

Special Publication SJ 87-SP2

CATEGORIZED BIBLIOGRAPHY

OF THE

ORANGE CREEK BASIN

by

Johan F. Gottgens

and

Clay L. Montague

[Separate addendum to: Orange, Lochloosa, and
Newnans Lakes: A survey and preliminary
interpretation of environmental research data]

Systems Ecology and Energy Analysis Program
Department of Environmental Engineering Sciences
University of Florida, Gainesville, FL 32611.

September, 1987

INTRODUCTION

This document contains a categorized bibliography of 135 references which form the basis for our review and synthesis of the reconnaissance profile of the Orange Creek Basin (section 1). Included in the bibliography are technical reports, theses, dissertations, books, published articles, and unpublished manuscripts, each treating aspects of the ecology and management of the Orange Creek Basin. This guide is automated using a data base management system for references (REF-11; DG Systems, Hartford, CT.).

The main purpose of this bibliography is to create a computerized system for references which can be searched, updated, and output in various forms. We have used a limited number of categories (see page 4) to organize this guide. Because the bibliography is automated, we can, on request, generate lists of references in combined categories (either the union or the intersection of two or more categories).

We will continue to add pertinent references to this automated bibliography in an effort to facilitate access to up-to-date research information dealing with the ecology and management of the Orange Creek Basin.

REFERENCE CATEGORIES

Physiography.....	5
Hydrology, climate.....	7
Land-use, vegetation.....	8
Sediments.....	9
Water quality; Newmans Lake.....	10
Water quality; Lochloosa Lake.....	11
Water quality; Orange Lake.....	13
Phytoplankton.....	15
Macrophytes.....	16
Periphyton.....	17
Zooplankton.....	18
Benthos.....	19
Fish.....	20
Game and non-game wildlife.....	22
Aquatic plant control.....	24
Economic considerations.....	26
"Outstanding Florida Water" designation.....	27
Nutrient loading, trophic state.....	28
Lake management, water level fluctuations.....	29

Reference category: Physiography

- Allen, M. (1986) Orange Lake biological report. Supporting document for designation as an Outstanding Florida Water. Florida Game and Fresh Water Fish Commission. Tallahassee, Florida.
- Brooks, H.K. (1981) Geologic map of Florida. Doc. 6-5M-82. Florida Coop. Extension Service, IFAS, University of Florida.
- Canfield, D.E. (1981) Chemical and trophic state characteristics of lakes in relation to regional geology. Final report submitted to Coop. Fish and Wildlife Research Unit, University of Florida.
- Clark, W., R. Musgrove, C. Menke, and J. Cagle (1964) Interim report on the water resources of Alachua, Bradford, Clay, and Union counties, Florida. Florida Geological Inform. circ. #35, State Board of Conservation, Division of Geology. Tallahassee, Fl.
- Crider, D. (1972) Newnans Lake, its history, current environmental problems, and their solution. Unpublished manuscript.
- Crisman, T.L. (1986) Algal control through trophic-level interactions: Investigations at Lakes Wauburg and Newnans, Florida. Final report to Florida Dept. of Natural Resources. Tallahassee, Fl.
- Davis, J.H. (1973) Establishment of mean high-water lines in Florida lakes. Florida Water Resources Research Center, publ. #24. Gainesville, Fl.
- Deevey, E.S. (1987) Estimation of downward leakage from Florida lakes. Limnol. Oceanogr. (in press).
- Langeland, K.A. (1982) Relationships among hydrosol, water chemistry, transparency, chlorophyll a, and submersed macrophyte biomass. Ph.D. dissertation, University of Florida. Gainesville, Fl.
- Nordlie, F.G. (1976) Plankton communities of three central Florida lakes. Hydrobiologia 48 (1): 65-78.
- Pirkle, E.C., and H.K. Brooks (1959) Origin and hydrology of Orange Lake, Santa Fe Lake, and Levy Prairie Lakes of northcentral peninsular Florida. J. of Geology 67 (3): 302-317.
- Putnam, H.D., P.L. Brezonik, W.H. Morgan, and E.E. Shannon (1969) Eutrophication factors in north-central Florida lakes. In (ed): Engineering progress at the University of Florida. College of Engineering, University of Florida.
- Pyne, D.G. (1985) Water resources of the proposed Lochloosa State Forest. In (ed): Friends of Cross Creek, Inc., 1983; A proposal for Lochloosa State Forest, part II. Hawthorne, Florida.

- Reid, G.K. (1952) Some considerations and problems in the ecology of floating islands. Quart. J. Fla. Acad. Sci. 15 1: 63-66.
- Roland, L.O. (1957) Florida watersheds under Public Law 566. Quart. J. Fla. Acad. Sci. 20: 114-120.
- Sellards, E.H. (1912) The soils and other surface residual materials of Florida. In (ed): Fla. Geol. Survey fourth annual report. : pp. 1-79.
- Smith, N.J. (1974) A paper on the environmental problems confronting Newnans Lake. Unpublished manuscript.
- USDA (1985) Soil Conservation Service - Soil Survey of Alachua County, Florida.
- White, W.A. (1970) The geomorphology of the Florida peninsula. Geol. Bull. 51

Reference category: Hydrology, climate

- Bartholic, J.F., R.G. Bill, and L.H. Allen (1980) Measurement of evaporation from lakes and ponds in Florida. University of Florida, Gainesville.
- Bill, R.G., A.F. Cook, L.H. Allen, J.E. Bartholic, and T. Maki (1980) Predicting fluxes of latent and sensible heat of lakes from surface water temperatures. Dept. Fruit Crops, University of Florida, Gainesville. J. Geophys. Res. 85: 507-512.
- Clark, W., R. Musgrove, C. Menke, and J. Cagle (1964) Interim report on the water resources of Alachua, Bradford, Clay, and Union counties, Florida. Florida Geological Inform. circ. #35, State Board of Conservation, Division of Geology. Tallahassee, Fl.
- Davis, J.H. (1973) Establishment of mean high-water lines in Florida lakes. Florida Water Resources Research Center, publ. #24. Gainesville, Fl.
- Deevey, E.S. (1987) Estimation of downward leakage from Florida lakes. Limnol. Oceanogr. (in press).
- FCC (1983) Friends of Cross Creek, Inc. - A proposal for Lochloosa State Forest, part II. Hawthorne, Fl.
- FCC (1985) Friends of Cross Creek, Inc. - Cross Creek special area study. Hawthorne, Fl.
- Hamann, R.G., and M.T. Brown (1987) Prairie Creek C.A.R.L. project proposal. Alachua County Conservation and Recreation Task Force.
- Heath, R.C., and C.S. Conover (1981) Hydrologic almanac of Florida. Open file report 81-1107. U.S. Geological Survey, Tallahassee, Fl.
- Huber, W.C., P.L. Brezonik, J.P. Heaney, R.E. Dickinson, S.D. Preston, D.S. Dwornik, and M.A. Demaio (1982) A classification of Florida lakes. Department of Environmental Engineering Sciences, University of Florida. Gainesville, Fl.
- Pirkle, E.C., and H.K. Brooks (1959) Origin and hydrology of Orange Lake, Santa Fe Lake, and Levy Prairie Lakes of northcentral peninsular Florida. J. of Geology 67 (3): 302-317.
- Pyne, D.G. (1985) Water resources of the proposed Lochloosa State Forest. In (ed): Friends of Cross Creek, Inc., 1983; A proposal for Lochloosa State Forest, part II. Hawthorne, Florida.
- Roland, L.O. (1957) Florida watersheds under Public Law 566. Quart. J. Fla. Acad. Sci. 20: 114-120.
- USDA (1985) Soil Conservation Service - Soil Survey of Alachua County, Florida.

Reference category: Land-use, vegetation

- Alachua County (1985) Cross Creek village special area study - 12, Future land-uses. Dept. Planning & Development.
- Allen, M. (1986) Orange Lake biological report. Supporting document for designation as an Outstanding Florida Water. Florida Game and Fresh Water Fish Commission. Tallahassee, Florida.
- Brown, M.T. (1985) Ecological systems present in the Cross Creek study area. In (ed): Friends of Cross Creek - Cross Creek special study area.
- Center-for-Wetlands (1973) Vegetation and land-use of the St. Johns River Water Management District. University of Florida.
- FCC (1983) Friends of Cross Creek, Inc. - A proposal for Lochloosa State Forest, part II. Hawthorne, Fl.
- FCC (1985) Friends of Cross Creek, Inc. - Cross Creek special area study. Hawthorne, Fl.
- Goodwin, T.M., and W.R. Marion (1979) Seasonal activity ranges and habitat preferences of adult alligators in a north-central Florida lake. J. Herpetology 13 (2): 157-164.
- Hamann, R.G., and M.T. Brown (1987) Prairie Creek C.A.R.L. project proposal. Alachua County Conservation and Recreation Task Force.
- Huber, W.C., P.L. Brezonik, J.P. Heaney, R.E. Dickinson, S.D. Preston, D.S. Dwornik, and M.A. Demaio (1982) A classification of Florida lakes. Department of Environmental Engineering Sciences, University of Florida. Gainesville, Fl.
- Mulholland, R. (1983) Feeding ecology of the common moorhen and purple gallinule on Orange Lake, Florida. M.S. thesis, University of Florida, Gainesville.
- USDA (1985) Soil Conservation Service - Soil Survey of Alachua County, Florida.

Reference category: Sediments

- Flannery, M.S., R.D. Snodgrass, and T.J. Whitmore (1982) Deepwater sediments and trophic conditions in Florida lakes. *Hydrobiologia* 92: 597-602.
- Holly, J.B. (1976) Stratigraphy and sedimentary history of Newnans Lake. M.S. thesis, University of Florida. Gainesville, Fl.
- Pirkle, E.C., and H.K. Brooks (1959) Origin and hydrology of Orange Lake, Santa Fe Lake, and Levy Prairie Lakes of northcentral peninsular Florida. *J. of Geology* 67 (3): 302-317.
- Shireman, J.V., W.T. Haller, D.E. Colle, C.E. Watkins, D.F. Durant, and D.E. Canfield (1983) The ecological impact of integrated chemical and biological aquatic weed control. Final report submitted to Environmental Research Laboratory, Gulf Breeze, Florida.

Reference category: Water quality Newnans Lake

- Brezonik, P.L., and E.E. Shannon (1971) Trophic states of lakes in north and central Florida. Florida Water Resources Research Center, publ. #13. Gainesville, Fl.
- Canfield, D.E. (1981) Chemical and trophic state characteristics of lakes in relation to regional geology. Final report submitted to Coop. Fish and Wildlife Research Unit, University of Florida.
- Canfield, D.E. (1983) Prediction of chlorophyll a concentrations in Florida lakes: The importance of phosphorus and nitrogen. Water Resources Bull. 19 (2): 255-262.
- Canfield, D.E., J.V. Shireman, D.E. Colle, W.T. Haller, C.E. Watkins, and M.J. Maceina (1984) Prediction of chlorophyll a concentrations in Florida lakes: Importance of aquatic macrophytes. Can. J. Fish. Aquat. Sci. 41: 497-501.
- Crisman, T.L. (1986) Algal control through trophic-level interactions: Investigations at Lakes Wauburg and Newnans, Florida. Final report to Florida Dept. of Natural Resources. Tallahassee, Fl.
- Garren, R.A. (1982) Macrophyte species composition - trophic state relationships in fourteen north and northcentral Florida lakes. M.S. thesis, University of Florida. Gainesville, Fl.
- Hand, J., V. Tauxe, and J. Watts (1986) 1986 Florida water quality assessment, 305(b) technical report. Bureau of Water Quality Management. Florida Department of Environmental Regulation, Tallahassee, Fl.
- Huber, W.C., P.L. Brezonik, J.P. Heaney, R.E. Dickinson, S.D. Preston, D.S. Dwornik, and M.A. Demaio (1982) A classification of Florida lakes. Department of Environmental Engineering Sciences, University of Florida. Gainesville, Fl.
- Nordlie, F.G. (1976) Plankton communities of three central Florida lakes. Hydrobiologia 48 (1): 65-78.
- Putnam, H.D., P.L. Brezonik, W.H. Morgan, and E.E. Shannon (1969) Eutrophication factors in north-central Florida lakes. In (ed): Engineering progress at the University of Florida. College of Engineering, University of Florida.
- Shannon, E.E. (1970) Eutrophication - trophic state relationships in north and central Florida lakes. Ph.D. dissertation, University of Florida. Gainesville, Fl.

Reference category: Water quality Lochloosa Lake

- Brezonik, P.L., and E.E. Shannon (1971) Trophic states of lakes in north and central Florida. Florida Water Resources Research Center, publ. #13. Gainesville, Fl.
- Canfield, D.E. (1981) Chemical and trophic state characteristics of lakes in relation to regional geology. Final report submitted to Coop. Fish and Wildlife Research Unit, University of Florida.
- Canfield, D.E. (1983) Prediction of chlorophyll a concentrations in Florida lakes: The importance of phosphorus and nitrogen. Water Resources Bull. 19 (2): 255-262.
- Canfield, D.E., J.V. Shireman, D.E. Colle, W.T. Haller, C.E. Watkins, and M.J. Maceina (1984) Prediction of chlorophyll a concentrations in Florida lakes: Importance of aquatic macrophytes. Can. J. Fish. Aquat. Sci. 41: 497-501.
- Duchrow, R.M. (1970) Water quality study - 1968-1970. Annual progress report for Investigations Project. Florida Game and Fresh Water Fish Commission. Tallahassee, Fl.
- Duchrow, R.M. (1971) Water quality study - 1970-1971. Annual progress report for Investigations Project. Florida Game and Fresh Water Fish Commission. Tallahassee, Fl.
- Duchrow, R.M., and C.C. Starling (1972) Water quality study - 1971-1972. Annual progress report for Investigations Project. Florida Game and Fresh Water Fish Commission. Tallahassee, Fl.
- FDER (1987) Florida Department of Environmental Regulation - Proposed designation of Lochloosa Lake as Outstanding Florida Waters. Report to the Environmental Regulation Commission.
- Hand, J., V. Tauxe, and J. Watts (1986) 1986 Florida water quality assessment, 305(b) technical report. Bureau of Water Quality Management. Florida Department of Environmental Regulation, Tallahassee, Fl.
- Holcomb, D.E. (1968) Water quality study - 1968. Annual progress report for Investigations Project. Florida Game and Fresh Water Fish Commission. Tallahassee, Fl.
- Holcomb, D.E. (1969) Water quality study - 1969. Annual progress report for Investigations Project. Florida Game and Fresh Water Fish Commission. Tallahassee, Fl.
- Holcomb, D.E., and C.C. Starling (1973) Water quality study - 1972-1973. Final completion report. Florida Game and Fresh Water Fish Commission. Tallahassee, Fl.

Water quality Lochloosa Lake

- Huber, W.C., P.L. Brezonik, J.P. Heaney, R.E. Dickinson, S.D. Preston, D.S. Dwornik, and M.A. Demaio (1982) A classification of Florida lakes. Department of Environmental Engineering Sciences, University of Florida. Gainesville, Fl.
- Langeland, K.A. (1982) Relationships among hydrosol, water chemistry, transparency, chlorophyll a, and submersed macrophyte biomass. Ph.D. dissertation, University of Florida. Gainesville, Fl.
- Putnam, H.D., P.L. Brezonik, W.H. Morgan, and E.E. Shannon (1969) Eutrophication factors in north-central Florida lakes. In (ed): Engineering progress at the University of Florida. College of Engineering, University of Florida.
- Shannon, E.E. (1970) Eutrophication - trophic state relationships in north and central Florida lakes. Ph.D. dissertation, University of Florida. Gainesville, Fl.

Reference category: Water quality Orange Lake

- Brezonik, P.L., and E.E. Shannon (1971) Trophic states of lakes in north and central Florida. Florida Water Resources Research Center, publ. #13. Gainesville, Fl.
- Canfield, D.E. (1981) Chemical and trophic state characteristics of lakes in relation to regional geology. Final report submitted to Coop. Fish and Wildlife Research Unit, University of Florida.
- Canfield, D.E. (1983) Prediction of chlorophyll a concentrations in Florida lakes: The importance of phosphorus and nitrogen. Water Resources Bull. 19 (2): 255-262.
- Canfield, D.E., J.V. Shireman, D.E. Colle, W.T. Haller, C.E. Watkins, and M.J. Maceina (1984) Prediction of chlorophyll a concentrations in Florida lakes: Importance of aquatic macrophytes. Can. J. Fish. Aquat. Sci. 41: 497-501.
- Duchrow, R.M. (1970) Water quality study - 1968-1970. Annual progress report for Investigations Project. Florida Game and Fresh Water Fish Commission. Tallahassee, Fl.
- Duchrow, R.M. (1971) Water quality study - 1970-1971. Annual progress report for Investigations Project. Florida Game and Fresh Water Fish Commission. Tallahassee, Fl.
- Duchrow, R.M., and C.C. Starling (1972) Water quality study - 1971-1972. Annual progress report for Investigations Project. Florida Game and Fresh Water Fish Commission. Tallahassee, Fl.
- FDER (1987) Florida Department of Environmental Regulation - Proposed designation of Orange Lake, the River Styx, and Cross Creek as Outstanding Florida Waters. Report to the Environmental Regulation Commission.
- Hand, J., V. Tauxe, and J. Watts (1986) 1986 Florida water quality assessment, 305(b) technical report. Bureau of Water Quality Management. Florida Department of Environmental Regulation, Tallahassee, Fl.
- Holcomb, D.E. (1968) Water quality study - 1968. Annual progress report for Investigations Project. Florida Game and Fresh Water Fish Commission. Tallahassee, Fl.
- Holcomb, D.E. (1969) Water quality study - 1969. Annual progress report for Investigations Project. Florida Game and Fresh Water Fish Commission. Tallahassee, Fl.
- Holcomb, D.E., and C.C. Starling (1973) Water quality study - 1972-1973. Final completion report. Florida Game and Fresh Water Fish Commission. Tallahassee, Fl.

Water quality Orange Lake

- Huber, W.C., P.L. Brezonik, J.P. Heaney, R.E. Dickinson, S.D. Preston, D.S. Dwornik, and M.A. Demaio (1982) A classification of Florida lakes. Department of Environmental Engineering Sciences, University of Florida. Gainesville, Fl.
- Putnam, H.D., P.L. Brezonik, W.H. Morgan, and E.E. Shannon (1969) Eutrophication factors in north-central Florida lakes. In (ed): Engineering progress at the University of Florida. College of Engineering, University of Florida.
- Schramm, H.L., M.V. Hoyer, and K.J. Jirka (1983) Relative ecological value of common aquatic plants. Final report submitted to Florida Dept. of Natural Resources, Tallahassee, Florida.
- Shannon, E.E. (1970) Eutrophication - trophic state relationships in north and central Florida lakes. Ph.D. dissertation, University of Florida. Gainesville, Fl.
- Shireman, J.V., W.T. Haller, D.E. Colle, C.E. Watkins, D.F. Durant, and D.E. Canfield (1983) The ecological impact of integrated chemical and biological aquatic weed control. Final report submitted to Environmental Research Laboratory, Gulf Breeze, Florida.

Reference category: Phytoplankton

Crisman, T.L. (1986) Algal control through trophic-level interactions: Investigations at Lakes Wauburg and Newmans, Florida. Final report to Florida Dept. of Natural Resources. Tallahassee, Fl.

Nordlie, F.G. (1976) Plankton communities of three central Florida lakes. *Hydrobiologia* 48 (1): 65-78.

Schramm, H.L., M.V. Hoyer, and K.J. Jirka (1983) Relative ecological value of common aquatic plants. Final report submitted to Florida Dept. of Natural Resources, Tallahassee, Florida.

Shireman, J.V., W.T. Haller, D.E. Colle, C.E. Watkins, D.F. Durant, and D.E. Canfield (1983) The ecological impact of integrated chemical and biological aquatic weed control. Final report submitted to Environmental Research Laboratory, Gulf Breeze, Florida.

Reference category: Macrophytes

- Allen, M. (1986) Orange Lake biological report. Supporting document for designation as an Outstanding Florida Water. Florida Game and Fresh Water Fish Commission. Tallahassee, Florida.
- Conrow, R. (1984) Habitat preferences and seasonal succession of early life stages of fishes in Orange Lake, Florida, with an evaluation of sampling methods. M.S. thesis, University of Florida. Gainesville, Fl.
- Durant, D.F. (1980) Fish distribution among habitats in hydrilla infested Orange Lake, Florida. M.S. thesis, University of Florida. Gainesville, Fl.
- Durant, D.F., J.V. Shireman, and W.T. Haller (1979) Fish populations as affected by vegetation types. In (ed): Proc. 32nd Annual Mtg. Southern Weed Sci. Soc.
- Garren, R.A. (1982) Macrophyte species composition - trophic state relationships in fourteen north and northcentral Florida lakes. M.S. thesis, University of Florida. Gainesville, Fl.
- Goin, C.J. (1943) The lower vertebrate fauna of the water hyacinth community in northern Florida. J. Fla. Acad. Sci. 6: 143-154.
- Langeland, K.A. (1982) Relationships among hydrosol, water chemistry, transparency, chlorophyll a, and submersed macrophyte biomass. Ph.D. dissertation, University of Florida. Gainesville, Fl.
- Mulholland, R. (1983) Feeding ecology of the common moorhen and purple gallinule on Orange Lake, Florida. M.S. thesis, University of Florida, Gainesville.
- Reid, G.K. (1950) The fishes of Orange Lake, Florida. Quart. J. Fla. Acad. Sci. 12 (3): 173-183.
- Reid, G.K. (1952) Some considerations and problems in the ecology of floating islands. Quart. J. Fla. Acad. Sci. 15.1: 63-66.
- Schramm, H.L., M.V. Hoyer, and K.J. Jirka (1983) Relative ecological value of common aquatic plants. Final report submitted to Florida Dept. of Natural Resources, Tallahassee, Florida.
- Shireman, J.V., D.E. Colle, and D.F. Durant (1981) Efficiency of rotenone sampling with large and small block nets in vegetated and open water habitats. Trans. Amer. Fish. Soc. 110 (1): 77-80.
- Shireman, J.V., W.T. Haller, D.E. Colle, C.E. Watkins, D.F. Durant, and D.E. Canfield (1983) The ecological impact of integrated chemical and biological aquatic weed control. Final report submitted to Environmental Research Laboratory, Gulf Breeze, Florida.

Reference category: Periphyton

- Carter, C.C. (1982) A technique for direct microscopic observation of periphyton assemblages on aquatic macrophytes. J. Aquat. Plant Manag. 20: 53-56.
- Schramm, H.L., M.V. Hoyer, and K.J. Jirka (1983) Relative ecological value of common aquatic plants. Final report submitted to Florida Dept. of Natural Resources, Tallahassee, Florida.

Reference category: Zooplankton

- Bays, J.S. (1983) Zooplankton - trophic state relationships and seasonality in Florida lakes. M.S. thesis, University of Florida. Gainesville.
- Beaver, J.R. (1980) The distribution of planktonic ciliated protozoans in 30 Florida lakes of varying trophic state. M.S. thesis, University of Florida. Gainesville, Fl.
- Beaver, J.R., and T.L. Crisman (1982) The trophic response of ciliated protozoans in fresh water lakes. *Limnol. Oceanogr.* 27: 246-253.
- Crisman, T.L. (1986) Algal control through trophic-level interactions: Investigations at Lakes Wauburg and Newnans, Florida. Final report to Florida Dept. of Natural Resources. Tallahassee, Fl.
- Nordlie, F.G. (1976) Plankton communities of three central Florida lakes. *Hydrobiologia* 48 (1): 65-78.
- Schramm, H.L., M.V. Hoyer, and K.J. Jirka (1983) Relative ecological value of common aquatic plants. Final report submitted to Florida Dept. of Natural Resources, Tallahassee, Florida.
- Shireman, J.V., W.T. Haller, D.E. Colle, C.E. Watkins, D.F. Durant, and D.E. Canfield (1983) The ecological impact of integrated chemical and biological aquatic weed control. Final report submitted to Environmental Research Laboratory, Gulf Breeze, Florida.
- Watkins, C.E., J.V. Shireman, and W.T. Haller (1983) The influence of aquatic vegetation upon zooplankton and benthic macro-invertebrates in Orange Lake, Florida. *J. Aquat. Plant Manag.* 21: 78-83.

Reference category: Benthos

- Crossman, R.A. (1956) The ecology of Chaoborus in Lake Newnan. Unpublished manuscript.
- Goin, C.J. (1943) The lower vertebrate fauna of the water hyacinth community in northern Florida. J. Fla. Acad. Sci. 6: 143-154.
- Schramm, H.L., M.V. Hoyer, and K.J. Jirka (1983) Relative ecological value of common aquatic plants. Final report submitted to Florida Dept. of Natural Resources, Tallahassee, Florida.
- Shireman, J.V., W.T. Haller, D.E. Colle, C.E. Watkins, D.F. Durant, and D.E. Canfield (1983) The ecological impact of integrated chemical and biological aquatic weed control. Final report submitted to Environmental Research Laboratory, Gulf Breeze, Florida.
- Watkins, C.E., J.V. Shireman, and W.T. Haller (1983) The influence of aquatic vegetation upon zooplankton and benthic macro-invertebrates in Orange Lake, Florida. J. Aquat. Plant Manag. 21: 78-83.

Reference category: Fish

- Allen, M. (1986) Orange Lake biological report. Supporting document for designation as an Outstanding Florida Water. Florida Game and Fresh Water Fish Commission. Tallahassee, Florida.
- Berry, F.H. (1955) Age, growth, and food of the gizzard shad, Dorosoma cepedianum (Lesueur), in Lake Newnan, Florida. M.S. thesis, University of Florida. Gainesville, Fl.
- Bruno, N.A. (1984) Nest site selection by and spawning season vegetation associations of largemouth bass in Orange Lake, Florida. M.S. thesis, University of Florida. Gainesville, Fl.
- Cole, W.W., and J.R. Greek (1967) Florida Game and Fresh Water Fish Commission progress report - northeast region - 1966. Lake City, Fl.
- Conrow, R. (1984) Habitat preferences and seasonal succession of early life stages of fishes in Orange Lake, Florida, with an evaluation of sampling methods. M.S. thesis, University of Florida. Gainesville, Fl.
- Durant, D.F. (1980) Fish distribution among habitats in hydrilla infested Orange Lake, Florida. M.S. thesis, University of Florida. Gainesville, Fl.
- Durant, D.F., J.V. Shireman, and W.T. Haller (1979) Fish populations as affected by vegetation types. In (ed): Proc. 32nd Annual Mtg. Southern Weed Sci. Soc.
- Fletcher, D.H., and T.L. Vaughn (1968) Florida Game and Fresh Water Fish Commission progress report - northeast region - 1967. Lake City, Fl.
- Haller, W.T., J.V. Shireman, and D.F. Durant (1980) Fish harvest resulting from mechanical control of hydrilla. Trans. Amer. Fish. Soc. 10 (5): 517-520.
- Kautz, R.S. (1980) Effects of eutrophication on the fish communities of Florida lakes. In (ed): Proc. Ann. Conf. S.E. Assoc. Fish & Wildl. Agencies 34. : pp. 67-80.
- Krummrich, J. (1986) 1985 Fish management report for the northeast Florida region. Florida Game and Fresh Water Fish Commission. Lake City, Fl.
- Krummrich, J. (1986) Hydrilla management in a large lake system - Orange Lake, a case study. In (ed): Annual Research Review Symposium: IFAS, University of Florida. Gainesville, Fl.
- Krummrich, J., D. Jones, G. Byerley, and J. Chamberlain (1979) 1978 Fish management report for the northeast Florida region. Florida Game and Fresh Water Fish Commission. Lake City, Fl.

Fish

- Krummrich, J., D. Jones, G. Byerley, and J. Chamberlain (1980) 1979 Fish management report for the northeast Florida region. Florida Game and Fresh Water Fish Commission. Lake City, Fl.
- Reid, G.K. (1950) The fishes of Orange Lake, Florida. Quart. J. Fla. Acad. Sci. 12 (3): 173-183.
- Schramm, H.L., M.V. Hoyer, and K.J. Jirka (1983) Relative ecological value of common aquatic plants. Final report submitted to Florida Dept. of Natural Resources, Tallahassee, Florida.
- Shireman, J.V., D.E. Colle, and D.F. Durant (1981) Efficiency of rotenone sampling with large and small block nets in vegetated and open water habitats. Trans. Amer. Fish. Soc. 110 (1): 77-80.
- Shireman, J.V., W.T. Haller, D.E. Colle, C.E. Watkins, D.F. Durant, and D.E. Canfield (1983) The ecological impact of integrated chemical and biological aquatic weed control. Final report submitted to Environmental Research Laboratory, Gulf Breeze, Florida.
- Simmons, R.W. (1985) Fauna of the Cross Creek study area. In (ed): Friends of Cross Creek - Cross Creek special study area. Hawthorne, Fl.
- Vaughn, T.L. (1972) 1972 Newnans Lake fish management report. Florida Game and Fresh Water Fish Commission. Lake City, Fl.
- Vaughn, T.L. (1975) 1974 Fish management report for the northeast Florida region. Florida Game and Fresh Water Fish Commission. Lake City, Fl.

Reference category: Game and non-game wildlife

- Allen, M. (1986) Orange Lake biological report. Supporting document for designation as an Outstanding Florida Water. Florida Game and Fresh Water Fish Commission. Tallahassee, Florida.
- Brady, J.R., and D.S. Maehr (1985) Distribution of black bears in Florida. Florida Field Naturalist 13 (1): 1-7.
- Brown, K. (1987) Aquatic plants and cranes. Aquaphyte 7 (1): 1-4.
- Collopy, M.W. (1984) Parental care, productivity, and predator-prey relationships of ospreys in 3 north Florida lakes: Preliminary report. In M.A. Westall (ed): Proc. Southeast. U.S. and Caribbean Osprey Symp.
- Collopy, M.W., and P. Bohall-Wood (1986) Reintroduction of southern bald eagles: Recycling as a management technique. Final report; Department of Wildlife and Range Sciences, University of Florida, Gainesville.
- Deitz, D.C., and T.C. Hines (1980) Alligator nesting in north-central Florida. Copeia 2: 249-258.
- Delany, M.F., and C.L. Abercrombie (1986) American alligator food habits in northcentral Florida. J. Wildlife Manag. 50 (2): 348-353.
- FCC (1983) Friends of Cross Creek, Inc. - A proposal for Lochloosa State Forest, part II. Hawthorne, Fl.
- FCC (1985) Friends of Cross Creek, Inc. - Cross Creek special area study. Hawthorne, Fl.
- Goodwin, T.M., and W.R. Marion (1979) Seasonal activity ranges and habitat preferences of adult alligators in a north-central Florida lake. J. Herpetology 13 (2): 157-164.
- Hamann, R.G., and M.T. Brown (1987) Prairie Creek C.A.R.L. project proposal. Alachua County Conservation and Recreation Task Force.
- Jeske, C.W., and H.F. Percival (1987) Time and energy budgets of wintering ring-necked ducks in Florida. J. Wildl. Manage. (in press)
- Kadlec, J.A. (1962) Effects of a drawdown on a waterfowl impoundment. Ecology 43: 267-281.
- Kahl, M.P. (1964) The food ecology of the wood stork. Ecol. Monogr. 34: 97-117.
- Maehr, D.S., and J.R. Brady (1984) Comparison of food habits in two north Florida black bear populations. Florida Sci. 47 (3): 171-175.

Game and non-game wildlife

- Mulholland, R. (1983) Feeding ecology of the common moorhen and purple gallinule on Orange Lake, Florida. M.S. thesis, University of Florida, Gainesville.
- Mulholland, R., and H.F. Percival (1982) Food habits of the common moorhen and purple gallinule in north central Florida. In (ed): Proc. Annual Conf. Southeast. Assoc. Fish Wildlife Agencies. : pp. 527-536.
- Nesbitt, S.A. (1973) Wood stork nesting in north Florida. Florida Field Naturalist 1: 4-5.
- Nesbitt, S.A. (1977) Recent changes in winter crane use of Paynes Prairie. Florida Field Naturalist 5 (1): 16-17.
- Nesbitt, S.A., R.R. Roth, and W.B. Robertson (1975) The status of the bald eagle in Florida 1972-1975. In (ed): Proc. 29th Annual Conf. Southeast. Assoc. Game Fish Comm.
- Ogden, J.C. (1971) The nesting season: Florida region. American Birds 25 (5): 846-851.
- Ogden, J.C., H.W. Kale, and S.A. Nesbitt (1980) The influence of annual variation in rainfall and water levels on nesting by Florida populations of wading birds. Trans. Linnaean Soc. New York IX: 115-126.
- Pearson, T.G. (1941) Orange Lake - An inspiration. Florida Naturalist XV (1): 1-6.
- Simmons, R.W. (1985) Fauna of the Cross Creek study area. In (ed): Friends of Cross Creek - Cross Creek special study area. Hawthorne, Fl.
- Wood, J.M., A.R. Woodward, S.R. Humphrey, and T.C. Hines (1985) Night counts as an index of american alligator population trends. Wildl. Soc. Bull. 13: 262-273.
- Woodward, A., T. Hines, C. Abercrombie, and C. Hope (1984) Spacing patterns in alligator nests. J. of Herpetology 18 (1): 8-12.
- Woodward, A.R. (1985) Experimental alligator harvest. In (ed): Florida Game and Fresh Water Fish Commission - Alligator Research Project, annual report FY 1984-1985. Gainesville (Draft).

Reference category: Aquatic plant control

- Bagnall, L.O., K.E. Dixon, and J.F. Hentges (1978) Hydrilla silage production, composition and acceptability. J. Aquat. Plant Manage. 16: 27-31.
- Bagnall, L.O., R.L. Shirley, and J.F. Hentges (1973) Processing, chemical composition, and nutritive value of aquatic weeds. Florida Water Resources Research Center, publ. #25. Gainesville, Fl.
- Bowes, G., A.S. Holaday, and W.T. Haller (1979) Seasonal variation in the biomass, tuber density, and photosynthetic metabolism of hydrilla in three Florida lakes. J. Aquat. Plant Manag. 17: 61-65.
- Bowes, G., T.K. Van, L.A. Garrard, and W.T. Haller (1977) Adaptation to low light levels by hydrilla. J. Aquat. Plant Manag. 15: 32-35.
- Buckingham, G.R. (1986) Hydrilla # 1 weed. In (ed): Research 87, biocontrol. IFAS, University of Florida. Gainesville, Fl.: pp. 22-25.
- Cooley, T.N., P.M. Dooris, and D.F. Martin (1980) Aeration as a tool to improve water quality and reduce the growth of hydrilla. Water res. 14 (5): 485-489.
- Crider, D. (1972) Newnans Lake, its history, current environmental problems, and their solution. Unpublished manuscript.
- Ewel, K.C., and T.D. Fontaine (1981) Large-scale operations management test of use of the white amur for control of problem aquatic plants, report 2: First year post-stocking results. University of Florida, Gainesville.
- Haller, W.T. (1971) Herbicide evaluation and phosphorus uptake in two species of aquatic plants. M.S. thesis, University of Florida. Gainesville, Fl.
- Haller, W.T. (1976) Hydrilla, a new and rapidly spreading aquatic weed problem. Circular S-245, IFAS, University of Florida.
- Haller, W.T. (1976) Management of hydrilla in Orange Lake. In (ed): 1976 Fish management report for the northeast Florida region - Florida Game and Fresh Water Fish Commission. Lake City, Fl.
- Haller, W.T. (1979) Aquatic weeds in Florida. In (ed): Proc. of the Grass Carp Conf. Gainesville, Fl. : pp. 1-8.
- Haller, W.T., and J. Joyce (1978) Environmental aspects of mechanical harvesting of hydrilla in a large Florida lake. In (ed): Proc. 31st Annual Mtg. Southern Weed Sci. Soc.
- Haller, W.T., J.V. Shireman, and D.F. Durant (1980) Fish harvest resulting from mechanical control of hydrilla. Trans. Amer. Fish. Soc. 10 (5): 517-520.

Aquatic plant control

- Hinkle, J. (1976) Orange and Lochloosa lakes: Program for hydrilla control and management. In (ed): 1976 Fish management report for the northeast Florida region. Florida Game and Fresh Water Fish Commission. Lake City, Fl.
- Holaday, A.S., M.E. Salvucci, and G. Bowes (1983) Variable photosynthesis photorespiration ratios in Hydrilla verticillata and other submersed aquatic macrophyte species. Can. J. Bot. 61 (1): 229-236.
- Joyce, J.C. (1985) Benefits of maintenance control of waterhyacinth. Aquatics 7 (4): 11-13.
- Krummrich, J. (1986) Hydrilla management in a large lake system - Orange Lake, a case study. In (ed): Annual Research Review Symposium. IFAS, University of Florida. Gainesville, Fl.
- McGehee, J.T. (1979) Mechanical hydrilla control in Orange Lake, Florida. J. Aquat. Plant Manag. 17: 58-61.
- Perrier, E.R., and A.C. Gibson (1982) Simulation for harvesting of aquatic plants. Technical Report A-82-1; Final Report.
- Richardson, L.V. (1975) Water level manipulation: A tool for aquatic weed control. Hyacinth Contr. J. 13: 8-11.
- Sutton, D.L., and K.H. Portier (1983) Variation of nitrogen, phosphorus, and potassium contents of hydrilla in south Florida. J. Aquat. Plant Manag. 21: 87-92.
- Sutton, D.L., V.V. Vandiver, R.S. Hestand, and W.W. Miley (1979) Use of the grass carp for control of hydrilla in small ponds. In (ed): Proc. Grass Carp Conf., 1978, Gainesville, Florida. : pp. 91-103.
- Sutton, D.L., V.V. Vandiver, and J.V. Shireman (1986) The weedeater. In (ed): Research 87 - biocontrol. IFAS, University of Florida. : pp. 26-27.
- Van, T.K., W.T. Haller, and G. Bowes (1976) Comparison of the photosynthetic characteristics of three submersed aquatic plants. Plant Physiol. 58: 761-768.

Reference category: Economic considerations

Allen, M. (1986) Orange Lake biological report. Supporting document for designation as an Outstanding Florida Water. Florida Game and Fresh Water Fish Commission. Tallahassee, Florida.

Milon, J.W., J. Yingling, and J.E. Reynolds (1986) Economic analysis of the benefits of aquatic weed control in northcentral Florida. IFAS, University of Florida. (in press).

Reference category: "Outstanding Florida Water" designation

Allen, M. (1986) Orange Lake biological report. Supporting document for designation as an Outstanding Florida Water. Florida Game and Fresh Water Fish Commission. Tallahassee, Florida.

FDER (1987) Florida Department of Environmental Regulation - Proposed designation of Orange Lake, the River Styx, and Cross Creek as Outstanding Florida Waters. Report to the Environmental Regulation Commission.

FDER (1987) Florida Department of Environmental Regulation - Proposed designation of Lochloosa Lake as Outstanding Florida Waters. Report to the Environmental Regulation Commission.

Reference category: Nutrient loading, trophic state
(with applications to Orange Creek Basin)

- Baker, L.A., P.L. Brezonik, and C.R. Kratzer (1981) Nutrient loading - trophic state relationships in Florida lakes. Florida Water Resources Research Center, publ. # 56, University of Florida, Gainesville.
- Binford, M.W., and M. Brenner (1986) Dilution of ²¹⁰Pb by organic sedimentation in lakes of different trophic states, and application to studies of sediment-water interactions. *Limnol. Oceanogr.* 31 (3): 584-595.
- Cooke, G.D., E.B. Welch, S.A. Peterson, and P.R. Newroth (1986) Lake and reservoir restoration. Boston, MA: Butterworth Publ.
- Dillon, P.J., and F.H. Rigler (1974) A test of a simple nutrient budget model predicting the phosphorus concentration in lake water. *J. Fish. Res. Board Can.* 31: 1771-1778.
- Huber, W.C., P.L. Brezonik, J.P. Heaney, R.E. Dickinson, S.D. Preston, D.S. Dwornik, and M.A. Demaio (1982) A classification of Florida lakes. Department of Environmental Engineering Sciences, University of Florida. Gainesville, Fl.
- Pollman, C.D. (1983) Internal loading in shallow lakes. Ph.D. dissertation, University of Florida. Gainesville, Fl.
- Reckhow, K.H., M.N. Beaulac, and J.T. Simpson (1980) Modeling phosphorus loading and lake response under uncertainty: A manual and compilation of export coefficients. Dept. Resource Development, Michigan State University, East Lansing, MI.
- Reddy, K.R. (1983) Soluble phosphorus release from organic soils. *Agriculture, ecosystems, and environment* 9 (3): 373-382.
- Shahane, A.M. (1982) Estimation of pre- and post development nonpoint water quality loadings. *Water Resources Bull.* 18 (2): 231-237.
- Vollenweider, R.A. (1975) Input-output models with special reference to the phosphorus loading concept in limnology. *Schweiz. Z. Hydrol.* 37: 53-84.
- Vollenweider, R.A. (1976) Advances in defining critical loading levels for phosphorus in lake eutrophication. *Mem. Ist. Ital. Idrobiol.* 33: 53-83.

Reference category: Lake management, water level fluctuations
(with applications to Orange Creek Basin)

- Cooke, G.D., E.B. Welch, S.A. Peterson, and P.R. Newroth (1986) Lake and reservoir restoration. Boston, MA: Butterworth Publ.
- Fox, J.L., P.L. Brezonik, and M.A. Keirn (1977) Lake drawdown as a method of improving water quality. EPA - 600/3-77-005. :
- Gottgens, J.F. (1986) Orange Lake, Florida: Minimodels for evaluating the impact of lake level stabilization on plant biomass and the long-term effectiveness of three commonly used biomass reduction methods. University of Florida, Gainesville.
- Harris, S.W., and W.H. Marshall (1963) Ecology of water level manipulations on a northern marsh. Ecology 44: 331-343.
- Kadlec, J.A. (1962) Effects of a drawdown on a waterfowl impoundment. Ecology 43: 267-281.
- Lantz, K.E., J.T. Davis, J.S. Hughes, and H.E. Schafer (1964) Water level fluctuation - Its effects on vegetation control and fish population management. In (ed): Proc. Southeast. Assoc. Game Fish Comm. 18. : pp. 483-494.
- Richardson, L.V. (1975) Water level manipulation: A tool for aquatic weed control. Hyacinth Contr. J. 13: 8-11.
- Wegener, W., and V. Williams (1974) Fish population responses to improved lake habitat utilizing an extreme drawdown. In (ed): Proc. Southeast. Assoc. Game Fish Comm. 28. : pp. 144-161.