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FOREWORD

This bibliography attempts to be fairly complete for references to botanical subject matter directly pertinent to Everglades National Park, Big Cypress National Preserve, Biscayne National Monument, and Fort Jefferson National Monument. It is, nevertheless, far from complete in references on taxonomic botany, but emphasizes work on rare and endemic taxa. References of a general nature or those specific to other tropical ecosystems have been included in instances where I feel that they are particularly useful in botanical studies in South Florida.

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- Abrahamson, W. G. 1979. Patterns of resource allocation in wildflower populations of fields and woods. *Amer. Jour. Bot.* 66(1):71-79.
- Adams, C. A., M. J. Oesterling, S. C. Snedaker, and W. Seaman. 1973. The role of the mangrove ecosystems: quantitative dietary analyses for selected dominant fishes in the Ten Thousand Islands, Florida. University of Florida, Gainesville. 58 p. PB-231 747.
- Adams, C. D. 1972. Flowering Plants of Jamaica. Univ. of the West Indies, Mona, Jamaica. 848 p.
- Adams, D. C. and P. B. Tomlinson. 1979. Acrostichum in Florida. *Amer. Fern Jour.* 69(2):42-46.
- Adams, R. M. 1975. The reproductive biology of the epiphytic orchids of Florida--I. A Statement of the problem. *Amer. Orchid Soc. Bull.* 45:699-707.
- Adams, R. M. and G. J. Goss. 1975. The reproductive biology of the epiphytic orchids of Florida--II. A method for observing night-pollination. *Amer. Orchid Soc. Bull.* 45:1091-1093.
- Adams, R. M. and G. J. Goss. 1976. The reproductive biology of the epiphytic orchids of Florida III.--Epidendrum anceps Jacquin. *Amer. Orchid. Soc. Bull.* 46:488-492.
- Affeltranger, C. 1971. The red heart disease of southern pines. Pages 96-99 in R. L. Thompson, ed. The ecology and management of the red-cockaded woodpecker. U.S. Bur. Sport Fish. Wildl. and Tall Timbers Res. Stn., Tallahassee, Fla.
- Alexander, T. R. 1953. The largest mahogany tree. *Evergl. Nat. Hist.* 1(1):6-10.
- Alexander, T. R. 1953. Plant succession on Key Largo, involving Pinus caribaea and Quercus virginiana. *Quart. Jour. Fla. Acad. Sci.* 16:133-138.
- Alexander, T. R. 1955. Observations on the ecology of the low hammocks of southern Florida. *Quart. Jour. Fla. Acad. Sci.* 18:21-27.
- Alexander, T. R. 1958. High hammock vegetation of the southern Florida mainland. *Quart. Jour. Fla. Acad. Sci.* 21(4):293-298.
- Alexander, T. R. 1958. Ecology of the Pompano Beach Hammock. *Quart. Jour. Fla. Acad. Sci.* 21(4):299-304.
- Alexander, T. R. 1967. A tropical hammock on the Miami (Florida) limestone: a twenty-five year study. *Ecology* 48(5):863-867.
- Alexander, T. R. 1967. Effects of Hurricane Betsy on the Southeastern Everglades. *Quart. Jour. Fla. Acad. Sci.* 39(1):10-24.
- Alexander, T. R. 1968. Acacia choriophylla, a tree new to Florida. *Quart. Jour. Fla. Acad. Sci.* 31:197-198.

- Alexander, T. R. 1971. Sawgrass biology related to the future of the Everglades ecosystem. Soil Crop Sci. Soc. Fla. Proc. 31:72-74.
- Alexander, T. R. 1974. Schizea germanii rediscovered in Florida. Amer. Fern Jour. 64:30.
- Alexander, T. R. 1974. Evidence of recent sea-level rise derived from ecological studies on Key Largo, Florida. Pages 219-222 in P. J. Gleason, ed. Environments of South Florida: Present and Past. Miami Geol. Soc. Mem. 2.
- Alexander, T. R., and A. G. Crook. 1973. Recent and long-term vegetation changes and patterns in South Florida: Part I: Preliminary report. South Florida Environmental Project. University of Miami, Coral Gables, Fla. 224 p. PB-231 939.
- Alexander, T. R., and A. G. Crook. 1974. Recent vegetational changes in South Florida. Pages 61-72 in P. J. Gleason, ed. Environments of South Florida: Present and Past. Miami Geol. Soc. Mem. 2.
- Alexander, T. R. and A. G. Crook. 1975. Recent and long-term vegetation changes and patterns in South Florida, Part II. Final Report, South Florida Ecological Study. 827 p.
- Alexander, T. R. and J. D. Dickson. 1970. Vegetational changes in the National Key Deer Refuge. Quart. Jour. Fla. Acad. Sci. 33(2):81-89.
- Alexander, T. R. and J. D. Dickson. 1972. Vegetational changes in the National Key Deer Refuge II. Quart. Jour. Fla. Acad. Sci. 35(2):85-96.
- Armstrong, W. 1975. Waterlogged soils. Pages 181-218 in J. R. Etherington (ed.), Environment and Plant Ecology. John Wiley and Sons, New York.
- Asprey, G. F., and R. G. Robbins. 1953. The vegetation of Jamaica. Ecol. Monogr. 23:359-412.
- Austin, D. F. 1976. Vegetation of southeastern Florida-I. Pine Jog. Fla. Sci. 39:230-235.
- Austin, D. F. 1976. Vegetation changes in the Spanish River area of Boca Raton. Florida Scientist 39 (Suppl. 1):7.
- Austin, D. F. 1977. Vegetation of southeastern Florida. III. Yamato scrub. Fla. Sci. 40(4):338-345.
- Austin, D. F. 1977. Vegetation of southeastern Florida--V. Boca Raton Inlet. Fla. Sci. 40(4):353-361.
- Austin, D. F. 1978. Exotic plants and their effects in southeastern Florida. Environ. Conserv. 5(1):25-34.
- Austin, D. F. 1978. The coconut in Florida. Principes 22(3):83-87.
- Austin, D. F., and K. Coleman. 1977. Vegetation of southeastern Florida--II. Boca Raton Hammock site. Fla. Sci. 40(4):331-338.

- Austin, D. F., and D. M. McJunkin. 1978. An ethnoflora of Chokoloskee Island, Collier County, Florida. *Jour. Arnold Arbor.* 59(1):50-67.
- Austin, D. F., and R. L. Oliver. 1974. Sisyrinchium solstitiale (Iridaceae): a Florida endemic. *Jour. Arnold Arbor.* 55(2):291-299.
- Austin, D. F. and D. R. Richardson. 1977. Vegetation of southeastern Florida--IV. Butts Hammock. *Fla. Sci.* 40(4):345-353.
- Austin, D. F. and J. G. Weise. 1972. Annotated checklist of the Boynton Beach Hammock. *Quart. Jour. Fla. Acad. Sci.* 35:145-154.
- Avery, G. N., and L. L. Loope. 1980. Plants of Everglades National Park: a preliminary checklist of vascular plants. U.S. National Park Service, South Florida Research Center Report T-574. 41 p.
- Avery, G. N. and L. L. Loope. 1980. Endemic taxa in the flora of South Florida. South Florida Research Center Report T-558. 39 p.
- Bailey, L. H. 1935. The royal palms--preliminary survey. *Gentes Herbarum* 3:341-387.
- Bailey, L. H. 1938. Thrinax--the peaberry palms. *Gentes Herbarum* 4:129-149.
- Bailey, L. H. 1939. Coccothrinax of Florida. *Gentes Herbarum* 4:220-225.
- Bailey, L. H. and E. Z. Bailey. 1976. Hortus Third: A Concise Dictionary of Plants Cultivated in the United States and Canada. Revised and expanded by the Staff of the L. H. Bailey Hortorium, Cornell Univ. McMillan Publ. Co., New York. 1290 p.
- Baker, H. G. 1965. Characteristics and modes of origin of weeds, p. 147-172. In The Genetics of Colonizing Species, H. G. Baker and G. L. Stebbins, ed., Academic Press, New York. 431 p.
- Baker, M. E. 1972. Florida wildflowers. Macmillan, New York. 245 p.
- Ball, M. C. 1980. Patterns of secondary succession in a mangrove forest of southern Florida. *Oecologia* 44(2):226-235.
- Banner, F. T. 1974. Taxodium. Pages 796-798 in Seeds of woody plants in the United States. U.S. Dept. Agric. Agric. Handb. 450 p.
- Barbour, T. 1944. That Vanishing Eden--A Naturalist's Florida. Little, Brown and Co. Boston. 250 p.
- Barbour, W. R. 1942. Forest types of tropical America. *Caribbean Forester* 3:137-150.
- Barkley, F. A. 1937. A monographic study of Rhus and its immediate allies in North and Central America, including the West Indies. *Ann. Mo. Bot. Gard.* 24(3):265-498.

- Barnes, R. L. and C. W. Ralston. 1955. Soil factors related to growth and yield of slash pine plantations. Inst. Food and Agric. Sci. Agric. Exp. Stn. Bull. 559. Univ. of Fla., Gainesville.
- Baronowski, R. M. 1958. The royal palm bug. *Principes* 2:72-73.
- Barrett, S. C. H. 1979. The evolutionary breakdown of tristily in Eichhornia crassipes (Mart.) Solms (Water hyacinth). *Evolution* 33(1):499-510.
- Bawa, K. S., and P. A. Opler. 1975. Dioecism in tropical forest trees. *Evolution* 29:167-179.
- Bawa, K. S. and P. A. Opler. 1977. Spatial relationships between staminate and pistillate plants of dioecious tropical forest trees. *Evolution* 31:64-68.
- Bawa, K. S. and P. A. Opler. 1978. Why are pistillate inflorescences of Simarouba glauca eaten less than staminate inflorescences? *Evolution* 32(3):673-676.
- Bayley, S., and H. T. Odum. 1971. Simulation of a model of sawgrass marsh with peat, fire, water, and phosphorus. South Florida Environmental Project. University of Florida, Gainesville. 38 p. PB-231 668.
- Beard, D. B. 1938. Everglades National Park project. National Park Service. Report on file at Everglades National Park. 106 p.
- Beard, J. S. 1944. Climax vegetation in tropical America. *Ecology* 25(2):127-158.
- Beard, J. S. 1955. The classification of tropical American vegetation types. *Ecology* 36(1):89-100.
- Beckner, J. 1953. Schizea germanii in Florida. *Amer. Fern Jour.* 43:124-125.
- Bellamy, T. R., and H. A. Knight. 1970. Forest statistics for South Florida, 1970. U.S. For. Serv. Resource Bull. SE-16. 35 p.
- Benedict, F. F. 1976. Herbivory rates and leaf properties in four forests in Puerto Rico and Florida. M.S. Thesis, University of Florida, Gainesville. 78 p.
- Benson, L. 1969. The Cacti of the United States and Canada - new names and nomenclatural combinations--I. *Cactus and Succ. Jour. Amer.* 41:124-128.
- Benzing, D. H. 1970. Foliar permeability and the absorption of minerals and organic nitrogen by certain tank bromeliads. *Bot. Gaz.* 131:23-31.
- Benzing, D. H. 1973. The monocotyledons: their evolution and comparative biology. I. Mineral nutrition and related phenomena in Bromeliaceae and Orchidaceae. *Quart. Rev. Biol.* 48(2):277-290.
- Benzing, D. H. 1978. The nutritional status of three Encyclia tampensis (Lindl.) Small populations in South Florida. *Selbyana* 2(2-3):224-229.
- Benzing, D. H. 1978. The life history profile of Tillandsia circinnata (Bromeliaceae) and the rarity of extreme epiphytism among the angiosperms. *Selbyana* 2(4):325-337.

- Benzing, D. H. 1978. Germination and early establishment of Tillandsia circinnata Schlecht. (Bromeliaceae) on some of its hosts and other supports in southern Florida. *Selbyana* 5(1):95-106.
- Benzing, D. H. and K. M. Burt. 1970. Foliar permeability among twenty species of the Bromeliaceae. *Bull. Torrey Bot. Club* 97(5):269-279.
- Benzing, D. H. and E. A. Davidson. 1979. Oligotrophic Tillandsia circinnata Schlecht. (Bromeliaceae): An assessment of its patterns of mineral allocation and reproduction. *Amer. Jour. Bot.* 66(4):386-397.
- Benzing, D. H., K. Henderson, B. Kessel, and J. Sulak. 1976. The absorptive capacities of bromeliad trichomes. *Amer. Jour. Bot.* 63(7):1009-1014.
- Benzing, D. H. and A. Renfrow. 1971. The biology of the atmospheric bromeliad Tillandsia circinnata Schlecht. I. The nutrient status of populations in southern Florida. *Amer. Jour. Bot.* 58(9):867-873.
- Benzing, D. H. and A. Renfrow. 1971. Significance of the patterns of CO₂ exchange to the ecology and phylogeny of the Tillandsioideae (Bromeliaceae). *Bull. Torrey Bot. Club* 98:322-327.
- Benzing, D. H. and A. Renfrow. 1971. The significance of photosynthetic efficiency to habitat preference and phylogeny among tillandsioid bromeliads. *Bot. Gaz.* 132(1):19-30.
- Benzing, D. H. and A. Renfrow. 1974. The nutritional status of Encyclia tampensis and Tillandsia circinnata on Taxodium ascendens and the availability of nutrients to epiphytes on this host in South Florida. *Bull. Torrey Bot. Club* 101:191-197.
- Benzing, D. H. and A. Renfrow. 1974. The mineral nutrition of Bromeliaceae. *Bot. Gaz.* 135:281-288.
- Benzing, D. H. and J. Seeman. 1978. Nutritional piracy and host decline: a new perspective on the epiphyte-host relationship. *Selbyana* 2(2-3):133-148.
- Benzing, D. H., J. Seeman, and A. Renfrow. 1978. The foliar epidermis in Tillandsioideae (Bromeliaceae) and its role in habitat selection. *Amer. Jour. Bot.* 65(3):359-365.
- Bessey, E. A. 1911. The hammocks and Everglades of southern Florida. *Plant World* 14:268-276.
- Bethune, J. E. 1960. Distribution of slash pine as related to certain climatic factors. *For. Sci.* 6:11-17.
- Bethune, J. E. 1966. Performance of two slash pine varieties in South Florida. U.S. For. Serv. Southeast For. Exp. Stn. Res. Pap. SE-24.
- Bethune, J. E., and G. H. Bepting. 1963. Pitch canker damage to South Florida slash pine. *Jour. Forestry* 61:517-522.
- Bethune, J. E., and O. G. Langdon. 1966. Seed sources, seed size, and seedling grade relationships in South Florida slash pine. *Jour. Forestry* 64:120-124.

- Birnhak, B. I., and J. P. Crowder. 1974. An evaluation of the extent of vegetative habitat alteration in South Florida 1943-1970. South Florida Environmental Project. U.S. Bur. Sport Fish. Wildl., Atlanta, Ga. 27 p. PB-231 621.
- Biscayne Bay Symposium, 1st, University of Miami. 1976. Biscayne Bay: Past/Present/Future. A. Thorhaug and A. Volker, eds. Univ. Miami Sea Grant Spec. Rept. 5. 314 p.
- Black, D. and S. Black. 1980. Plants of Big Cypress National Preserve: a preliminary checklist of vascular plants. South Florida Research Center Report T-587.
- Blatchley, W. S. 1932. In days agone: notes on fauna and flora of subtropical Florida in the days when most of its area was primeval wilderness. Nature Publishing Co., Indianapolis, Ind. 338 p.
- Bock, J. H. 1966. An ecological study of Eichhornia crassipes with special emphasis on its reproductive biology. Ph.D. Dissertation. Univ. of California, Berkeley. 175 p.
- Bock, W. D. 1967. Monthly variation in the foraminiferal biofacies of Thalassia and sediment in the Big Pine Key Area, Florida. Ph.D. Thesis. Univ. of Miami. 304 p.
- Bormann, F. H. and G. E. Likens. 1979. Pattern and Process in a Forested Ecosystem. Springer-Verlag. New York. 253 p.
- Bourn, W. S. 1935. Sea-water tolerance of Ruppia maritima L. Contr. Boyce Thompson Inst. 7(3):249-255.
- Bowman, H. H. M. 1918. Botanical ecology of the Dry Tortugas. Carnegie Inst. Wash. Papers Dept. Marine Biol., 12:111-138.
- Bratton, S. P. and P. S. White. 1980. Rare plant management--after preservation what? Rhodora 82:49-75.
- Breen, R. S. 1963. Mosses of Florida. Univ. of Fla. Press. 273 p.
- Brendel, F. 1874. Notes on the flora of southern Florida. Am. Nat. 8:449-452.
- Brezonik, P. L., E. S. Edgerton, and C. D. Hendry. 1980. Acid precipitation and sulfate deposition in Florida. Science 208 (4447):1027-1029.
- Britton, N. L. 1904. Explorations in Florida and the Bahamas. N.Y. Bot. Gard. Jour. 5:129-136.
- Britton, N. L. and C. F. Millspaugh. 1920. The Bahama Flora. (Reissued by Hafner Publ. Co. for New York Botanical Garden, New York, 1962. 695 p.).
- Brock, T. D. 1970. Photosynthesis by algal epiphytes of Utricularia in Everglades National Park. Bull. Mar. Sci. 20(4):952-956.
- Browder, J. 1974. Poison apple of the Everglades. Nat. Parks and Conserv. 48(2):22-24.

- Browder, J. 1975. Energy flow unit model and vegetation survey of a tropical hammock of the Florida Keys. Unpublished ms.
- Browder, J. A., S. Black, and D. Black. 1979. Comparison of laboratory growth of Hyla squirella tadpoles fed three different types of periphyton. Report to Everglades National Park.
- Browder, J. A., S. Black, P. B. Schroeder, et al. 1980. A study of ecological relationships of the periphyton of the southern Everglades. Draft Final Report to National Park Service.
- Brown, B. J. 1978. Some factors affecting salt movement in a mangrove ecosystem. Botany Department, Univ. of Florida, Gainesville. 13 p.
- Brown, J. M. A., H. A. Outred, and C. F. Hill. 1969. Respiratory metabolism in mangrove seedlings. *Plant Physiol.* 44(2):287-294.
- Brown, K. E. 1973. Biological life history and geographical distribution of the cabbage palm, Sabal palmetto. Ph.D. Dissertation, Dept. Botany, North Carolina State Univ., Raleigh. 101 p.
- Brown, N. C. 1909. Preliminary examination of the forest conditions of Florida. Report to the State of Florida. U.S. For. Serv. 86 p.
- Brown, N. C. 1912. The tropical or Antillean region of Florida. *Forestry Quarterly* 10:673-678.
- Bunt, J. S., K. E. Cooksey, and M. A. Heeb. 1970. Assay of algal nitrogen fixation in the marine subtropics by acetylene reduction. *Nature (Lond.)* 227(52963): 1163-1164.
- Burch, D. G. 1966. The genus Poinsettia in Florida. *Ann. Missouri Bot. Gard.* 53:375-384.
- Burch, D. G. 1966. Two new species of Chamaesyce, new combinations, and a key to the Caribbean members of the genus. *Ann. Missouri Bot. Gard.* 53:90-99.
- Burch, D., R. P. Wunderlin, and D. B. Ward. 1975. Contributions to the flora of Florida-9: Psychotria (Rubiaceae). *Castanea* 40:273-279.
- Burkholder, P. R. and G. H. Bornside. 1975. Decomposition of marsh grass by aerobic marine bacteria. *Bull. Torrey Bot. Club* 84(5):366-383.
- Burns, L. A. 1976. Ecosystem models of mangrove communities in Biscayne Bay. Pages 113-132 in Biscayne Bay Symposium, Univ. of Miami, 1976. Past/Present/Future. Miami Sea Grant Sea Grant Spec. Rept. 5.
- Burns, L. A. 1978. Productivity, biomass, and water relations in a Florida cypress forest. Ph.D. Dissertation. Dept. of Zoology, Univ. North Carolina, Chapel Hill. 214 p.
- Burr, D. Y. 1977. Value and water budget of cypress wetlands in Collier County, Florida. M.S. Thesis. Univ. of Florida, Gainesville. 112 p.

- Burton, G. W., and R. H. Hughes. 1961. Effects of burning and 2, 4, 5-T on gallberry and saw palmetto. *Jour. Forestry* 59:497-500.
- Brown, S. 1978. A comparison of cypress ecosystems in the landscape of Florida. Ph.D. Dissertation, Univ. of Florida, Gainesville. 571 p.
- Brown, T. W. 1963. The ecology of cypress heads in north-central Florida. M.S. Thesis, Dept. of Botany, Univ. of Florida, Gainesville. 60 p.
- Bryan, K. 1928. Change in plant associations by change in ground water level. *Ecology* 9:474-478.
- Buswell, W. M. 1937. Orchids of Big Cypress. *Amer. Jour. Bot.* 43:147-153.
- Buswell, W. M. 1942. Goldenrods of south Florida. Univ. of Miami, Coral Gables, Fla. 14 p.
- Buswell, W. M. 1945. Native orchids of south Florida. Univ. of Miami, Coral Gables, Fla. 29 p.
- Buswell, W. M. 1945. Native trees and palms of south Florida. *Univ. Miami Bull.* 19(6):1-53.
- Buswell, W. M. 1946. Native shrubs of south Florida. Univ. of Miami, Coral Gables, Fla. 47 p.
- Byrne, R. 1980. Man and the variable vulnerability of island life. A study of recent vegetation change in the Bahamas. *Atoll Res. Bull.* No. 240, 200 p.
- Campbell, R. S., and W. Keller, eds. 1973. Range resources of the southeastern United States. *Am. Soc. Agric., Inc.*, Special Publication 21, Madison, Wisc. 78 p.
- Capehart, B. L., J. Ewel, B. Sedlik, R. Myers, and J. Browder. 1977. Remote sensing survey of spread of Melaleuca. Center for Wetlands, Univ. of Florida, Gainesville. 113 p.
- Carlton, J. M. 1974. Land building and stabilization by mangroves. *Environ. Conserv.* 1(4):285-294.
- Carlton, J. M. 1975. A guide to common Florida salt marsh and mangrove vegetation. *Fla. Marine Res. Publ.* No. 6. 30 p.
- Carter, M. R., L. A. Burns, T. R. Cavinder, K. R. Dugger, P. L. Fore, D. B. Hicks, H. L. Revells, and T. W. Schmidt. 1973. Ecosystems analysis of the Big Cypress Swamp and estuaries. U.S. Environ. Prot. Agency No. D1-SFEP-74-51. 375 p.
- Cavalieri, A. J., and A. H. C. Huang. 1979. Evaluation of proline accumulation in the adaptation of diverse species of marsh halophytes to the saline environment. *Amer. Jour. Bot.* 66(3):307-312.
- Chapman, A. W. 1860. *Flora of southern United States*. New York.

- Chapman, A. W. 1878. An enumeration of plants - chiefly from the semi-tropical regions of Florida - which are either new or have not hitherto been recorded as belonging to the southern states. Bot. Gaz. 3:2-6, 9-12, 17-21.
- Chapman, V. J. 1942. A new perspective on the halophytes. Quart. Rev. Biol. 17(4):291-311.
- Chapman, V. J. 1962. Respiration studies of mangrove seedlings. I. Material and some preliminary experiments. Bull. Mar. Sci. Gulf Carib. 12(1):137-167.
- Chapman, V. J. 1962. Respiration studies of mangrove seedlings. II. Respiration in air. Bull. Mar. Sci. Gulf Carib. 12(2):245-263.
- Chellman, C. W. 1978. Pests and problems of South Florida trees and palms. Fla. Dept. Agr. and Cons. Serv., Div. Forestry. 103 p.
- Cintron, G., A. E. Lugo, D. J. Pool, and G. Morris. 1978. Mangroves of arid environments in Puerto Rico and adjacent islands. Biotropica 10(2):110-121.
- Cohen, A. D. 1968. The petrology of some peats of southern Florida. Ph.D. Thesis, Pennsylvania State Univ. 352 p.
- Cohen, A. D. 1974. Evidence of fires in the ancient Everglades and coastal swamps of southern Florida. Pages 213-218 in P. J. Gleason, ed. Environments of South Florida: Present and Past. Miami Geol. Soc. mem. 2.
- Cohen, A. D. and W. Spackman. 1974. The petrology of peats from the Everglades and coastal swamps of southern Florida. Pages 233-255 in P. J. Gleason, ed. Environments of South Florida: Present and Past. Miami Geol. Soc. Mem. 2.
- Coker, W. C. and H. R. Totten. 1945. Trees of southeastern states. 3d. ed. Univ. of North Carolina Press, Chapel Hill. 419 p.
- Conference on the Restoration of Coastal Vegetation in Florida, 2d, Tampa. 1975. Proceedings. R. R. Lewis, III. ed. Hillsborough Community College, Tampa, Fla. 203 p.
- Cook, O. F. 1910. History of the coconut palm in America. Contrib. U.S. Natl. Herb. 14(2):271-342.
- Cooley, G. R. 1955. The vegetation of Sanibel Island, Lee County, Florida. Rhodora 57(682):269-289.
- Cooley, G. R. 1963. Phoradendron rubrum in Florida. Rhodora 65:190-191.
- Correll, D. S. 1938. A county check-list of Florida ferns and fern allies. Amer. Fern Jour. 28:11-16, 46-54, 91-100.
- Correll, D. S. 1950. Native orchids of North America north of Mexico. Chronica Botanica Co., Waltham, Mass. 399 p.
- Correll, D. S. 1979. The Bahama Archipelago and its plant communities. Taxon 28:35-40.

- Correll, D. S. and H. B. Correll. 1972. Aquatic and Wetland Plants of Southwestern United States. Environmental Protection Agency. U.S. Govt. Print. Off. 1777 p.
- Cowardin, L. M., V. Carter, F. C. Golet, and E. T. LaRoe. 1979. Classification of wetland and deep water habitats of the United States. Report to U.S. Fish and Wildlife Serv., Office of Biological Services, Washington, D.C. 103 p.
- Cowles, S. W. 1975. Metabolism measurements in a cypress dome. M.S. Thesis. Univ. of Florida, Gainesville.
- Craighead, F. C., Sr. 1963. Orchids and Other Air Plants of the Everglades National Park. Univ. of Miami Press, Coral Gables, Fla. 127 p.
- Craighead, F. C., Sr. 1964. Land, mangroves and hurricanes. Fairchild Trop. Gard. Bull. 19(4):5-20.
- Craighead, F. C., Sr. 1968. The role of the alligator in shaping plant communities and maintaining wildlife in the southern Everglades. Part I. Fla. Nat. 41(1):2-7.
- Craighead, F. C., Sr. 1968. The role of the alligator in shaping plant communities and maintaining wildlife in the southern Everglades. Part II. Fla. Nat. 41(2):69-74.
- Craighead, F. C., Sr. 1969. Vegetation and recent sedimentation in Everglades National Park. Fla. Nat. 42(4):156-160, 165-166.
- Craighead, F. C., Sr. 1970. Two mysteries of the Everglades. Fla. Nat. 17:38.
- Craighead, F. C., Sr. 1971. The Trees of South Florida. Univ. of Miami Press, Coral Gables, Fla. 212 p.
- Craighead, F. C., Sr. 1973. The effects of natural forces on the development and maintenance of the Everglades, Florida. Natl. Geog. Soc. Res. Rept. 1966:49-67.
- Craighead, F. C., Sr. 1974. Hammocks of South Florida. Pages 53-60 in P. J. Gleason, ed. Environments of South Florida: Present and Past. Miami Geol. Soc. Mem. 2.
- Craighead, F. C., Sr. 1978. Ecological studies in southwest Florida. Natl. Geog. Soc. Res. Rept. 1969:89-101.
- Craighead, F. C., Sr., and V. C. Gilbert. 1961. A preliminary study and report on the effects of Hurricane Donna on the vegetation of the Everglades National Park. Everglades National Park Reference Library. 34 p.
- Craighead, F. C., Sr. and V. C. Gilbert. 1962. The effects of Hurricane Donna on the vegetation of southern Florida. Quart. Jour. Fla. Acad. Sci. 25(1):1-28.
- Crawford, R. M. M. 1966. The control of anaerobic respiration as a determining factor in the distribution of the genus Senecio. Jour. Ecol. 54:403-413.

- Crawford, R. M. M. and P. D. Tyler. 1969. Organic acid metabolism in relation to flooding tolerance in roots. *Jour. Ecol.* 57:235-243.
- Creager, D. B. 1962. A new Cerospora of Rhizophora mangle. *Mycologia* 54(5):536-539.
- Croat, T. B. 1969. Seasonal flowering behavior in Central Panama. *Ann. Missouri Bot. Gard.* 56:295-307.
- Croat, T. B. 1975. Phenological behavior of habit and habitat classes on Barro Colorado Island (Panama Canal Zone). *Biotropica* 7:270-277.
- Croat, T. B. 1978. *Flora of Barro Colorado Island*. Stanford Univ. Press.
- Croley, F. C., and C. J. Dawes. 1970. Ecology of the algae of a Florida Key. I. A preliminary checklist, zonation, and seasonality. *Bull. Mar. Sci.* 20(1): 165-185.
- Cronquist, A. 1980. *Vascular Flora of the Southeastern United States*. Vol. I. Asteraceae. Univ. of North Carolina Press, Chapel Hill. 261 p.
- Crow, T. R. 1980. A rainforest chronicle: a 30-year record of change in structure and composition at El Verde, Puerto Rico. *Biotropica* 12(1):4255.
- Crowder, J. P. 1974. Exotic pest plants of South Florida. South Florida Environmental Project. U.S. Bur. Sport Fish. Wildl., Atlanta, Ga. 51 p. PB-231 619.
- Curtiss, A. H. 1888. The flora of the Florida Keys. *Garden and Forest* 1:279-280.
- Curtiss, A. H. 1902. Among Florida ferns. *Plant World* 5:66-72, 91-92.
- Curtiss, A. H. 1904. The fern flora of Florida. *Fern Bull.* 12:33-38.
- Dahlgren, B. E., and A. C. Noe. 1936-59. Index of American palms. *Field Mus. Nat. Hist. Publs.* 355 and 863. 2 vols.
- D'Arcy, W. G. 1974. Solanum and its close relatives in Florida. *Ann. Missouri Bot. Gard.* 61:819-867.
- Daubenmire, R. 1972. Phenology and other characteristics of tropical semi-deciduous forest in north-western Costa Rica. *Jour. Ecology* 60:147-170.
- Davis, C. C., and R. H. Williams. 1950. Brackish water plankton of mangrove areas in southern Florida. *Ecology* 31(4):519-531.
- Davis, J. H., Jr. 1940. The ecology and geologic role of mangroves in Florida. *Pap. Tortugas Lab. Carnegie Inst. Wash.* 32:303-412.
- Davis, J. H., Jr. 1942. The ecology of the vegetation and topography of the Sand Keys of Florida. *Pap. Tortugas Lab. Carnegie Inst. Wash.* 33:113-195.
- Davis, J. H., Jr. 1943. The natural features of southern Florida, especially the vegetation and the Everglades. *Fla. Geol. Surv. Bull.* 25. 311 p.

- Davis, J. H., Jr. 1943. Vegetation of the Everglades and conservation from the point of view of the plant ecologist. *Proc. Soil Sci. Soc. Fla.* 5A:104-115.
- Davis, J. H., Jr. 1946. The peat deposits of Florida, their occurrence, development, and uses. *Fla. Geol. Surv. Bull.* 30. 247 p.
- Davis, J. H., Jr. 1967. General map of natural vegetation of Florida. *Inst. Food Agric. Sci. Circ.* S-178, Univ. of Florida, Gainesville.
- Dawes, C. J. 1974. Marine algae of the west coast of Florida. Univ. of Miami Press, Coral Gables, Fla. 201 p.
- Dawes, C. J., S. A. Earle, and F. C. Croley. 1967. The offshore benthic flora of the southeast coast of Florida. *Bull. Mar. Sci.* 17(1):211-231.
- Day, F. P. 1979. Litter accumulation in four plant communities in the Dismal Swamp, Virginia. *Amer. Midl. Nat.* 102(2):281-289.
- Defillips, R. 1969. Parasitism in Ximenia. *Rhodora* 71(787):439-443.
- Demeree, D. 1932. Submerging experiments with Taxodium. *Ecology* 13(3): 258-262.
- DePourtales, L. F. 1877. Hints on the origin of the flora and fauna of the Florida Keys. *Amer. Nat.* 11:137-144.
- Detweiler, T., F. M. Dunstan, R. R. Lewis, and W. K. Fehring. 1975. Patterns of secondary succession in a mangrove community, Tampa Bay, Florida. Pages 52-80 in *Conference on the Restoration of Coastal Vegetation in Florida*, 2d, Tampa, 1975. *Proceedings*. Hillsborough Community College, Tampa, Fla.
- DeVall, W. B. 1941. The taxonomic status of Pinus caribaea Mar. *Proc. Fla. Acad. Sci.* 5:121-132.
- DeVall, W. B. 1945. A bark character for the identification of certain Florida pines. *Proc. Fla. Acad. Sci.* 7:101-103.
- Dickey, R., D., E. West, and H. Mowry. 1962. Native and exotic palms in Florida. *Fla. Agr. Ext. Surv.*, Florida State Univ., USDA Bull 152-A. 64 p.
- Dickson, J. D., R. O. Woodbury, and T. R. Alexander. 1953. Checklist of flora of Big Pine Key, Florida and surrounding keys. *Quart. Jour. Fla. Acad. Sci.* 16(3): 181-197.
- Dickson, R. E. and T. C. Broyer. 1972. Effects of aeration, water supply, and nitrogen source on growth and development of tupelo and bald cypress. *Ecology* 53:626-635.
- Dobrin, C. 1939. Hammocks, with special reference to the tropical type of south Florida. *Nature Mag.* 32(10):564-565.
- Dolph, G. E. 1979. Variation in leaf margin with respect to climate in Costa Rica. *Bull. Torrey Bot. Club* 106(2):104-109.

- Dress, W. J. 1975. Nomenclatural notes for *Hortus Third*. *Baileya* 19(4):164-165.
- DuCharme, E. P. 1974. Lightning--a predator of citrus trees in Florida. *Proc. Tall Timbers Fire Ecology Conf.*, No. 13, p. 463-596.
- Duever, M. J., J. E. Carlson, and L. A. Riopelle. 1974. Water budgets and comparative study of virgin Corkscrew Swamp. Pages 595-634 in H. T. Odum, K. C. Ewel, J. W. Ordway, M. K. Johnston, and W. J. Mitsch, eds. *Cypress wetlands for water management, recycling, and conservation. First Annual Report to National Science Foundation and Rockefeller Foundation. Center for Wetlands, Univ. of Florida, Gainesville.*
- Duever, M. J., J. E. Carlson and L. A. Riopelle. 1975. Ecosystem analyses at Corkscrew Swamp. Pages 627-725 in H. T. Odum, K. C. Ewel, J. W. Ordway and M. K. Johnston, eds. *Cypress wetlands for water management, recycling and conservation. Second Annual Report for National Science Foundation and Rockefeller Foundation. Center for Wetlands, Univ. of Florida, Gainesville.*
- Duever, M. J., J. E. Carlson, L. A. Riopelle, L. H. Gunderson, and L. C. Duever. 1976. Ecosystem analyses at Corkscrew Swamp. Pages 707-737 in H. T. Odum, K. C. Ewel, J. W. Ordway, and M. K. Johnston, eds., *Cypress wetlands for water management, recycling, and conservation. Third Annual Report to National Science Foundation and Rockefeller Foundation. Center for Wetlands, Univ. of Florida, Gainesville.*
- Duever, M. J., J. E. Carlson, L. A. Riopelle, and L. C. Duever. 1978. Ecosystem analyses at Corkscrew Swamp. Pages 534-570 in H. T. Odum and K. C. Ewel, eds. *Cypress wetlands for water management, recycling, and conservation. Fourth Annual Report to National Science Foundation and Rockefeller Foundation. Center for Wetlands, Univ. of Florida, Gainesville.*
- Duever, M. J., J. E. Carlson, J. F. Meeder, L. C. Duever, L. H. Gunderson, L. A. Riopelle, T. R. Alexander, R. F. Myers, and D. P. Spangler. 1979. Resource inventory and analysis of the Big Cypress National Preserve: Center for Wetlands, Univ. of Fla. and Ecosystem Research Unit, National Audubon Soc. 1225 p.
- Dunevitz, V. L. and J. J. Ewel. 1980. Allelopathy of wax myrtle (*Myrica cerifera*) on *Schinus terebinthifolius*. *Fla. Scientist* (in press).
- Duranton, J. F. 1978. Phenological study of herbaceous communities in semi-arid tropical zone. 1. Methods. *Adansonia* 18(2):183-198.
- Earle, S. A. 1969. Phaeophyta of the eastern Gulf of Mexico. *Phycologia* 7:71-254.
- Eckenwalder, J. E. 1980. Dispersal of the West Indian cycad, *Zamia pumila* L. *Biotropica* 12(1):79-80.
- Egler, F. E. 1941. Mahogany: a potential resource of south Florida. *Jour. Forestry* 39(8):725-726.
- Egler, F. E. 1948. The dispersal and establishment of red mangrove, *Rhizophora*, in Florida. *Caribbean Forester* 9(4):299-310.

- Egler, F. E. 1952. Southeast saline Everglades vegetation, Florida, and its management. *Vegetatio* 213-265.
- Egler, F. E. 1961. A cartographic guide to selected regional vegetation literature--where plant communities have been described. II. Southeastern U.S. *Sarracenia* 6:1-87.
- Eiseman, N. J. 1970. The green alga Chalmasia antillana from the Florida Keys. *Phycologia* 9:45-47.
- Eldredge, I. F. 1938. Forest resources of central and South Florida. U.S. For. Serv. Southeast. For. Exp. Stn. Release No. 38. 30 p.
- Evans, A. M. 1975. Cheilanthes in Florida. *Amer. Fern. Jour.* 65:1-2.
- Everglades National Park. 1979. Fire Management Plan, 1979-80. U.S. National Park Service.
- Everglades National Park Resource Management Staff. 1976. Hole-in-the-Donut farmland research and management program. Unpub. Rept. 51 p.
- Ewel, J. J. 1971. Experiments in arresting succession with cutting and herbicides in five tropical environments. Ph.D. Dissertation, Univ. of North Carolina, Chapel Hill. 248 p.
- Ewel, J. 1976. Litter fall decomposition in a tropical forest succession in eastern Guatemala. *Jour. Ecology* 64:293-308.
- Ewel, J., R. Meador, R. Myers, L. Conde, and B. Sedlik. 1976. Studies of vegetation changes in South Florida. Report to U.S. Forest Service, Botany Dept., Univ. of Florida, Gainesville. 119 p.
- Ewel, J., D. Ojima, and W. DeBusk. 1979. Ecology of a successful exotic tree in the Everglades. Proc. 2nd Conf. on Scientific Research in the National Parks, San Francisco, Nov. 27-29, 1979.
- Ewel, K. C. and W. J. Mitsch. 1978. The effects of fire on species composition in cypress dome ecosystems. *Fla. Sci.* 41:25-31.
- Eyles, D. E., and J. W. Robertson, Jr. 1944. A guide and key to the aquatic plants of the Southeastern United States. U.S. Public Health Serv. Public Health Bull. 286. 151 p.
- Fairbridge, R. W. 1974. The Holocene sea-level record in South Florida. Pages 223-232 in *Environments of South Florida: Present and Past*. P. J. Gleason (ed.) Memoir 2, Miami Geol. Soc., 452 p.
- Farrar, D. R. 1978. Problems in the identity and origin of the Appalachian Vittaria gametophyte, a sporophyteless fern of the eastern United States. *Amer. Jour. Bot.* 65(1):1-12.
- Fassett, N. C. 1940. A manual of aquatic plants. McGraw Hill, New York. 382 p.

- Fell, J. W. 1976. The study of fungi in Biscayne Bay--a synopsis. Pages 157-166 in Biscayne Bay Symposium, Univ. of Miami, 1976. Past/Present/Future. Miami Sea Grant Sea Grant Spec. Rept. 5.
- Fenchel, T. 1970. Studies on the decomposition of organic detritus derived from the turtle grass Thalassia testudinum. Limnol. Oceanogr. 15(1):14-20.
- Ferguson, A. M. 1901. Crotons of the United States. Rept. Missouri Bot. Garden 12:33-73.
- Fernald, M. L., and A. C. Kinsey. 1958. Edible wild plants of eastern North America. Revised by Reed C. Rollins. Harper, New York. 452 p.
- Fetcher, N. 1979. Water relations of five tropical tree species on Barro Colorado Island, Panama. Oecologia 40(2):229-233.
- Fish, D. 1978. Insectivory in Catopsis berteroniana: a new method of nutrient procurement in the Bromeliaceae. Unpubl. ms.
- Floherschütz, E. W. 1978. Dwarf cypress in the Big Cypress Swamp of southwestern Florida. M.S. Thesis. Univ. of Florida, Gainesville. 161 p.
- Florida Department of Natural Resources. 1973. Aquatic weed identification and control manual. Bureau of Aquatic Plant Research and Control, Tallahassee, Fla. 99 p.
- Forsee, W. T. 1940. Recent plant responses to some of the micro-elements on Everglades peat. Soil Sci. Soc. Fla. Proc. II:53-58.
- Forthman, C. A. 1973. The effects of prescribed burning on sawgrass, Cladium jamaicense Crantz, in South Florida. M.S. Thesis. Univ. Miami, Coral Gables, Fla. 83 p.
- Foster, R. B. 1973. Seasonality of fruit production and seed fall in a tropical forest ecosystem in Panama. Ph.D. Thesis, Duke Univ.
- Foster, R. B. 1980. Heterogeneity and disturbance in tropical vegetation. Pages 75-92 in Conservation Biology: An Evolutionary-Ecological Perspective, M. E. Soule and B. A. Wilcox (eds). Sinauer Associates, Inc., Sunderland, Mass. 395 p.
- Fowells, H. A. 1965. Silvics of forest trees of the United States. U.S. Dept. Agric. Agric. Handb. 271. 762 p.
- Frankie, G. W., H. G. Baker, and P. A. Opler. 1974. Comparative phenological studies of trees in tropical wet and dry forests in the lowlands of Costa Rica. Jour. Ecology 62:881-919.
- Franklin, A. H., and L. B. Smith. 1968. List of plants on Big Pine Key, Florida. Smithsonian Institution, Washington, D.C. 31 p. Available from NTIS, Springfield, Va., PB-180 221.
- French, R. P. 1966. The utilization of mangroves by birds in Trinidad. Ibis 108(3):423-424.

- Furley, P. A. and W. W. Newey. 1979. Variations in plant communities with topography over tropical limestone soils. *Jour. Biogeography* 6:1-15.
- Fuss, C. M., Jr. and J. A. Kelly, Jr. 1969. Survival and growth of sea grasses transplanted under artificial conditions. *Bull. Mar. Sci.* 19(2):351-365.
- Gallatin, M. H., J. K. Ballard, C. B. Evens, H. S. Galberry, J. J. Hinton, D. P. Powell, E. Truett, W. L. Watts, G. C. Wilson, Jr., and R. G. Leighty. 1958. Soil survey of Dade County. U.S. Dept. Agric. Series 1947-4. 56 p.
- Garber, A. P. 1878. Ferns in South Florida. *Bot. Gaz.* 3:82-85.
- Gifford, J. C. 1935. The reclamation of the Everglades with trees. Univ. of Miami, Coral Gables, Fla. 92 p.
- Gifford, J. C. 1956. Floridan Keys, with special reference to soil productivity. Fla. Dept. Agr. Bull., No. 77. 54 p.
- Gilbert, L. E. 1980. Food web organization and the conservation of neotropical diversity. Pages 11-33 in *Conservation Biology: An Evolutionary-Ecological Perspective*, M. E. Soule and B. A. Wilcox (eds.) Sinauer Associates, Inc., Sunderland, Mass. 395 p.
- Gill, A. M. 1971. The literature of mangroves: an incomplete compilation of titles. Fairchild Botanical Garden Research Library, Miami, Fla. 62 p. (Typescript).
- Gill, A. M., and P. B. Tomlinson. 1969. Studies on the growth of red mangrove (*Rhizophora mangle* L.): 1. Habit and general morphology. *Biotropica* 1(1):1-9.
- Gill, A. M. and P. B. Tomlinson. 1971. Studies on the growth of red mangrove (*Rhizophora mangle* L.): 2. Anatomy and development of aerial roots. *Biotropica* 3(2):63-77.
- Gill, A. M. and P. B. Tomlinson. 1971. Studies on the growth of red mangrove (*Rhizophora mangle* L.) 3. Phenology of the shoot. *Biotropica* 3(2):109-124.
- Gillis, W. T. 1973. Review of "A Flora of Tropical Florida." *Taxon* 22(1):131-134.
- Gillis, W. T. 1976. Additions and corrections to the Bahama flora-III. *Sida* 35:79-100.
- Gillis, W. T. and G. R. Proctor. 1975. Additions and corrections to the Bahama flora-II. *Sida* 6(1):52-62.
- Ginsberg, R. N. and H. A. Lowenstam. 1958. The influence of marine bottom communities on the depositional environment of sediments. *Jour. Geol.* 66(3):310-318.
- Giurgevich, J. R. and E. L. Dunn. 1978. Seasonal patterns of CO₂ and water vapor exchange of *Juncus roemerianus* Scheele in a Georgia salt marsh. *Amer. Jour. Bot.* 65(5):502-510.

- Gleason, P. J. 1972. The origin, sedimentation and stratigraphy of a calcitic mud located in the southern fresh-water Everglades. Unpublished Ph.D. Thesis, Pennsylvania State University, 356 p.
- Gleason, P. J., R. H. Hofstetter, A. D. Cohen, and P. A. Stone. 1977. Characteristics and peat stratigraphy of tree islands in certain wetland environments in P. G. Given and A. D. Cohen, eds., *Interdisciplinary studies of peat and coal origins: a symposium*. Microfilm Publ. 7. Geol. Soc. of America.
- Gleason, P. J. and W. Spackman, Jr. 1974. Calcareous periphyton and water chemistry in the Everglades. Pages 146-181 in P. J. Gleason, ed. *Environments of South Florida: Present and Past*. Miami Geol. Soc. Mem. 2.
- Gleason, P. J., A. D. Cohen, W. Smith, H. Brooks, P. Stone, R. Goodrick, and W. Spackman. 1974. The environmental significance of holocene sediments from the Everglades and saline tidal plain. Pages 287-341 in P. J. Gleason, ed. *Environments of South Florida: Present and Past*. Miami Geol. Soc., Mem. 2.
- Gleason, P. J., D. Piegras, P. A. Stone, and J. Stipp. 1980. Radiometric evidence for involvement of floating islands in the formation of Florida Everglades tree islands. *Geology* 8:195-199.
- Gliessman, S. R. 1978. The establishment of bracken following fire in tropical habitats. *Amer. Fern Jour.* 68(2):41-44.
- Godfrey, R. K. and J. W. Wooten. 1979. *Aquatic and Wetland Plants of Southeastern United States. Monocotyledons*. Univ. of Georgia Press, Athens. 712 p.
- Golley, F., H. T. Odum, and K. Wilson. 1962. The structure and metabolism of a Puerto Rican red mangrove forest. *Ecology* 43:9-19.
- Goodrick, R. L. 1974. The wet prairies of the northern Everglades. Pages 47-52 in P. J. Gleason, ed. *Environments of South Florida: Present and Past*. Miami Geol. Soc. Mem. 2.
- Goss, G. J. 1977. The reproductive biology of the epiphytic orchids of Florida 5. Epidendrum difforme Jacquin. *Amer. Orchid Soc. Bull.* 47:630-636.
- Goss, G. J. 1977. The reproductive biology of the epiphytic orchids of Florida 6. Polystachya flavescens (Lindley) J. J. Smith. *Amer. Orchid Soc. Bull.* 47: 990-994.
- Goss, G. J. and R. M. Adams. 1976. The reproductive biology of the epiphytic orchids of Florida IV. - Sexually selective attraction of moths to the floral fragrance of Epidendrum anceps Jacquin. *Amer. Orchid Soc. Bull.* 46:997-1001.
- Gotto, J. W. 1976. Nitrogen fixation in the red mangrove (Rhizophora mangle) leaf detrital system. M.S. Thesis. Univ. of Miami. 67 p.
- Gould, F. W. and C. A. Clark. 1978. Dichanthelium (Poaceae) in the United States and Canada. *Ann. Missouri Bot. Gard.* 65:1088-1132.

- Graham, S. A. and C. E. Wood. 1965. The genera of Polygonaceae in southeastern U.S. Jour. Arnold Arb. 46(2):108.
- Gudger, E. W. 1974. The only known fish-catching plant: Utricularia, the bladderwort. Sci. Monthly 64(5):369-384.
- Gunderson, L. H. 1977. Regeneration of cypress, Taxodium distichum and Taxodium ascendens, in logged and burned cypress strands at Corkscrew Swamp Sanctuary, Florida. M.S. Thesis. Univ. Florida, Gainesville. 88 p.
- Hagenbuel, W. W., R. Thompson, and D. P. Rodgers. 1974. A preliminary investigation of the effects of water levels on vegetative communities of Loxahatchee National Wildlife Refuge, Florida. South Florida Environmental Project. U.S. Bur. of Sport Fisheries and Wildlife, Atlanta, Ga. 29 p. PB-231 611.
- Hall, D. W. 1978. The grasses of Florida. Ph.D. Thesis, Univ. of Florida, Gainesville. 506 p.
- Halle, F., R. A. A. Oldeman, and P. B. Tomlinson. 1978. Tropical Trees and Forests: An Architectural Analysis. Springer-Verlag, New York. 441 p.
- Haller, W. T. 1977. Hydrilla. Inst. Food Agric. Sci. Circ. S-245. Univ. of Florida, Gainesville. 13 p.
- Haller, W. T., and D. L. Sutton. 1973. Effects of pH and high phosphorus concentrations on growth of water hyacinths. Hyacinth Control J. 11:59-61.
- Hannan, J. 1975. Aspects of red mangrove reforestation in Florida. Pages 112-121 in Conference on the Restoration of Coastal Vegetation in Florida, 2d, Tampa, 1975. Proceedings. Hillsborough Community College, Tampa, Fla.
- Harcombe, P. A. 1977. The influence of fertilization on some aspects of succession in a humid tropical forest. Ecology 58:1375-1383.
- Hardy, F. 1978. Soils and natural vegetation in Trinidad, W. I. Biotropica 10:70-71.
- Harper, J. L. 1977. Population biology of plants. Academic Press, London.
- Harper, R. M. 1902. Taxodium distichum and related species with notes on some geological factors influencing their distribution. Bull. Torrey Bot. Club 29:383-399.
- Harper, R. M. 1905. 'Hammock,' 'Hommock,' or 'Hummock'? Science 22(561): 400-402.
- Harper, R. M. 1911. The relation of climax vegetation to islands and peninsulas. Bull. Torrey Bot. Club 38:515-525.
- Harper, R. M. 1927. Natural resources of southern Florida. Fla. Geol. Surv., 18th Ann. Rept., Tallahassee, p. 25-206.

- Harper, R. M. 1949. A preliminary list of the endemic flowering plants of Florida. Part I. Introduction and history of exploration. Quart. Jour. Florida Acad. Sci. 11(1):25-35.
- Harper, R. M. 1949. A preliminary list of the endemic flowering plants of Florida. Part II. List of species. Quart. Jour. Florida Acad. Sci. 11(2-3):39-57.
- Harper, R. M. 1950. A preliminary list of the endemic flowering plants of Florida. Part III. Notes and summary. Quart. Jour. Florida Acad. Sci. 12(1):1-19.
- Harrar, E. S., and J. G. Harrar. 1962. Guide to southern trees. 2nd ed. Dover, New York. 709 p.
- Harshberger, J. W. 1914. The vegetation of south Florida, south of 27°30' north, exclusive of the Florida Keys. Trans. Wagner Free Inst. Sci., Philadelphia. 7:49-189.
- Hart, M. G. R. 1962. Observations on the source of acid in empoldered mangrove soils. I. Formation of elemental sulphur. Plant and Soil 17(1):87-98.
- Hawkes, A. D. 1947. The epiphytic orchids of Florida. Am. Orchid Soc. Bull. 16:564-565.
- Hawkes, A. D. 1948. The terrestrial orchids of Florida. Am. Orchid Soc. Bull. 17:91-96.
- Hawkes, A. D. 1965. Guide to plants of the Everglades National Park. Tropic Isle Publishers, Coral Gables, Fla. 50 p.
- Heald, E. J. 1971. The production of organic detritus in a south Florida estuary. Univ. Miami, Sea Grant Tech. Bull. 6. 119 p.
- Heald, E. J., and W. E. Odum. 1970. The contribution of mangrove swamps to Florida fisheries. Proc. Gulf Carib. Fish. Inst. 22:130-135.
- Heald, E. J. 1975. A review of Florida mangrove communities. Tropical BioIndustries Development Company, Miami, Florida. 164 p.
- Heald, E. J., W. E. Odum, and D. C. Tabb. 1974. Mangroves in the estuarine food chain. Pages 182-189 in P. J. Gleason, ed. Environments of South Florida: present and past. Miami Geol. Soc. Mem. 2.
- Henderson, J. R. 1939. The soils of Florida. Inst. Food Agric. Sci., Agric. Exp. Stn. Bull. 334, Univ. of Florida, Gainesville.
- Henrard, J. T. 1950. Monograph of the genus Digitaria. Universitaire Pers. Leiden. 999 p.
- Hesse, P. R. 1961. The decomposition of organic matter in a mangrove swamp soil. Plant and Soil 14(3):249-263.
- Hesse, P. R. 1962. Phosphorus fixation in mangrove swamp muds. Nature 193(4812):295-296.

- Hesse, P. R. 1963. Phosphorus relationships in a mangrove swamp mud with particular reference to aluminum toxicity. *Plant and Soil* 19(2):205-218.
- Hill, S. R. 1976. Additions to the Bahama flora. *Sida* 6(4):321-327.
- Hilmon, J. B. 1964. Plants of the Caloosa experimental range. U.S. For. Serv. Res. Pap. SE-12. 24 p.
- Hilmon, J. B. 1968. Autecology of saw palmetto (Serenoa repens (Bartr.) Small). Ph.D. Thesis, Dept. of Botany, Duke Univ., Durham. 190 p.
- Hilsenbeck, C. E. 1972. An investigation of Schinus terebinthifolius in Everglades National Park. Unpub. rpt. on file in Everglades National Park Reference Library.
- Hilsenbeck, C. E. 1976. A comparison of forest sampling methods in hammock vegetation. M.S. Thesis. Univ. of Miami, 92 p.
- Hilsenbeck, C. E. 1976. An investigation of old field succession in Everglades National Park, First Interim Report. Everglades National Park. 63 p.
- Hilsenbeck, C. E., R. H. Hofstetter, and T. R. Alexander. 1979. Description of the major plant communities in the East Everglades. Dept. of Biology, Univ. of Miami. 34 p.
- Hinde, H. P. 1954. The vertical distribution of salt marsh phanerogams in relation to tide levels. *Ecol. Monogr.* 24(2):209-225.
- Hine, A. E. 1971. Reproduction of Caulerpa (Lamouroux) with notes on the life history of certain American species. Ph.D. Thesis. Univ. of Miami. 247 p.
- Hitchcock, A. S. and A. Chase. 1950. Manual of the Grasses of the United States. U.S. Dept. Agric., Misc. Publ. No. 200. U.S. Govt. Print. Off. 1051 p.
- Hodgdon, A. R. 1938. A taxonomic study of Lechea. *Rhodora* 40:29-69, 87-131.
- Hoffmeister, J. E. 1974. Land from the Sea: the Geologic Story of South Florida. Univ. of Miami Press, Coral Gables, Fla. 143 p.
- Hofstetter, R. H. 1974. The effect of fire on the pineland and sawgrass communities of southern Florida. Pages 201-212 in P. J. Gleason, ed. *Environments of South Florida: Present and Past*. Miami Geol. Soc. Mem. 2.
- Hofstetter, R. H. 1976. Current status of vegetation and possible indications of vegetational trends in the Everglades. Final Rept. Mimeo. Contract No. 18-492 with U.S. Forest Service.
- Hofstetter, R. H., and T. R. Alexander. 1971. Analysis of major plant communities at the Dade-Collier training and transition airport facility. In Univ. of Miami, Center for Urban Studies, Final Report to Dade County Port Authority, Part II.
- Hofstetter, R. H. and F. Parsons. 1976. The ecology of sawgrass in the Everglades of Florida. Pages 165-175 in Proc. First Conf. on Scientific Research in the National Parks, R. M. Linn (ed.). U.S. Dept. of the Interior.

- Holdridge, L. R. 1967. Life zone ecology. Tropical Science Center, San Jose, Costa Rica. 206 p.
- Holm, L. G., L. W. Weldon, and R. D. Blackburn. 1969. Aquatic weeds. *Science* 166:699-709.
- Hopkinson, C. S., J. G. Gosselink, and R. T. Parrondo. 1978. Above ground production of seven marsh plant species in coastal Louisiana. *Ecology* 59(4):760-769.
- Horvat, M. L. 1941. A revision of the subgenus Mariscus found in the U.S. *Contrib. Biol. Lab. Catholic Univ. Amer.* 33:1-147.
- Howard, R. A. 1950. Vegetation of the Bimini Island group, Bahamas, British West Indies. *Ecol. Monog.* 20:317-349.
- Howard, R. A. 1973. The vegetation of the Antilles. Pages 1-38 in *Vegetation and Vegetation History of Northern South America*, A. Graham (ed.). Elsevier, Amsterdam.
- Howard, R. A. 1974-77. Flora of the Lesser Antilles. Arnold Arboretum, Jamaica Plain, Mass.
- Howe, M. A. 1904. Collections of marine algae from Florida and the Bahamas. *N.Y. Bot. Gard. Jour.* 5:164-166.
- Hubbell, S. P. 1979. Tree dispersion, abundance and diversity in a tropical dry forest. *Science* 203:1299-1309.
- Hughes, R. H. 1964. Some observations on germination of gallberry seed. *U.S. For. Serv. Res. Note SE-170.* 3 p.
- Hughes, R. H. 1974. Management and utilization of pineland threeawn range in South Florida. *Jour. Range Manage.* 27(3):186-192.
- Hughes, R. H. 1975. The native vegetation in South Florida related to month of burning. *U.S. For. Serv. Res. Note SE-222.* 8 p.
- Hughes, R. H. 1975. Response of planted South Florida slash pine to simulated cattle damage. *Jour. Range Manage.* 29:198-201.
- Humm, H. J. 1963. Some new records and range extensions of Florida marine algae. *Bull. Mar. Sci. Gulf Carib.* 13(4):516-526.
- Humm, H. J. 1964. Epiphytes of the sea grass, Thalassia testudinum, in Florida. *Bull. Mar. Sci. Gulf Carib.* 14(2):306-341.
- Humm, H. J. 1969. Distribution of marine algae along the Atlantic coast of North America. *Phycologia* 7:43-53.
- Humm, H. J. 1976. The benthic algae of Biscayne Bay. Pages 71-94 in *Biscayne Bay Symposium*, Univ. of Miami, 1976. Past/Present/Future. Miami Sea Grant Sea Grant Spec. Rept. 5.

- Hunt, B. P. 1952. Food relationships between Florida spotted gar and other organisms in the Tamiami Canal, Dade County, Florida. *Trans. Am. Fish Soc.* 82:13-33.
- Huston, M. 1980. Soil nutrients and tree species richness in Costa Rican forests. *Jour. Biogeography* 7(2):147-157.
- Isely, D. 1973. Leguminosae of the United States: I. Mimosoideae. *Mem. N.Y. Bot. Gard.* 25(1):1-152.
- Isely, D. 1975. Leguminosae of the United States: II. Caesalpinoideae. *Mem. N.Y. Bot. Garden* 25(2):1-228.
- Isham, L. B. 1952. The marine algae of Dade County, Florida. I. Chlorophyceae. II. Phaeophyceae. M.S. Thesis. Univ. of Miami. 44 p.
- Jackson, J. F. 1978. Seasonality of flowering and leaf-fall in a Brazilian subtropical Lower Montane Moist Forest. *Biotropica* 10(1):38-42.
- Janos, D. P. 1980. Vesicular-arbuscular mycorrhizae affect lowland tropical rain forest plant growth. *Ecology* 61(1):151-162.
- Janzen, D. H. 1967. Synchronization of sexual reproduction of trees within the dry season in Central America. *Evolution* 21:620-637.
- Janzen, D. H. 1970. Jacquinia pungens, a heliophile from the understory of tropical deciduous forest. *Biotropica* 2:112-119.
- Jennings, D. H. 1968. Halophytes, succulence, and sodium - a unified theory. *New Phytol.* 67:899-911.
- Jenny, H., S. P. Gessel, and F. T. Bingham. 1949. Comparative study of decomposition rates of organic matter in temperate and tropical regions. *Soil Sci.* 68:419-432.
- Johnston, M. C. 1958. Synopsis of Forestiera. *Southwestern Naturalist* 2:140-151.
- Jones, J. A. 1968. Primary productivity by the tropical marine turtle grass, Thalassia testudinum, Koenig, and its epiphytes. Ph.D. Thesis. Univ. of Miami. 206 p.
- Jonker, F. P. 1938. A monograph of the Burmanniaceae. *Meded. Bot. Mus. Rijksuniv. Utrecht* 51:1-279.
- Josselyn, N. M. 1975. The growth and distribution of two species of Laurencia, a red macroalga, in Card Sound, Florida. M.S. Thesis. Univ. of Miami. 121 p.
- Keeley, J. E. 1979. Population differentiation along a flood frequency gradient: physiological adaptations to flooding in Nyssa sylvatica. *Ecol. Monogr.* 49(1):89-108.
- Kelleher, M. J. 1976. Water hyacinth, Eichhornia crassipes (Mart.) Solms, in Everglades National Park. Unpub. rept. in Everglades National Park Reference Library. 8 p.

- Kellman, M. 1978. Microdistribution of viable seed in two tropical soils. *Jour. Biogeography* 5(3):291-300.
- Kim, C. S., and H. J. Humm. 1965. The red alga, Gracilaria foliifera, with special reference to the cell wall polysaccharides. *Bull. Mar. Sci.* 15(4):1036-1050.
- Klopatek, J. M. and F. W. Stearns. 1978. Primary productivity of emergent macrophytes in a Wisconsin freshwater marsh ecosystem. *Amer. Midl. Nat.* 320-332.
- Klukas, R. 1969. The exotic plant problem in Everglades National Park. The Anhinga, Everglades Natural History Association, Homestead, Florida. 12 p.
- Klukas, R. W. 1969. The Australian pine problem in Everglades National Park. Unpub. Rept. in Everglades National Park Reference Library, Florida. 17 p.
- Knight, D. H. 1975. A phytosociological analysis of species-rich tropical forest on Barro Colorado Island, Panama. *Ecol. Monogr.* 45(3):259-284.
- Koch, S. D. 1972. A re-evaluation of the life cycle of Eragrostis tracyi and its taxonomic implications. *Jour. Elisha Mitchell Sci. Soc.* 88:211-217.
- Kohlmeyer, J., and E. Kohlmeyer. 1965. New marine fungi from mangroves and trees along eroding shorelines. *Nova Hedwigia* 9(1/4):89-104.
- Koelmeyer, K. O. 1959. The periodicity of leaf change and flowering in the principal forest communities of Ceylon (Part 1). *Ceylon Forester* 4:157-189.
- Kolipinski, M. C., and A. L. Higer. 1968. Applications of aerial photography and remote sensing to hydrobiological research in South Florida. USGS Open-File Rept 68009. 7 p.
- Kolipinski, M. C. and A. L. Higer. 1969. Some aspects of the effects of the quantity and quality of water on biological communities in the Everglades National Park. USGS Open-File Rept. 69007. 97 p.
- Kolipinski, M. C. and A. L. Higer. 1969. Effects of mineralized artesian water on the fresh-water biota of Taylor Slough, Everglades National Park, Florida. USGS Open-File Rept. 39 p.
- Koyama, T. 1974. New combinations relevant to the Cyperaceae tribe Cypereae of Tropical America. *Phytologia* 29(2):73-74.
- Kozlowski, T. T. 1980. Impact of air pollution on forest ecosystems. *Bioscience* 30(2):88-93.
- Kral, R. 1971. A treatment of Abildgaardia, Bulbostylis, and Fimbristylis (Cyperaceae) for North America. *Sida* 4(2):57-227.
- Kuijt, J. 1969. The biology of parasitic flowering plants. Univ. of Calif. Press, Berkeley and Los Angeles.
- Kunkel-Westphal, I. and P. Kunkel. 1979. Litter fall in a Guatemalan primary forest, with details of leaf-shedding by some common tree species. *Jour. Ecology* 67(2):665-686.

- Kurz, H. 1933. Cypress domes. Annual Report Fla. Geol. Surv. 23-24:54-56.
- Kurz, H. 1942. Florida dunes and scrub, vegetation and geology. Fla. Geol. Surv. Bull. 23. 154 p.
- Kurz, H., and D. Demaree. 1934. Cypress buttresses and knees in relation to water and air. Ecology 15:36-41.
- Kurz, H., and K. A. Wagner. 1953. Factors in cypress dome development. Ecology 34:157-164.
- Kushlan, J. A. 1972. An ecological study of an alligator pond in the Big Cypress Swamp of southern Florida. M.S. Thesis, Univ. of Miami, Coral Gables, Fla. 197 p.
- Kylin, A., and R. Gee. 1970. Adenosine triphosphatase activities in leaves of the mangrove Avicennia nitida Jacq.--influence of sodium to potassium ratios and salt concentrations. Plant Physiol. 45(2):169-172.
- Laessle, A. M. 1961. A micro-limnological study of Jamaican bromeliads. Ecology 42:499-517.
- Laessle, A. M. 1965. Spacing and competition in natural stands of sand pine. Ecology 46(1/2):65-72.
- Lakela, O. and F. C. Craighead. 1965. Annotated checklist of the vascular plants of Collier, Dade, and Monroe Counties, Florida. Fairchild Tropical Garden and the Univ. of Miami Press, Coral Gables.
- Lakela, O. and R. W. Long. 1976. Ferns of Florida. Banyan Books, Miami, Fla. 178 p.
- Lakela, O., R. W. Long, G. Fleming, and P. Genelle. 1976. Plants of the Tampa Bay Area (Revised Edition). Banyan Books, Miami.
- Lamb, B. F. 1966. Mahogany of Tropical America: Its Ecology and Management. Ann Arbor: University of Michigan Press.
- Langdon, O. G. 1958. Cone and seed size of South Florida slash pine and their effects on seedling size and survival. Jour. Forestry 56:122-127.
- Langdon, O. G. 1958. Volume tables for South Florida slash pine. U.S. For. Serv. Southeast. For. Exp. Stn. Res. Note 120.
- Langdon, O. G. 1958. Silvical characteristics of bald cypress. U.S. For. Serv. Southeast. For. Exp. Stn. Pap. 94. 7 p.
- Langdon, O. G. 1959. Site index curves for slash pine in South Florida. U.S. For. Serv. Southeast. For. Exp. Stn. Res. Note 133.
- Langdon, O. G. 1961. Yield of unmanaged slash pine stands in South Florida. U.S. For. Serv. Southeast. For. Exp. Stn. Pap. 123. 13 p.
- Langdon, O. G. 1962. Ridge planting improves early growth of South Florida slash pine. Jour. Forestry 60:487.

- Langdon, O. G. 1963. Range of South Florida slash pine. Jour. Forestry 61:384-385.
- Langdon, O. G. 1963. Growth patterns of Pinus elliottii var. densa. Ecology 44:825-827.
- Langdon, O. G. and F. A. Bennett. USDA, For. Serv. Res. Pap. SE-147. 12 p.
- Lange, O. L., and E. Medina. 1979. Stomata of the CAM plant Tillandsia recurvata respond directly to humidity. Oecologia 40:357-363.
- LaRue, C. D., and T. J. Muzik. 1951. Does the mangrove really plant its seedlings? Science 114:661-662.
- Lauter, W. M. 1952. Investigation of the toxic principles of Hippomane mancinella L. I. Historical Review. Jour. Amer. Pharm. Assoc. 41:199-201.
- Lawrence, D. B. 1949. Self-erecting habit of seedling red mangroves, Rhizophora mangle L. Amer. Jour. Bot. 36(5):426-427.
- Lear, R., and T. Turner. 1977. Mangroves of Australia. Univ. of Queensland Press. St. Lucia, Queensland. 84 p.
- LeConte, J. 1972. Observations on the soil and climate of East Florida. Central and Southern Florida Flood Control District, West Palm Beach. 12 p.
- Ledin, R. B. 1951. The Compositae of South Florida. Quart. Jour. Fla. Acad. Sci. 14(2-3):51-207.
- Ledin, R. B., S. C. Kiem, and R. W. Read. 1959. Pseudophoenix in Florida. I. The native Pseudophoenix sargentii. II. Pseudophoenix species in cultivation. Principes 3:23-39.
- Leighty, R. G., M. H. Gallatin, J. L. Malcolm, and F. B. Smith. 1965. Soil associations of Dade County, Florida. Inst. Food Agric. Sci. Exp. Stn. Circ. S-77A, Univ. of Florida, Gainesville.
- Leighty, R. G., M. B. Marco, G. A. Swenson, R. E. Caldwell, J. R. Henderson, O. C. Olson, and G. C. Wilson. 1954. Soil survey (detailed reconnaissance) of Collier County, Florida. USDA Fla. Agric. Exp. Stn. Series 1942, 8. Washington, D.C. 72 p.
- Leithead, H. L. 1973. Soil survey-guides to forage quantity and quality. Pages 25-32 in Range Resources of the southeastern U.S., Amer. Soc. Agronomy Publication Series 21.
- Leithead, H. L., L. L. Yarlett, and T. N. Shiflet. 1971. 100 native forage grasses in 11 southern states. USDA, Soil Conservation Service, Washington, D.C. 216 p.
- Lennartz, M. R., and J. W. McMinn. 1973. Growth of two varieties of slash pine on prepared sites in South Florida: 10-year results. U.S. For. Serv. Res. Pap. SE-103. 10 p.

- Leon, Hno. and Alain, Hno. 1947-1963. Flora de Cuba. Vols. I-V. Habana, Cuba and Rio Piedras, Puerto Rico.
- Levin, D. A. and W. W. Anderson. 1970. Competition for pollinators between simultaneously flowering species. *Amer. Naturalist* 104:455-467.
- Lewis, C. E. 1974. Range resources of the South. *Soc. Range Manage., Georgia Agric. Exp. Stn. Bull.* 9. 33 p.
- Lewis, R. R., and F. M. Dunstan. 1975. The possible role of Spartina alterniflora Loisel in establishment of mangroves in Florida. Pages 82-100 in Conference on the Restoration of Coastal Vegetation in Florida, 2d, Tampa, 1975. Proceedings. Hillsborough Community College, Tampa, Fla.
- Lindberg, S. E., and R. C. Harriss. 1974. Mercury enrichment in estuarine plant detritus. *Mar. Pollut. Bull.* 5(6):93-95.
- Linhart, Y. B. 1980. Local biogeography of plants on a Caribbean atoll. *Jour. Biogeography* 7(2):159-171.
- Linhurst, R. A. 1979. The effect of aeration on the growth of Spartina alterniflora Loisel. *Amer. Jour. Bot.* 66(6):685-691.
- Linhurst, R. A. and R. J. Reimold, 1978. Estimated net aerial primary productivity for selected estuarine angiosperms in Maine, Delaware, and Georgia. *Ecology* 59(5):945-955.
- Little, E. L., Jr. 1976. Rare tropical trees of south Florida. U.S. Dept. Agric. For. Serv. Conserv. Res. Rept. 20. 20 p.
- Little, E. L., Jr. 1978. Atlas of United States Trees, Vol. 5. Florida. U.S. Dept. Agric., Forest Service, Misc. Publ. No. 1361. 256 maps.
- Little, E. L., Jr. 1979. Checklist of United States trees (Native and Naturalized). U.S. Dept. Agric., Forest Service, Agric. Handb. No. 541. 375 p.
- Little, E. L., Jr., and K. W. Dorman. 1952. Slash pine (Pinus elliottii), its nomenclature and varieties. *Jour. Forestry* 50(11):918-923.
- Little, E. L., Jr., and K. W. Dorman. 1954. Slash pine (Pinus elliottii), including South Florida slash pine, nomenclature and description. U.S. For. Serv. Southeast. For. Exp. Stn. Pap. 36. 82 p.
- Little, E. L., Jr. and F. H. Wadsworth. 1964. Common trees of Puerto Rico and the Virgin Islands. U.S. For. Serv. Agric. Handb. 249. 548 p.
- Little, E. L., Jr., R. O. Woodbury, and F. H. Wadsworth. 1974. Trees of Puerto Rico and the Virgin Islands, 2nd Volume, U.S. For. Serv. Agric. Handb. 449, 1024 p.
- Long, R. W. 1970. The genera of Acanthaceae in the southeastern United States. *Jour. Arnold Arb.* 51(3):258-309.
- Long, R. W. 1970. Additions and nomenclatural changes in the flora of southern Florida-I. *Rhodora* 72:17-46.

- Long, R. W. 1974. Vegetation of southern Florida. *Fla. Sci.* 37:33-45.
- Long, R. W. 1974. Origin of the vascular flora of South Florida. Pages 28-36 in P. J. Gleason, ed. *Environments of South Florida: Present and Past*. Miami Geol. Soc. Mem. 2.
- Long, R. W., and O. Lakela. 1971. *A Flora of Tropical Florida. A Manual of the Seed Plants and Ferns of Southern Peninsular Florida*. Univ. of Miami Press, Coral Gables, Florida. 962 p.
- Long, R. W., O. Lakela, and C. Rose Broome. 1969. Some preliminary statistics on the flora of southern Florida. *Rhodora* 71:495-501.
- Loope, L. L. and G. N. Avery. 1979. A preliminary report on rare plant species in the flora of National Park Service areas of South Florida. South Florida Research Center Report M-548. 42 p.
- Loope, L. L., D. W. Black, S. Black and G. N. Avery. 1979. Distribution and abundance of flora in limestone rockland pine forests of southeastern Florida. South Florida Research Center Report T-547. 37 p.
- Loveless, A. R. and G. F. Asprey. 1956. The dry evergreen formation of Jamaica. *Jour. Ecology* 44:799-822.
- Loveless, C. M. 1959. The Everglades deer herd: life history and management. Florida Game and Freshwater Fish Commission. Tech. Bull. 6. 104 p.
- Loveless, C. M. 1959. A study of the vegetation in the Florida Everglades. *Ecology* 40(1):1-9.
- Luer, C. A. 1964. Orchids of the Fakahatchee. *Fla. Orchidist* 7:191-195.
- Luer, C. A. 1972. *The Native Orchids of Florida*. New York Botanical Garden, New York. 293 p.
- Lugo, A. E., G. L. Evink, M. M. Brinson, A. Broce, and S. C. Snedaker. 1973. The role of mangrove ecosystems: diurnal rates of photosynthesis respiration and transpiration in mangrove forests of south Florida. Univ. of Florida, Gainesville. 47 p. PB-231 743.
- Lugo, A. E., J. A. Gonzales-Liboy, B. Cintron, and K. Dugger. 1978. Structure, productivity, and transpiration of a subtropical dry forest in Puerto Rico. *Biotropica* 10(4):278-291.
- Lugo, A. E., S. Jones, K. Dugger, and T. Morris. 1975. Ecological approaches to the control of aquatic plants. Dept. of Botany, Univ. of Fla., Gainesville. 75 p.
- Lugo, A. E., M. Sell, and S. C. Snedaker. 1973. The role of mangrove ecosystems: mangrove ecosystem analysis. Univ. of Florida, Gainesville. 62 p. PB-231 744.
- Lugo, A. E., and S. C. Snedaker. 1973. The role of mangrove ecosystems: properties of a mangrove forest in South Florida. Univ. of Florida, Gainesville. 89 p. PB-231 741.

- Lugo, A. E. and S. C. Snedaker. 1974. The ecology of mangroves. *Ann. Rev. of Ecology and Systematics*, Vol. 5, p. 39-64.
- McClurkin, D. C. 1965. Diameter growth and phenology of trees on sites with high water tables. U.S. For. Serv. Res. Note. South. For. Exp. Stn. New Orleans, Louisiana. 4 p.
- McCormack, J. F. 1950. Forest resources of South Florida. 1949. U.S. For. Serv. Southeast. For. Exp. Stn., For. Surv. Release 33. 17 p.
- McCurrach, J. C. 1960. Palms of the World. Harper and Brothers, New York. 290 p.
- McCowell, L. L., J. C. Stephens, and E. H. Stewart. 1969. Radiocarbon chronology of the Florida Everglades peat. *Soil Sci. Soc. Am.* 33:743-745.
- McJunkin, D. M. 1977. Aspects of cypress domes in southeastern Florida, a study in micro-phytogeography. M.S. Thesis, College of Social Science, Florida Atlantic Univ., Boca Raton, Florida. 174 p.
- McMillan, C. 1979. Differentiation in response to chilling temperatures among populations of three marine spermatophytes, Thalassia testudinum, Syrinogodium filiforme and Halodule wrightii. *Amer. Jour. Bot.* 66(7): 810-819.
- McMinn, J. W. 1969. Preparing sites for pine plantings in South Florida. U.S. For. Serv. Res. Note SE-117. 5 p.
- McMinn, J. W. 1970. Optimum depth and season for direct seeding slash pine in South Florida. U.S. For. Serv. Res. Pap. SE-73. 7 p.
- McMinn, J. W., and W. H. McNab. 1971. Early growth and development of slash pine under drought and flooding. U.S. For. Serv. Res. Pap. SE-89. 10 p.
- McNab, W. H. 1965. Response to drought and flooding of two varieties of slash pine in South Florida. M.S. Thesis. Univ. of Florida, Gainesville. 61 p.
- McPherson, B. F. 1969. Preliminary determination of hydrobiological and chemical conditions in the vicinity of the proposed jetport and other airports in South Florida. USGS Progress Report. 45 p.
- McPherson, B. F. 1970. Hydrobiological characteristics of Shark River estuary, Everglades National Park, Florida. USGS Open-File Rept. 71002. 113 p.
- McPherson, B. F. 1973. Vegetation map of southern parts of subareas A and C, Big Cypress Swamp, Florida. U.S. Geol. Surv., Hydrologic Atlas HA-492.
- McPherson, B. F. 1973. Vegetation in relation to water depth in Conservation Area 3, Florida. U.S. Geol. Surv. Open-File Report No. 73025. Tallahassee, Fla. 62 p.
- McPherson, B. F. 1974. The Big Cypress Swamp. Pages 8-17 in *Environments of South Florida: Present and Past*, P. J. Gleason (ed.), Memoir 2, Miami Geol. Soc.

- Maier, W. L. 1976. Evaluation of the effectiveness of herbicides for the control of Melaleuca quinquenervia. Unpubl. Rept. Fla. Game and Fresh Water Fish Comm., Fort Lauderdale, Fla. 9 p.
- March, E. W. 1949. Pine forests of the Bahamas. Empire Forestry Rev. 28:33-37.
- Marmelstein, A. D., P. W. Morgan, and W. E. Peguegnat. 1968. Photoperiodism and related ecology in Thalassia testudinum. Bot. Gaz. 129(1):63-67.
- Marples, T. G. 1966. A radionuclide tracer study of arthropod food chains in a Spartina salt marsh ecosystem. Ecology 47(2):270-277.
- Martin, A. C., H. S. Zim, and A. L. Nelson. 1951. American wildlife and plants: a guide to wildlife food habits. Dover Publications, Inc. New York. 500 p.
- Mathis, J. M. 1973. Mangrove decomposition—A pathway for heavy metal enrichment in Everglades estuaries. Florida State Univ., Marine Lab., Tallahassee, Fla. 68 p. PB-231 738.
- Mattoon, W. R. 1915. The southern cypress. U.S. Dept. Agric. Bull. 272. 74 p.
- Mattoon, W. R. 1916. Water requirements and growth of young cypress. Proc. Soc. Am. For. 11:192-197.
- Meador, R. E. 1977. The role of mycorrhizae in influencing succession on abandoned Everglades farmland. M.S. Thesis, Univ. of Florida, Gainesville. 99 p.
- Medaway, L. 1972. Phenology of a tropical rain forest in Malaya. Biol. Jour. Linnean Soc. 4:117-146.
- Meskimen, G. F. 1962. A silvical study of the Melaleuca tree in South Florida. M.S. Thesis, Univ. of Florida, Gainesville.
- Mesler, M. R. 1974. The natural history of Ophioglossum palmatum in South Florida. Amer. Fern Jour. 64:33-39.
- Meyers, S. P., P. A. Orpurt, J. Simms, and L. L. Boral. 1965. Thalassiomycetes VII. Observations on fungal infestation of turtle grass, Thalassia testudinum Konig. Bull. Mar. Sci. 15(3):548-564.
- Miller, P. C. 1972. Bioclimate, leaf temperature, and primary production in red mangrove canopies in South Florida. Ecology 53(1):22-45.
- Millspaugh, C. F. 1907. Flora of the sand keys of Florida. Field Mus. Nat. Hist. Publ. 118 Bot. Ser. 2(5):191-245.
- Milner, C. and R. E. Hughes. 1968. Methods for the Measurement of the Primary Production of Grassland (Intl. Biol. Program Handbook No. 6). Blackwell, Oxford. 70 p.
- Minshall, G. W. 1967. Role of allochthonous detritus in the trophic structure of a woodland springbrook community. Ecology 48:139-149.

- Mitsch, W. J. and K. C. Ewel. 1979. Comparative biomass and growth of cypress in Florida wetlands. *Amer. Midl. Nat.* 101(2):417-426.
- Moldenke, H. N. 1944. A contribution to our knowledge of the wild and cultivated flora of Florida. *Amer. Midl. Nat.* 32(3):529-590.
- Moldenke, H. N. 1971. Fifth summary of the Verbenaceae, Avicenniaceae, Stilbaceae, Dicrastylidaceae, Symphoremaceae, Nyctanthaceae, and Eriocaulaceae of the world as to valid taxa, geographic distribution and synonymy. New Jersey. 974 p.
- Moldenke, H. N. 1972. First supplement to the fifth summary of the Verbenaceae, Avicenniaceae, Stilbaceae, Dicrastylidaceae, Symphoremaceae, Nyctanthaceae, and Eriocaulaceae of the world as to valid taxa, geographic distribution, and synonymy. *Phytologia* 23:413-438.
- Monk, C. D. and T. W. Brown. 1965. Ecological considerations of cypress heads in north central Florida. *Amer. Midl. Nat.* 47:127-140.
- Mooney, H. A., O. Bjorkman, A. E. Hall, E. Medina, and P. B. Tomlinson. 1980. The study of the physiological ecology of tropical plants--current status and needs. *Bioscience* 30(1):22-26.
- Moore, B. J. 1968. The macrolichen flora of Florida. *Bryologist* 71:161-266.
- Moore, D. R. 1963. Distribution of the sea grass, Thalassia, in the United States. *Bull. Mar. Sci. Gulf Carib.* 13(2):329-342.
- Moore, J. W. 1974. The role of algae in the diet of Asellus aquaticus L. and Gammarus pulex L. *Jour. Animal Ecol.* 44(3):719-729.
- Moore, W. H. 1974. Some effects of chopping saw palmetto pineland - threeawn range in South Florida. *Jour. Range Manage.* 27:101-104.
- Morriss, T. L. 1974. Water hyacinth Eichhornia crassipes (Mart.) Solms: its ability to invade aquatic ecosystems at Paynes Prairie Preserve, Florida. M.S. Thesis, Univ. Florida, Gainesville. 134 p.
- Morton, J. F. 1965. Can the red mangrove provide food, feed and fertilizer? *Econ. Bot.* 19(2):113-123.
- Morton, J. F. 1968. Wild Plants for Survival in South Florida. Hurricane House, Inc., Miami, Florida. 80 p.
- Morton, J. F. 1977. Plants Poisonous to People in Florida. Fairchild Tropical Garden, Miami. 116 p.
- Morton, J. F. 1979. Brazilian pepper--its impact on people, animals and the environment. *Econ. Bot.* 32(4):353-359.
- Morton, J. F., and R. B. Ledin. 1952. Four Hundred Plants of South Florida. Florida Nature Series Pub., Coral Gables, Fla. 310 p.

- Mossman, R. E. 1975. A vegetative key to the genera of floating and submersed aquatic flora of southern Florida. Unpubl. Rept. on file, National Audubon Society Ecosystem Research Unit, Naples, Fla. 14 p.
- Mowry, H. 1936. Native and exotic palms of Florida. Fla. Univ. Agric. Ext. Serv. Bull. 84. 70 p.
- Mowry, H. 1952. Native and exotic palms of Florida. Univ. of Florida Agr. Exp. Stn. Ext. Bull. 152. 70 p.
- Mulcahy, D. L. 1975. The reproductive biology of Eichhornia crassipes (Pontederiaceae). Bull. Torr. Bot. Club 102:18-21.
- Munz, P. A. 1944. Studies in Onagraceae-XIII. The American species of Ludwigia. Bull. Torrey Bot. Club 71(2):152-165.
- Murphy, J. B., and R. C. Stanley. 1975. Increased germination rates of bald cypress and pond cypress seed following treatments affecting the seed coat. Physiol. Plantarum. 35:135-139.
- Musselman, L. J. and W. F. Mann. 1977. Cataphyll behavior in Ximenia americana seedlings (Olacaceae). Beitr. Biol. Pfl. 53:121-125.
- Myers, R. L. 1975. The relationship of site conditions to the invading capability of Melaleuca quinquenervia in southwest Florida. M.S. Thesis, Univ. of Florida, Gainesville. 151 p.
- Myers, R. L. 1977. A preliminary study of the Sabal palmetto forest on Little Corkscrew Island, Florida. Interim Report. National Audubon Society Ecosystem Research Unit, Naples, Florida.
- Myers, R. L. 1978. Site susceptibility to the invasion of the exotic tree, Melaleuca quinquenervia in southern Florida. Unpubl. ms.
- Nash, G. V. 1895. Notes on some Florida plants. I. Bull. Torrey Bot. Club 22(4):141-161.
- Nash, G. V. 1896. Notes on some Florida plants. II, III. Bull. Torrey Bot. Club 23:95-108, 147-151.
- Nash, G. V. 1904. The palms of Florida. Jour. N.Y. Bot. Gard. 5:194-199.
- Nauman, C. E., and D. F. Austin. 1978. Spread of the exotic fern Lygodium microphyllum in Florida. Amer. Fern Jour. 68:65-66.
- Nauman, C. E. 1978. A checklist of the ferns and primitive vascular plants of southeastern Florida. Castanea 43:155-162.
- Nauman, C. E. 1979. A new Nephrolepis hybrid from Florida. American Fern Jour. 69(3):65-70.
- Nehrlich, H. 1944. My garden in Florida. Vol. I. American Eagle, Estero, Florida. 422 p.

- Neill, W. T. 1957. Historical biogeography of present day Florida. Fla. State Museum Biol. Sci. Bull. 2:175-220.
- Niering, W. A. and R. S. Warren. 1980. Vegetation patterns and processes in New England salt marshes. Bioscience 30(5):301-307.
- Newell, S. Y. 1974. The succession in the mycoflora of red mangrove (Rhizophora mangle L.) seedlings. Ph.D. Thesis. Univ. of Miami. 103 p.
- Nikles, D. G. 1966. Comparative variability and relationship of Caribbean pine (Pinus caribea Mor.) and slash pine (Pinus elliottii Engelm.). Ph.D. Thesis. North Carolina State Univ., 201 p.
- Njoku, E. 1958. The photoperiodic response of some Nigerian plants. Jour. W. Afr. Sci. Assoc. 4:99-111.
- Odum, E. P. and A. A. de la Cruz. 1967. Particulate organic detritus in a Georgia salt marsh-estuarine ecosystem, p. 383-388. In Estuaries, G. H. Lauff (ed.), Am. Assoc. Adv. Sci. Publ. 83.
- Odum, H. T. 1957. Primary production measurements in eleven Florida springs and a marine turtle-grass community. Limnol. Oceanogr. 2(2):85-97.
- Odum, W. E. 1971. Pathways of energy flow in a South Florida estuary. Sea Grant Tech. Bull. No. 7. Univ. of Miami, 162 p.
- Odum, W. E., and E. J. Heald. 1972. Trophic analyses of an estuarine mangrove community. Bull. Mar. Sci. 22(3):671-738.
- Olmsted, I. C. 1978. Stomatal resistance and water stress in Melaleuca. Final Report Contract USDA Forest Service, Lehigh Acres, Fla. 36 p.
- Olmsted, I. C., L. L. Loope, and R. E. Rintz. 1980. A survey and baseline analysis of aspects of the vegetation of Taylor Slough, Everglades National Park. South Florida Research Center Report T-586. 72 p.
- Oosting, H. J. 1945. Tolerance to salt spray of plants of coastal dunes. Ecology 26(1):85-89.
- Oosting, H. J. 1954. Ecological processes and vegetation of the maritime strand of the southeastern United States. Bot. Rev. 20(4):226-262.
- Oosting, H. J., and W. D. Billings. 1942. Factors effecting vegetational zonation on coastal dunes. Ecology 23(2):131-142.
- Ornes, W. H., and K. K. Steward. 1973. Effect of phosphorus and potassium on phytoplankton populations in field enclosures. South Florida Environmental Project. Agricultural Research Service, Ft. Lauderdale, Fla. 14 p. PB-231 650.
- Orth, P. G. and R. A. Conover. 1975. Changes in nutrients resulting from farming the Hole-in-the-Doughnut, Everglades National Park. Proc. Fla. State Hort. Soc. 28:221-225.

- Opler, P. A., and K. S. Bawa. 1978. Sex ratios in tropical forest trees. *Evolution* 32(4):812-821.
- Opler, P. A., G. W. Frankie, and H. G. Baker. 1976. Rainfall as a factor in the release, timing, and synchronization of anthesis by tropical trees and shrubs. *Jour. Biogeography* 3:231-236.
- Opler, P. A., G. W. Frankie, and H. G. Baker. 1980. Comparative phenological studies of treelet and shrub species in tropical wet and dry forests in the lowlands of Costa Rica. *Jour. Ecol.* 68:167-188.
- Orpurt, P. A., and L. L. Boral. 1964. The flowers, fruits, and seeds of Thalassia testudinum Konig. *Bull. Mar. Sci. Gulf Carib.* 14(2):296-302.
- Orpurt, P. A., S. P. Meyers, L. L. Boral, and J. Sims. 1964. Thalassionmycetes. V. A new species of Lindra from turtle grass, Thalassia testudinum Konig. *Bull. Mar. Sci. Gulf Carib.* 14(3):405-417.
- Osterhout, W. J. V. 1917. Tolerance of fresh water by marine plants and its relation to adaptation. *Bot. Gaz.* 63:146-149.
- Pande, D. C. 1960. On a method of determining age of trees without annual rings. *Indian Forester* 86:117-131.
- Parks, J. C. 1973. A revision of North American and Caribbean Melanthera. *Rhodora* 75:169-210.
- Parsons, F. 1977. Seasonal and environmental differences in nitrogen and phosphorus levels in sawgrass in southern Florida. Ph.D. Thesis, Univ. Miami, Coral Gables, Fla. 87 p.
- Parsons, R. F., and D. G. Cameron. 1974. Maximum plant species diversity in terrestrial communities. *Biotropica* 6(3):202-203.
- Patterson, J., and G. Stevenson. 1977. Native trees of the Bahamas. Jack Patterson, Publ. 128 p.
- Pearson, H. A., and L. B. Whitaker. 1974. Yearlong grazing of slash pine ranges: effects on herbage and browse. *Jour. Range Manage.* 27:195-197.
- Pemadasa, M. A., S. Balasubramaniam, H. G. Wijewansa, and L. Amarasinghe. 1979. The ecology of a saltmarsh in Sri Lanka. *Jour. Ecology* 67(1):41-63.
- Penfound, W. 1952. Southern swamps and marshes. *Bot. Rev.* 18:412-446.
- Penfound, W. T., and T. T. Earle. 1948. The biology of the water hyacinth. *Ecol. Monogr.* 18(4):447-472.
- Penhale, P. A., and J. M. Sprogis. 1976. The role of epiphytes in seagrass systems. Pages 65-70 in Biscayne Bay Symposium, Univ. of Miami, 1976. Past/Present/Future. Miami Sea Grant Spec. Rept. 5.
- Pennell, F. W. 1935. The Scrophulariaceae of east temperate North America. *Acad. Nat. Sci. Phila. Monograph* 1:1-650.

- Perkins, K. D., and W. W. Payne. 1978. Guide to the poisonous and irritant plants of Florida. Fla. Coop. Ext. Serv. Circ. 441.
- Perry, T. O., and W. C. Wu. 1960. Genetic variation in the winter chilling requirement for date of dormacy break for Acer rubrum. Ecology 41:790-794.
- Pesnell, G. L., and R. T. Brown. 1977. The major plant communities of Lake Okeechobee, Florida, and their associated inundation characteristics as determined by gradient analysis. South Florida Water Management District, Tech. Publ. 77-1, West Palm Beach, Fl. 68 p.
- Phillips, R. C. 1960. Environmental effect on leaves of Diplanthera Du Petit-Thouars. Bull. Mar. Sci. Gulf Carib. 10(3):346-353.
- Phillips, R. C. 1960. Observations on the ecology and distribution of the Florida seagrasses. Fla. Board Conserv. Mar. Lab. Prof. Pap. Ser. 2. 72 p.
- Phillips, R. C. 1967. On species of the seagrass, Halodule, in Florida. Bull. Mar. Sci. 17(3):672-676.
- Phillips, W. S. 1940. A tropical hammock on the Miami (Florida) limestone. Ecology 21(2):166-175.
- Pieczynska, E. 1971. Periphyton feeders, p. 262-264. In Secondary Productivity in Fresh Waters, W. T. Edmondston and G. G. Winberg (eds.). IBP Handbook No. 17. Blackwell Scientific Publications, Oxford.
- Pollard, C. L. 1899. Notes on some south Florida ferns. Fern Bull. 7:88-90.
- Pollard, C. L. 1902. Plant agencies in the formation of Florida Keys. Plant World 5:8-10.
- Pool, D. J. 1973. The role of mangrove ecosystems: mangrove leaf area indices. Univ. of Florida, Gainesville. 12 p. PB-231 745.
- Pool, D. J., and A. E. Lugo. 1973. The role of mangrove ecosystems: litter production in mangroves. Univ. of Florida, Gainesville. 37 p. PB-231 746.
- Pool, D. J., S. C. Snedaker, and A. E. Lugo. 1977. Structure of mangrove forests in Florida, Puerto Rico, Mexico and Costa Rica. Biotropica 9(3):195-212.
- Pope, R. L., J. A. Browder, and P. B. Schroeder. 1980. A study of the feasibility of using stomach content analysis to determine food webs in Everglades periphyton communities. Report to National Park Service.
- Poppleton, J. E., A. G. Shuey, and H. C. Sweet. 1977. Vegetation of Central Florida's East Coast: a checklist of the vascular plants. Florida Scientist 40(4):362-389.
- Porter, C. L., Jr. 1967. Composition and productivity of a subtropical prairie. Ecology 48(6):937-942.
- Prance, G. T. 1970. The genera of Chrysobalanaceae in the southeastern United States. Jour. Arnold Arb. 51(4):526-528.

- Rabinowitz, D. 1978. Dispersal properties of mangrove propagules. *Biotropica* 10(1):47-57.
- Rabinowitz, D. 1978. Mortality and initial propagule size in mangrove seedlings in Panama. *Jour. Ecology* 66(1):45-51.
- Rabinowitz, D. 1978. Early growth of mangrove seedlings in Panama, and an hypothesis concerning the relationship of dispersal and zonation. *Jour. Biogeography* 5(2):113-133.
- Radford, A. E., H. E. Ahles, and C. R. Bell. 1968. *Manual of the Vascular Flora of the Carolinas*. Univ. of North Carolina Press, Chapel Hill. 1183 p.
- Rai, D. N. and J. S. Datla-Munshi. 1978. The influence of thick floating vegetation (water hyacinth: Eichhornia crassipes) on the physico-chemical environment of a fresh water wetland. *Hydrobiologia* 62(1):65-69.
- Read, R. W. 1968. A study of Pseudophoenix (Palmae). *Gentes Herbarum* 10:169-213.
- Read, R. W. 1975. The genus Thrinax (Palmae: Coryphoidae). *Smithsonian Contr. Bot.* 19:1-98.
- Redfern, P. L., Jr. 1952. The Bryophytes of central and southern Florida. *Bryologist* 55(3):193-210.
- Rehm, A., and H. J. Humm. 1973. Sphaeroma terebrans: a threat to the mangroves of southwestern Florida. *Science* 182:173-174.
- Remus, J. Y. 1979. Status of two endangered species of Chamaesyce (Euphorbiaceae). *Fla. Sci.* 42(3):130-136.
- Reyes-Vasquez, G. 1970. Studies on the diatom flora living on Thalassia testudinum Konig in Biscayne Bay, Florida. *Bull. Mar. Sci.* 20(1):105-134.
- Richards, H. G. 1965. Pleistocene stratigraphy of the Atlantic Coastal Plain. Pages 129-133 in *The Quaternary of the United States*, H. E. Wright and D. G. Frey (eds.). Princeton Univ. Press, Princeton, N.J. 922 p.
- Richardson, N. 1973. Freshwater algae from the Dade-Collier Jetport. *Fla. Sci.* 36(2-4):205-208.
- Rickett, H. W. 1967. *Wild Flowers of the United States: The Southeastern States*. McGraw-Hill. N.Y. 688 p.
- Riegel, W. L. 1965. Palynology of environments of peat formation in southwestern Florida. Ph.D. Thesis, Pennsylvania State Univ., State College, Pa. 189 p.
- Riopel, J. L., and L. J. Musselman. 1979. Experimental initiation of haustoria in Agalinus purpurea (Scrophulariaceae). *Amer. Jour. Bot.* 66(5):570-575.
- Robertson, K. R. 1971. A revision of the genus Jacquemontia (Convolvulaceae) in North and Central America and the West Indies. Ph.D. Dissertation. Washington Univ., St. Louis, Mo. 285 p.

- Robertson, W. B., Jr. 1953. A survey of the effects of fire in Everglades National Park. U.S. National Park Service. 169 p.
- Robertson, W. B., Jr. 1955. An analysis of the breeding-bird populations of tropical Florida in relation to the vegetation. Ph.D. Thesis. Univ. of Illinois. 599 p.
- Rogers, C. M. 1963. Yellow-flowered species of Linum in eastern North America. *Brittonia* 15:103-105.
- Rogers, C. M. 1968. A reassessment of Linum rigidum and Linum carteri in Florida. *Sida* 3(4):209-210.
- Rogers, D. J. 1951. A revision of Stillingia in the New World. *Ann. Missouri Bot. Garden* 38:207-259.
- Rogers, H. J. 1949. The genus Galactia in the United States. Ph.D. Dissertation, Duke Univ., Durham, N.C.
- Rudd, V. 1955. The American species of Aeschynomene. *Contr. U.S. Nat. Herb.* 32(1):1-172.
- Rummell, R. S. 1956. Range management research in South Florida. U.S. For. Serv. Southeast. For. Exp. Stn. Pap. 71. 48 p.
- Safford, W. E. 1919. Natural history of Paradise Key and the nearby Everglades of Florida. Pages 377-434 in Smithsonian Institution, Annual Report for 1917.
- St. John, E. P. 1936. Rare ferns of central Florida. *Amer. Fern. Jour.* 26:41-55.
- Savage, T. 1972. Florida mangroves as shoreline stabilizers. Fla. Dept. Nat. Resour. Mar. Res. Lab. Prof. Pap. Ser. 19. 46 p.
- Schemnitz, S. D. and J. D. Schortemeyer. 1972. The influence of vehicles on Florida Everglades vegetation. Florida State Game and Fresh Water Fish Commission, Tallahassee, Fla. 65 p.
- Schlesinger, W. H. 1978. Community structure, dynamics and nutrient cycling in the Okefenokee cypress swamp-forest. *Ecol. Monogr.* 48(1):43-65.
- Scholander, P. F. 1968. How mangroves desalinate seawater. *Physiologia Plantarum* 21:251-261.
- Scholander, P. F., H. T. Hammel, E. Hemmingsen, and W. Carey. 1962. Salt balance in mangroves. *Plant Physiol.* 37:722-729.
- Scholl, D. W. 1964. Recent sedimentary record in mangrove swamps and rise in sea level over the southwestern coast of Florida. *Marine Geol.* 1(1):344-366.
- Scholl, D. W. 1964. Recent sedimentary record in mangrove swamps and rise in sea level over the southwestern coast of Florida. *Marine Geol.* 2(2):343-364.
- Scholl, D. W. 1965. Sedimentation in a modern coastal swamp, southwestern Florida. *Am. Assoc. Petrol. Geol. Bull.* 47:1581-1603.

- Scholl, D. W. 1965. High interstitial water chlorinity in estuarine mangrove swamps, Florida. *Nature* 207(4994):284-285.
- Scholl, D. W., and F. C. Craighead, Sr. 1967. Recent geological history of the west coast of Florida; coastal mangrove swamps, and Florida Bay. *Trans. Gulf Coast Assoc. Geol. Soc.* 17:481.
- Scholl, D. W., F. C. Craighead, Sr. and M. Stuiver. 1969. Florida submergence curve revised: its relation to coastal sedimentation rates. *Science* 163:562-564.
- Schory, E. A. 1958. The cajeput tree in Florida. *Carib. Forester* 19:50-55.
- Schulthorpe, C. D. 1967. *The Biology of Aquatic Vascular Plants*. Edward Arnold, London. 610 p.
- Schuster, R. M. n.d. The ecology of Hepaticae in a mahogany hammock in tropical Florida, p. 90-111. Reprint in ENP Library from unspecified journal.
- Seaman, W., C. A. Adams, and S. C. Snedaker. 1973. The role of mangrove ecosystems: biomass determinations in shallow estuaries--technique, evaluation and preliminary data. Univ. of Florida, Gainesville. 25 p. PB-231 748.
- Sedlik, B. R. 1976. A computer simulation of the spread of the exotic tree species, *Melaleuca quinquenervia* (Cav.) Blake, in South Florida. M.S. Thesis, Univ. of Florida, Gainesville. 124 p.
- Seifrizz, W. 1943. The plant life of Cuba. *Ecol. Monog.* 13:375-426.
- Semple, J. C. and K. S. Semple. 1977. *Borrchia* x *cubana* (*B. frutescens* x *arborescens*): interspecific hybridization in the Florida Keys. *Syst. Bot.* 2(4):292-301.
- Setchell, W. A. 1946. The genus *Ruppia* L. *Proc. Calif. Acad. Sci.* 25(18):469-478.
- Shaw, C. 1975. The pine and hammock forest lands of Dade County. Florida Division of Forestry. 81 p.
- Shinners, L. H. 1946. Revision of *Kuhnia*. *Wrightia* 1:122-144.
- Shinners, L. H. 1962. Key to southeastern glabrous-styled *Tephrosia*. *Sida* 1(1):60-62.
- Shugart, H. H. and D. C. West. 1980. Forest succession models. *Bioscience* 30(5):308-313.
- Simpson, C. T. 1920. A visit to the royal palm hammock of Florida. *Plant World* 5:4-7.
- Simpson, C. T. 1920. In *Lower Florida Wilds*. Putnam's Sons, New York. 404 p.
- Simpson, C. T. 1923. *Out of doors in Florida*. E. B. Douglas, Miami, Florida. 408 p.

- Simpson, C. T. 1932. Florida Wild Life: observations on the flora and fauna of the state and the influence of climate and environment on their development. Macmillan, New York. 199 p.
- Small, J. K., and G. V. Nash. 1902. Report on a trip to Florida. Jour. N.Y. Bot. Gard. 3:29-35.
- Small, J. K. 1903. The habitats of Polypodium polypodioides. Torreyia 3:141.
- Small, J. K. 1903. Flora of the southeastern United States. The author, New York. 1370 p.
- Small, J. K. 1904. Report upon further exploration of southern Florida. Jour. N.Y. Bot. Gard. 5:157-164.
- Small, J. K. 1904. Report on exploration in tropical Florida. Jour. N.Y. Bot. Gard. 5:49-53.
- Small, J. K. 1905. Additions to the flora of subtropical Florida. Bull. N.Y. Bot. Gard. 3:419-440.
- Small, J. K. 1907. Exploration of southern Florida. Jour. N.Y. Bot. Gard. 8:23-28.
- Small, J. K. 1909. Exploration in the Everglades. Jour. N.Y. Bot. Gard. 10:48-55.
- Small, J. K. 1909. Exploration in the Everglades. (abstract) Torreyia 9:100-103.
- Small, J. K. 1910. A new terrestrial orchid (Carteria corallicola).
- Small, J. K. 1911. Exploration in southern Florida. Jour. N.Y. Bot. Gard. 12:147-156.
- Small, J. K. 1913. Flora of the Florida Keys; being descriptions of the seed-plants growing naturally on the islands of the Florida reef from Virginia Key to Dry Tortugas. The author, New York. 162 p.
- Small, J. K. 1913. Report on exploration of tropical Florida. Jour. N.Y. Bot. Gard. 14:81-86.
- Small, J. K. 1913. Shrubs of Florida. The author. New York. 140 p.
- Small, J. K. 1913. Flora of Miami; being description of the seed-plants growing naturally on the Everglades Keys and in the adjacent Everglades, Southern peninsular Florida. The author, New York. 206 p.
- Small, J. K. 1913. Flora of the southeastern United States. 2d ed. The author, New York. 1394 p.
- Small, J. K. 1913. Florida trees; a handbook of the native and naturalized trees of Florida. The author, New York. 107 p.
- Small, J. K. 1914. Exploration in the Everglades and on the Florida Keys. Jour. N.Y. Bot. Gard. 15:69-79.

- Small, J. K. 1916. A cruise to the Cape Sable region of Florida. Jour. N.Y. Bot. Gard. 17:189-202.
- Small, J. K. 1916. Pithecolobium guadalupense--black-bead. Addisonia 1:51-52.
- Small, J. K. 1916. Exploration in southern Florida in 1915. Jour. N.Y. Bot. Gard. 17:37-45.
- Small, J. K. 1916. Recent exploration in southern Florida. Mem. N.Y. Bot. Gard. 6:475-476.
- Small, J. K. 1916. Royal Palm Hammock. Jour. N.Y. Bot. Gard. 16:165-172.
- Small, J. K. 1917. The tree cacti of the Florida Keys. Jour. N.Y. Bot. Gard. 18:199-203.
- Small, J. K. 1917. Sagittaria latifolia--broad-leaved arrow-head. Addisonia 2:27-28.
- Small, J. K. 1917. Botanical exploration in southern Florida in 1916. Jour. N.Y. Bot. Gard. 18:98-111.
- Small, J. K. 1918. Viorna balwinii--pine-hyacinth. Addisonia 3:73-74.
- Small, J. K. 1918. Botanical exploration in Florida in 1917. Jour. N.Y. Bot. Gard. 19:279-290.
- Small, J. K. 1918. Jussiaea peruviana--marsh evening-primrose. Addisonia 3:79-80.
- Small, J. K. 1918. A winter collecting trip in Florida. Jour. N.Y. Bot. Gard. 19:69-77.
- Small, J. K. 1918. Ferns of tropical Florida. Am. Mus. J. 18:127-134.
- Small, J. K. 1918. Dianthera crassifolia--Florida water-willow. Addisonia 3:79-80.
- Small, J. K. 1918. Ferns of tropical Florida, being descriptions of and notes on the ferns and fern-allies growing naturally on the Everglades Keys and Florida Keys. The author, New York. 80 p.
- Small, J. K. 1918. The genus Anamomis in Florida. Torreya 17:221-224.
- Small, J. K. 1918. Coreopsis Leavenworthii--Leavenworth's-tickseed. Addisonia 3:65-66.
- Small, J. K. 1918. Lantana depressa--pineland-lantana. Addisonia 3:69-70.
- Small, J. K. 1918. Narrative of a cruise to Lake Okeechobee. Am. Mus. J. 18(8):685-700.
- Small, J. K. 1918. Ferns of Royal Palm Hammock. The author, New York. 39 p.

- Small, J. K. 1919. Okenia hypogaea--Dune-groundnut. Addisonia 4:11-12.
- Small, J. K. 1919. The prickly pears of Florida. Jour. N.Y. Bot. Gard. 20:21-39.
- Small, J. K. 1919. Mentzelia floridana--Poor-man's patches. Addisonia 4:13-14.
- Small, J. K. 1919. Heliotropium polyphyllum--White heliotrope. Addisonia 4:25-26.
- Small, J. K. 1919. Ipomoea tenuissima--Cuban morning-glory. Addisonia 4:15-16.
- Small, J. K. 1919. Coastwise dunes and lagoons: a record of botanical exploration in Florida in the spring of 1918. Jour. N.Y. Bot. Gard. 20:191-207.
- Small, J. K. 1919. Urechites pinetorum--Wild-allamanda. Addisonia 4:21-22.
- Small, J. K. 1919. Limodorum Simpsonii--Simpson's grass-pink. Addisonia 4:7-8.
- Small, J. K. 1919. The Cape Sable region of Florida. The author, New York. 27 p.
- Small, J. K. 1919. Chamaecrista Deeringiana--Deering's partridge-pea. Addisonia 4:1-2.
- Small, J. K. 1919. Heliotropium Leavenworthii--Yellow-heliotrope. Addisonia 4:29-30.
- Small, J. K. 1919. Rhabdadenia corallicola--Little-allamanda. Addisonia 4:33-34.
- Small, J. K. 1920. Of grottoes and ancient dunes: a record of exploration in Florida in December 1918. Jour. N.Y. Bot. Gard. 21:25-38, 45-54.
- Small, J. K. 1920. Cypress and population in Florida: the relation of phytogeography to the drift of population as shown in the case of Taxodium. Jour. N.Y. Bot. Gard. 21:81-86.
- Small, J. K. 1920. The land of ferns. Jour. Elisha Mitchell Sci. Soc. 35:92-104.
- Small, J. K. 1920. A botanical excursion to the Big Cypress. Nat. Hist. 20(4):488-500.
- Small, J. K. 1921. Old trails and new discoveries. A record of exploration in Florida in the spring of 1919. Jour. N.Y. Bot. Gard. 22:25-40.
- Small, J. K. 1921. Historic trails, by land and by water. A record of exploration in Florida in December 1919. Jour. N.Y. Bot. Gard. 22:193-222.
- Small, J. K. 1921. Seminole bread: the Conti. Jour. N.Y. Bot. Gard. 22:121-137.
- Small, J. K. 1922. The buccaneer-palm. History and distribution of Pseudophoenix. Jour. N.Y. Bot. Gard. 23:33-43.
- Small, J. K. 1922. The saw-cabbage palm: Paurotis Wrightii. The history and distribution of Paurotis Wrightii. Jour. N.Y. Bot. Gard. 23:61-70.

- Small, J. K. 1922. Wild pumpkins. Have we found the original home of this garden esculent? Jour. N.Y. Bot. Gard. 23:19-23.
- Small, J. K. 1922. The botanical fountain of youth. A record of exploration in Florida in April 1920. Jour. N.Y. Bot. Gard. 23:117-133.
- Small, J. K. 1923. Land of the question mark. Report on exploration in Florida in December 1920. Jour. N.Y. Bot. Gard. 24:1-23, 25-43, 62-70.
- Small, J. K. 1923. Green deserts and dead gardens. A record of exploration in Florida in the spring of 1921. Jour. N.Y. Bot. Gard. 24:193-247.
- Small, J. K. 1923. The cabbage-tree: Sabal palmetto. Jour. N.Y. Bot. Gard. 24:145-158.
- Small, J. K. 1923. Eugenia buxifolia--Helmet stopper. Addisonia 8:1-2.
- Small, J. K. 1924. Plant novelties from Florida. Bull. Torrey Bot. Club 51:379-393.
- Small, J. K. 1924. Ardisia polycephala--Spear-flower. Addisonia 8:57-58.
- Small, J. K. 1924. The silver-palm: Coccothrinax argentea. Jour. N.Y. Bot. Gard. 25:237-242.
- Small, J. K. 1924. The land where spring meets autumn. A record of exploration in Florida in December, 1921. Jour. N.Y. Bot. Gard. 25:53-94.
- Small, J. K. 1924. Whence came our orchids? Some aspects of the why and wherefore. Jour. N.Y. Bot. Gard. 25:261-266.
- Small, J. K. 1925. Silk-top thatch: Thrinax parviflora. Jour. N.Y. Bot. Gard. 26:49-54.
- Small, J. K. 1925. Iris savannarum--Prairie blue-flag. Addisonia 9:57-58.
- Small, J. K. 1925. The scrub-palmetto--Sabal Etonia. Jour. N.Y. Bot. Gard. 26:145-151.
- Small, J. K. 1925. A new varnish-leaf tree from the Florida Keys (Dodonaea microcarya). Torrey 25:38-39.
- Small, J. K. 1926. The saw-palmetto: Serenoa repens. Jour. N.Y. Bot. Gard. 27:193-202.
- Small, J. K. 1926. Catharanthus roseus--old-maid. Addisonia 11:27-28.
- Small, J. K. 1926. An additional species of Peperomia from Florida (Peperomia floridana). Torrey 26:109-110.
- Small, J. K. 1927. Among floral aborigines: a record of exploration in Florida in the winter of 1922. Jour. N.Y. Bot. Gard. 28:1-20, 25-40.
- Small, J. K. 1927. The James palmetto--Sabal Jamesiana. Jour. N.Y. Bot. Gard. 28:181-185.

- Small, J. K. 1927. Cacti. Jour. N.Y. Bot. Gard. 28:221-226.
- Small, J. K. 1927. Desmothamnus lucidus--Fetterbush. Addisonia 11:51-52.
- Small, J. K. 1928. A new Chamaesyce from the Florida Keys (Chamaesyce keyensis). Torreya 28:6.
- Small, J. K. 1928. The royal-palm: Roystonea regia. Jour. N.Y. Bot. Gard. 29:1-9.
- Small, J. K. 1928. Platypus altus--Scoop-orchid. Addisonia 13:45-46.
- Small, J. K. 1928. Maytenus phyllanthoides--Northern mayten. Addisonia 13:39-40.
- Small, J. K. 1928. Bletia purpurea--Pine-pink. Addisonia 13:41-42.
- Small, J. K. 1928. A new Chamaesyce from tropical Florida (Chamaesyce adhaerens). Torreya 27:104.
- Small, J. K. 1928. Psychotria Sulzneri--Wild coffee. Addisonia 13:47-48.
- Small, J. K. 1928. Botanical fields, historic and prehistoric. A record of exploration in the Southeastern Coastal Plain in the spring of 1923. Jour. N.Y. Bot. Gard. 29:149-179.
- Small, J. K. 1929. The coconut-palm: Cocos nucifera. Jour. N.Y. Bot. Gard. 30:153-161, 194-203.
- Small, J. K. 1929. From Eden to Sahara: Florida's tragedy. Science Press Printing Co., Lancaster, Pa. 123 p.
- Small, J. K. 1929. The Everglades. Sci. Mon. 28:80-87.
- Small, J. K. 1930. Physalis Elliotii--Orange ground cherry. Addisonia 15:23-24.
- Small, J. K. 1930. Malvaviscus Drummondii--May-apple. Addisonia 15:19-20.
- Small, J. K. 1930. Citharexylum fruticosum--Fiddlewood. Addisonia 15:31-32.
- Small, J. K. 1930. Vegetation and erosion on the Everglade Keys. Sci. Mon. 30:33-49.
- Small, J. K. 1930. Consolea corallicola--Florida semaphore cactus. Addisonia 15:25-26.
- Small, J. K. 1930. Befaria racemosa--tar-flower. Addisonia 15:21-22.
- Small, J. K. 1930. The Okeechobee gourd (Pepo okeechobeensis). Jour. N.Y. Bot. Gard. 31:10-14.
- Small, J. K. 1930. Chronicle of the palms of the continental United States. Jour. N.Y. Bot. Gard. 31:55-66.

- Small, J. K. 1930. Swietenia mahagoni--mahogany. Addisonia 15:27-28.
- Small, J. K. 1931. Ferns of Florida; being descriptions of and notes on the fern-plants growing naturally in Florida. Science Press, New York. 237 p.
- Small, J. K. 1931. The water-lilies of the United States. Jour. N.Y. Bot. Gard. 32:116-121.
- Small, J. K. 1931. Botanical crossroads, historic and prehistoric. Jour. N.Y. Bot. Gard. 32:92-94.
- Small, J. K. 1931. The wild pepper-plants of continental United States. Jour. N.Y. Bot. Gard. 32:210-223.
- Small, J. K. 1931. The brittle-thatch: Thrinax microcarpa. Jour. N.Y. Bot. Gard. 32:1-6.
- Small, J. K. 1931. The cypress, southern remnant of a northern fossil type. Jour. N.Y. Bot. Gard. 32:125-135.
- Small, J. K. 1931. Palms of the continental United States. Sci. Mon. 32:240-255.
- Small, J. K. 1931. Cephalocereus Deeringii--Deering's tree-cactus. Addisonia 16:39-40.
- Small, J. K. 1932. Asclepias lanceolata--Everglade milkweed. Addisonia 17:27-28.
- Small, J. K. 1932. Solanum Blodgettii--Christmas-berry. Addisonia 17:41-42.
- Small, J. K. 1932. Cypress trees and air-plants. Jour. N.Y. Bot. Gard. 33:117-123.
- Small, J. K. 1932. Harrisia Simpsonii--Simpson's prickly-apple. Addisonia 17:59-60.
- Small, J. K. 1932. Tamala littoralis--Dune red bay. Addisonia 17:45-46.
- Small, J. K. 1932. Harrisia fragrans--fragrant prickly-apple. Addisonia 17:29-30.
- Small, J. K. 1933. Bromeliads and pine trees. Jour. N.Y. Bot. Gard. 34:165-170.
- Small, J. K. 1933. Hydrotrida caroliniana--Water-hyssop. Addisonia 18:29-30.
- Small, J. K. 1933. A tree sedge. Jour. N.Y. Bot. Gard. 34:63-65.
- Small, J. K. 1933. Ludwigiantha arcuata--long-stalked Ludwigiantha. Addisonia 18:15-16.
- Small, J. K. 1933. Semi-aquatic cacti. Jour. N.Y. Bot. Gard. 34:199-203.
- Small, J. K. 1933. Hypoxis juncea--Pine star-grass. Addisonia 18:3-4.
- Small, J. K. 1933. Ilysanthes grandiflora--Carpet pimpernel. Addisonia 18:31-32.

- Small, J. K. 1933. Rhynophorum spathulifolium—Fragrant wild-pepper. Addisonia 18:9-10.
- Small, J. K. 1933. Manual of the southeastern flora; being descriptions of the seed plants growing naturally in Florida, Alabama, Mississippi, eastern Louisiana, Tennessee, North Carolina, South Carolina and Georgia. The author, New York. 1554 p.
- Small, J. K. 1934. Epicladium Boothianum--Dollar orchid. Addisonia 18:61-62.
- Small, J. K. 1934. An Everglade cypress swamp. Jour. N.Y. Bot. Gard. 34:261-267.
- Small, J. K. 1934. Samodia ebracteata--Marsh pimperl. Addisonia 18:41-42.
- Small, J. K. 1934. Do cycads branch? Jour. N.Y. Bot. Gard. 35:180-184.
- Small, J. K. 1934. Solanum Seaforthianum—Seaforth's nightshade. Addisonia 18:59-60.
- Small, J. K. 1934. Jacquemontia reclinata--Dune jacquemontia. Addisonia 18:35-36.
- Small, J. K. 1934. Two aged epiphytic orchids. Jour. N.Y. Bot. Gard. 35:256-257.
- Small, J. K. 1935. The pencil-cactus (Rhipsalis) in Florida and at the Garden. Jour. N.Y. Bot. Gard. 36:118-120.
- Small, J. K. 1935. The rapid growth of the royal palm. Jour. N.Y. Bot. Gard. 36:217-220.
- Small, J. K. 1935. Chronicle of the cacti of eastern North America. Jour. N.Y. Bot. Gard. 36:1-11.
- Small, J. K. 1935. Ferns of the Southeastern flora. Jour. N.Y. Bot. Gard. 36:177-188.
- Small, J. K. 1935. Remarkable vitality among palms. Jour. N.Y. Bot. Gard. 36:261-270.
- Small, J. K. 1938. Ferns of the southeastern states. Science Press, Lancaster, Pa. 517 p.
- Smith, L. B. 1977. Tillandsioideae (Bromeliaceae). Flora Neotropica 14(2): 663-1492. Hafner Press, N.Y.
- Smith, R. R., and D. B. Ward. 1976. Taxonomy of the genus Polygala series Decurrentes (Polygalaceae). Sida 6(4):284-310.
- Smith, W. G. 1968. Sedimentary environments and environmental change in the peat-forming area of South Florida. Ph.D. Dissertation. Pennsylvania State Univ., University Park.

- Smithsonian Institution. 1975. Report on endangered and threatened plant species of the United States. House Document 94-51, Serial 94-A, 94th Congress, 1st Session. 200 p.
- Snedaker, S. C., and A. E. Lugo. 1973. The role of mangrove ecosystems in the maintenance of environmental quality and a high productivity of desirable fisheries: final report to the Bureau of Sport Fisheries and Wildlife, Contract No. 14-16-008-606. Center for Aquatic Sciences, Gainesville, Fla. 405 p.
- Snedaker, S. C., and D. J. Pool. 1973. The role of mangrove ecosystems: mangrove forest types and biomass. Univ. of Florida, Gainesville. 16 p. PB-231 742.
- Snow, D. W. 1965. A possible selective factor in the evolution of fruiting seasons in tropical forest. *Oikos* 15(II):274-281.
- Snyder, E. 1940. Florida trees; a practical handbook for the identification of Florida's trees and palms. Geddes Printing House, Ft. Myers, Fla. 150 p.
- Soil Conservation Service. 1974. Important native grasses for range conservation in Florida. U.S. Dept. Agric. 163 p.
- Spackman, W., A. D. Cohen, P. H. Given, and D. J. Casagrande. 1974. The comparative study of the Okefenokee Swamp and the Everglades mangrove swamp-marsh complex of southern Florida. Field Guidebook for Geol. Soc. Amer. Preconvention Field Trip, No. 6, Nov. 15:17, 1974.
- Spackman, W., A. D. Cohen, P. H. Given, and D. J. Casagrande. 1976. A field guidebook to aid in the comparative study of the Okefenokee Swamp and the Everglades mangrove swamp marsh complex of southern Florida. Short Course Presentation, Coal Research Section, Pennsylvania State Univ., University Park. 396 p.
- Spackman, W., D. P. Dolsen, and W. Riegel. 1966. Phytogenic organic sediments and sedimentary environments in the Everglades mangrove complex. *Palaeontographica* Band 117:135-152.
- Spackman, W., W. L. Riegel, and C. P. Dolsen. 1969. Geological and biological interactions in the swamp-marsh complex of southern Florida. *Geol. Soc. Am. Special Pap.* 114. 35 p.
- Spackman, W., D. W. Scholl, and W. H. Taft. 1964. Field guidebook to environments of coal formation in southern Florida. *Geol. Soc. Am. Fieldtrip Guidebook.* 67 p.
- Squillace, A. E. 1966. Geographic variation in slash pine. *For. Sci. Monogr.* 1011-56.
- Steinberg, B. 1976. Vegetation analysis of the Atlantic Coastal Ridge of Broward County, Florida. M.S. Thesis. Florida Atlantic Univ., Boca Raton. 89 p.
- Stern, W. L. and G. K. Brizicky. 1957. The woods and flora of the Florida Keys. Introduction. *Tropical Woods* 107:36-65.

- Stern, W. L., G. K. Brizicky, and F. N. Tamolang. 1963. The woods and flora of the Florida Keys: Capparaceae. *Contr. U.S. Nat. Herb.* 34(2):25-43.
- Stern, W. L., and G. K. Voight. 1959. Effect of salt concentration on growth of red mangrove in culture. *Bot. Gaz.* 121:36-39.
- Stevenson, G. B. 1969. Trees of Everglades National Park and the Florida Keys. *Everglades Nat. Hist. Assoc.* 32 p.
- Stevenson, G. B. 1974. Palms of South Florida. George B. Stevenson. 250 p.
- Steward, K. K. 1974. Physiological, edaphic, and environmental characteristics of Everglades sawgrass communities. Pages 37-46 in P. J. Gleason, ed. *Environments of South Florida: Present and Past.* Miami Geol. Soc. Mem. 2.
- Steward, K. K. and H. W. Ornes. 1972. Inorganic nutrient utilization by aquatic vegetation of the Florida Everglades. Semiannual report for fiscal year 1972. U.S. Dept. Agric. Agric. Res. Serv. 23 p.
- Steward, K. K. and W. H. Ornes. 1973. Investigations into the mineral nutrition of sawgrass using experimental cultural techniques. *Agric. Res. Serv., Ft. Lauderdale, Fla.* 11 p. PB-231 609.
- Steward, K. K. and W. H. Ornes. 1973. Assessing the capability of the Everglades marsh environment for renovating wastewater. *Agric. Res. Serv., Ft. Lauderdale, Fla.* 27 p. PB-231 652.
- Steward, K. K. and W. H. Ornes. 1975. Assessing a marsh environment for wastewater renovation. *Jour. Water Pollut. Control Fed.* 47(7):1880-1891.
- Steward, K. K. and W. H. Ornes. 1975. Autecology of sawgrass in the Florida Everglades. *Ecology* 56(1):162-171.
- Stewart, E. H., D. P. Powell, and L. G. Hammond. 1963. Moisture characteristics of some representative soils of Florida. U.S. Agric. Res. Serv. Rept. 41-63. 52 p.
- Stoddart, D. R. 1962. Three Caribbean atolls: Turneffe Islands, Lighthouse Reef, and Clover's Reef, British Honduras. *Atoll Res. Bull.* 87:1-151.
- Stone, P. A. 1978. Floating islands--biogeomorphic features of Hillsboro Marsh, northeastern Everglades, Florida. M.S. Thesis, College of Social Sciences, Florida Atlantic Univ., Boca Raton. 91 p.
- Stone, P. A. and P. J. Gleason. 1976. The organic sediments of Corkscrew Swamp Sanctuary. Pages 763-771 in H. T. Odum, K. C. Ewel, J. W. Ordway, and M. K. Johnston, eds., *Cypress Wetlands for Water Management, Recycling and Conservation.* Report to National Science Foundation and Rockefeller Foundation. Center for Wetlands, Univ. of Florida, Gainesville.
- Sturrock, D. 1968. Trees for southern Florida. Central and Southern Florida Flood Control District, West Palm Beach, Florida. 242 p.
- Swallen, J. R. 1941. New United States grasses. *Jour. Wash. Acad. Sci.* 31(8):348-355.

- Tabb, D. D., R. T. Alexander, T. M. Thomas, and N. Maynard. 1967. The physical biological and geological character of the area south of C-111 canal in extreme southeastern Everglades National Park, Florida. Report to U.S. National Park Service. 55 p.
- Tabb, D. C., D. L. Dubrow, and R. B. Manning. 1962. The ecology of northern Florida Bay and adjacent estuaries. State of Florida Board of Conservation Technical Series No. 39. Inst. of Marine Sciences, Univ. of Miami, Virginia Key, Miami, Fla. 81 p.
- Tabb, D. C. and N. Kenny. 1969. Contour mapping of the coastal plain of Everglades National Park by the periphyton method. Institute of Marine Science, Univ. of Miami, Florida. Unpub. Rept. 17 p.
- Tarver, D. P., et al. 1978. Aquatic and wetland plants of Florida. Fla. Dept. Natl. Resources, Bur. of Aquatic Plant Res. and Control. 127 p.
- Taylor, W. R. 1928. The marine algae of Florida with special reference to the Dry Tortugas. Pap. Tortugas Lab. Carnegie Inst. Wash. 25:1-219.
- Taylor, W. R. 1960. Marine algae of the eastern tropical and subtropical coasts of the Americas. Univ. of Michigan Press, Ann Arbor, Mich. 870 p.
- Teal, J. M. 1962. Energy flow in the salt marsh ecosystem of Georgia. Ecology 43(4):614-624.
- Teas, H. J. 1976. Herbicide toxicity in mangroves. U.S. Environmental Protection Agency, Gulf Breeze, Fla. 34 p. EPA-600/3-76-004.
- Teas, H. J. 1976. Productivity of Biscayne Bay Mangroves. Pages 103-112 in Biscayne Bay Symposium, Univ. of Miami, 1976. Past/Present/Future. Miami Sea Grant Spec. Rept. 5.
- Teas, H. J., H. R. Wanless, and R. E. Chardon. 1976. Effects of man on the shore vegetation of Biscayne Bay. Pages 133-156 in Biscayne Bay Symposium, Univ. of Miami, 1976. Past/Present/Future. Miami Sea Grant Sea Grant Spec. Rept. 5.
- Thom, B. G. 1967. Mangrove ecology and deltaic geomorphology: Tabasco, Mexico. J. Ecol. 55:301-343.
- Thom, B. G. 1975. Mangrove ecology from a geomorphic viewpoint. Pages 469-481 in Proceedings of the International Symposium on the Biology and Management of Mangroves (G. E. Walsh, S. C. Snedaker, and H. J. Teas, eds.), Univ. of Florida Press, Gainesville.
- Thompson, T. W. 1969. Deuteromycete populations in the attached sargassum communities off Key Largo. Ph.D. Thesis. Univ. of Miami. 234 p.
- Thorhaug, A. L. 1965. Aspects of the developmental morphology and biology of the genus Penicillus, a green marble alga. M.S. Thesis. Univ. of Miami. 119 p.
- Thorhaug, A. 1970. Temperature limits of some tropical marine algae. J. Phycol. 6 (Suppl. 2):512-513.

- Thorhaug, A. L. 1971. Temperature effects on Valonia bioelectric potential. *Biochem. Biophys. Acta* 225(1):151-158.
- Thorhaug, A. 1974. Transplantation of the seagrass Thalassia testudinum Konig. *Aquaculture* 4:257-264.
- Thorhaug, A. 1976. The vascular plants of Biscayne Bay. Pages 95-102 in *Biscayne Bay Symposium, Univ. of Miami, 1976. Past/Present/Future. Miami Sea Grant Sea Grant Spec. Rept. 5.*
- Thorhaug, A. and R. Stearns. 1971. A field study of the marine angiosperm Thalassia testudinum in a tropical marine estuary before and after addition of heated industrial effluents. *Am. Jour. Bot.* 58(5):476-477.
- Tilmant, J. T. and S. Hersh. 1980. Investigations of rodent damage to thatch palms Thrinax morrisii and Thrinax radiata on Elliott Key, Biscayne National Monument, Florida. South Florida Research Center Report M-589.
- Timmer, C. E. and L. W. Weldon. 1967. Evapotranspiration and pollution of water by water hyacinth. *Hyacinth Control Jour.* 6:34-37.
- Tomlinson, P. B. 1969. On the morphology and anatomy of turtle grass, Thalassia testudinum (Hydrocharitaceae). II. Anatomy and development of the root in relation to function. *Bull. Mar. Sci.* 19(1):57-71.
- Tomlinson, P. B. 1969. On the morphology and anatomy of turtle grass, Thalassia testudinum (Hydrocharitaceae). III. Floral morphology and anatomy. *Bull. Mar. Sci.* 19(2):286-305.
- Tomlinson, P. B. 1974. Breeding mechanisms in trees native to tropical Florida - a morphological assessment. *Jour. Arnold Arboretum* 55:269-290.
- Tomlinson, P. B. and A. M. Gill. 1972. Growth habits of tropical trees: some guiding principles. In B. J. Meggers, ed., *Tropical Forest Ecosystems in Africa and South America: A Comparative Review*. Smithsonian Institution Press. Washington, D.C.
- Tomlinson, P. B. and F. C. Craighead, Sr. 1972. Growth ring studies on the native trees of subtropical Florida. Pages 39-56 in A. K. M. Ghouse, and M. Yunus, eds., *Research trends in plant anatomy. K. A. Chowdhury Commemorative Volume*, Tate McGraw-Hill Pub. Co. Ltd., New Delhi, India.
- Tomlinson, P. B. and G. A. Vargo. 1966. On the morphology and anatomy of turtle grass, Thalassia testudinum (Hydrocharitaceae). I. Vegetative morphology. *Bull. Mar. Sci.* 16(4):748-761.
- Tomlinson, P. B. and M. H. Zimmermann. 1978. *Tropical Trees as Living Systems*. Cambridge Univ. Press, New York. 675 p.
- U.S. Department of Agriculture. 1974. Seeds of woody plants in the United States. *Agric. Handbook* 450. 881 p.
- U.S. Department of Agriculture. 1975. Soil taxonomy. *Agric. Handbook* 436. 754 p.

- U.S. Fish and Wildlife Service, Region IV. 1954. The wetlands of Florida in relation to their wildlife value. Compiled by the Office of River Basin Studies Staff. U.S. Fish and Wildlife Service, Office of River Basin Studies Staff, Atlanta, Ga. 58 p.
- Uphof, J. C. T. 1924. Ecological observations on plants of the marshes and swamps of central Cuba. *Ecol.* 5:363-371.
- Van Armen, J. and R. Goodrick. 1979. Effects of fire on a Kissimmee River marsh. *Florida Scientist* 42(1):183-195.
- Vander Kloet, S. P. 1979. Florida Archboldiensis: being an annotated list of the vascular plants of the Archbold Biological Station. 64 p.
- Van Meter, N. 1965. Some quantitative and qualitative aspects of periphyton in the Everglades. M.S. Thesis, Univ. of Miami, Florida. 108 p.
- Van Meter-Kasanov, N. 1973. Ecology of the microalgae of the Florida Everglades. Part I. Environment and some aspects of freshwater periphyton. *Nova Hedwigia Zeitschrift für Kryptogamenskunde* 24:619-664.
- Vaughn, T. W. 1909. The geologic work of mangroves in southern Florida. *Smithson. Misc. Collect.* 52(5):461-464.
- Vernon, R. O. 1947. Cypress domes. *Science* 105:97-99.
- Volk, B. G., S. D. Schnitz, J. F. Gamble, and J. B. Sartain. 1974. Base-line data on Everglades soil-plant systems: elemental composition, biomass, and soil depth. Pages 658-672 in *Mineral Cycling in Southeastern Ecosystems*, F. G. Howell, J. B. Gentry, and M. H. Smith (eds.). ERDA Symposium Series (CONF-740513).
- Vollenweider, R. A. 1969. A Manual of Methods for Measuring Primary Production in Aquatic Environments. (Intl. Biol. Program Handbook No. 12). Blackwell, Oxford.
- Voss, G. L. and R. Hanlon. 1975. Guide to the sea grasses of Florida, the Gulf of Mexico and the Caribbean region. Univ. Miami Sea Grant Field Guide Ser. 4. 30 p.
- Wade, D., J. J. Ewel, and R. H. Hofstetter. 1979. Fire in South Florida ecosystems. UDSA, For. Serv.
- Wade, D., J. Ewel, and R. Hofstetter. 1980. Fire in South Florida Ecosystems. U.S. Dept. Agr., Forest Service Gen. Tech. Rpt. SE-17. 125 p.
- Wagner, R. H. 1964. The ecology of Uniola paniculata L. in the dune-strand habitat of North Carolina. *Ecol. Monogr.* 34:79-96.
- Waibel, L. 1943. Place names as an aid in the reconstruction of the original vegetation of Cuba. *Geogr. Rev.* 33:376-396.

- Walsh, G. E. 1974. Mangroves: a review. Pages 55-174 in R. J. Reimold and W. H. Queen, eds. Ecology of Halophytes. Academic Press. N.Y. 605 p.
- Walsh, G. E., K. A. Ainsworth, and R. Rigby. 1979. Resistance of red mangrove seedlings to lead, cadmium, and mercury. Biotropica 11(1):22-27.
- Walsh, G. E., R. Barrett, G. H. Cook, and T. A. Hollister. 1973. Effects of herbicides on seedlings of the red mangrove, Rhizophora mangle L. Bioscience 23:361-364.
- Walsh, G. E., S. Snedaker, and H. Teas. eds. 1974. Proc. International Symposium on biology and management of mangroves. 2 volumes. Honolulu, Hawaii. 1247 p.
- Wanless, H. R. 1974. Mangrove sedimentation in geologic perspective. Pages 190-200 in P. J. Gleason, ed. Environments of South Florida: Present and Past. Miami Geol. Soc. Mem. 2.
- Ward, D. B. 1963. Contributions to the Flora of Florida: Pinus (Pinaceae). Castanea 28:1-10.
- Ward, D. B. 1967. Acacia macracantha, a new tree to Florida and the United States. Brittonia 19:283-284.
- Ward, D. B. 1968. Contributions to the flora of Florida: Evolvulus (Convolvulaceae). Castanea 33:76-79.
- Ward, D. B. 1968. Contributions to the Flora of Florida: Fimbristylis (Cyperaceae). Castanea 33:123-135.
- Ward, D. B. 1968. Checklist of the vascular flora of Florida. Part 1. Univ. Fla. Agr. Exp. Stn. Bull. 726. 72 p.
- Ward, D. B. 1972. Checklist of the legumes of Florida. Univ. of Florida, Gainesville. 21 p.
- Ward, D. B. 1974. Contributions to the flora of Florida: Corydalis, Fumaria (Fumariaceae). Castanea 39:77-81.
- Ward, D. B. 1974. Contributions to the flora of Florida: Vaccinium (Ericaceae). Castanea 37:191-205.
- Ward, D. B. 1975. Contributions to the flora of Florida: Elephantopus and Pseudoelephantopus (Asteraceae). Castanea 40:213-217.
- Ward, D. B. 1977. Keys to the flora of Florida: Dioscoreaceae. Phytologia 38(2):151-154.
- Ward, D. B. 1977. Keys to the Flora of Florida: Nymphaea (Nymphaeaceae). Phytologia 37(5):443-448.
- Ward, D. B. 1977. Night-flowering waterlilies in Florida. Fla. Sci. 40(2):155-159.

- Ward, D. B. 1977. Keys to the Flora of Florida: Paronychia (Caryophyllaceae). *Phytologia* 35(6):414-418.
- Ward, D. B. 1977. Keys to the Flora of Florida. Introduction. *Phytologia* 35:404-413.
- Ward, D. B. 1978. Keys to the Flora of Florida: Aletris (Liliaceae). *Phytologia* 38(5):365-368.
- Ward, D. B. 1978. Keys to the Flora of Florida: Campanulaceae. *Phytologia* 39(1):1-12.
- Ward, D. B. (ed.) 1979. Rare and Endangered Biota of Florida, Vol. 5, Plants. Univ. Presses of Fla. 175 p.
- Ward, D. B. and P. R. Fantz. 1977. Keys to the flora of Florida: Boraginaceae. *Phytologia* 36(4):309-323.
- Ward, D. B. and E. M. Leigh. 1975. Contributions to the flora of Florida: Eleocharis (Cyperaceae). *Castanea* 40:16-36.
- Watkins, J. V. 1969. Florida landscape plants, native and exotic. Univ. of Florida Press, Gainesville. 368 p.
- Watts, W. A. 1971. Postglacial and interglacial vegetation history of southern Georgia and central Florida. *Ecol.* 52:676-690.
- Watts, W. A. 1975. A late Quaternary record of vegetation from Lake Annie, south-central Florida. *Geology* 3:344-346.
- Webster, G. L. 1967. The genera of Euphorbiaceae in the southeastern United States. *Jour. Arn. Arb.* 48(3):357.
- Webster, G. L. 1970. A revision of Phyllanthus in the continental United States. *Brittonia* 22:44-76.
- Weiner, A. H. 1978. Summary report of the Florida Keys hardwood hammock project, phase I. Florida Cooperative Extension Service and National Audubon Society, Tavernier, Fla. 26 p.
- Welch, B. L. 1963. From coral reef to tropical island via Thalassia and mangrove. *Va. Jour. Sci.* 14(4):213-214.
- Weldon, L. W., and R. D. Blackburn. 1966. Water lettuce: nature, problem, and control. *Fla. Agric. Exp. Stn. Jour. Series* 2379. 5 p.
- Werner, H. W. 1975. The effects of fire on sawgrass in Shark Slough. Everglades National Park. 67 p.
- Werner, H. W. 1975. The biology of the Cape Sable Sparrow. A report prepared for : U.S. Fish and Wildlife Service, Frank M. Chapman Memorial Fund, the International Council for Bird Preservation, U.S. National Park Service. 215 p.

- Werth, C. R., W. V. Baird, and L. J. Musselman. 1979. Root parasitism in Schoepfia Schreb. (Olacaceae). *Biotropica* 11(2):140-143.
- West, E., and L. E. Arnold. 1948. The native trees of Florida. Univ. of Florida Press, Gainesville. 218 p.
- West, E., and M. W. Emmel. 1952. Poisonous plants in Florida. Fla. Agric. Exp. Stn. Bull. 510. 57 p.
- Wheat, D. 1980. Sylleptic branching in Myrsine floridana (Myrsinaceae). *Amer. Jour. Bot.* 67(4):490-499.
- Wheeler, L. C. 1939. A miscellany of New World Euphorbiaceae-II. *Contr. Gray Herb.* 127:48-78.
- Wherry, E. T. 1964. The Southern Fern Guide: Southeastern and South-Midland United States. Doubleday & Co., Garden City, N.Y. 349 p.
- White, D. A., T. E. Weiss, J. M. Trapani, and L. B. Thien. 1978. Productivity and decomposition of the dominant salt marsh plants in Louisiana. *Ecology* 59(4):751-759.
- White, P. F. 1964. Growth conditions of some macrophytic aquatic communities in some southern Florida canals. M.S. Thesis, Univ. of Fla., Gainesville. 140 p.
- White, P. S. 1979. Pattern, process, and natural disturbance in vegetation. *Bot. Rev.* 45(3):229-299.
- Whitford, L. A. 1956. A theory on the formation of cypress knees. *Elisha Mitchell Sci. Soc. Jour.* 72:80-83.
- Wilbur, R. L. 1964. A revision of the dwarf species of Amorpha. *Jour. Elisha Mitchell Sci. Soc.* 80(2):51-65.
- Wilbur, R. L. 1974. A new species of Lechea from peninsular Florida. *Rhodora* 76:478-483.
- Williams, L. 1967. Forests of Southeast Asia, Puerto Rico, and Texas. U.S. Dept. Agric., Washington, D.C. 410 p.
- Williams, R. H. 1945. Seaweed utilization in south Florida. *Quart. Jour. Fla. Acad. Sci.* 8(2):161-170.
- Wilson, P. 1911. Rutaceae. *N. Amer. Flora* 25:173-224.
- Wilson, S. U. 1974. Metabolism and biology of a blue-green algal mat. M.S. Thesis. Univ. of Miami. 81 p.
- Withner, C. L. 1977. Threatened and endangered species of orchids. Pages 314-322 in G. T. Prance and T. S. Elias, eds. *Extinction is Forever*. New York Botanical Garden, New York.
- Wood, E. J. F., and J. C. Zieman. 1969. The effects of temperature on estuarine plant communities. *Chesapeake Sci.* 10(3 & 4):172-174.

- Wood, F. and N. G. Maynard. 1974. Ecology of the micro-algae of the Florida Everglades, p. 123-145. In Environments of South Florida: Present and Past, P. J. Gleason (ed.), Memoir 2, Miami Geol. Soc. 452 p.
- Woodall, S. 1978. Melaleuca in Florida. U.S. For. Serv., Lehigh Acres, Fla. 27 p.
- Woodall, S. 1978. Wind dispersal of Melaleuca seeds. U.S. For. Serv. Progress Rept. 4100, FS-SE-1905-2(4), Lehigh Acres, Fl. 20 p.
- Woodbury, R. O. 1948. A study of the mosses of Dade County, Florida. M.S. Thesis, Univ. of Miami, 35 p.
- Woodroffe, C. D., D. R. Stoddart and M. E. C. Giglioli. 1980. Pleistocene patch reefs and Holocene swamp morphology, Grand Cayman Island, West Indies. Jour. Biogeography 7(2):103-113.
- Wunderlin, R. P. 1979. Notes on Spermacoce and Mitracarpus (Rubiaceae) in southeastern United States. Phytologia 41(5):313-316.
- Wunderlin, R. P. and J. E. Poppleton. 1977. The Florida species of Ilex (Aquifoliaceae). Fla. Sci. 40(1):7-21.
- Yates, S. A. 1974. An autecological study of sawgrass Cladium jamaicense in southern Florida. M.S. Thesis, Dept. of Biology, Univ. of Miami, Florida. 93 p.
- Zarnecki, S. 1968. Algae and fish relationships, p. 459-477. In Algae, Man and the Environment, D. F. Jackson (ed.), Syracuse Univ. Press.
- Zieman, J. C., Jr. 1968. A study of the growth and decomposition of the seagrass, Thalassia testudinum. M.S. Thesis. Univ. of Miami. 50 p.
- Zieman, J. C., Jr. 1971. The effects of a thermal effluent stress on the seagrasses and macro-algae in the vicinity of Turkey Point, Biscayne Bay, Florida. Ph.D. Thesis. Univ. of Miami. 210 p.
- Zieman, J. C., Jr. 1972. Origin of circular beds of Thalassia (Spermatophyta: Hydrocharitaceae) in south Biscayne Bay, Florida, and their relationship to mangrove hammocks. Bull. Mar. Sci. 22(3):559-574.
- Zieman, J. C. 1975. Seasonal variation of turtle grass, Thalassia testudinum Koenig, with reference to temperature and salinity effects. Aquat. Bot. 1(2):107-123.
- Zieman, J. C. 1976. The ecological effects of physical damage from motor boats on turtle grass beds in southern Florida. Aquat. Bot. 2(2):127-139.