

James H. Kennedy
Professional Preparation

Ph.D., Zoology, 1980. Virginia Polytechnic Institute and State University, Blacksburg, Virginia
M.S., Biology, 1973. Indiana University of Pennsylvania, Indiana, Pennsylvania
B.S., 1969. Mansfield State University, Mansfield, Pennsylvania

Post- Doc, Ecotoxicology, 1980 -1981, Virginia Polytechnic Institute and State University

Appointments

1998 - present. **Professor of Biological Sciences and Director of Elm Fork Natural History Museum**, Department of Biological Sciences, University of North Texas, Denton, Texas
1991 - 1998. **Associate Professor of Biological Sciences and Director of Water Research Field Station**, University of North Texas, Denton, Texas
1989 - 1990. **Research Associate Professor (with faculty privileges, non-tenure track), Director, Water Research Field Station**, University of North Texas, Denton, Texas
1987 - 1989. **Research Scientist I, Adjunct Professor, Director, Water Research Field Station, Research Associate Professor**, University of North Texas, Denton, Texas
1983 - 1987. **Founder and Director**, Water Science Associates, Inc, Coraopolis, PA & Goldsboro North Carolina.
1982 - 1983. **Senior Project Leader**, Aquatic Programs, Biospherics Incorporated, Rockville, Maryland.
1981 - 1982. **Manager, Aquatic Ecotoxicology Section, Senior Ecologist**, Environmental Services Division, NUS Corporation, Pittsburgh, Pennsylvania.
1973 - 1975. **Research Biologist - Benthos Section Leader**, Ichthyological Associates, Inc., Ithaca, New York.
1972 - 1973. **Fisheries Biologist**, Pennsylvania Fish Commission, Tionesta, Pennsylvania.

Publications (75 publications since 1987. (7 most recent listed below)

- Bolling, B.G., Kennedy, J.H. and Zimmerman, E.C. Seasonal Dynamics of Four Potential West Nile Vector Species in North Central Texas. *Journal of Vector Ecology*. (In Press December 2005).
- Wang, B. and Kennedy, J.H. 2004. Life History of *Mayatrachia ponta* Ross (Trichoptera: Hydroptilidae) in Honey Creek, Oklahoma. *Proceedings of the Entomological Society of Washington*. 106(3): 523 – 530.
- Balci, P., and Kennedy, J.H. 2003. Estimation of Surface Areas of *Myriophyllum spicatum* and *Heteranthera dubia*. *Journal of Aquatic Plant Management*. 41: 119 - 125.
- Taylor, J.M. and Kennedy, J.H. 2003. Cohort dynamics of an overwintering *Caenis latipennis* population in Honey Creek, Oklahoma, U.S.A., pp 201 – 204. *in* Research Update on Ephemeroptera and Plecoptera. Edited by Elda Gaino. *Proceedings of the of X International Conference on Ephemeroptera*, Universita Di Perugia, Perugia, Italy. 488p.
- Kennedy, J.H. 2003. Contributions to the life history and knowledge of the ecology of mayflies (Ephemeroptera) from the New River, Virginia, pp 193 - 197. *in* Research Update on Ephemeroptera and Plecoptera. Edited by Elda Gaino. *Proceedings of the of X International Conference on Ephemeroptera*, Universita Di Perugia, Perugia, Italy. 488p.
- Johnson, Z. B. and Kennedy, J. H. 2003. Macroinvertebrate Assemblages of Submerged Woody Debris in the Elm Fork of the Trinity River, Texas. *J. Freshwater Ecology* 18(2): 187-197.
- Balci, P. and Kennedy, J.H. 2003. Comparison of Chironomids and Other Macroinvertebrates Associated with

Myriophyllum spicatum and *Heteranthera dubia*. J. Freshwater Ecology 18(2): 235-247.

Five other Publications of General Interest

Baumgardner, D.E. and Kennedy, J.H. 2000. Biodiversity of Mayflies (Insecta: Ephemeroptera) of the Kiamichi River Watershed, Oklahoma. Journal of the Kansas Entomological Society 72(3):273-281.

Kennedy, J. H., Cook, R. and Anderson, G. M. 1998. Diversity and temporal patterns of macroinvertebrates inhabiting Southern High Plains playas, pp. 121 - 137. In A. J. McComb and J. A. Davis [eds.], Wetlands for the Future. Gleneagles Publishing. Adelaide, Australia.

Waltz R. D., D.B. Baumgardner and Kennedy, J. H. 1998. Character Variability and a New Synonym of *Acerpenna pygmaea* (Ephemeroptera: Baetidae). Entomological News 109(4): 257 - 260.

Baumgardner, D.E., Kennedy, J.H. and Henry, B.C., Jr. 1997. New and Additional Records of Texas Mayflies (Insecta: Ephemeroptera). Transaction of the American Entomological Society 123(1&2): 55-69.

Waltz R. D., D.B. Baumgardner and Kennedy, J. H. 1996. *Baetis intercalaris* Biological Notes and Discussion. Entomological News 102(2):83-87.

Synergistic Activities

Faculty Development Leave 2003. University of Minnesota, Department of Entomology. Collaborate with Dr. Leonard Ferrington to study Chironomidae (Diptera) found in springs in the southwestern United States.

U.S. EPA Tiered Aquatic Life Workshop to develop Criteria for Standardization of results – San Marcos, Texas August 18-20, 2004, Invited Participant

Nature Conservancy of Texas, Conservation Planning Committee for the Bandera Canyonlands, Jan. 2002 Invited Participant

Charn Uswachode International Development Fund. Project fostered cooperative environmental education programs between science educators selected from school districts in the Mexico state of Jalisco and US teachers from Fort Worth and Denton. ISD. Summers 2001 – 2002.

Community Level Aquatic System Studies Interpretation Criteria Workshop, Schmallerberg Germany. May 1999. Invited participant.

Higher Tier Aquatic Risk Assessment for Pesticides Workshop, Bordeaux, France, April 1998, Invited Participant.

Mentor in the McNair Program at University of North Texas

Curriculum development for aquatic ecology (K - 8th grades). UNT Elm Fork Learning Center 1998 - present.

Grant Activity Over 7 million dollars in extramural funding at the University of North Texas 1987 – 2005. Grants funded by NSF, EPA and industry.

Currently advise 3 PhD, 7 Masters Students

