

APPENDIX D

RELEVANT REPORTS/REFERENCES

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The following documents were used in developing this BA. References for the various studies, analysis and species descriptions may be found in these documents.

October 31, 2003. 2002 Annual Report for the Missouri River Biological Opinion. USACE, Omaha District

September 2003. Final Report, Ponca State Park Habitat Restoration Project Detailed Project Report and Integrated Environmental Assessment. USACE, Omaha District

August 2003. Shallow Water Habitat Program Management Plan, Missouri River, Ponca to the Mouth – FY 2003

July 2003. Fort Peck Flow Modification Biological Data Collection Plan Summary of 2002 Activities. Patrick J. Braaten, USGS. USACE Contract, Omaha District.

July 2003. Draft Environmental Assessment, Least Tern and Piping Plover Habitat Improvement; Bon Homme, Yankton, and Clay Counties, South Dakota and Knox, Cedar, and Dixon Counties, Nebraska; Missouri River Miles 768, 781.5, 836, and 842. USACE, Omaha District.

July 2003. Draft Supplemental Environmental Assessment Least Tern and Piping Plover Habitat Improvement Missouri River Mile 866.6, Charles Mix County, South Dakota and Boyd County, Nebraska. USACE, Omaha District.

July 2003. Draft Environmental Assessment, Tern & Plover Habitat Creation Little Bend, South Dakota Oahe Dam/Lake Oahe. USACE, Omaha District.

June 2003. Draft Report, Ponca State Park Habitat Restoration Plan Detailed Project Report and Integrated Environmental Assessment, USACE Contract, Omaha District.

April 2003. Environmental Assessment for the Test Spraying of the Herbicide Arsenal; Gavins Point, South Dakota. USACE, Omaha District.

April 4, 2003. Additional Supplemental Biological Assessment for the 2002-2003 Annual Operating Plan

March 2003. Final supplemental Environmental Impact Statement, Missouri river Fish and Wildlife Mitigation Project

January 22, 2003. Supplemental Biological Assessment for the 2002-2003 Annual Operating Plan.

January 22, 2003. Supplemental Biological Assessment for the Current Water Control Plan

January 2003. Missouri River Mainstem System 2002-2003 Annual Operating Plan, USACE, Northwestern Division

January 2003. Missouri River Bank Stabilization and Navigation Project, Fish and Wildlife Mitigation Project, Annual Implementation Report, USACE, Kansas City District

2003 (in progress). Larval Drift Rate Studies, U.S. Geological Survey, Conte Anadromous Fish Research Center

September 2002. Federal Register Vol. 67, No. 176, Critical Habitat and Primary Constituent Elements.

September 2002. David Fuller, MTFWP & Patrick Braaten, USGS, Personal Communication

August 30, 2002. 2001 Annual Report, Implementation of the Biological Opinion for the Missouri River Bank Stabilization and Navigation Project, and Kansas River Reservoir System, USACE, Omaha District and Kansas City District

July 2002. Fort Peck Flow Modification Biological Data Collection Plan Summary of 2001 Activities. Patrick J. Braaten, USGS. USACE Contract, Omaha District.

April 2002. Draft Environmental Assessment, Fort Peck Flow Modification Mini-Test. USACE, Omaha District.

March 2002. Revision of the October 1996 report Diet of Shovelnose Sturgeon downstream from Gavins Point Dam: Final Report by Charles M. Berry, South Dakota State University, Brookings, South Dakota. USACE Contract, Omaha District.

January 2002. The Missouri River Ecosystem, Exploring the Prospects for Recovery. National Academy of Sciences, National Research Council.

2002. Shovelnose Sturgeon iridovirus Sampling in the Missouri River below Gavins Point Dam, South Dakota and Nebraska. USFWS, Pierre, SD. USACE Contract, Omaha District.

2002. Summary Report - An Evaluation of the Benthic Trawl as a Means to Sample Juvenile and Adult Pallid Sturgeon from Main Channel Habitats of the Missouri River. Nebraska Game and Parks Commission. USACE Contract, Omaha District.

2002. Kapuscinski, K. L., Population Abundance Estimation of Wild Pallid Sturgeon in Recovery-priority Management Area #2 of the Missouri and Yellowstone Rivers During 1991-2001. Upper Basin Pallid Sturgeon Recovery Workgroup 2002 Annual Report. Montana Fish, Wildlife and Parks, Fort Peck, Montana.

2002. Vince Travnichek, MDC, Personal Communication

December 2001. Lower Missouri River and Yellowstone River Pallid Sturgeon Study, 2000 Report. James E. Liebelt, MTFWP.

August 2001. Missouri River Master Manual Revised Draft Environmental Impact Statement

January 2001. Suspended Sediment Date Assessment Study, Missouri River at Sioux City, Iowa, MRR Sediment Series Report No. 39a

November 2000. Biological opinion on the operation of the Missouri River main stem system, operation and maintenance of the Missouri River bank stabilization and navigation project and operation of the Kansas River reservoir system. USFWS Region 6 and Region 3

Multiple Years. Benthic Fishes Report: 6 Project Volumes, 6 Dissertation Volumes. USACE Contract, Omaha District.

- Berry, C. R. and B. A. Young. 2001. Introduction to the benthic fishes study. Volume 1 of Population structure and habitat use of benthic fishes along the Missouri and lower Yellowstone Rivers. U. S. Geological Survey, Cooperative Research Units, South Dakota State University, Box 2140b, Brookings, South Dakota 57007.
- Galat, D. L., M. L. Wildhaber, and D. J. Dieterman. 2001. Spatial patterns of physical habitat. Volume 2 of Population structure and habitat use of benthic fishes along the Missouri and lower Yellowstone Rivers. U. S. Geological Survey, Cooperative Research Units, University of Missouri, 302 ABNR Bldg., Columbia, Missouri 65251-7240. Berry, C. R., D. L. Galat, and M. L. Wildhaber. 2001. Fish distribution and abundance. Volume 3 of Population structure and habitat use of benthic fishes along the Missouri and Yellowstone rivers. U. S. Geological Survey, Cooperative Research Units, South Dakota State University, Box 2140b, Brookings, South Dakota 57007.
- Pierce, C. L., C. S. Guy, P. J. Braaten, and M. A. Pegg. 2001. Fish growth, mortality, recruitment, condition, and size structure. Volume 4 of Population structure and habitat use of benthic fishes along the Missouri and lower Yellowstone Rivers. U. S. Geological Survey, Cooperative Research Units, Iowa State University, Science Hall II, Ames, Iowa 50011.

- Galat, D. L., P. J. Braaten, L. C. Bergstedt, C. R. Berry, D. J. Dieterman, C. S. Guy, M. A. Pegg, C. L. Pierce, M. P. Ruggles, L. C. Sappington, D. Scarnecchia, T. L. Welker, R. G. White, M. L. Wildhaber, and B. A. Young. 2002. Synthesis. Volume 5 of Population structure and habitat use of benthic fishes along the Missouri and lower Yellowstone Rivers. U. S. Geological Survey, Cooperative Research Units, University of Missouri, 302 ABNR Bldg., Columbia, Missouri 65251-7240.
- L. C. Sappington, M. L. Wildhaber, and D. L. Galat. 2002. Part 1: Physical habitat and fishes databases. Part 2: Standard Operating Procedures, 1996-1998. Volume 6 of Population structure and habitat use of benthic fishes along the Missouri and lower Yellowstone Rivers. U. S. Geological Survey, Columbia Environmental Research Center, 4200 New Haven Road, Columbia, Missouri 65201.
- Bergstedt, L. C. 2001. Development of an index of biotic integrity for measuring biological condition on the Missouri River. Ph.D. Dissertation, Montana State University. Volume 7 of Population structure and habitat use of benthic fishes along the Missouri and lower Yellowstone Rivers.
- Braaten, P. J. 2000. Growth and mortality of fishes in the Missouri River, with emphasis on freshwater drum. Ph.D. Dissertation, Kansas State University, Manhattan, Kansas. Volume 8 of Population structure and habitat use of benthic fishes along the Missouri and lower Yellowstone Rivers.
- Dieterman D. J. 2000. Spatial patterns in phenotypes and habitat use of sicklefin chub, *Macrhybopsis meeki*, in the Missouri and lower Yellowstone Rivers. Ph.D. Dissertation, University of Missouri, Columbia, Missouri. Volume 9 of Population structure and habitat use of benthic fishes along the Missouri and lower Yellowstone Rivers.
- Pegg, M.A. 2000. Hydrological variation along the Missouri River and its effect on the fish community. Ph.D. Dissertation, Iowa State University, Ames, Iowa. Volume 10 of Population structure and habitat use of benthic fishes along the Missouri and lower Yellowstone Rivers.
- Young, B.A. 2001. Intraspecific variation among emerald shiners (*Notropis antherinoides*) of the Missouri River. Ph.D. Dissertation, South Dakota State University, Brookings, South Dakota. Volume 11 of Population structure and habitat use of benthic fishes along the Missouri and lower Yellowstone Rivers.
- Welker, T. L. 2000. Ecology and structure of fish communities in the Missouri and lower Yellowstone rivers. University of Idaho. Volume 12 of Population structure and habitat use of benthic fishes along the Missouri and lower Yellowstone Rivers.

April 2000. Biological Assessment, Protection of Bald Eagle Nest Tree, Cedar County, Nebraska. USACE, Omaha District.

2000. Lower Missouri River and Yellowstone River Pallid Sturgeon Study, 1999 Report. James E. Liebelt, MTFWP.

April 1999. Biological Assessment on the Operation and Maintenance of the Missouri River Bank Stabilization and Navigation Project.

1999. Summary and Results of 1998 Radio Telemetry of Hatchery-reared Juvenile Shovelnose Sturgeon in the Lower Missouri and Yellowstone Rivers. James E. Liebelt, MTFWP.

December 1998. Biological Assessment on the Operation of the Missouri Main Stem Reservoir System under the Current Water Control Plan and certain Kansas River Reservoir System projects as they relate to the main stem operations.

March 1998. Lower Missouri River and Yellowstone River Pallid Sturgeon Study, 1998 Report. James E. Liebelt, MTFWP.

1998. Summary and Results of 1997 Radio Telemetry of Hatchery-reared Juvenile Shovelnose Sturgeon in the Lower Missouri and Yellowstone Rivers. James E. Liebelt, MTFWP.

April 1997. Temporal Variation in Diet and Food Selection of Shovelnose Sturgeon in the Missouri River above Fort Peck Reservoir, Montana. Douglas J. Megargle and Robert G. White, Montana State University. USACE contract, Omaha District.

1997. Poff, N.I, J.D. Allen, M.B. Bain, J.R. Karr, K.L. Prestegard, B.D. Richter, R.E. Sparks, and J.C. Stromberg. The natural flow regime. *BioScience* Vol. 47 No. 11:769-784.

August 1996. Lower Missouri River and Yellowstone River Pallid Sturgeon Study, 1994 - 1995 Report. James E. Liebelt, MTFWP.

1996. Richter, B.D., J. V. Baumgartner, J. Powell & D. P. Braun. A method for assessing hydrological alteration within ecosystems. *Conserv. Biol.* 10:1163-1174.

November 1994. Genetic Studies of *Scaphirynchus* spp.: Pallid Sturgeon, Shovelnose Sturgeon, Alabama Sturgeon. Genetic Analyses Inc., Smithville, TX. USACE Contract, Omaha District.

Spring 1994. Final Environmental Assessment for Endangered Species Habitat Improvement / Creation in the Missouri River between the Niobrara River and Ponca, Nebraska. USACE, Omaha District.

Fall 1993. Final Environmental Assessment for Endangered Species Habitat Improvement / Creation along the Missouri River Main Stem System. USACE, Omaha District.

July 1993. Final Environmental Assessment for Endangered Species Habitat Improvement / Creation along the Missouri River Main Stem System. USACE, Omaha District.

May 1993. Omaha District's Fiscal Year 1993 - 1995 Plan for Habitat Improvement for the Interior Least Tern and Piping Plover. USACE, Omaha District.

1993. Pallid Sturgeon Recovery Plan. USFWS

Fall 1992. Final Environmental Assessment for Endangered Species Habitat Improvement / Creation along the Missouri River Main Stem System. USACE, Omaha District.

August 1992. An Assessment of Potential Effects on Least Terns, Piping Plovers, and Pallid Sturgeon Resulting from Use of Rodeo and X-77 Surfactant for Tern and Plover Habitat Reclamation. USACE, Omaha District.

Spring 1992. Final Environmental Assessment for Endangered Species Habitat Enhancement / Creation along the Missouri River Main Stem System. USACE, Omaha District.

November 1990. Biological Opinion on the Operation of the Missouri River Main Stem System. USFWS, Bismarck, ND.

1990. Poff, N.L. & J.V. Ward. Physical habitat template of lotic systems: recovery in the context of historical pattern of spatiotemporal heterogeneity. *Environ. Manage.*

July 1985. Least Tern and Piping Plover Biological Assessment, Missouri River Bank Stabilization Operation and Maintenance. USACE, Omaha District.

1984. Hurley, S.T. and J.G. Nickum. Spawning and early life history of shovelnose sturgeon. Completion Report, Project Segment No. 2-399-R-1. Iowa Cooperative Fishery Research Unit. Iowa State University. Ames, Iowa.

May 1981. Missouri River Bank Stabilization and Navigation Project Final Feasibility Report and Final EIS for the Fish and Wildlife Mitigation Plan.

1980. Missouri River Stabilization and Navigation Project, Sioux City, Iowa to Mouth, detailed Fish and Wildlife Coordination Act Report. USFWS, Division of Ecological Services, Kansas City Area Office, North Kansas City, Missouri.

1979. Burke, T.D., and J. W. Robinson. River structure modifications to provide habitat diversity. Pages 556-561 in G.A. Swanson, technical coordinator. The mitigation symposium: A national workshop on mitigating losses of fish and wildlife habitats. General Technical Report RM-65, 695pp. Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colorado.

July 1978. Missouri River Bank Stabilization and Navigation Project, Final Environmental Statement for Continuing Construction and Maintenance. USACE, Omaha District.

1978. Moos, R. E. Movement and reproduction of shovelnose sturgeon, *Scaphirynchus platorynchus*, in the Missouri River, South Dakota. Ph.D. Dissertation, University of South Dakota, Vermillion.