

# Appendix K: Bibliography



## Appendix K: Bibliography

- Anderson, R.V., J. W. Grubaugh, and D. B. Markillie. 1991. Summary of water quality characteristics at selected habitat sites - navigation pool 26 of the Upper Mississippi River July 17 through October 31, 1988. Long Term Resource Monitoring Program, Environmental Management Technical Center, Onalaska, Wisconsin. Report No. 91-01. 48 pp.
- Auble, G. T., D. B. Hamilton, and J. E. Roelle. 1984. Refuge management analyses: Levee alternatives at Clarence Cannon National Wildlife Refuge. USFWS Western Energy Land Use Team, Ft. Collins, CO. W/AEAG-84/W06. 40 pp.
- Baldassarre, G. A., Bolden, E. G. 1994. Waterfowl Ecology and Management. John Wiley & Sons, Inc.
- Bayley, Peter B. 1995. Understanding Large River-Floodplain Ecosystems. *Bioscience* 45:3. pp. 153-158.
- Belrose, F. C., F. L. Pavaglio, Jr. and D. W. Steffek. 1979. Waterfowl and the changing environment of the Illinois River Valley. *Illinois Natural History Survey, Bull.* 32:1-54.
- Bhowmik, N. G. 1989. Resuspension and lateral movement of sediment due to commercial navigation in the Mississippi River System. Pages 953-959 in *Proceedings, Fourth International Symposium on River Sedimentation*, Beijing, China, June 5-9, 1989. Reprinted by the National Biological Survey, Environmental Management Technical Center, Onalaska, Wisconsin, March 1994. LTRMP 94-R003.
- Bhowmik, N. G. 1991. Commercial navigation in large rivers and the development of appropriate management alternatives. Pages 93-103 in F.H.M. van de Ven, D. Gutknecht, D. P. Loucks, and K. A. Salewicz, editors. *Proceedings, Hydrology for the Water Management of Large Rivers*, August 11-24, 1991, Vienna. IAHS Publication No. 201.
- Bhowmik, N. G. and G. R. Clark. 1993. Sedimentation and in-stream sediment management. Pages 47-61 in *Proceedings, 1993 Governor's Conference on the Management of the Illinois River System, Fourth Biennial Conference*, Peoria, Illinois, September 21-22, 1993. Reprinted by the National Biological Survey, Environmental Management Technical Center, Onalaska, Wisconsin, July 1994. LTRMP 94-R009. 15 pp.
- Bhowmik, N. G., J. R. Adams. 1989. Successional changes in habitat caused by sedimentation in navigation pools. *Hydrobiologia* 176/177:17-27.
- Bhowmik, N.G., J.R. Adams, and R.E. Sparks. 1986. Fate of navigation pool on Mississippi River. *Journal of Hydraulic Engineering* 112(10): 967-970. ISSN 0733-9429/86/0010-0967. Paper No. 20939.
- Black, R., B. McKenney, A. O'Connor, E. Gray, and R. Unsworth. 1999. "Economic profile of the Upper Mississippi River Region." Prepared for the United States Fish and Wildlife Service by Industrial Economics, Inc., Cambridge, MA. 84 pp. + Appendices.
- Brown, M.D. 1988. Soil survey of Louisa County, Iowa. U.S. Department of Agriculture. Soil Conservation Service, in cooperation with the Iowa Agriculture and Home Economics Exp. Stn., the Cooperative Extension Service, Iowa State University, and the Department of Soil Conservation, State of Iowa. 255 pp.
- Carlander, H.B. 1954. *History of Fish and Fishing in the Upper Mississippi River*, Upper Mississippi River Conservation Committee. Rock Island, Illinois.

- Carlson, B.D., D.B. Propst, D.J. Stynes, and R.S. Jackson. 1995. "Economic impact of recreation on the Upper Mississippi River System." Technical Report EL-95-16. U.S. Army Corps of Engineers, Waterways Experiment Station, Vicksburg, MS.
- Carlson, B.D., S.M. Bartell and K.R. Campbell. 1999 DRAFT. Upper Mississippi River-Illinois Waterway System navigation study: Effects of recreational boating: Recreational traffic forecasting and allocation models. U.S. Army Corps of Engineers
- Corps of Engineers, Rock Island District forestry web site [www.mvr.usace.army.mil/forestry](http://www.mvr.usace.army.mil/forestry)
- Clark County Soil and Water Conservation District. 1990. Soil resource inventory of Clark County, Missouri. Cooperating with U.S. Dep. Agriculture., Soil Conservation. Service, Missouri Department of Natural Resources, and Missouri Agriculture Exp. Stn.123 pp.
- Coffey, M. 1995. 1992 Sediment Quality Report for Mark Twain National Wildlife Refuge, Illinois, Iowa and Missouri. U.S. Fish and Wildlife Service, Division of Environmental Contaminants, Rock Island Field Office, Rock Island, IL, Internal Report. Project No. 3NO3.
- Coffey, M. 1998. Upper Mississippi River Floodplain Water Quality Keithsburg Division, Illinois, Mark Twain National Wildlife Refuge. U.S. Fish and Wildlife Service, Division of Environmental Contaminants, Rock Island Field Office, Rock Island, IL, Internal Report. Project No. 3NO3.
- Cosgriff, R.J., J.C. Nelson, Y. Yin . 1999. Forest Response to High Duration and Intensity Flooding along Pool 26 of the Upper Mississippi River. LTRMP Project Status Report 99-01.
- Crocoll, S.T. 1994. Red-shouldered Hawk (*Buteo lineatus*). In *The Birds of North America*, No. 107 (A. Poole and F. Gill, eds.). The Birds of North America, Inc., Philadelphia, PA.
- Delaney, R.L., K. Lubinski, and C. Theiling. 1998. Ecological Status and Trends of the Upper Mississippi River System 1998. Long Term Monitoring Program, U.S. Geological. Survey.
- Drazkowski, B., and R. Vose. Mississippi River Stewardship Initiative. Resource Studies Center, St. Mary's University, MN.
- Eckblad, J.W. 1991. Status of Macroinvertebrate Populations of the Upper Mississippi River. Long Term Resource Monitoring Program Observational Bulletin No. 1., U.S. Fish and Wildlife Service Environmental Management Technical Center, Onalaska, Wisconsin. 7 pp. + Appendix.
- Eldridge, Jan. 1992. Management of Habitat for Breeding and Migrating Shorebirds in the Midwest. Fish and Wildlife Leaflet 13.2.14 USFWS, Ft. Collins, Colorado.
- Ellis, D. M., B. Treiterer, C. A. Watts. 1993 Flood Response Strategy and Analysis for Clarence Cannon National Wildlife Refuge. (unpublished report - Refuge files).
- Evans, D. E. and R. A. Fischer. 1997. Species profile: Cerulean Warbler (*Dendroica cerulea*) on Military Installations in the Southeastern United States. Technical Report SERDP-97-12. U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS.
- Fehrenbacher, J. B. and C. E. Downey. 1966. Soil Survey: Jersey County, Illinois. University of Illinois Agricultural Experiment Station Soil Report 84.
- Fitzgerald, J.A., and D.N. Pashley. 2000. Partners in Flight Bird Conservation Plan for The Dissected Till Plains (Physiographic Area 31). American Bird Conservancy. <http://www.PartnersInFlight.org>

- Fitzgerald, J. A., J. R. Herkert, and J. D. Brawn. 2000. Partners in Flight Bird Conservation Plan for the Prairie Peninsula (Physiographic Area 32). American Bird Conservancy. <http://www.PartnersInFlight.org>
- Fredrickson L., M. Heitmeyer, P. Covington, B. Ederington, C. Barth, C. Shaiffer, and J. Joiner. 2000. Reed Canary Grass *Phalaris arundinacea*. In Continuing Education Newsletter, Gaylord Memorial Laboratory, Puxico, MO
- Fredrickson, L., and T. Taylor. 1982. Management of Seasonally Flooded Impoundments for Wildlife. U. S. Dep. Int., Fish and Wildl. Serv. Resour. Publ. 148. 29 pp.
- Galatowitsch, S.M. and T.V. McAdams. 1994. Distribution and Requirements of Plants on the Upper Mississippi River. Literature Review. Iowa Cooperative Fish and Wildlife Research Unit.
- Gaugush, R.F., and D.B. Wilcox. 1994. Planning Document: Investigate sediment transport/deposition and predict future configuration of UMRS channels and floodplain. National Biological Survey, Environmental Management Technical Center, Onalaska, Wisconsin, December 1994. LTRMP 94-P004. 9 pp. + Appendixes A-E.
- Havera, Stephen P. 1999. Waterfowl of Illinois: Status and Management. Illinois Natural History Survey Special Publication 21.
- Heidinger, R.C., B.M. Burr, and R.J. Sheehan. 1998. Water Level Manipulation/Vegetation Project Mississippi Pools 24, 25 and 26.
- Henderson, W.C., Memorandum for Hearing to be held with the Army Engineers at Wabasha, Minn., on February 26, 1931, Bureau of Biological Survey, Department of Agriculture; Report by Captain Culler at hearing with Army Engineers at Wabasha, Minn., Feb. 26, 1931.
- Herkert, J. R., D. W. Sample, and R. E. Warner. 1996. Management of Midwestern Grassland Landscapes for the Conservation of Migratory Birds. pp 89-116. In Management of Midwestern Lanscapes for the Conservation of Neotropical Migratory Birds. E. Thompson, III, ed. U.S. Forest Service General Technical Report NC-187.
- Herkert, James R., R. E. Szafoni, V. M. Kleen, and J. E. Schwegman. 1993. Habitat Establishment, Enhancement, and Management for Forest and Grassland Birds in Illinois. Division of Natural Heritage, Illinois Department of Conservation, Natural Heritage Technical Publication #1, Springfield, Illinois. Northern Prairie Wildlife Research Center Home Page. <http://www.npwrc.usgs.gov/resource/othrdata/manbook/manbook.htm>  
(Version 16JUL97).
- Herman, R. J., C. C. Miles, L. A. Dungan, B. E. Currie, and P. W. Ice. 1979. Soil survey of Jackson County, Illinois. U.S. Department of Agriculture, Soil Conservation Service and Forest Service, in cooperation with Illinois Agri. Exp. Stn. 192 pp.
- Hodges, J.D. Development and Ecology of Bottomland Hardwood Sites. *Forest Ecology and Management* 90(1997) 117-125.
- Hughes, J.M. 1999. Yellow-billed Cuckoo (*Coccyzus americanus*). In *The Birds of North America*, No. 418 (A. Poole and F. Gill, eds.) *The Birds of North America*, Inc., Philadelphia, PA.
- Hurley, K.L. 1999. Habitat Use, Selection, and Movements of Middle Mississippi River Pallid Sturgeon and Validity of Pallid Sturgeon Age Estimates from Pectoral Fin Rays. Masters Thesis. 82pp.

- Janacek, J.A. 1988. Literature review on fish interactions with aquatic macrophytes with special reference to the Upper Mississippi River System. Upper Mississippi River Conservation Committee, Rock Island, Illinois. 57 pp.
- Johnson, S. 1994. Recreational Boating Impact Investigations - Upper Mississippi River System, Pool 4, Red Wing, Minnesota. Report by the Minnesota Department of Natural Resources, Lake City, Minnesota, for the National Biological Survey, Environmental Management Technical Center, Onalaska, Wisconsin, February 1994. EMTC 94-S004. 48 pp. + Appendixes (2 pp.)
- Kirby, D., and S. A. Gritters. 1997. Macroinvertebrate Monitoring on Pool 13, Upper Mississippi River (UMR). Pages 99-117 in Fisheries Management Investigations 1997 Annual Report. Reprinted by U.S. Geological Survey, Environmental Management Technical Center, Onalaska, Wisconsin, November 1998. LTRMP 98-R017. 19 pp.
- Kirsch, E.M. and J.G. Sidle. 1999. Status of the interior population of least tern. *Journal of Wildlife Management*. 63:470-483.
- Knutson, M.G., J.P. Hoover, and E.E. Klaas. 1996. The Importance of Floodplain Forests in the Conservation and Management of Neotropical Migratory Birds in the Midwest. pp 168-188. In *Management of Midwestern Landscapes for the Conservation of Neotropical Migratory Birds*. E. Thompson, III, ed. U.S. Forest Service General Technical Report NC-187.
- Knutson, M.G., and E.E. Klaas. 1998. Floodplain forest loss and changes in forest community composition and structure on the Upper Mississippi River: a wildlife habitat at risk. *Natural Areas Journal* 18:138-150.
- Korschgen, C. E. 1990. Feasibility Study - Impacts of Turbidity on Growth and Production of Submersed Plants. U.S. Fish and Wildlife Service. Report No. 90-07. 11 pp.
- Korschgen, C. E., K. P. Kenow, Y. Yin, C. O. Kochanny, and L. Hill. 1995. Monitoring Plan for Floodplain Forests and Sedimentation on the Clarence Cannon and Keithsburg Units of the Mark Twain National Wildlife Refuge. National Biological Service, LaCrosse, Wisconsin. 4 pp. + Appendixes 1-7.
- Kullen, D. 1994. Phase 1 Archaeological at selected areas in the Gilbert Lake Division of the Mark Twain National Wildlife Refuge, Jersey County, Illinois. Publisher?32pp.
- Laughland, A. and J. Caudill. 1997. Banking on Nature: The Economic Benefits to Local Communities of National Wildlife Refuge Visitation. Division of Economics, United States Fish and Wildlife Service, Department of Interior. Washington, D.C.
- Lilly, M .E. 1989. Soil Survey of Calhoun County, Illinois. U.S. Department of Agriculture, Soil Conservation Service in Cooperation with the Illinois Agriculture Exp. Stn. 113 pp.
- Locke, L. N., and M. Friend. 1987. Pages 83-93 in M. Friend, editor. *Field Guide to Wildlife Diseases*. U.S. Department of the Interior, Fish and Wildlife Service Resour. Publ. 167.
- Love, C. L. 1997. Soil Survey of Pike County, Missouri. U.S. Department Agriculture Natural Resource Conserv. Serv., in Cooperation with the Missouri Agriculture Exp. Stn. 155 pp.
- Lubinski, K. and C. Theiling, eds. *Ecological Status and Trends of the Upper Mississippi River System 1998: A Report of the Long Term Resource Monitoring Program*. U.S. Geological Survey, Upper Midwest Environmental Sciences Center, LaCrosse, Wisconsin. April 1999. LTRMP 99-T001. 236 pp.
- Lubinski, K., R. Gaugush, S. Gutreuter, T. Owens, S. Rogers, P. Thiel, and J. Wlosinski. 1992. Current ecological conditions. Pages 50-63 in *Proceedings of the Forty-Eighth Annual Meeting of the Upper*

- Mississippi River Conservation Committee, Red Wing, Minnesota, March 10-12, 1992. Reprint by U.S. Fish and Wildlife Service, Environmental Management Technical Center, Onalaska, Wisconsin, October 1993. EMTC 93-R021. 13 pp.
- Lubinski, K. S., G. Carmody, D. Wilcox, and B. Drazkowski. 1991. Development of Water Level Regulation Strategies for Fish and Wildlife, Upper Mississippi River System. *Regulated Rivers: Research and Management* 6:117-124.
- Mitchell, W.A. 1998. Species Profile: Least tern (*Sterna antillarum*), interior population, on military installations in the southeastern United States. Technical Report SERDP-98-1, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS.
- Moore, F.R., S.A. Gauthreaux Jr., P. Kerlinger, and T.R. Simons. 1992. Stopover Habitat: Management Implications and Guidelines. Pp 58-69. In *Status and Management of Neotropical Migratory Birds*. D.M. Finch and P.W. Stangel, ed. U.S. Forest Service General Technical Report RM-229.
- Morgan, S. 1980. Status Report on Boltoina Asterides Var. Decurrens in Illinois. Report to the U.S. Fish & Wildlife Service by the Missouri Department of Conservation, Jefferson City. 11 p.
- Mueller, L. 1993. Freshwater Mussels Threatened with Extinction. Minnesota Department of Agriculture, 1993.
- Natural Resources Conservation Service. 1997. Soil survey of Pike County, Missouri.
- Nelson, J.C., and R.E. Sparks. 1998. Forest Compositional Change at the Confluence of the Illinois and Mississippi Rivers. LTRMP Reprint 98-R011.
- Nelson, R.C., Duyvejonck, J., Walters, L., Clevenstine R., Bade, G., Millar, J., Coffey, M. 2000. Draft report on System Feasibility Study for the Upper Mississippi and Illinois Waterways, U.S. Fish and Wildlife Service, May 2000.
- Pflieger, W. 1997. The Fishes of Missouri. Missouri Department of Conservation. Jefferson City, MO.
- Ponnamperuma, F. N. 1972. The Chemistry of Submerged Soils. *Adv. Agron.* 24:29-95.
- River Crossings. 1999. Bighead Carp Concerns. Mississippi Interstate Cooperative Resource Association, P.O. Box 774, Bettendorf, IA, 52722-0774. Vol. 8., No. 5., pp. 6-7.
- Rasmussen, Jerry L., 1999. Fisheries and Aquatic Resource Management Issues and Strategies for the Mark Twain National Wildlife Refuge. USFWS unpublished report.
- Reid, F.A., J.R. Kelley, Jr., T.S. Taylor and L.H. Frederickson. 1989. Upper Mississippi Valley Wetlands - refuges and moist soil impoundments. Pp 181-202 in R. Kaminski, R. Pederson and L. Smith, editors. *Habitat management for migrating and wintering waterfowl in North America*. Texas Technical University Press, Lubbock.
- Robinson, S.R., F.R. Thompson III, T.M. Donovan, D.R. Whitehead, and J. Faaborg. 1995. Regional forest fragmentation and the success of migratory birds. *Science* 267:1987-1990.
- Rosenberg, K. V., R. W. Rohrbaugh, Jr. S. E. Barker, J. D. Lowe, R. S. Hames, and A. A. Dhondt. 1999. A Land Manager's Guide to Improving Habitat for Scarlet Tanagers and Other Forest-interior Birds. The Cornell Lab of Ornithology.

- Sauer, J. 1999. Mayflies (Ephemeroptera) and Fingernail Clams (Sphaeriidae) at Selected Sites in the Upper Mississippi River System. U.S. Geological Survey, Upper Midwest Environmental Sciences Center, LaCrosse, Wisconsin, February 1999. LTRMP 99-P001. 10 pp. + Appendix.
- Schwegman, J. 1995. A Delicate Balance: The Decurrent False Aster. Illinois Steward 3-5.
- Schwegman, J. E. and R. W. Nyboer. 1985. The Taxonomic and Population Status of *Boltonia Decurrens* (Torr. and Gray) Wood. *Castanea* 50: 112-115.
- Sharing the Challenge: Floodplain Management into the 21st Century. Report of the Interagency Floodplain Management Review Committee to the Administration Floodplain Management Task Force. (Galloway Reports) June 1994.
- Sheehan, R.J., R.C. Heidinger, K.L. Hurley, P.S. Wills, and M.A. Schmidt. 1998. Middle Mississippi River Pallid Sturgeon Habitat Use Project. Year 3 Annual Progress Report. 85pp.
- Smith, J.W., and R.B. Renken. 1991. Least tern nesting habitat in the Mississippi River valley adjacent to Missouri. *J. Field Ornithol.* 62:497-504.
- Smith, M. 1990. Basic Life History Characteristics of *Boltonia Decurrens* (Decurrent False Aster). Report to the U.S. Army Corps of Engineers. St. Louis, MO, USA.
- Smith, M. 1991. Life History Research for Decurrent False Aster. Illinois Department of Conservation Contract Report, Springfield. 26 pp.
- Smith, M. and T. Keevin, P. Mettler-McClure, and R. Barkau. 1998. Effect of the Flood of 1993 on *Boltonia Decurrens*, a Rare Floodplain Plant. *Regul. Rivers: Res. Mgmt.* 14: 191-202.
- Smith, M. and T. M. Keevin. 1998. Achene Morphology, Production, and Germination, and Potential for Water Dispersal in *Boltonia Decurrens* (Decurrent false aster), a Threatened Floodplain Species. *Rhodora* 100: 69-81.
- Soil Conservation Service. Soil surveys of Louisa County, Iowa, (1988); Mercer County, (1991), Adams County (1979), Pike County (1991), Calhoun County (1989), Jersey County (1966), Greene County (1974), Jackson County (1979), and St. Charles County, Illinois (1982), Clark County (1990), Jefferson County, Missouri (1990), and Monroe County, Missouri (1987).
- Sparks, R. E., J. C. Nelson, Y. Yin. 1998. Naturalization of the Flood Regime in Regulated Rivers. *Bioscience* 48:9 pp. 706-720.
- Soballe, D. and J. Wiener. 1999. Ecological Status and Trends of the Upper Mississippi River System 1998: A Report of the Long Term Resource Monitoring Program. Chapter 7. U.S. Geological Survey, Upper Midwest Environmental Sciences Center, LaCrosse, Wisconsin. April 1999. LTRMP 99-T001. 236 pp.
- Stoeckel, J. A., and P. M. Charlebois. 1999. *Daphnia Lumholtzi*: The Next Great Lakes Exotic? Fact Sheet, Illinois-Indiana Sea Grant College Program.
- Stoecker, M. A., M. Smith, and E. D. Melton. 1995. Survival and Aerenchyma Development under Flooded Conditions of *Boltonia Decurrens*, a Threatened Floodplain Species and *Conyza Canadensis*, a Widely Distributed Competitor. *Amer. Midl. Naturalist* 134: 117-126.
- de Szalay, F., D. Helmers, D. Humburg, S.J. Lewis, B. Pardo, and M. Shieldcastle. 2000. Upper Mississippi Valley/Great Lakes Regional Shorebird Conservation Plan. Version 1.0.



- Theiling, C.H., C. Korschgen, H. De Haan, T. Fox, J. Rohweder, and L. Robinson. 2000. Habitat Needs Assessment for the Upper Mississippi River System: Technical Report. U.S. Geological Survey, Upper Midwest Environmental Science Center, LaCrosse, Wisconsin. Contract report prepared for U.S. Army Corps of Engineers, St. Louis District, St. Louis, Missouri. 248 pp. + Appendices A to AA.
- Theiling, C.H., R. Maher, and R. Sparks. 1996. Effects of Variable Annual Hydrology on a River Regulated for Navigation: Pool 26, Upper Mississippi River System. *Journal of Freshwater Ecology* 11(1):101-114. Reprinted by the U.S. Geological Survey, Environmental Management Technical Center, Onalaska, Wisconsin, July 1997. LTRMP 97-R010. 14 pp.
- Theiling C. 1999. Ecological Status and Trends of the Upper Mississippi River System 1998: A Report of the Long Term Resource Monitoring Program. Chapter 3. U.S. Geological Survey, Upper Midwest Environmental Sciences Center, LaCrosse, Wisconsin. April 1999. LTRMP 99-T001. 236 pp.
- Torrey, J. and A. Gray. 1840. *The Flora of North America*. Wiley and Putnam, New York, New York p. 188.
- Tucker, J.K., C. H. Theiling, F. J. Janzen, and G.L. Paukstis. 1997. Sensitivity to Aerial Exposure: Potential of System-wide Drawdowns to Manage Zebra Mussels in the Mississippi River. *Regulated Rivers: Research and Management* 13: 479-487. Reprinted by U.S. Geological Survey, Environmental Management Technical Center, Onalaska, Wisconsin, May, 1998. LTRMP 98-R009. pp 9.
- Tucker, J. K., F. A. Cronin, D. W. Soergel, and C. H. Theiling. 1996. Predation on Zebra Mussels (*Dreissena polymorpha*) by Common Carp (*Cyprinus carpio*). *Journal of Freshwater Ecology* 11(3): 363-372. Reprinted by U.S. Geological Survey, Environmental Management Technical Center, Onalaska, Wisconsin, September 1997. LTRMP 97-R020. 10 pp.
- U.S. Fish and Wildlife Service. 1999. Agency Draft Indiana Bat (*Myotis sodalis*) Revised Recovery Plan. Fort Snelling, Minnesota. 53pp.
- U.S. Fish and Wildlife Service. 1990. Decurrent False Aster Recovery Plan. U.S. Fish and Wildlife Service, Twin Cities, MN. 26 pp.
- U.S. Fish and Wildlife Service. Gray Bat Recovery Plan. 13pp.
- U.S. Fish and Wildlife Service, National Wildlife Refuge Flood Response and Strategy Analysis, Great Lakes-Big Rivers Region, December 1993.
- U.S. Fish and Wildlife Service. 1993. Pallid Sturgeon Recovery Plan. USFWS, Bismarck, North Dakota. 55pp.
- U.S. Fish and Wildlife Service. 1990. Recovery Plan for the Interior Population of the Least Tern (*Sterna antillarum*). USFWS, Twin Cities, Minnesota. 90pp.
- U.S. Geological Survey. 1999. Ecological Status and Trends of the Upper Mississippi River System 1998: A Report of the Long Term Resource Monitoring Program. U.S. Geological Survey, Upper Midwest Environmental Sciences Center, La Crosse, Wisconsin. April 1999. LTRMP 99-T001. 236 pp.
- U.S. Geological Survey. 1998. Selecting Habitat Management Strategies on Refuges: Information and Technology Report, USGS/BRD/ITR-1998-003.
- Whitney, S.D., K.D. Blodgett, and R.E. Sparks. 1996. A Comprehensive Evaluation of Three Mussel Beds in Reach 15 of the Upper Mississippi River. Illinois Natural History Survey Aquatic Ecology Technical Report 1996(7), Havana. Reprinted by U.S. Geological Survey, Environmental Management Technical Center, Onalaska, Wisconsin, October 1997. LTRMP 97-R022. 15 pp. + Appendixes A - H.

Wiener, J. G., C. R. Fremling, C.E. Korschgen, K. P. Kenow, E.M. Kirsch, S. J. Rogers, Y. Yin and J.S. Sauer. 1998. Mississippi River. Pages 351-384 in M. J. Mac, P. A. Opler, C. E. Pucket Haeker, & P. D. Doran, editors. Status and Trends of the Nation's Biological Resources, Vol. 1 U.S. Geological Survey Reston, Virginia.

Wilcox, Daniel B. 1995. Fish Passage through Dams on the Upper Mississippi River. USGS Long Term Resource Monitoring Program. Project Status Report 99-05.

Wlosinski, J.H., and L. Hill. 1995. Analysis of water level management on the Upper Mississippi River. National Biological Service, Environmental Management Technical Center, Onalaska, Wisconsin, May 1995. LTRMP 95-T001. 43 pp.

Wlosinski, J.H. 1996. Pool 25: Analysis of Water Levels and Discharge. National Biological Service, Environmental Management Technical Center, Onalaska, Wisconsin, March 1996. LTRMP 96-T001. 88 pp.

Yin, Y. 1999. Flooding and Forest Succession in a Modified Stretch along the Upper Mississippi River. LTRMP Reprint 99-R002.

Yin, Y. and J.C. Nelson. 1995. Modifications to the Upper Mississippi River and Their Effects on Floodplain Forests. Long Term Resource Monitoring Program Technical Report 95-T003. National Biological Service Environmental Management Technical Center, Onalaska, Wisconsin. 17 pp.

Yin, Y., J. C. Nelson, and K. S. Lubinski. 1997. Bottomland Hardwood Forests along the Upper Mississippi River. LTRMP Reprint 97-R025.

Yao Y., J.C. Nelson, G.V. Swenson, H.A. Langrehr, T.A. Blackburn. Tree Mortality in the Upper Mississippi River and Floodplain Following an Extreme Flood in 1993. LTRMP Special Report 94-S011.

Young, M. 1989. Contaminants in Heron Eggs from a Colony near an East St. Louis Industrial Area Adjacent to the Mississippi River. U.S. Fish and Wildlife Service, Division of Environmental Contaminants, Rock Island Field Office, Rock Island, IL, Internal Report.

Young, M. 1991. Survey for Contaminants in Sediments at Selected Sites on the Upper Mississippi River (RM 579 to RM 3) including the Mark Twain National Wildlife Refuge. U.S. Fish and Wildlife Service, Division of Environmental Contaminants, Rock Island Field Office, Rock Island, IL, Internal Report.

#### Additional Water Quality References

The Environmental Protection Agency (EPA) has a great deal of detailed information available through their Internet web sites regarding monitoring data, outfall locations, and wastewater permit limitations. Queries can be made regarding any and all wastewater discharges into the Mississippi River by entering their EnviroFacts database found at: [www.epa.gov/enviro/index.html](http://www.epa.gov/enviro/index.html). In addition to wastewater permit information (PCS), the EnviroFacts database includes information on toxic release inventory (TRI), hazardous waste sites (CERCLIS) and air emissions (AIRS).

A search of the EnviroFacts databases has been used to gather information on all contaminant sources as part of the refuge Biomonitoring of Environmental Status and Trends Program (BEST), CIMAS (Contaminant Information Management and Analysis System), and Contaminant Assessment Process (CAP) projects. The BEST program was originally designed to meet the needs of the FWS to monitor contaminants that could affect Service trust resources. This program has since been expanded to encompass all Department of Interior lands. CAPs provide an inventory of contaminant sources around and within a specific refuge unit. They also identify areas on the refuge unit or along its boundary that have the potential to be contaminated because the subject area is connected somehow via air, groundwater, surface water or biologically to a known contaminant source. The U.S. FWS's

Environmental Conservation Online System (<http://ecos.fws.gov>) provides detailed information on Mark Twain NWR contaminant studies, and is recommended as further reference. Seven (Gilbert Lake, Calhoun, Keithsburg, Wilkinson Island, Harlow Island, Fox Island and Horseshoe Bend) of the 15 Mark Twain divisions have had CAPs performed.

In addition, the USGS has a new online Contaminants database which provides information to assess the River's contaminants and how resource managers are responding to this issue. The web site address is: [www.umesc.usgs.gov/data\\_library/sediment\\_contaminants/sediment\\_contaminant\\_page.html](http://www.umesc.usgs.gov/data_library/sediment_contaminants/sediment_contaminant_page.html). The reader is directed to more detailed contaminant information pertinent to the Mississippi River by reading USGS Circular 1133 "Contaminants in the Mississippi River, 1987-92" and "We All Live Downstream: The Mississippi River and the National Toxics Crisis" compiled by Greenpeace (1989).

