

JAMES DAVID WILLIAMS
Curriculum Vitae – July 2003

- EMPLOYMENT:** U.S. Geological Survey
Florida Integrated Science Center
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- EDUCATION:** University of Alabama, Tuscaloosa, Alabama (1961-1969)
PhD – Biology; MS – Biology; MA – Education; BS – Secondary
Education

AWARDS & HONORS:

- 1996 The Society for Conservation Biology, Distinguished Achievement Award.
- 1992 U.S. Fish and Wildlife Service, Special Achievement Award. Recognition for superior service in research and management as Section Chief in the National Fisheries Research Center.
- 1991 U.S. Fish and Wildlife Service, Special Achievement Award. Recognition for superior service in research and management as Section Chief in the National Fisheries Research Center.
- 1984 U.S. Fish and Wildlife Service, Quality Performance Award. Recognition for outstanding performance in listing endangered fishes.
- 1969 University of Alabama, NASA Graduate Research Traineeship 1966-1969.
- 1967 University of Alabama, Isabella Hummell Graham Graduate Research Award.

PROFESSIONAL AFFILIATIONS:

- American Fisheries Society
 - Chairman, Endangered Species Committee, 1983-84
 - Member Endangered Species Committee, 1975-Present
 - Chairman, Endangered Mollusks Subcommittee, 1992-1993
 - Member Names of Fishes Committee, 1992-Present
- American Society of Ichthyologists & Herpetologists
 - Member Environmental Quality Committee, 1975-Present
 - Member Names of Fishes Committee, 1992-present
 - Board of Governors, 1988-1992
 - Board of Governors, 1976-1980
 - Past President, Southeastern Section, 1972-1973
- American Malacological Society
 - Endangered Species Committee, 1988-1992
- American Midland Naturalist

Ichthyology Editor, 1976-1982
Association of Southeastern Biologists
Desert Fishes Council
Florida Academy of Science
Florida Museum of Natural History
Research Associate in Natural Sciences, 1988-Present
Freshwater Mollusk Conservation Society
International Union for the Conservation of Nature
Member of the Freshwater Fish Group, 1992-1996
International Union for the Conservation of Nature, Species Survival Commission
Appointed Chairman, Sturgeon Specialist Group, 1991-1993
Smithsonian Institution
Appointed Research Associate, 1975-1987
Society for Conservation Biology
Southeastern Fishes Council
University of Florida, Department of Fisheries and Aquaculture
Courtesy Associate Professor, 1991-1997
University of Florida, Department of Wildlife and Range Sciences
Courtesy Associate Professor, 1994-1998

INTERNATIONAL ACTIVITIES:

- United States/Peoples Republic of China Environmental Agreement.
Invited delegate to represent the United States, Department of Interior to conduct discussions with Chinese scientists on conservation of fishes and other aquatic resources, China, 7-31 October, 1993.
- International Union for the Conservation of Nature.
Invited to serve on an international panel to establish criteria for adding species to the CITES Appendix I and 2, and IUCN Redlist in London, England, November 1992.
- Fisheries Society of the British Isles.
Invited to serve on a panel and present a paper at the International Symposium on the Biology & Conservation of Rare Fish at the University of Lancaster, England, July 1990.
- United States/USSR Fisheries Conference.
Sponsored by Trout Unlimited and hosted by Rosochotrybolovsoyuz. Presented paper on the U.S. Government Program for the Conservation of Endangered and Threatened Fishes in Moscow, October 1988.
- International Convention on the Conservation of Migratory Species.
United States Fish & Wildlife Service, Ichthyology Delegate. Provided data on North American fishes for the Second Revised Draft Convention on the Conservation of Migratory Species in Bonn, Germany, 1978.

University of Alabama.

Member of South American Freshwater Fishes Expedition, December 1973 - January 1974.

WORK EXPERIENCE:

- 2001-Present Research Biologist, U.S. Geological Survey, Florida Integrated Science Center, Gainesville, Florida.
- 1987-2000 Chief, Biodiversity Branch, U.S. Geological Survey, Florida Caribbean Science Center, Gainesville, Florida.
- 1974-1987 Staff Specialist (Ichthyologist) in the U.S. Fish and Wildlife Service, Office of Endangered Species, Washington, DC.
- 1972-1978 (summers) Taught short courses in aquatic biology and Endangered Species for the National Wildlife Federation at Black Mountain, North Carolina, Lake George, New York, and Rocky Mountain National Park, Colorado.
- 1972-1974 Assistant Professor of Biology, Tuskegee Institute, Tuskegee, Alabama. Taught courses in environmental biology, ecology, and vertebrate field zoology. Chaired graduate student committees in zoology.
- 1971 Summer visiting Professor, Marine Science Institute, University of Alabama. Taught the marine vertebrates and ichthyology course.
- 1970-1972 Assistant Professor of Biology, Mississippi University for Women, Columbus, Mississippi. Taught biology, anatomy, aquatic biology, and field biology. Chaired graduate student committees in zoology.
- 1969-1970 Chairman of the Department of Biology, Belmont College, Nashville, Tennessee. Taught courses in general biology, ecology, field zoology, and environmental conservation.
- 1963-1969 Laboratory Instructor for general biology labs (botany and zoology), and vertebrate field zoology and ichthyology (1963-1969), and Curator of the ichthyological and herpetological collections (1965-1969), University of Alabama, Biology Department, University of Alabama.

PUBLICATIONS:

Books:

Gilbert, C. R., and J. D. Williams. 2002. National Audubon Society Field Guide to Fishes. Revised Edition. Alfred A. Knopf, New York. 607 pp.

Fuller, P. L., L. G. Nico, and J. D. Williams. 1999. Nonindigenous Fishes Introduced Into Inland Waters of the United States. American Fisheries Society Special Publication 27, Bethesda, MD. 613 pp.

Ono, R. D., J. D. Williams, and A. Wagner. 1983. Vanishing Fishes of North America. Stone Wall Press, Washington, DC. 257 pp., 16 color plates.

Boschung, H. T., J. D. Williams, D. W. Gotshall, D. K. Caldwell, and M. C. Caldwell. 1983. The Audubon Society Field Guide to North American Fishes, Whales, and Dolphins. Alfred A. Knopf Inc., New York. 847 pp.

Research Publications:

Nelson, J. S., E. J. Crossman, H. Espinosa-Pérez, L. T. Findley, C. R. Gilbert, R. N. Lea, and J. D. Williams. 2003. The “Names of Fishes” list, including recommended changes in fish names: Chinook salmon for chinook salmon, and *Sander* to replace *Stizostedion* for the sauger and walleye. *Fisheries* 28(7):38-39.

Blalock-Herod, H. N., J. J. Herod, and J. D. Williams. 2002. Evaluation of conservation status, distribution, and reproductive characteristics of an endemic Gulf Coast freshwater mussel, *Lampsilis australis* (Bivalvia: Unionidae). *Biodiversity and Conservation* 11(10):1877-1887.

Howells, R. G., J. D. Williams, and W. R. Courtenay, Jr. 2002. Snakeheads represent an increasing threat to U.S. waters. *Aquatic Nuisance Species Digest* 4(4):37, 40-41.

McCullagh, W. H., J. D. Williams, S. W. McGregor, J. M. Pierson, and C. Lydeard. 2002. The unionid (Bivalvia) fauna of the Sipsey River in northwestern Alabama, an aquatic hotspot. *American Malacological Bulletin* 17(1/2):1-15.

Nelson, Joseph S., Edwin J. Crossman, Héctor Espinosa-Pérez, Lloyd T. Findley, Carter R. Gilbert, Robert N. Lea, and James D. Williams. 2002. When is a catfish not a catfish – U.S. legislation over a name. *Fisheries* 27(2):38-40.

O'Brien, C. A., and J. D. Williams. 2002. Reproductive biology of four freshwater mussels (Bivalvia: Unionidae) endemic to eastern Gulf Coastal Plain drainages of Alabama, Florida, and Georgia. *American Malacological Bulletin* 17(1/2):147-158.

Schilling, E. M., and J. D. Williams. 2002. Freshwater mussels (Bivalvia: Margaritiferidae and Unionidae) of the lower Duck River in middle Tennessee: a historic and recent review. *Southeastern Naturalist* 1(4):403-414.

Benson, A. J., D. C. Marelli, M. E. Frischer, J. M. Danforth, and J. D. Williams. 2001. Establishment of the green mussel, *Perna viridis* (Linnaeus 1758) (Mollusca: Mytilidae) on the West Coast of Florida. *Journal of Shellfish Research* 20(1):21-29.

- Brim Box, J., and J. D. Williams. 2000. Fresh water mussels of the Apalachicola, Chattahoochee and Flint rivers in Alabama, Florida and Georgia. Bulletin of Alabama Museum of Natural History 21. 143 pp.
- Gilbert, C. R., J. S. Nelson, E. J. Crossman, H. Espinosa-Perez, L. T. Findley, R. N. Lea, and J. D. Williams. 2000. *Ceratichthys micropogon* Cope, 1865 (currently *Nocomis micropogon*; Osteichthyes, Cypriniformes): proposed conservation of usage of the specific name by the designation of a neotype. Bulletin of Zoological Nomenclature 57(4):214-217.
- Gilbert, C. R., J. S. Nelson, E. J. Crossman, H. Espinosa-Perez, L. T. Findley, R. N. Lea, and J. D. Williams. 2000. *Holacanthus ciliaris bermudensis* Goode, 1876 (currently *Holacanthus bermudensis*; Osteichthyes, Perciformes): proposed conservation of usage of the subspecific name by the designation of a neotype. Bulletin of Zoological Nomenclature 57(4):218-222.
- Williams, J. D. 2000. *Cottus paulus*, a replacement name for the pygmy sculpin, *Cottus pygmaeus* Williams 1968. Copeia 2000(1):302.
- Williams, J. D., and G. K. Meffe. 2000. Invasive nonindigenous species: a major threat to freshwater biodiversity. Pp. 67-73 In: R. A. Abell, et al. (World Wildlife Fund-U.S.). Freshwater Ecoregions of North America: A Conservation Assessment. Island Press, Washington, DC. 319 pp.
- Lydeard, C., J. T. Garner, P. Hartfield, and J. D. Williams. 1999. Freshwater mussels in the Gulf region: Alabama. Gulf of Mexico Science 17(2):125-134.
- Orr, R., G. McClung, R. Peoples, J. D. Williams, and M. A. Meyer. 1999. Chapter 4. Nonindigenous species. Pp. 4-1 to 4-20 In: Ecological Risk Assessment in the Federal Government. Committee on Environment and Natural Resources of the National Science and Technology Council, Washington, DC, CENR/5-99/001.
- Williams, J. D., and G. H. Burgess. 1999. A new species of bass, *Micropterus cataractae* (Teleostei: Centrarchidae), from the Apalachicola River Basin in Alabama, Florida, and Georgia. Bulletin of the Florida Museum of Natural History 42(2): 80-114.
- Williams, J. D., and A. Fradkin. 1999. *Fusconaia apalachicola*, a new species of freshwater mussel (Bivalvia: Unionidae) from precolumbian archaeological sites in the Apalachicola Basin of Alabama, Florida, and Georgia. Tulane Studies in Zoology and Botany 31(1): 51-62.
- Nelson, J. S., E. J. Crossman, H. Espinosa-Pérez, C. R. Gilbert, R. N. Lea, and J. D. Williams. 1998. Recommended changes in common fish names: pikeminnow to replace squawfish (*Ptychocheilus* spp.). Fisheries 9:37.

- Turgeon, D. D., J. F. Quinn, Jr., A. E. Bogan, E. V. Coan, F. G. Hochberg, W. G. Lyons, P. M. Mikkelsen, R. J. Neves, C. F. E. Roper, G. Rosenberg, B. Roth, A. Scheltema, F. G. Thompson, M. Vecchione, and J. D. Williams. 1998. Common and Scientific Names of Aquatic Invertebrates from the United States and Canada: Mollusks, 2nd edition. American Fisheries Society Special Publication 26, Bethesda, MD.
- Williams, J. D., and G. K. Meffe. 1998. Nonindigenous species. Pp. 117-129 In: M. J. Mac, P. A. Opler, C. E. Puckett Haecker, and P. D. Doran. Status and Trends of the Nation's Biological Resources. 2 Vols. U.S. Department of the Interior, U.S. Geological Survey, Reston, VA. 964 pp.
- White, P. S., S. P. Wilds, G. A. Thunhorst, J. M. Alderman, M. Barnett-Lawrence, J. Whitfield Gibbons, T. C. Gibson, D. S. Lee, M. R. Pelton, D. Penrose, and J. D. Williams. 1998. Southeast. Pp. 255-314 In: M. J. Mac, P. A. Opler, C. E. Puckett Haecker, and P. D. Doran. Status and Trends of the Nation's Biological Resources. 2 Vols. U.S. Department of the Interior, U.S. Geological Survey, Reston, VA. 964 pp.
- Burkhead, N. M., S. J. Walsh, B. J. Freeman, and J. D. Williams. 1997. Status and restoration of the Etowah River, an imperiled Southern Appalachian Ecosystem. Pp. 375-444 In: G. W. Benz and D. E. Collins (eds.). Aquatic Fauna in Peril: The Southeastern Perspective. Special Publication 1, Southeast Aquatic Research Institute, Lenz Design and Communications, Decatur, GA. 553 pp.
- Efford, I. E., C. Macias Garcia, and J. D. Williams. 1997. Facing the challenges of invasive alien species in North America. Global Biodiversity Canadian Museum of Nature 7(1):25-30.
- Mulvey, M., C. Lydeard, D. L. Pyer, K. M. Hicks, J. Brim-Box, J. D. Williams, and R. S. Butler. 1997. Conservation genetics of North American freshwater mussels *Ambloema* and *Megalonaia*. Conservation Biology 11(4):868-878.
- Neves, R. J., A. E. Bogan, J. D. Williams, S. A. Ahlstedt, and P. D. Hartfield. 1997. Status of aquatic mollusks in the southeastern United States: a downward spiral of diversity. Pp. 43-86 In: G. W. Benz and D. E. Collins (eds.). Aquatic Fauna in Peril: The Southeastern Perspective. Special Publication 1, Southeast Aquatic Research Institute, Lenz Design and Communications, Decatur, GA. 553 pp.
- Boydston, C. P., P. L. Fuller, and J. D. Williams. 1995. Nonindigenous fish. Pp. 431-433 In: E. T. LaRoe, G. S. Farris, C. E. Puckett, P. D. Doran, and M. J. Mac (eds.). Our living resources: a report to the nation on the distribution, abundance, and health of U.S. plants, animals, and ecosystems. U.S. Department of the Interior, National Biological Service, Washington, DC. 530 pp.
- Francis-Floyd, F., and J. D. Williams. 1995. Behavioral research on captive endangered fishes of North America. Pp. 105-123 In: E. F. Gibbons, Jr., B. S. Durrant, and J. Demarest (eds.). Conservation of Endangered Species in Captivity.

- Smith-Vaniz, W. F., J. A. Bohnsack, and J. D. Williams. 1995. Reef fishes of the Florida Keys. Pp. 279-284 In: E. T. LaRoe, G. S. Farris, C. E. Puckett, P. D. Doran, and M. J. Mac (eds.). Our living resources: a report to the nation on the distribution, abundance, and health of U.S. plants, animals, and ecosystems. U.S. Department of the Interior, National Biological Service, Washington, DC. 530 pp.
- Walsh, S. J., N. M. Burkhead, and J. D. Williams. 1995. Southeastern freshwater fishes. Pp. 144-147 In: E. T. LaRoe, G. S. Farris, C. E. Puckett, P. D. Doran, and M. J. Mac (eds.). Our living resources: a report to the nation on the distribution, abundance, and health of U.S. plants, animals, and ecosystems. U.S. Department of the Interior, National Biological Service, Washington, DC. 530 pp.
- Williams, J. D., and R. J. Neves. 1995. Freshwater mussels: a neglected and declining aquatic resource. Pp. 177-179 In: E. T. LaRoe, G. S. Farris, C. E. Puckett, P. D. Doran, and M. J. Mac (eds.). Our living resources: a report to the nation on the distribution, abundance, and health of U.S. plants, animals, and ecosystems. U.S. Department of the Interior, National Biological Service, Washington, DC. 530 pp.
- Williams, J. D., and M. Mulvey. 1994. Recognition of mussel taxa: a conservation challenge. Pp. 57-59 In: G. K. Meffe and C. R. Carroll. Principles of Conservation Biology. Sinauer Associates Press. 511 pp.
- Williams, J. D., and R. S. Butler. 1994. Freshwater bivalves. Pp. 53-128 In: M. Deyrup and R. Franz (eds.). Rare and Endangered Biota of Florida, Volume 4, Invertebrates. University of Florida Press, Gainesville, FL.
- Jennings, D. P., and J. D. Williams. 1993. Factors influencing the distribution of blackchin tilapia, Sarotherodon melanotheron, in the Indian River system, Florida. Northeast Gulf Science 12(2):111-117.
- Williams, J. D., and J. Brim Box. 1993. Freshwater mussels of the Chattahoochee and Flint rivers. Pp. 296-297 In: K. J. Hatcher (ed.). Proceedings 1993 Georgia Water Resources Conference, Athens. 412 pp.
- 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.
- Burkhead, N. M., and J. D. Williams. 1992. Okaloosa darter Etheostoma okaloosae. Pp. 23-30 In: C. R. Gilbert (ed.). Rare and Endangered Biota of Florida. Volume II. Fishes. University Press of Florida, Gainesville.
- Burkhead, N. M., and J. D. Williams. 1992. The boulder darter: a conservation challenge. U.S. Fish and Wildlife Service Endangered Species Technical Bulletin 17(3-8):4-6.

- Burkhead, N. M., J. D. Williams, and B. J. Freeman. 1992. The Etowah: a river under siege. *Georgia Wildlife* 2(2):10-17.
- Courtenay, Jr., W. R., and J. D. Williams. 1992. Dispersal of exotic species from aquaculture sources, with emphasis on freshwater fishes. Pp. 49-81 In: A. Rosenfield and R. Mann. *Dispersal of living organisms into aquatic ecosystems*. University of Maryland Sea Grant Program.
- Williams, J. D., S. L. H. Fuller, and R. Grace. 1992. Effects of impoundments on freshwater mussels (Mollusca: Bivalvia: Unionidae) in the main channel of the Black Warrior and Tombigbee rivers in western Alabama. *Bulletin Alabama Museum of Natural History*, No. 13:1-10.
- Burkhead, N. M., and J. D. Williams. 1991. An intergeneric hybrid of a native minnow, the golden shiner, and an exotic minnow, the rudd. *Transactions American Fisheries Society* 120:781-795.
- Courtenay, W. R., D. P. Jennings, and J. D. Williams. 1991. Common and scientific names of fishes from the United States and Canada: Appendix 2, Exotic Fishes. Pp. 97-107 In: C. R. Robins, et al. *American Fisheries Society Special Publication* 20.
- Williams, J. D., and G. H. Clemmer. 1991. *Scaphirhynchus suttkusi*, a new sturgeon (Pisces: Acipenseridae) from the Mobile Basin of Alabama and Mississippi. *Bulletin Alabama Museum of Natural History* 10:17-31.
- Williams, J. D., and D. P. Jennings. 1991. Computerized data base for exotic fishes: the western United States. *California Fish and Game* 77(2):86-93.
- Bogan, A. E., J. D. Williams, and S. L. H. Fuller. 1990. Comments on the proposed conservation of *Proptera* Rafinesque, 1819 (Mollusca, Bivalvia). *Bulletin Zoological Nomenclature* 47(3):206-207.
- Burkhead, N. M., and J. D. Williams. 1990. Research on the Okaloosa darter focuses on competition and habitat use. *U.S. Fish and Wildlife Endangered Species Technical Bulletin*, Vol. IX, No. 11.
- Etnier, D. A., and J. D. Williams. 1989. *Etheostoma (Nothonotus) wapiti* (Osteichthyes: Percidae), a new darter from the southern bend of the Tennessee River system in Alabama and Tennessee. *Proceedings Biological Society of Washington* 102(4):987-1000.
- Miller, R. R., J. D. Williams, and J. E. Williams. 1989. Extinctions of North American fishes during the past century. *Fisheries* 14(6):22-38.
- Williams, J. E., J. E. Johnson, D. A. Hendrickson, S. Contreras-Balderas, J. D. Williams, M. Navarro-Mendoza, D. E. McAllister, and J. E. Deacon. 1989. Fishes of North America endangered, threatened, or of special concern: 1989. *Fisheries* 14(6):2-20.

- Turgeon, D., R. T. Abbott, A. E. Bogan, W. K. Emerson, W. G. Lyons, W. L. Pratt, C. F. E. Roper, A. Scheltema, F. G. Thompson, and J. D. Williams. 1988. A List of Common and Scientific Names of Aquatic Invertebrates from the United States and Canada: Mollusks. American Fisheries Society Special Publication 16. 277 pp.
- Bogan, A. E., and J. D. Williams. 1986. Megalonaias Utterback, 1915 (Molluska: Bivalvia): proposed conservation by the suppression of Magnonaias Utterback, 1915. ZN. (S.) 2512. Bulletin Zoological Nomenclature 43(3):273-276.
- Williams, J. D., and R. M. Nowak. 1986. Vanishing species in our own backyard: extinct fish and wildlife of the United States and Canada. Pp. 107-139 In: Extinction: Saving the Sinking Ark. MIT Press, Cambridge, MA.
- Ono, R. D., J. D. Williams, and A. Wagner. 1983. Vanishing fishes of the American Desert. Animals, pp. 28-31.
- Williams, J. D. 1982. Distribution and habitat observations of selected Mobile Basin unionid mollusks. Pp. 61-85 In: Report of Freshwater Mollusks Workshop. Army Corps of Engineers, Vicksburg, MS.
- Williams, J. D., and D. A. Etnier. 1982. Description of a new species, Fundulus julisia, with a redescription of Fundulus albolineatus and a diagnosis of the subgenus Xenisma (Teleostei: Cyprinodontidae). Occasional Papers Museum of Natural History University of Kansas, No. 102:1-20.
- Williams, J. D. 1981. Threatened desert fishes and the Endangered Species Act. Chapter 14. Pp. 447-475 In: Fishes in North American Deserts. John Wiley and Sons.
- Williams, J. D. 1981. Threatened warmwater stream fishes and the Endangered Species Act: a review. Pp. 328-337 In: Proceedings Warmwater Streams Symposium, Southern Division American Fisheries Society.
- Heins, D., G. Gunning, and J. D. Williams. 1980. Reproduction and population structure of an undescribed species of Notropis from the Mobile Bay drainage. Copeia 4:822-830.
- Williams, J. D., and H. Robison. 1980. Ozarka, a new subgenus of the genus Etheostoma (Pisces: Percidae). Brimleyana, No. 4:149-156.
- Deacon, J., G. Kobetich, J. D. Williams, and S. Contreras. 1979. Fishes of North America endangered, threatened, or of special concern 1979. Fisheries 4(2):29-44.
- Williams, J. D., and W. M. Howell. 1979. An albino sculpin from a cave in the New River drainage of West Virginia (Pisces: Cottidae). Brimleyana, No. 1:141-146.

- Williams, J. D., and C. K. Dodd, Jr. 1978. Importance of wetlands to endangered and threatened species. Pp. 565-575 In: Wetlands functions and values; the state of our understanding. American Water Resources Association.
- Williams, J. D., and D. A. Etnier. 1978. Etheostoma aquali, a new percid fish (subgenus Nothonotus) from the Duck and Buffalo rivers, Tennessee. Proceedings Biological Society of Washington 91(2):463-471.
- Williams, J. D. 1977. Endangered species: yesterday, today, and tomorrow. Pp. 49-55 In: Endangered and Threatened Plants and Animals of North Carolina, North Carolina State Museum of Natural History, Raleigh, North Carolina.
- Williams, J. D., and D. A. Etnier. 1977. Percina (Imostoma) antesella, a new percid fish from the Coosa River system in Tennessee and Georgia. Proceedings Biological Society of Washington 90(1):6-18.
- Williams, J. D., and D. K. Finnley. 1977. Our vanishing fishes: can they be saved? Frontiers, Academy of Natural Sciences of Philadelphia 41(4):21-32.
- Williams, J. D. 1976. A review of the Endangered Species Act of 1973. Association of Southeastern Biologists Bulletin 23(3):138-141.
- Williams, J. D. 1975. Systematics of the percid fishes of the subgenus Ammocrypta, genus Ammocrypta, with description of two new species. Alabama Museum of Natural History Bulletin, No. 1, June 1975, 56 pp.
- Wall, B. R., and J. D. Williams. 1974. Etheostoma boschungi, a new percid fish from the Tennessee River drainage in northern Alabama and western Tennessee. Tulane Studies in Zoology and Botany 18(4):172-182.
- Howell, W. M., and J. D. Williams. 1971. Notropis gibbsi, a new cyprinid fish from the Tallapoosa River system. Copeia 1971(1):55-64.
- Williams, J. D., and J. G. Armstrong. 1971. Cave and spring fishes of the southern bend of the Tennessee River. Journal of the Tennessee Academy of Science 46(3):107-115.
- Williams, J. D., and C. R. Robins. 1970. Variations in populations of the fish Cottus carolinae in the Alabama River system with descriptions of a new subspecies from below the Fall Line. American Midland Naturalist 83(2):368-381.
- Williams, J. D. 1969. A revision of the sand darters of the subgenus Ammocrypta (Pisces, Percidae). Doctoral dissertation, University of Alabama. 160 pp.
- Williams, J. D. 1968. A new species of sculpin, Cottus pygmaeus, from a spring in the Alabama River Basin. Copeia 1968(2):334-342.

Williams, J. D. 1967. Records of three cyprinid fishes from the Tallapoosa River system. Journal of the Alabama Academy of Sciences 38:307-310.

Williams, J. D. 1965. Studies on the fishes of Tallapoosa River system in Alabama and Georgia. Masters thesis, University of Alabama. 135 pp.

Abstracts and Unpublished Reports:

Gierhart, Wendy, H. N. Blalock-Herod, C. Stringfellow, and J. D. Williams. 2003. Mussel Sampling Site Geographic Information Systems Database. Abstract, Freshwater Mollusk Conservation Society 3rd Symposium, p. 12.

Walsh, S. J., and J. D. Williams. 2003. Inventory of fishes and mussels in springs and spring effluents of north-central Florida state parks. Final report to Florida Park Service, St. Augustine, Florida. 94 pp.

Blalock-Herod, H. N., and J. D. Williams. 2001. Status survey for the Suwannee moccasinshell, Medionidus walkeri, and assessment of historical habitat for the federally endangered oval pigtoe, Pleurobema pyriforme, in the Suwannee River drainage, Florida. Report to U.S. Fish and Wildlife Service, Jacksonville, Florida. 50 pp.

Brim Box, J., J. Williams, R. Gillies, E. Rodemaker, J. Mossa, and J. Howard. 2001. Effects of urban growth in the Atlanta area on freshwater mussels in the Line Creek watershed. Abstract, Freshwater Mollusk Conservation Society 2nd Symposium, p. 34.

Hartfield, P., J. Garner, J. Williams, and R. D. Suttkus. 2001. Mussels of the Alabama River, past and present. Abstract, Freshwater Mollusk Conservation Society 2nd Symposium, p. 22.

Herod, J. J., H. N. Blalock-Herod, N. J. Kernaghan, D. S. Ruessler, J. D. Williams, T. S. Gross, and J. M. Pierson. 2001. Unionid fauna within a selected reach of the Coosa River, Alabama. Abstract, Freshwater Mollusk Conservation Society 2nd Symposium, p. 59.

Herod, J. J., H. N. Blalock-Herod, D. S. Ruessler, and J. D. Williams. 2001. Baseline glycogen levels for *Elliptio mcmichaeli* (Clench and Turner, 1956); seasonality between two sites in the Choctawhatchee River watershed and laboratory holding. Abstract, Freshwater Mollusk Conservation Society 2nd Symposium, p. 63.

Nico, L. G., J. D. Williams, and J. J. Herod. 2001. Black carp (Mylopharyngodon piceus): a biological synopsis and updated risk assessment. Report to the Risk Assessment and Management Committee of the Aquatic Nuisance Species Task Force. 125 pp.

Blalock, H. N., J. J. Herod, and J. D. Williams. 2000. Freshwater mussels of the Choctawhatchee River drainage in Alabama and Florida. Abstract, American Fisheries Society Southern Division 2000 Mid-Year Meeting, Savannah, Georgia, February 3-6, 2000.

- Williams, J. D. 2000. Conservation status of freshwater mussels of the southeastern United States. Abstract, American Fisheries Society Southern Division 2000 Mid-Year Meeting, Savannah, Georgia, February 3-6, 2000.
- Herod, J. J., H. N. Blalock, and J. D. Williams. 1999. Baseline population biology of the freshwater mussel, Elliptio mcmichaeli, in the Choctawhatchee and Pea rivers in Florida and Alabama. Abstract, Alabama Fisheries Association, Inc. 16th Annual Meeting, Gulf Shores, Alabama, February 10-12, 1999.
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