completes-dredging-next-phase-underway.html> Accessed March 17, 2017.
- Weston NB. 2014. Declining Sediments and Rising Seas: an Unfortunate Convergence for Tidal Wetlands. *Estuaries and Coasts*; 37(1):1-23. <http://dx.doi.org/10.1007/s12237-013-9654-8> Accessed July 15, 2015.
- Wetzel RG. 1999. Biodiversity and Shifting Energetic Stability Within Freshwater Ecosystems. *Archiv für Hydrobiologie: Special Issues of Advanced Limnology*; 54(1):19-32. Accessed July 15, 2015.
- Wetzel RG. 2001. Limnology: Lake and River Ecosystems. San Diego (CA): Elsevier/Academic Press. ISBN: 978-0127447605 Chapter 9 - Oxygen. p 205-286. <http://www.elsevierdirect.com/product.jsp?isbn=9780127447605> Accessed July 15, 2015.
- Wetzel RG, Likens GE. 2000. Limnological Analyses. 3rd edition. New York (NY): Springer-Verlag. p 429 ISBN: 978-0387989280. <http://www.springer.com/life+sci/ecology/book/978-0-387-98928-0> Accessed July 15, 2015.
- White AQ, Pinto GF. 2006a. The Clay County Manatee Protection Plan. Green Cove Springs (FL): Clay County Board of Commissioners, Clay County Planning Department. <http://www.claycountygov.com/home/showdocument?id=652> Accessed July 15, 2015.
- White AQ, Pinto GF. 2006b. The Duval County Manatee Protection Plan. Jacksonville (FL): City of Jacksonville (COJ), Jacksonville Waterways Commission (JWC). <http://www.coj.net/city-council/jacksonville-waterways-commission/jwc-mpp.aspx> Accessed July 15, 2015.
- White AQ, Pinto GF. 2014. Annual Update on the Duval County Manatee Protection Plan. Jacksonville (FL): City of Jacksonville (COJ), Jacksonville Waterway Commission (JWC). <http://www.coj.net/departments/planning-and-development/docs/community-planning-division/manatee/2014-08-14-final-jax-mpp-3rd.aspx> Accessed July 15, 2015.
- White AQ, Pinto GF, Luther ML. 2009. St. Johns River-In the Balance. Jacksonville (FL): City of Jacksonville (COJ), Environmental Protection Board (EPB). Accessed July 15, 2015.
- White AQ, Pinto GF, Robison AP. 2002. Seasonal Distribution of Manatees, *Trichechus manatus latirostris*, in Duval County and Adjacent Waters, Northeast Florida. *Florida Scientist*; 65(3):208-221. <https://sjrda.unf.edu/items/view/sjrda:559> Accessed July 15, 2015.
- White WR, Crisman TL. 2014. Headwater Streams of Florida: Types, Distributions and a Framework for Conservation. *River Research and Applications*; Early View(<http://dx.doi.org/10.1002/rra.2845> Accessed July 15, 2015).
- WHO. 1991. Environmental Health Criteria No 118: Inorganic Mercury. Geneva (Switzerland): World Health Organization (WHO). <http://www.inchem.org/documents/ehc/ehc/ehc118.htm> Accessed July 15, 2015.

LOWER SJR REPORT 2017 – REFERENCES

- WHO. 1995. Environmental Health Criteria No 165: Inorganic Lead. Geneva (Switzerland): World Health Organization (WHO). <http://www.inchem.org/documents/ehc/ehc/ehc165.htm> Accessed July 15, 2015.
- Williams CD, Aubel MT, Chapman AD, D'Aiuto PE. 2007. Identification of Cyanobacterial Toxins in Florida's Freshwater Systems. *Lake and Reservoir Management*; 23(2):144-152. <http://dx.doi.org/10.1080/07438140709353917> Accessed July 15, 2015.
- Williams CD, Burns JW, Chapman AD, Flewelling L, Pawlowicz M, Carmichael W. 2001. Assessment of Cyanotoxins in Florida's Lakes, Reservoirs, and Rivers. Final Report. Palatka (FL): St. Johns River Water Management District (SJRWMD). <https://sjrda.unf.edu/items/forward/sjrda:459> Accessed July 15, 2015.
- Williams CD, Burns JW, Chapman AD, Pawlowicz M, Carmichael W. 2006. Assessment of Cyanotoxins in Florida's Surface Waters and Associated Drinking Water Resources. Final Report. Palatka (FL): St. Johns River Water Management District (SJRWMD). https://www.researchgate.net/publication/268058092_Assessment_of_Cyanotoxins_in_Florida%27s_Surface_Waters_and_Associated_Drinking_Water_Resources Accessed July 15, 2015.
- Williams R, Gero S, Bejder L, Calambokidis J, Kraus SD, Lusseau D, Read AJ, Robbins J. 2011. Underestimating the damage: interpreting cetacean carcass recoveries in the context of the Deepwater Horizon/BP incident. *Conservation Letters*; 4(228-233). Accessed May 10, 2017.
- Wilson B, Arnold H, Bearzi G, Fortuna CM, Gaspar R, S. I, Liret C, Pribanic S, Read AJ, Ridoux V, Schneider K, Urian KW, Wells RS, Wood C, Thompson PM, Hammond PS. 1999. Epidermal diseases in bottlenose dolphins: impacts of natural and anthropogenic factors. *Proc. R. Soc. Lond. B*; 266(1077-1083). <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1689944/pdf/10380684.pdf> Accessed May 10, 2017.
- Woodwell GM, Wurster Jr. CF, Isaacson PA. 1967. DDT Residues in an East Coast Estuary: A Case of Biological Concentration of a Persistent Insecticide. *Science*; 156(3776):821-824. <http://dx.doi.org/10.1126/science.156.3776.821> Accessed July 15, 2015.
- Worth JE, Thomas DH. 1995. *Anthropological Papers of the American Museum of Natural History: The Struggle for the Georgia Coast: an 18th-Century Spanish Retrospective on Guale and Mocama*. New York (NY): American Museum of Natural History. p 222 ISBN: 978-0820317458. <http://hdl.handle.net/2246/270> Accessed July 15, 2015.
- Wright RT, Nebel BJ. 2008. Wright R T. *Environmental Science*. Upper Saddle River (NJ): Prentice Hall. ISBN: 978-0-132-30265-4 Section 3.3 - The Cycling of Matter in Ecosystems. p 67-70. <http://www.pearsonhighered.com/academic/product?ISBN=0132302659> Accessed July 15, 2015.
- Wursig B. 2009. *Encyclopedia of Marine Mammals, 2nd Ed.* Perrin W, Thewissen J G M. San Diego (CA). Academic Press. Accessed May 9, 2017.
- Zappalorti RT. 2008. Where Have All the Indigo Snakes Gone? *Florida Wildlife Magazine*; 61(Jan/Feb):56-59. <https://sjrda.unf.edu/items/view/sjrda:561> Accessed July 15, 2015.
- Zlotkin E. 1999. The Insect Voltage-Gated Sodium Channel as Target of Insecticides. *Annual Review of Entomology*; 44(429-455). <http://dx.doi.org/10.1146/annurev.ento.44.1.429> Accessed July 15, 2015.
- Zwick PD, Carr MH. 2006. *Florida 2060: A Population Distribution Scenario for the State of Florida*. Gainesville (FL): University of Florida, GeoPlan Center. <http://www.1000friendsofflorida.org/wp-content/themes/1000freinds/formpop/download.php?file=pops/florida-2060/2060-executive-summary-Final.pdf> Accessed July 15, 2015.