

JOHN L. HARRIS

EDUCATION:

August 1986

**University of Tennessee
Knoxville, Tennessee**

Ph.D. Zoology. Dissertation: Systematics, Distribution, and Biology of Fishes Currently Allocated to *Erimystax* (Jordan), a Subgenus of *Hybopsis* (Cyprinidae).

August 1977

**Northeast Louisiana University
Monroe, Louisiana**

M. S. Biology. Thesis: Fishes of the Mountain Province Section of the Ouachita River from the Headwaters to Rammel Dam.

May 1975

**Southern Arkansas University
Magnolia, Arkansas**
B. S. Biology. Minor: Chemistry

EMPLOYMENT:

September 1990 to
present

**Arkansas State University
Department of Biological Sciences
State University, Arkansas**

Adjunct Assistant Professor of Biology. Curator of Fishes and Mollusks, ASU Museum of Zoology; prepare grant proposals, direct graduate students in their thesis and dissertation research projects, primarily regarding freshwater mussel taxonomy, systematics, distribution, conservation status, and ecology.

October 1980 to
February 2011
(retired)

**Arkansas Highway and Transportation Department
Environmental Division
Little Rock, Arkansas**

Assistant Division Head. Environmental research director and principal investigator for water quality monitoring, construction impact assessment, and wetland ecosystem analysis. Thirty years experience in National Environmental Policy Act (NEPA) assessment and documentation including Environmental Impact Statement preparation.

September 1977 to
October 1980

**University of Tennessee
Department of Zoology
Knoxville, Tennessee**

Graduate Teaching Assistant. Taught General Biology, General Biology Lab, Ichthyology Lab, and Ecology Lab.

September 1975 to
May 1977

**Northeast Louisiana University
Department of Biology
Monroe, Louisiana**

Graduate Teaching Assistant. Taught General Botany Lab, General Zoology Lab, and Ornithology Field Lab.

PROFESSIONAL HONORS AND AWARDS

2007

Freshwater Mollusk Conservation Society. William J. Clench Memorial Award for "singular accomplishments and long-term contributions that have advanced the natural history and understanding of freshwater mollusks".

- 2002 American Fisheries Society, Arkansas Chapter. Joe Hogan Award for "individual achievement for enduring contributions to professional aquatic resource conservation".
- 2000 U.S. Fish and Wildlife Service, Arkansas Field Office. Award of Appreciation "in recognition of continued support and outstanding dedication to Arkansas' natural resources".

GRANTS FUNDED

- 2013 Arkansas Game Fish Commission (\$47,467). Status Survey of the Ouachita Rock Pocketbook, Scaleshell, and Rabbitsfoot mussels in the Little River Basin, Arkansas. Principal Investigator (PI) J. L. Boldin with J. L. Harris.
- 2013 Arkansas Game Fish Commission (\$14,981). Status Assessment Survey for Scaleshell Mussel (*Leptodea leptodon*) (Rafinesque) in AR. PI J. L. Boldin with J. L. Harris.
- 2009 U. S. Fish and Wildlife Service. (\$29,495). Rangewide Morphometric and Meristic Comparison of *Potamilus capax* (Green 1832) Shell Shape and Soft Anatomy. PI J. L. Bouldin with J. L. Harris.
- 2009 Ozark-St. Francis National Forest. Challenge Cost-Share Agreement. (\$25,000 plus \$25,000 ASU Match). Mussel surveys of Richland and Falling Water Creeks and the Mulberry River within the Ozark National Forest. PI J. L. Bouldin with J. L. Harris.
- 2007 Arkansas Game Fish Commission. State Wildlife Grants (\$28,060). Life history research on the special concern southern hickorynut, *Obovaria jacksoniana* (Frierson 1912). PIs A.D. Christian with J.L. Harris, J.L. Farris and W.R. Posey.
- 2007 Arkansas Game Fish Commission. Section 6 Funding (\$25,795). Phylogenetic analysis on the special concern Southern Hickorynut, *Obovaria jacksoniana* (Frierson 1912), its close congeners, and *Villosa arkansasensis*. PIs Alan D. Christian with John L. Harris.
- 2005 Arkansas Game Fish Commission. State Wildlife Grants (\$60,055.00). Resolution of Arkansas Species and Distributions of Freshwater Mussel Genus *Lampsilis* (Bivalvia: Unionoida). PI Alan D. Christian, J.L. Harris, and W. R. Hoeh.
- 2005 Arkansas Game and Fish Commission (\$22,714.05) Preliminary Analysis for Identification, Distribution, and Conservation Status of Species of *Pleurobema* and *Fusconaia* in Arkansas. PI Alan D. Christian with Jeanne Serb, and John L. Harris.
- 2003 Arkansas Game and Fish Commission (\$13,398). Status Survey for the Pink Mucket (*Lampsilis abrupta* (Say, 1831)), Winged Mapleleaf (*Quadrula fragosa* (Conrad, 1835)) and Ouachita Rock Pocketbook (*Arkansia wheeleri* Ortmann and Walker, 1912) in the Little Missouri River, Arkansas. PI Alan D. Christian and John L. Harris.

- 2002 U.S.D.A Forest Service, Ouachita National Forest: Cost-Sharing Challenge Program (\$10,000 plus \$10,000 ASU Match). A proposal for life history and population biology research on the threatened Arkansas fatmucket (*Lampsilis powellii*) and the special concern Ouachita Creekshell (*Villosa arkansasensis*). PI Alan D. Christian with Jerry L. Farris and John L. Harris.
- 2001 Arkansas Game and Fish Commission (\$58,935). Species limits and phylogeography of *Lampsilinae* (Bivalvia: Unionidae) in Arkansas with emphasis on species of *Lampsilis*. PI Jerry L. Farris with John L. Harris, Alan D. Christian, Walter R. Hoeh, Ronald L. Johnson, and Mark Gordon.
- 1993 Arkansas Game and Fish Commission. (\$64,000). Big river mussel surveys in Arkansas (Part II). PIs G. W. Harp and J. L. Harris.
- 1990 Arkansas Game and Fish Commission. (\$125,000). Big river mussel surveys in Arkansas (Part I). PIs G. W. Harp and J. L. Harris.

Publications (Peer Reviewed):

- Peck, A. J., J. L. Harris, J. L. Farris and A. D. Christian. In Review. Survival and horizontal movement of the freshwater mussel species *Potamilus capax* (Green 1832) following relocation within a Mississippi Delta stream system. *American Midlands Naturalist*.
- Inoue, K., D. Hayes, J. Harris, and A. Christian. In Press. Phylogenetic and morphometric analyses reveal ecophenotypic plasticity in freshwater mussels *Obovaria jacksoniana* and *Villosa arkansasensis* (Bivalvia: Unionidae). *Ecology and Evolution*.
- Randklev, C.R., M.S. Johnson, E.T. Tsakiris, S. Rogers-Oetker, K.J. Roe, J.L. Harris, S.E. McMurray, C. Robertson, J. Groce, and N. Wilkins. 2012. False spike, *Quadrula mitchelli* (Bivalvia: Unionidae), is not extinct: First account of a live population in over 30 years. *American Malacological Bulletin* 30:327-328.
- Peck, A., M. Wine, C. Liller, R. Looney, and J. Harris. 2010. Use of habitat credit trading as a mitigation tool for transportation projects: a Federal Highway Administration pilot project in Arkansas. *In Proceedings of the 2009 International Conference on Ecology and Transportation*, edited by Paul J. Wagner, Debra Nelson, and Eugene Murray. Raleigh, NC: Center for Transportation and the Environment, North Carolina State University. Pages 207-220.
- Wentz, N. J., J. L. Harris, J. L. Farris, and A. D. Christian. 2010. Mussel inventory and population status of the federally endangered *Potamilus capax* (Green 1832) in the Tyronza River, Arkansas. *Journal of the Arkansas Academy of Science* 63:169-176.
- Matthews, M. W., F. Usrey, S. W. Hodges, J. L. Harris, and A. D. Christian. 2010. Species richness, distribution, and relative abundance of freshwater mussels (Bivalvia: Unionidae) of the Buffalo National River, Arkansas. *Journal of the Arkansas Academy of Science* 63:113-130.
- Martin, H. C., J. L. Harris, and A. D. Christian. 2010. A qualitative freshwater mussel survey of the South Fork Spring River, Missouri and Arkansas. *Journal of the Arkansas Academy of Science* 63:106-112.
- Harris, J. L., W. R. Posey II, C. L. Davidson, J. L. Farris, S. Rogers Oetker, J. N. Stoeckel, B. G. Crump, M. Scott Barnett, H. C. Martin, M. W. Matthews, J. H. Seagraves, N. J. Wentz, R. Winterringer, C. Osborne, and A. D. Christian. 2010. Unionoida (Mollusca:

- Margaritiferidae, Unionidae) in Arkansas, third status review. *Journal of the Arkansas Academy of Science* 63:50-86.
- Christian, A. D. and J. L. Harris. 2008. An introduction to directions in freshwater mollusk conservation: molecules to ecosystems. *J. N. Am. Benthol. Soc.* 27(2): 345-348.
- Walker, J. M., A. E. Bogan, E. A. Bonfiglio, D. C. Campbell, A. D. Christian, J. P. Curole, J. L. Harris, R. J. Wojtecki, and W. R. Hoeh. 2007. Primers for amplifying the hypervariable, male-transmitted COII-COI junction region in amblemine freshwater mussels (Bivalvia: Unionoidea: Ambleminae). *Molecular Ecology Notes* (2007) 7:489-491.
- Peck, A.J., J.L. Harris, J.L. Farris, and A.D. Christian. 2007. Assessment of freshwater mussel relocation as a conservation strategy. *Proceedings of the 2007 International Conference of Ecology and Transportation, Raleigh, North Carolina.* Pages 115-124.
- Christian, A. D., J. L. Harris, W. R. Posey, J. F. Hockmuth, and G. L. Harp. 2005. Freshwater mussel (Bivalvia: Unionidae) assemblages of the lower Cache River, AR. *Southeastern Nat.* 4(3):487-512.
- Christian, A. D. and J. L. Harris. 2005. Development and assessment of a sampling design for freshwater mussel assemblages in large streams. *Am. Midl. Nat.* 153:284-292.
- Christian, A. D., C. L. Davidson, W. R. Posey II, P. J. Rust, J. L. Farris, J. L. Harris, and G. L. Harp. 2000. Growth curves of four species of commercially valuable freshwater mussels (Bivalvia: Unionidae) in Arkansas. *J. AR Acad. Sci.* 54:41-50.
- Turner, T. F., J. C. Trexler, J. L. Harris, and J. L. Haynes. 2000. Nested cladistic analysis indicates population fragmentation shapes genetic diversity in a freshwater mussel. *Genetics* 154:777-785.
- Harris, J. L. 1999. Diversity of mussels *in* Ozark-Ouachita Highlands Assessment: aquatic conditions. Report 3 of 5. Gen. Tech. Rep. SRS-33. Asheville, NC: U. S. Department of Agriculture, Forest Service, Southern Research Station. 317 p.
- Davidson, C. L., G. L. Harp, and J. L. Harris. 1997. A survey of Mollusca (Bivalvia: Unionacea) inhabiting Myatt Creek, Fulton County, Arkansas. *J. Arkansas Acad. Sci.* Vol. 51:193-196.
- Harris, J. L., P. J. Rust, A. D. Christian, W. R. Posey II, C. L. Davidson, and G. L. Harp. 1997. Revised status of rare and endangered Unionacea (Mollusca: Margaritiferidae, Unionidae) in Arkansas. *J. Arkansas Acad. Sci.* Vol. 51:66-89.
- Posey, W. R. II, J. L. Harris, and G. L. Harp. 1996. New distributional records for freshwater mussels in the Ouachita River, Arkansas. *Proc. Arkansas Acad. Sci.* Vol. 50:96-98.
- Harris, J. L., P. Rust, S. W. Chordas, III, and G. L. Harp. 1993. Distribution and population structure of freshwater mussels (Unionidae) in Lake Chicot, Arkansas. *Proc. AR Acad. Sci.* 47:38-43.
- Williams, J. D., M. L. Warren, Jr., K. S. Cummings, J. L. Harris, and R. J. Neves. 1993. Conservation status of freshwater mussels of the United States and Canada. *Fisheries* 18(9):6 - 22.
- Harris, J. L. and M. E. Gordon. 1990. Arkansas Mussels. Arkansas Game and Fish Commission, Little Rock. 32 p.

- Harris, J. L. and M. E. Gordon. 1987. Distribution and status of rare and endangered mussels (Mollusca: Margaritiferidae, Unionidae) in Arkansas. *Proceedings Arkansas Academy of Science* 41(1987):49-56.
- Miller, A. C. and J. L. Harris. 1987. A survey for mollusca in the White River near Newport, Arkansas, 1986. Misc. Paper EL- 87-5, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS. 25 p.
- Gordon, M. E. and J. L. Harris. 1985. Distribution of *Lampsilis powelli* (Lea) (Bivalvia: Unionacea). *Nautilus* 99(4):142-144.
- Harris, J. L. and K. L. Smith. 1985. Distribution and status of *Etheostoma cragini* Gilbert and *E. microperca* Jordan and Gilbert in Arkansas. *Proceedings Arkansas Academy of Science* XXXIX:135-136.
- Harris, J. L., F. L. Burnside, B. L. Richardson, and W. K. Welch. 1984. Methods for analysis of highway construction impacts on a wetland ecosystem -- a multidisciplinary approach. *Transportation Research Record* 969:8-17.
- Harris, J. L. 1980. *Hybopsis dissimilis* (Kirtland), Streamline chub. Page 184 in D. S. Lee, et al Atlas of North American Freshwater Fishes. North Carolina State Museum Natural History, Raleigh. 854 p.
- Harris, J. L. 1980. *Hybopsis insignis* Hubbs and Crowe, Blotched Chub. Page 188 in D. S. Lee, et al Atlas of North American Freshwater Fishes. North Carolina State Museum Natural History, Raleigh. 854 p.
- Harris, J. L. and N. H. Douglas. 1978. Fishes of the mountain province section of the Ouachita River. *Proceedings Arkansas Academy of Science* XXXII:55-59.
- Robison, H. W. and J. L. Harris. 1978. Notes on the habitat and zoogeography of *Noturus taylori* (Pisces: Ictaluridae). *Copeia* 1978(3):548-550.
- Douglas, N. H. and J. L. Harris. 1977. Occurrence of the chub genus *Nocomis* (Cyprinidae) in the Ouachita River drainage, west-central Arkansas. *Association Southeastern Biologists Bull.* 24(2): 47.

PUBLICATIONS (NOT PEER REVIEWED):

- Harris, J. L. 2012. Interior Highlands and Mississippi Embayment. Pages 13-41 in *Freshwater mussel identification and sampling workshop: Freshwater mussels of the central United States*. 60th Annual Meeting of the Society for Freshwater Science, 20-24 May, 2012, Louisville, KY. 104 p.
- Charles R. Randklev, Matthew S. Johnson, Eric T. Tsakiris, Susan Rogers Oetker, Kevin J. Roe, John L. Harris, Stephen McMurray, Clint Robertson, Julie Groce and Neal Wilkins. 2011. First account of a living population of False Spike, *Quadrula mitchelli* (Bivalvia: Unionidae), in the Guadalupe River, Texas. *Ellipsaria* 13 (4):17-19.
- Harris, J. L. 2010. Regional Fauna Identification and Sampling (Show-me your umbones): Interior Highlands and Mississippi Embayment. *Freshwater Mollusk Conservation Society Workshop*, October 19-21, 2010, Kirkwood, MO. Workbook pages 107-131.

UNPUBLISHED REPORTS:

- Harris, J. L. 2012. Survey for mussels at the County Road 2 crossing of the Illinois River, Benton County, Arkansas. Welch/Harris, Inc., Scott, AR. Final report prepared for Terracon, Environmental Services Group, Bryant, AR. 14 p.
- Harris, J. L. 2010. Mussel Survey of the White River for a Bank Stabilization Project at Augusta, Woodruff County, Arkansas. Welch/Harris, Inc., Little Rock, AR. Final report prepared for City of Augusta, AR. 6 p.
- Harris, J. L. and CCR Environmental, Inc. 2010. Mussel survey of five miles of Ditch 81, Mississippi County, Arkansas. Prepared for Panamerican Consultants, Inc., Memphis, TN. 9 p.
- Harris, J. L. and CCR Environmental, Inc. 2009. Mussel Survey of the White River at DeValls Bluff, Prairie County, Arkansas, for the Grand Prairie Area Demonstration Project. Final report prepared for the U. S. Army Corps of Engineers, Memphis, TN. 18 p. + appendices.
- Harris, J. L. 2009. Survey for Mussels at the Saline River Intake Facility for the Benton Public Water Supply, Saline County, Arkansas. Welch/Harris, Inc., Little Rock, AR. Final report prepared for Benton Utilities, Benton, AR. 5 p.
- Harris, J. L. 2009. Mussel Survey of the Lower Arkansas River in the Vicinity of Camp Bend and House Bend. Welch/Harris, Inc., Little Rock, AR. Final report prepared for G.E.C., Inc., Environmental Sciences and Engineering, Baton Rouge, LA. 4 p.
- Harris, J. L. 2009. Mussel Survey of the White River and Stillhouse Branch for the Wastewater Treatment and Sewer Collection Facility Improvement Project at Batesville, Independence County, Arkansas. Welch/Harris, Inc., Little Rock, AR. Final report prepared for Environmental Consulting Operations, Inc., Benton, AR. 5 p.
- Harris, J. L. 2009. Quantitative mussel survey of Rivervale Outlet Ditch, St. Francis River basin, Poinsett County, Arkansas. CCR Environmental, Inc., Atlanta, GA and Welch/Harris, Inc., Little Rock, AR. Final report prepared for the U. S. Army Corps of Engineers, Memphis, TN. 11 p. + appendices.
- Harris, J. L. 2008. Survey for mussels at the proposed Salem Water Transmission Line crossings of the North Fork Saline River and the Alum Fork Saline River, Saline County, Arkansas. Welch/Harris, Inc., Little Rock, AR. Prepared for Michael Bolin & Associates, Benton, AR. 10 p. + appendix.
- Harris, J. L. 2008. Survey for mussels prior to bank stabilization in Little River downstream of Millwood Dam, Hempstead and Little River counties, Arkansas. Welch/Harris, Inc., Little Rock, AR. Final report to U.S. Army Corps of Engineers, Millwood Lake Project Office, Ashdown, AR. 6 p.
- Christian, A. D., J. L. Harris, J. S. Serb, D. L. Hayes, K. Inoue. 2008. Preliminary analysis for identification, distribution, and conservation status of species of *Pleurobema* and *Fusconaia* in Arkansas. Final Report prepared for Arkansas Game & Fish Commission, Fisheries Division, Non-game Species Office, Perrytown, AR. 40p.

- Harris, J. L., J. L. Farris, and A. D. Christian. 2007. Status of *Epioblasma florentina curtisii* (Frierson and Utterback 1916), Curtis Pearlymussel, in Arkansas. Report prepared for U.S. Fish and Wildlife Service, Columbia, MO. 37 p. + appendices.
- Christian, A. D., J. L. Farris, J. L. Harris, S. E. Seagraves. 2006. Life history and population biology of the state special concern Ouachita creekshell, *Villosa arkansasensis* (I. Lea 1862). Final Report prepared for Arkansas Game & Fish Commission, Fisheries Division, Non-game Species Office, Perrytown, AR. 67 p.
- Christian, A. D., J. L. Farris, J. L. Harris, M. S. Barnett, and S. E. Seagraves. 2006. Life history and population biology of the federally threatened Arkansas fatmucket [*Lampsilis powellii* (I. Lea 1852)] and the state special concern Ouachita creekshell (*Villosa arkansasensis* (I. Lea 1862)). Final report prepared for U. S. Department of Agriculture, Ouachita National Forest, Hot Springs, AR. ??p.
- Harris, J. L. 2006. *Quadrula fragosa* population estimates at 10 sites in the Ouachita River drainage, Arkansas. Welch/Harris, Inc., Little Rock, AR. Final report prepared for U. S. Fish and Wildlife Service, Arkansas Ecological Services Field Office, Conway. 14 p. + Appendix I.
- Harris, J. L. and A. D. Christian. 2005. Survey for mussels and the Ozark hellbender in the vicinity of the proposed Northeast Arkansas Public Water Authority water treatment plant, Lawrence and Randolph counties, Arkansas. Welch/Harris, Inc., Little Rock, AR. Final Report prepared for Crist Engineers, Inc., Little Rock, AR. 8 p.
- Harris, J. L. 2005. Survey for Mussels in the Vicinity of Proposed Union Pacific Railroad Improvements at McKinney Bayou, Miller County, Arkansas and the Ouachita River, Ouachita County, Arkansas. Welch/Harris, Inc., Little Rock, AR. Final report prepared for Merrick & Company, Aurora, CO. 7 p + Appendices A-B.
- Harris, J. L. and J. M. Serb. 2004. Red Slough Wetland Preserve Project mussel survey, Ouachita National Forest, McCurtain County, Oklahoma. Welch/Harris, Inc., Little Rock, AR. Report submitted to Ouachita National Forest, Hot Springs, AR. 18 p. + field notes.
- Bogan, A. E., M. E. Raley, J. L. Harris, and J. Levine. 2004. Search for cryptic species in the flutedshell, *Lasmigona costata* (Rafinesque, 1820) (Mollusca, Bivalvia, Unionidae). Report to the U. S. Department of Agriculture, Ouachita National Forest. 21 p.
- Harris, J. L., W. R. Hoeh, A. D. Christian, R. D. Johnson, J. L. Farris, and M. E. Gordon. 2004. Species limits and phylogeography of Lampsilinae (Bivalvia: Unionoida) in Arkansas with emphasis on species of *Lampsilis*. Arkansas State University, Jonesboro. Prepared for the Arkansas Game and Fish Commission and the U. S. Fish and Wildlife Service. 89 p.
- Farris, J. L., J. H. Seagraves, and J. L. Harris. 2003. Reproductive biology and habitat characterization of the Federally endangered freshwater mussel, *Arkansia wheeleri* in the Little and Ouachita rivers, Arkansas. Arkansas State University, Jonesboro. Prepared for the U. S. Fish and Wildlife Service, Ecological Services Office, Conway, AR for Agreement No. 1448-40181-01-G-105. no pagination.
- Harris, J. L. and A. D. Christian. 2003. Qualitative survey for mussels, White River navigation maintenance, Arkansas, Desha, and Prairie Counties, Arkansas. Welch/Harris, Inc., Little Rock, AR. Prepared for the U. S. Army Corps of Engineers, Memphis, TN. 10 p.

- Harris, J. L. and A. D. Christian. 2003. Population survey and relocation of endangered mussels in the St. Francis River at the Madison scour stabilization site, St. Francis County, Arkansas. Welch/Harris, Inc., Little Rock, AR. Prepared for the U. S. Army Corps of Engineers, Memphis, TN. 6 p.
- Harris, J. L. 2002. Freshwater mussel survey of the White River and Lafferty Creek, Arkansas in the vicinities of Lock and Dam 1, Lock and Dam 2, and Lock and Dam 3. Welch/Harris, Inc., Little Rock, AR. Prepared for Crist Engineers, Inc., Little Rock, AR. 14 p. + Appendix A (field data sheets).
- Harris, J. L. and C. D. Milam. 2002. Field identification notebook: mussels of the St. Francis River Basin Arkansas and Missouri. Welch/Harris, Inc., Little Rock, AR. Prepared for the U. S. Army Corps of Engineers, Memphis, TN. 76 p. + Appendix I.
- Harris, J. L. and C. D. Milam. 2002. Field identification notebook: mussels of the White River from Newport to the Arkansas River. Welch/Harris, Inc., Little Rock, AR. Prepared for the U. S. Army Corps of Engineers, Memphis, TN. 100 p. + Appendix I.
- Farris, J. L., Milam, C. D., and J. L. Harris. 2001. Development of a geographic information system (GIS) database for native Arkansas mussels. Prepared for Arkansas Game and Fish Commission, Nongame Aquatic Section, Benton, AR. 17 p.
- Harris, J. L. 2001. Distribution and relative abundance of freshwater bivalves (Unionacea) in sections of the Fourche La Fave River and Petit Jean River, Arkansas. Welch/Harris, Inc., Little Rock, AR. Report to U. S. Department of Agriculture, Ouachita National Forest, Hot Springs, AR. 18 p. + Appendices.
- Harris, J. L. 2001. Freshwater mussel survey of State Line Outlet Ditch, St. Francis River Basin, Mississippi County, Arkansas with population estimate for *Potamilus capax*. Welch/Harris, Inc., Little Rock, AR. Prepared for the U. S. Army Corps of Engineers, Memphis, TN. 15 p.
- Harris, J. L. 2001. Freshwater mussel survey of Lower Buffalo Creek, St. Francis River Basin, Mississippi County, Arkansas. Welch/Harris, Inc., Little Rock, AR. Prepared for U. S. Army Corps of Engineers, Memphis, TN. 10 p.
- Vaughn, C. C. and J. L. Harris. 1999. Grand Lake commercial freshwater mussel stock assessment. Welch/Harris, Inc., Little Rock, AR. A report to the Oklahoma Biological Survey and the Oklahoma Department of Wildlife Conservation. 14 p. + Appendices.
- Harris, J. L. 1997. Status survey of *Lampsilis rafinesqueana* Frierson, the Neosho musket, in Arkansas. Welch/Harris, Inc., Little Rock, AR. Prepared for the U. S. Fish and Wildlife Service, Vicksburg, MS. 6 p. + Appendices.
- Harris, J. L. 1997. Evaluation of impacts of commercial gravel dredging to three unionid bivalve aggregations in the White River, Arkansas. Welch/Harris, Inc., Little Rock, AR. Prepared for Mobley Construction., Inc. 10 p. + Appendices A-C.
- Harris, J. L. 1997. A population assessment of recolonization by the fat pocketbook mussel of dredged habitat in the St. Francis Floodway, Arkansas. Welch/Harris, Inc., Little Rock, AR. Report to the U.S. Fish and Wildlife Service, Endangered Species Field Office, Jackson, MS. 14 p. + Appendices A and B.

- Posey, W. R. II, J. L. Harris, and G. R. Harp. 1996. An evaluation of the mussel community in the lower Ouachita River. Report prepared as part of Lower Ouachita River Workgroup. Published by Arkansas Department of Env. Quality, Little Rock, AR. 26 p.
- Harris, J. L. 1996. The freshwater mussel resources of the Buffalo National River, Arkansas. Phase I Qualitative Survey: location, species composition, and status of mussel beds. Welch/Harris, Inc., Little Rock, AR. Report submitted to U.S. Department of the Interior, National Park Service, Buffalo National River, Harrison, AR. 19 p. + Appendices A-C.
- Harris, J. L. 1995. Mussel survey of the White River between river miles 264.0 - 274.0 near Oil Trough, Independence County, Arkansas. Prepared for Mobley Construction Co., Inc., Morrilton, AR. 14 p.
- Harris, J. L. 1994. Mussel survey of the White River between river miles 260.0 - 264.0 in Independence and Jackson counties, Arkansas. Prepared for Mobley Construction Co., Inc., Morrilton, AR. 11 p.
- Harris, J. L. 1994. Survey of the freshwater mussels (Mollusca: Unionidae) of the Poteau River drainage in Arkansas. Welch/Harris, Inc., Little Rock, AR. Report to the U.S. Department of Agriculture, Ouachita National Forest, Hot Springs, AR. 23 p. + Appendix I.
- Harris, J. L. 1994. Microhabitat and population analysis of *Lampsilis powelli* (Lea, 1852) in the South Fork Ouachita River, Montgomery County, Arkansas. Welch/Harris, Inc., Little Rock, AR. Prepared for U.S.D.A. Forest Service, Ouachita National Forest, Hot Springs, AR. 26 p. + Appendices.
- Harris, J. L. 1992. Status of *Lampsilis streckeri* in segments of the Middle, South, and Archey forks of the Little Red River, Stone and Van Buren Counties, Arkansas. Welch/Harris, Inc., Little Rock, AR. Prepared for the U.S. Fish and Wildlife Service, Endangered Species Office, Jackson, MS. 23 p. + field notes.
- Harris, J. L. 1992. Temporary relocation of the speckled pocketbook (*Lampsilis streckeri*) at the NOARK pipeline crossing, Middle Fork Little Red River, Van Buren County, Arkansas. Welch/Harris, Inc., Little Rock, AR. Prepared for ENSR Consulting and Engineering, Houston, TX. 10 p. + Appendix.
- Harris, J. L. 1991. Survey for *Lampsilis rafinesqueana* in the Illinois River at the proposed Siloam Springs water intake structure. Welch/Harris, Inc., Little Rock, AR. Prepared for McClelland Consulting Engineers, Inc., Fayetteville, AR. 10 p.
- Harris, J. L. 1991. A mussel survey of Lake Dardanelle in the Vicinity of the proposed River Mountain Pumped Storage Project. Welch/Harris, Inc., Little Rock, AR. Prepared for CPS Arkansas, Inc., Greenwich, CT. 19 p.
- Harris, J. L. 1991. Survey for *Lampsilis streckeri* in the Middle Fork Little Red River at the proposed NOARK pipeline crossing, Van Buren County, Arkansas. Welch/Harris, Inc., Little Rock, AR. Prepared for ENSR Consulting and Engineering, Houston, TX. 10 p.
- Harris, J. L. 1991. Survey for *Lampsilis powelli* at Site 2, South Fork Watershed Project, Montgomery County, Arkansas. Welch/Harris, Inc., Little Rock, AR. Prepared for U.S. Department of Agriculture, Soil Conservation Service, Little Rock, AR. 18 p.
- Harris, J. L. 1991. Survey of the freshwater mussels (Mollusca:Unionidae) of the South Fourche LaFave River and major tributaries. Welch/Harris, Inc., Little Rock, AR.

- Prepared for U.S. Forest Service, Ouachita National Forest, Hot Springs, AR. 18 p. + field notes.
- Harris, J. L. 1990. Survey of Tulot Seep Ditch and Ditch 60 for the fat pocketbook (*Potamilus capax*) in the vicinity of Trumann, Poinsett County, Arkansas. Prepared for Crist Engineers, Inc., Little Rock, AR. 14 p.
- Harris, J. L. 1990. Survey of the White River for endangered mussels at the proposed crossing for the Oklahoma - Arkansas pipeline project, White - Woodruff counties, Arkansas. Prepared for Woodward - Clyde Consultants, Houston, TX. 11 p.
- Harris, J. L. 1990. Survey of the St. Francis River for the endangered fat pocketbook (*Potamilus capax*) at the proposed crossing for the Oklahoma - Arkansas pipeline project, St. Francis County, Arkansas. Prepared for Woodward - Clyde Consultants, Houston, TX. 16 p.
- Harris, J. L. 1989. Mussel survey of the Caddo River below the DeGray Reservoir reregulating dam near Caddo Valley, Clark County, Arkansas. Prepared for JDJ Energy Co., Inc., Little Rock, AR. 11 p.
- Harris, J. L. 1989. Mussel survey of the White River at DeValls Bluff at the proposed Arkansas Game and Fish Commission boat ramp. Prepared for the Arkansas Game and Fish Commission, Little Rock. 8 p.
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- Harris, J. L. 1989. Survey of mussels in the Black River at proposed Soil Conservation Service work site LA-1 near Clover Bend, Lawrence County, Arkansas. Prepared for the USDA Soil Conservation Service, Little Rock, AR. 7 p.
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GRADUATE STUDENT COMMITTEES

2010 Andrew J. Peck: ASU EVS Doctoral Committee
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