

VITA

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EDUCATION:

Virginia Tech, Blacksburg, VA	Ph.D	Zoology (Aquatic Ecology)
Indiana University of PA, Indiana, PA	MS	Biology
Mansfield University, Mansfield, PA	BS	Biology

Post Doctoral Fellow, Center for Environmental Studies Virginia Polytechnic Institute and State University.

PROFESSIONAL EXPERIENCE:

2014- 2016 Interim Chairperson for Philosophy and Religion Department. This position was a two year temporary administrative assignment August 2014-2016.

2011 – Present. Regents Professor, Department of Biological Sciences. Sciences and Director, Elm Fork Education Center and Natural Heritage Museum, Co-Director Sub-Antarctic Biocultural Conservation Program, University of North Texas.

2010 University Distinguished Teaching Professor.

1998 – 2010. Professor of Biological Sciences and Director, Elm Fork Education Center and Natural Heritage Museum, Co-Director Sub-Antarctic Biocultural Conservation Program, University of North Texas.

1998- 2014. Environmental Science Division Director 1998 – 2014.

Teaching: undergraduate and graduate courses in Contemporary Biology, Animal BioDiversity and Conservation, Invertebrate Zoology, Insect Biology, Aquatic Insects, Aquatic Insect Ecology, Stream Ecology, and Sub-Antarctic Conservation.

Director of the Elm Fork Education Center and Natural Heritage Museum (EFEC). The EFEC is the largest outreach program at the University of North Texas. Since taking over the directorship of the EFEC I have expanded its activities to include interdisciplinary activities with various academic programs at UNT. For example Elm Fork provides UNT's College of Visual Arts and Design ART 101 Drawing classes with a two week module that uses specimens from the Elm Fork Natural Heritage Museum to teach drawing skills and basic principles regarding ecology and natural history. Recently digitized *The Joseph Britton Freshwater Mussel* collection. Images, taxonomic and distribution records for this collection are available as part of the UNT libraries digital library collections. .

Created the curriculum for the BS Ecology for Environmental Science degree program.

Co-Director of the Sub-Antarctic Biocultural Conservation Program: Founding member of the UNT-Chile Field Station, in Puerto Williams, Chile. Co-Direct the Sub-Antarctic Biocultural Conservation Research Cluster.

Research: Research in my laboratory focuses on six areas: Stream ecology, aquatic insect biology, biodiversity studies, the use of macroinvertebrates in the ecological risk assessment process, conservation of invertebrates/vertebrates, and environmental education. Recent projects have included the ecophysiology of the aquatic midges in Antarctica, mercury movement in prairie ecosystems, evaluation of the conservation status of Freshwater Mussels in the Sabine River, and Brazos River.

Students: Currently I mentor 12 graduate students (6 PhDs, 6 MS). Research activities are directed at basic and applied research with terrestrial/aquatic insects and in the field of aquatic ecology.

2007 – Present. Visiting Professor, Graduate Program, University of Magallanes, Punta Arenas, Chile. Currently serve a major advisor on one Masters Degree committee and one undergraduate thesis committee.

2003 Visiting Professor, Department of Entomology, University of Minnesota, St. Paul Minnesota. (Faculty Development Leave January - August 2003). Research completed on the systematics and ecology of Chironomidae (Insecta: Diptera) particularly those that are associated with desert springs.

1992 -1998. Associate Professor of Biological Sciences and Director, Water Research Field Station, University of North Texas. Tenure granted 1994.

1989 - 1991. Research Associate Professor (with faculty privileges), Director, Water

Research Field Station, Department of Biological Sciences, University of North Texas.

Upon appointment as director, my immediate requirements were to control expenditures at the Water Research Field Station, complete past-due research reports and re-establish confidence with the Station's current funding sources. During my first 4 months in this position the Field Station report obligations were satisfied financial solvency was re-established as were relationships with funding sources. Under my directorship, the field station expanded from 14 0.1-acre ponds to 46 0.1-acre ponds. During my term as the director and co-founder of the UNT field station, we were part of the North Texas Research Institute, independent of the University and received no State or University monetary support of the station. Overhead generated from field station grants were used to purchase the 40-acre site occupied by the field station in 1991. This station from 1987 – 1998 grossed nearly 7 million dollars in grants and contracts.

Began teaching undergraduate and graduate courses in the Fall 1990.

1987 - 1988. Research Scientist I, Adjunct Professor, Co-founder of the Water Research Field Station, Department of Biological Sciences, University of North Texas.

Hired by UNT to provide advice needed for the construction and development of the Water Research Field Station. Develop extramural funding sources to support the Water Research Field Station and participate in the research endeavors of the Institute of Applied Sciences.

1983 - 1987. Founder and Director, Water Science Associates, Inc. Coraopolis, PA & Goldsboro, N.C.

WSA Inc. was primarily involved with the design and implementation of multi-year fate and effect field studies evaluating environmental hazards of agricultural chemicals on aquatic ecosystems. These projects were critical to EPA registration of pesticides under FIFRA (Federal Insecticide, Fungicide and Rodenticide Act). WSA completed three major agricultural chemical field projects. The first was a multi-year study of impacts of a pre-emergent herbicide on rice field in Southeastern Texas (1983 – 1985). The second involved the evaluation of the effects of an insecticide on a freshwater ecosystem in Maryland's Upper Eastern Shore (joint project with Wildlife Int., Easton, MD) (1985 – 1986). Jointly, Water Science Associates, Inc. and ICI Americas designed and performed the first U.S. EPA pesticide registration study evaluating the effects of an insecticide on aquatic ecosystems using experimental ponds (1986 – 1987). In 1986 – 1987 WSA grossed \$1.5 million.

1982 - 1983. Senior Project Leader, Aquatic Programs, Biospherics Incorporated, Rockville, Maryland.

Supervised all aquatic programs involving laboratory studies and field ecological programs. Duties included securing funding to support the laboratory through writing of proposals in response to RFP's, meeting with potential clients to develop a funding base. Responsibilities included the management of administrative and technical staff. Review of the design, conduct and final reports of all aquatic toxicology laboratory studies. These included fresh water and marine tests on a wide variety of fish and invertebrates. Tests included static acute, flow through, early life stage with fathead minnows, *Daphnia magna* chronic and bioconcentration studies. Experienced in all phases of on-site effluent toxicity studies.

Designed, directed, conducted and reported on all aspects of small and large-scale aquatic field studies. Experienced in extensive benthic surveys that include collection and taxonomy of aquatic invertebrates. Have managed multi-year fate and effect field studies evaluating the environmental hazards of selected pesticides.

1981 - 1982. Manager, Aquatic Bioassay-Toxicity Section, Senior Ecologist, Environmental Services Division, NUS Corporation, Pittsburgh, Pennsylvania.

Reason for leaving - NUS closed its ESD worldwide in 1982.

Supervised laboratory equipped with facilities for flow-through and static testing, culture and acclimation of test organisms, and mobile trailer for on-site, flow-through or static testing of industrial effluent. In addition to securing funding for the laboratory, responsibilities included management of all toxicity testing programs and culture facilities, supervision of several technicians, toxicity data analysis, and report preparation. In addition, developed quality assurance guidelines, work instruction for toxicity testing procedures and related programs. Experienced in design, construction, and maintenance of bioassay facilities.

Performed and supervised acute toxicity testing with *Pimephales promelas*, *Salmo gairdneri*, *Daphnia pulex*, *Daphnia magna*, *Gammarus minus*, *Chironomus riparius*, *Planorbella trivolvis* and *Physa heterotropha*. Experienced performing chronic tests with *Daphnia pulex*. Primary work, funded by U.S.E.P.A., was performing toxicity tests with a variety of freshwater organisms and toxic pollutants listed under Section 307 of the 1977 Clean Water Act (PL. 95217). The data my laboratory collected was used in the development of national water quality criteria and was provided to states for the development of water quality standards. In addition, provided taxonomic assistance for benthic macroinvertebrate surveys. Experienced in the ecology and taxonomy of immature and adult life stages of freshwater benthic macroinvertebrates.

1980 - 1981. Post Doctoral Research Associate, Department of Biology, Virginia Polytechnic Institute and State University, Blacksburg, Virginia.

Responsibilities included the construction of facilities necessary to establish a mobile

testing laboratory to conduct on-site toxicity studies. Conducting and coordinating laboratory toxicity studies using *Daphnia* and fish, and field studies of benthic macroinvertebrate distributions to evaluate the influences of oil refinery effluent on receiving systems. Post Doc supervisor Drs. John C. Cairns Jr. and Arthur Buikema.

1975 - 1979. Graduate Research Assistant, Department of Biology, Virginia Tech, Blacksburg, Virginia.

1973 - 1975. Research Biologist - Benthos Section Leader, Ichthyological Associates, Inc., Ithaca, New York.

Aquatic ecologist position with increasing responsibilities beginning in the summer of 1973 with the Newbold Island Project, Bordentown, New Jersey. Preconstruction biological survey of Delaware River near a proposed nuclear power station. Primarily assigned to benthos section. Responsibilities included collection, identification and quantitative analysis of macrobenthos. Also assisted with general studies of phytoplankton, macrobenthos, fish fauna and fish impingement at New Jersey Public Service Electric Generating Plants on the Arthur Kill, Hackensack and Passaic Rivers and Raritan Bay in northern New Jersey (fall 1973). Promoted to benthos section leader and transferred to the Three Mile Island Project, Etters, Pennsylvania in January 1973. Three Mile Island Project. Primary function centered on an impact assessment of Three Mile Island Nuclear Power Plant on the Susquehanna River macrobenthos. Responsible for writing of the monthly and annual reports. Included supervision of laboratory and field scientists.

Also involved with measurements of impingement entrainment of zooplankton, ichthyoplankton and fish. Assisted in creel census studies, which involved sampling fish with trap and trawl nets.

1972 - 1973. Fisheries Biologist, Pennsylvania Fish Commission, Tionesta, Pennsylvania

Survey of flora and fauna of the Allegheny River and its tributaries in a 60-mile section downstream of Kinzua Dam and upstream of its confluence with French Creek at Oil City, Pennsylvania. A team effort involving a benthic survey, fish collecting via electroshocking (backpack and boat) and gill netting.

1971 - 1972. Graduate Teaching Assistantship, Department of Biology, Indiana University of Pennsylvania, Indiana Pennsylvania.

1969 - 1971. Teacher, Centennial School District, Warminster, Pennsylvania.

Taught general biology, general science, earth, and space science at eighth, ninth, and 10th grade levels. Served as assistant soccer coach, track varsity and field official.

1967 – 1970 (Summers). Fisheries Biologist Assistant, Pennsylvania Fish Commission.

Fish stock assessments in streams and lakes in Pennsylvania. Specific tasks included fish and benthic macroinvertebrate identifications. Shad (*Alosa americanus*) restoration in the Delaware River watershed. Lake Erie fish and benthic macroinvertebrate sampling.

Adjunct Faculty Positions

2011 – Current. Associate Graduate Faculty, Biology Department, Texas Christian University (TCU), Fort Worth Texas. Served on the graduate committee of 2 MS students.

2013 – 2014. Adjunct Professor, Graduate Program, Biology Department, University of Texas at El Paso. Served on the graduate committee of 1 MS student.

HONORS AND AWARDS FOR TEACHING

College of Arts and Sciences Teaching Excellence Award 2014

Charn Uswachode International Development Fund Award to James Kennedy, David Taylor and Melinda Levine. Funds for the development of a Study Abroad Class: Environmental Sustainability in Cuba.

University Distinguished Teaching Professor named Spring 2010

Fulbright Scholar, Senior Specialist Program. August – October 2009. University of Magallanes, Punta Arenas, Chile. To teach in the graduate program and develop dual degree masters program between the University of North Texas and the University of Magallanes.

***Discover the Power of Ideas*, Presidents Report 2007** to the UNT Board of Regents.

Interdisciplinary class exercise commemorating the 50th anniversary of John Graves' trip, that lead to the book *Goodbye to a River* (a sentinel book that lead to the conservation of the Brazos River) between my students in BIOL 5040 Contemporary Topics in Environmental Science and Ecology class and Dr. David Taylor's ENGL 3160 Introduction to Creative Non-Fiction was highlighted in Dr. G. Bataille's Presidents

report to the UNT Board of Regents. Spring 2008

Lorax Society, 2nd recipient of *I speak for the trees and the semi-periodical reading of the Lorax*. The Lorax society is made up of graduate students in the UNT's Environmental Programs which include Environmental Science, Philosophy and Environmental Ethics, and Environmental Journalism, and the Department of Geography. Each year students in the program elect one instructor in the program is chosen to read the Lorax. May 2007.

Charn Uswachode International Development Fund Award for efforts developing education links between environmental educators in Ciudad Guzman Mexico and Dallas/Ft Worth Teachers. 2001

WHO'S WHO Among America's Teachers, Student nominated honor, Fall 1994.

Student Association Honor Professor, UNT Student Association, April 1992

Top Professor, UNT Mortar Board Senior Honor Society, February 1992.

OTHER PROFESSIONAL ACTIVITIES

NSF Review Panel # P130380 November 2012

Committee to develop a National Data Manifesto for Research Data Management Invited member. 22 May 2012. 3rd Annual Symposium on Open Access. Gateway Center, university of North Texas, Denton, Texas.

Associate Editor, Invertebrates. Southwestern Naturalist. May 2010 – January 2013.

Science Advisory Board Dallas Arboretum Rory Meyers Children's Adventure Garden. Appointed December 2010 – 2013.

External Reviewer for the Environmental Science Graduate Program at Tennessee Technological University, Cookeville, Tennessee Spring 2010.

Appointment to the OSARA (Omara Sub-Antarctic Research Alliance) advisory board in November 2007 - 2012.

Invited participant International Workshop: Integrating Ecological Science and Environmental Ethics: New approaches to Conserving Frontier Ecosystems. Patagonia Region, Chile, March 15 – 24 2007. Institute of Ecology and Biodiversity – Chile OMORA Foundation and University of North Texas.

Peer Reviewer for the U.S. EPA, Fellowships in Aquatic Sciences and Ecosystems. Review of applications submitted to the 2005 EPA Science to Achieve Results (STAR) Graduate Student Fellowship. 1996, 1998, 1999, 2000, 2002, 2003, 2005 at Washington, D.C.

National Science Foundation proposal reviewer continuously 2000 - 2012

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

External Reviewer for Faculty Promotion

2005 University of Texas, The School of Biological Sciences. Outside reviewer for promotion of faculty.

2001 Auburn University, Department of Fisheries and Allied Aquacultures. Outside reviewer for promotion of faculty.

Program Committee for the XV International Symposium for Chironomidae. University of Minnesota, 11 - 15 August 2003.

Guest Editor Southeastern Naturalist, 2002, 2004, 2005

Invited participant for the Texas Ecoregional Planning for the Bandera Canyonlands. The Nature Conservancy of Texas. Broken Bone Ranch, Medina Texas 9 - 10 January 2002.

Co-organizer and host for the TNRCC Biological Training Event for state biologists held at the University of North Texas 10 -12 January 2001.

Doctoral Examination Committee, University of Technology, Sydney Australia. Invited outside committee member Grant Hose's doctoral examination committee. Title of the dissertation: The effect of endosulfan on macroinvertebrate communities in artificial streams. 2000.

Invited Panelist, The Nature Conservancy of Texas, Ecoregional-Planning Workshop for protection of aquatic species and habitats. Mo-Ranch, Kerrville, Texas, 9 - 10 November 2000.

Workshop on Community Level Aquatic System Studies Interpretation Criteria. Invited participant and Session Chair This workshop was held under the auspices of the OECD and European Commission, German Federal Ministry for Environment, Nature Conservation and Nuclear Safety, the German Federal Environment, Nature Conservation and nuclear Safety, the German Federal Environmental Agency (Umweltbundesamt), and the Federal Biological Research Centre for Agriculture and Forestry (BBA, Biologisches Bundesanstalt für Land und Forstwirtschaft). The purpose of the workshop was to develop guidelines that will be incorporated into the European risk assessment paradigm for registration of pesticides in Europe. The invitation to chair a session comprised of internationally recognized experts from Europe and North America was a distinct honor. The workshop took place in Schmallingenberg Germany, 30 May - 2 June 1999.

OECD/EU/SETAC-Europe: Higher Tier Aquatic Risk Assessment for Pesticides. Invited panelist A workshop with invited internationally recognized experts from Europe and North America. The forum was to develop policy that will be incorporated in the risk assessment process for registration of pesticides in Europe. Bordeaux, France 20 - 22 April 1998.

Organizer and Moderator, Formal Conference on Aquatic Insects, 1997. Entomological Society of America Annual Meeting, Nashville, Tennessee.

Editorial Board of Environmental Toxicology and Chemistry ... Elected to a 3 year term (1994 - 1997).

Co-Chairman Simulated Ecosystems, Scale and Complexity. 15th Annual Meeting of The Society of Environmental Toxicology and Chemistry, November 1994. Denver, Colorado.

Invited Participant A Watershed Approach to Ecological Risk Assessment A Workshop. January 18 -21, 1994. Savannah, Georgia. Sponsored by the U.S. Environmental Protection Agency and Clemson University. Objective to bring together scientists with expertise to define the state-of-the-art in watershed level ecological risk assessment. Goal to define research needs for watershed-level ecological risk assessment.

Scientific Review Panel, invited member. Purpose was to review the status and trends of the research program of the U.S. Environmental Protection Agency Ecological Monitoring Research Division and its three branches: (1) Cellular & Biochemical Markers; (2) Bioassessment and Ecotoxicology; (3) Physiological and Clinical Indicators. Cincinnati, Ohio September 1994.

Scientific Committee to organize and develop the scientific program for the 74th Table Ronde Roussel-Uclaf "Effects of Pesticides on Aquatic Organisms". December 1992, Paris, France.

European Workshop on Freshwater Field Tests (EWOFFT), Invited Participant. June 25-26, 1992. Potsdam, Germany.

SETAC/World Wildlife Conservation Foundation Microcosm Workshop, Sweetbriar, West Virginia - October 1991

Biological Criteria: Research and Regulation. Invited Participant. Convened by U.S. Environmental Protection Agency. December 12-13, 1990. Washington, D.C.

Formal Conference Aquatic Insects, The Past 25 Years of American Entomology, Moderator Submitted Paper Session. Entomological Society of America, 9 Dec. 1991, Reno, Nevada.

Utilization of Simulated Field Studies in Ecological Risk Assessment. Co-organizer and co-

chairman. Society of Environmental Toxicology and Chemistry Eleventh Annual Meeting, Nov.11-15, 1990. Crystal City, Arlington, Virginia.

Aquatic Effects Dialogue Group. Invited participant - Convened by Conservation Foundation/ World Wildlife Federation to discuss aquatic ecological effect concerns as they relate to pesticides. Approximate monthly meetings Feb. 1990 - April 1991, Washington, D.C.

Biological Criteria : Diagnosis and Remediation Strategies. Invited participant - Convened by U.S. Environmental Protection Agency. Minneapolis, Minnesota. September 7-8, 1989.

Grant reviewer - Environmental Protection Agency Research Proposals

PROFESSIONAL ORGANIZATIONS

American Entomological Society (life member)
American Fisheries Society
American Mosquito Control Association
The International Biogeography Society
Coleopterist Society
Ecological Society of America
Entomological Society of America
Entomological Society of Washington
North American Benthological Society
Sigma Xi (life member)
Southwestern Association of Naturalists (life member)
The International Biogeography Society

PUBLICATIONS –Peer Reviewed Journal Articles

All are peer-reviewed articles unless noted. Multi-authored papers presenting the results of collaborative research. Books and Book Chapters listed in sections that follow.

- Williams, E., Chumchal, M.M., Drenner, Kennedy, J.H. Accepted. Seasonality of Odonate-Mediated Methyl Mercury flux from Permanent and Semi-Permanent Ponds and Potential Risk to Red-Winged Blackbirds (*Agelaius phoeniceus*). Environmental Toxicology and Chemistry. Accepted 1 May 2017).
- Chumchal, M.M., Drenner, R.W., Greenhill, F., Kennedy, J.H. Courville, A., and Lossau, L. 2017. Recovery of Aquatic Insect-Mediated Methylmercury Flux from Ponds Following Drying Disturbance. Environmental Toxicology and Chemistry. 36(8):1986-1990.
- Beckham, J., Warriner, M.D., Atkinson, S.F., and Kennedy, J.H. 2016. The Persistence of Bumble Bees (Hymenoptera: Apidae) in Northeastern Texas. Proceedings of the Entomological Society of Washington. 118(4):481-497. doi: <http://dx.doi.org/10.4289/0013-8797.118.4.481>
- Carcamo, J. R., Contador, T., Crego, Ramiro, M., Jordan, N.I., Schuttler, E., Gannan, M., Jimenez, J., Rozzi, R. Massardo, F. and Kennedy, J.H. 2016. Primer registro de *Vespula vulgaris* (Linnaeus 1758) (Hymenoptera: Vespidae) en la isla Navarino, Chile. Gayana 80(1):133-136.
- Schad, A.N. Kennedy, J.H. and Dick, G.O. 2016. Secondary production and seasonal development of epiphytic *Enallagma civile* Hagen, 1861 (Odonata: Coenagrionidae) in a newly constructed urban wetland floodway ecosystem. Aquatic Insects – An International Journal Freshwater Entomology. 37 (2): 159-173.
- Perry, H.A. and Kennedy, J.H. 2016. The life history and contributions to the ecology of *Camelobaetis variabilis* (Ephemeroptera: Baetidae) from Honey Creek, Oklahoma. Annals of the Entomological Society of America. 109(5):744-752. DOI: <http://dx.doi.org/10.1093/aesa/saw048>
- Contador, T.A., Kennedy, J.H. (2016). The life histories of *Meridialaris chiloeensis* (Demoulin) (Ephemeroptera: Leptophlebiidae) and *Gigantodax rufescens* (Diptera: Simuliidae) on a Magallanic sub-Antarctic island (55oS). Aquatic Insects – An International Journal Freshwater Entomology. 37(2): 145-158
- Contador, T.A, Kennedy, J.H. , Rozzi, R., Ojeda, J. (2015). Sharp altitudinal gradients in Magallanic sub-Antarctic streams: thermal patterns and benthic macroinvertebrate communities along a fluvial system in the Cape Horn Biosphere Reserve. Polar Biology 38(11):1853-1866.
- Randklev, C. R., Ford, N., Wolverton, S., Kennedy, J.H., Robertson, C., Mayes, K., and Ford, D. 2015. Freshwater mussels (Family Unionidae) in the Sabine River basin: A case study of the effects of impoundments on downstream mussel communities. Hydrobiologia 770: 279-292.
- Contador, T., J. Kennedy, J. Ojeda, P. Feinsinger & R. Rozzi. 2014. Ciclos de vida de insectos dulceacuícolas y cambio climático global en la ecorregión subantártica de Magallanes: investigaciones ecológicas a largo plazo en el Parque Etnobotánico Omora, Reserva de Biosfera Cabo de Hornos (55°S). *Bosque*: 35(3): 429-437
- Mabe, J. and Kennedy, J.H. 2014. Habitat conditions associated with a reproducing population of the critically endangered freshwater mussel *Quadrula mitchelli* in Central Texas. Southwestern Naturalist. 59 (2): 297-30
- Burke, R. and Kennedy, J.H. 2013. Invertebrate communities of groundwater-dependent refugia

- with varying hydrology and riparian cover during a supra-seasonal drought. *Journal of Freshwater Ecology* 28(2): 251-270.
- Mabe, J.A., and J.H. Kennedy. 2013. Discovery of a reproducing population of the critically endangered freshwater mussel, *Quadrula mitchelli*, in central Texas. *Ellipsaria* 15:23-25.
- Tweedy, B.N., Drenner, R.W., Chumchal, M.M. and Kennedy, J.H. 2013. Effects of fish on emergent insect-mediated flux of methyl mercury across a gradient of contamination. *Environmental Science and Technology*, 47: 1614-1619.
- Ojeda J, T Contador, Y Medina, JC Pizarro, R Molina, A Mansilla, JH Kennedy, F Massardo & R Rozzi. (2013). Ecoturismo con lupa para apreciar la biodiversidad subantártica en la Reserva de Biósfera Cabo de Hornos. *Ciencia en el Austro* 6: 51-66.
- Contador, T., Kennedy, J.H. and Rozzi, R.J. 2012. The conservation status of South American aquatic insects in the literature. *Biodiversity and Conservation*. 21(8), 2095-2107.
- Rozzi, R., J. Armesto, J. Gutierrez, C. Anderson, F. Massardo, G. Likens, A. Poole, K. Moses, E. Hargrove, A. Mansilla, J. Kennedy, M. Willson, K. Jax, C. Jones, J.B. Callicott & M. Arroyo. 2012. Integrating ecology and environmental ethics: Earth stewardship in the southern end of the Americas. *Bioscience* 62(3): 226 - 236.
- Wolverton, S., Nagaoka, L., Pinliang, D. and Kennedy, J. 2012. On Behavioral Depression in Deer. *Journal of Archaeological Method Theory*. 9:462-489
- Simanonok, M, Anderson, C.B., Guillermo M. P., Lencinas M. V., Kennedy, J. H. 2011. A comparison of impacts from silviculture practices and North American beaver invasion on stream benthic macroinvertebrate community structure and function in *Nothofagus* forests of Tierra del Fuego. *Forest Ecology and Management* 262(2): 263-269
- Harms, N. Grodowitz, M. and Kennedy, J.H. 2011. Insect Herbivores of Water Star grass (*Heteranthera dubia*) in the U.S. *Journal of Freshwater Ecology* 26: 185-194.
- Slye, J., J. H. Kennedy, Johnson, D, Atkinson, S.F., Dyer, S.D., Ciarlo, M, Stanton, K., Sanderson, H, Nielsen, A.M., Price, B.B. 2011. Relationships between benthic macroinvertebrate community structure with geospatial, habitat, in-stream water chemistry, and surfactants in the effluent dominated Texas Trinity River. *Environmental Toxicology and Chemistry*. 30(5): 1127-1138.
- Stephenson, J. M. and Kennedy, J.H. 2010. Finding the Best Measures of Chironomid Community Response to Disturbance in the Upper Trinity River Basin, North Central Texas, pp. 174-183. In: Ferrington, L. C. Jr. (ed.) *Proceedings of the XV International Symposium on Chironomidae*. University of Minnesota Saint Paul, Minnesota 385 pp + viii.
- Rozzi, R., Anderson, R. B., Pizarro, J. C., Massardo, F., Medina, Y., Mansilla, A., Kennedy, J. H., Ojeda, J., Contador, T., Morales, V., Moses, K., Poole, A., Armesto, J. and Kalin, M.T. 2010. Field environmental philosophy and biocultural conservation at the Omora Ethnobotanical Park: Methodological approaches to broaden the ways of integrating the social component ("S") in Long-Term Socio-Ecological Research (LTSER) Sites. *Revista Chilena de Historia Natural* 83: 27-68.
- Randklev, C.R., Wolverton, S., Lundeen, B.J., and Kennedy, J.H. 2010. A Paleozoological perspective on unionid (Family: Unionidae) zoogeography in the Trinity River, Texas. *Ecological Applications*, 20(8): 2359-2368.
- Curry, C. and Kennedy, J.H. 2010. Factors affecting interaction rates of *Plathemis lydia* (Odonata: Libellulidae). *Odonatologica*, 39(1): 39-46
- Randklev, C.R., Lundeen, B.J., and Kennedy, J.H. (2010). Habitat preference and first account of

- a living population of Texas fawnsfoot, *Truncilla macrodon* (Bivalvia: Unionidae).[Lea, 1859] in the Brazos River, Texas. *Southwestern Naturalist*, 55(2):297-298.
- Wolverton, S., Randklev, C.R. and Kennedy, J.H. 2010. A conceptual model for freshwater mussel (family Unionidae) remain preservation in zooarchaeological assembly. *Journal of Archaeological Science* 37: 164-173.
- Wolverton, S., Huston, M., Kennedy, J. H., Cagle, K. and Cornelius, J.D. 2009. Conformation to Bergmann's Rule in White-tailed Deer can be explained by Food Availability. *American Midland Naturalist* 162:403-417.
- Wolverton, S., Lyman, R.L., Kennedy, J.H. and La Point T. 2009. The Terminal Pleistocene extinction in North America and the Dynamic Equilibrium Model. *Journal of Ethnobiology* 29(1):28-63.
- Randklev, C.R. Wolverton, S. and Kennedy, J.H. 2009. A biometric technique for assessing prehistoric freshwater mussel population dynamics (Family: Unionidae) in north Texas. *Journal of Archaeological Science*. 36: 205 – 213.
- Johnson, D.R., Atkinson, S.F., Venables, B.J., Slye, J. Kennedy, J.H., Dyer, S.D., Price, B.B., Cairlo, Stanton, K., Sanderson, H. and Nielsen. 2009. Use of watershed factors to predict consumer surfactant risk, water quality, and habitat quality in the upper Trinity River, Texas. *Science of the Total Environment* 407(13): 4028-4037.
- Cortemeglia, C., Beitinger, T.L. and Kennedy, J.H. 2008. Field Confirmation of Laboratory-Determined Lower Temperature Tolerance of Transgenic and Wildtype Zebra Danios, *Danio rerio*. *American Midland Naturalist* 160: 477 – 479.
- Mahendra, M. and Kennedy, J.H. 2008. Artificial Substrate Transfer Technique to Detect Impact of Urbanization on Colonized Macroinvertebrates from a Minimally Impacted Stream. *Journal of Freshwater Ecology* 23(2): 205-212.
- Mahendra, M. and Kennedy, J.H. 2008. A Field Experimental Approach to Detect Urban Impacts on *Erptogompus designatus* (Gomphidae) Dragonfly Larvae. *Odonatologia* 37(1): 13-28.
- Wolverton, S., Kennedy, J.H. and Cornelius, J.D. 2007. A Paleozoological persepective on White-tailed deer (*Odocoileus virginianus texana*) population density and body size in central Texas. *Environmental Management* 39(4):545 – 252.
- Lenz, J. Grodowitz, M and Kennedy, J.H. 2007. A Physiological Age-Grading System for Female *Hydrellia pakistanae* Deonier (Diptera: Ephydriidae). *Biological Control* 4(2): 119-128.
- Taylor, J.M. and Kennedy, J.H. 2006. Life History and Secondary Production of *Caenis latipennis* (Ephemeroptera: Caenidae) Banks in Honey Creek, OK. *Annals of the Entomological Society of America*. 99(5): 821 -830.
- Bolling, B.G., Kennedy, J.H. and Zimmerman, E.C. 2005. Seasonal Dynamics of Four Potential West Nile Vector Species in North Central Texas. *Journal of Vector Ecology*. 30 (2): 186 -191.
- Wang, B. and Kennedy, J.H. 2004. Life History of *Mayatrichia 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. Measurements of Plant Surface Areas of Eurasian Watermilfoil and Water Stargrass. *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 333 - 338. *in* Research Update on Ephemeroptera and Plecoptera. Edited by Elda Gaino. Proceedings of the 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. *Journal of 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.
- Balci, P. and Kennedy, J.H. 2002. Larval Development Times for Six Species of Chironomidae under Different Temperature Regimes. *Entomological News* 113(1):23 - 28.
- Balci P, Kennedy, J.H. 2002. Secondary Production of *Apedilum elachistus* Townes (Diptera: Chironomidae) in Experimental Ponds. *Wetlands*. 4: 669-676.
- Kennedy, J.H., L.P. Ammann, L.P., W.T. Waller. 2001. Some Statistical Problems Associated with Biological Assessment - Implications and Solutions. AWRA. Annual Spring Specialty Conference Proceedings. Warwick, J.J. [Ed] Water Quality Monitoring and Modeling. AWRA, Middleburg, VA. TPS-01-1 284pp.
- Allen, H. J., W.T. Waller, J.H. Kennedy, K.L. Dickson, M.F. Acevedo and L.P. Ammann. 2001. Real-Time Whole Organisms Biomonitoring - Deployment, Status, and Future. AWRA. Annual Spring Specialty Conference Proceedings. Warwick, J.J. [Ed] Water Quality Monitoring and Modeling. AWRA. Middleburg, VA. TPS-01-1 284pp.
- Cook, R. E. and Kennedy, J. H. 2000. Biology and energetics of *Tropisternus lateralis nimbatus* (Say)(Coleoptera: Hydrophilidae) in a playa on the Southern High Plains of Texas. *Annals of the Entomological Society of America* 93(2):1-7.
- Baumgardner, D.E. and Kennedy, J.H. 1999. Biodiversity of Mayflies (Insecta: Ephemeroptera) of the Kiamichi River Watershed, Oklahoma. *Journal of the Kansas Entomological Society*. 72(3):273-281.
- Kennedy, J.H., Ammann, L.P., Waller, W.T., Warren, J.E., Hosmer, A.J. Cairns, S.H., Johnson, P.C. and Graney, R.L. 1999. Using Statistical Power to Optimize Sensitivity of Analysis of Variance Designs for Microcosms and Mesocosms. *Environmental Toxicology and Chemistry* 18 (2): 113 - 117.
- Johnson, Zane B., Riggs, Alisha, K., and Kennedy, James H. 1998. Microdistribution and Secondary Production of *Cyrnellus fraternus* (Trichoptera: Polycentropidae) from Snag Habitats in the Elm Fork of the Trinity River, Texas. *Annals of the Entomological Society of America* 91(5): 641-646.
- Kennedy, J. H., R. Cook, and G. M. Anderson. 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 J.H. Kennedy. 1998. Character Variability and a New Synonym of *Acerpenna pygmaea* (Ephemeroptera: Baetidae). *Entomological News* 109(4): 257 - 260.
- Johnson, Z.B. and J.H. Kennedy. 1997. Description of the pupa of *Cyrnellus fraternus* (Banks)

- (Trichoptera: Polycentropidae) with notes on variation in pupal case construction. *Entomological News* 108 (4):253-258.
- 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.
- Ammann, L.P., W.T. Waller, J.H. Kennedy, K.L. Dickson, F.L. Mayer, M. Lewis. 1997. Power, Sample Size and Taxonomic Sufficiency for Measures of Impacts in Aquatic Systems. *Environmental Toxicology and Chemistry* 16(11):2421-2431.
- Allen, H.J., W.T. Waller, M.F. Acevedo, E.L. Morgan, K.L. Dickson and J.H. Kennedy. 1996. Minimally Invasive Technique to Monitor Valve-Movement Behavior in Bivalves. *Environmental Technology* 17:501-507.
- Waltz, R. D., D. E. Baumgardner, and J. H. Kennedy. 1996. An atypical larval color form of *Baetis intercalaris* (Ephemeroptera: Baetidae) from Pennsylvania and the Kiamichi River basin of southeastern Oklahoma. *Entomological News* 107:83-87.
- Waller WT, Acevedo MF, Morgan EL, Dickson KL, Kennedy JH, Ammann LP, Allen HJ, Keating PR. 1995. Biological and chemical testing in stormwater. Proceedings of the stormwater NPDES related needs conference. Amer. Civil Engineering Foundation, New York, NY. pp 177-193.
- Heath, Susan, W.A. Bennett, J.H. Kennedy and T.L. Beiting. 1994. Heat and Cold Tolerance of the Fathead Minnow exposed to the Synthetic Pyrethroid Cyfluthrin. *Canadian Journal of Fisheries and Aquatic Sciences* 51: 437-440.
- Dewalt, R. E., S. R. Moulton, J.H. Kennedy and K.W. Stewart. 1994. Emergence and Ecology of Adult Stoneflies, Caddisflies and Mayflies from a Southern Colorado Second-order Stream. *Southwestern Naturalist* 39(3):249-256.
- Dickson, K.L., W.T. Waller, J.H. Kennedy and L.T. Ammann. 1992. Assessing Relationships between Effluent Toxicity, Ambient Toxicity and Aquatic Community Responses. *Env. Tox. and Chem.* 11:1307-1322.
- Smith, D. P., J. H. Kennedy and K. L. Dickson. 1991. An evaluation of a naidid oligochaete as a toxicity test organism. *Environ. Tox. and Chem.* 10: 1459-1465.
- Dickson, K.L., W.T. Waller, J.H. Kennedy, R.W. Arnold, and J.F. Hall. 1991. A water quality and ecological survey of the Trinity River. Proceedings of the 1990 Trinity River Symposium. How Healthy is the Trinity River? Biological and Water Quality Perspectives. Texas Water Resources Institute, Special Publication, Texas A&M University, College Station Texas.
- Waller, W.T., K.L. Dickson, J.H. Kennedy, R. Arnold, D. Hall, W.P. Desmond, J.T. Knight, and S.D. Dyer. 1991. Assessing ambient toxicity and effluent toxicity through the Use of biomonitoring. Proceedings of the 1990 Trinity River Symposium. How Healthy is the Trinity River? Biological and Water Quality Perspectives Texas Water Resources Institute, Special Publication, Texas A&M University, College Station Texas.
- Dickson, K.L., W.R. Arnold, W.T. Waller, J. H. Kennedy, J.F. Hall, and S.F. Atkinson. 1989. Methods and approaches for assessing the impacts of point source and nonpoint source pollution on water quality: The Trinity River, a case study. Proceedings of the 12th Applied Geography Conferences, State University of New York in Binghamton, New York, pp. 82-89.
- Hill, I.R., J.H. Kennedy and S.T. Hadfield. 1988. Assessment of the impact PP321 (Synthetic Pyrethroid) on aquatic ecosystem using 0.1-acre experiment ponds. Proceedings of the Brighton Conference, Brighton, England, pp. 309-318.
- Waltz, R.D., W.P. McCafferty and J.H. Kennedy. 1985. *Barbaetis*: A new genus of eastern

- Nearctic mayflies (Ephemeroptera: Baetidae). Great Lakes Ent. 18(4):161-165.
- Newbern, L.A., Webster, J.R., Benfield, E.F. and Kennedy, J.H. 1981. Organic matter transport in an Appalachian river in Virginia, U.S.A. Hydrobiologia 83:73-83.
- Kennedy, J.H. and White, H.B. 1979. The nymph of *Ophiogomphus howei* with notes on its ecology. Proceedings of the Entomological Society of Washington 81(1):64- 69.
- Kennedy, J. H. 1977. The occurrence of *Archilestes grandis* Rambur (Zygoptera: Lestidae) in Virginia. Entomological News 88(7):215-216.
- Polk, J. L., Kennedy, J. H., Potter, W. A. and Epler, J.H. 1976. The effects of flooding on populations of *Chironomus* Meigen (Diptera: Chironomidae) and *Limnodrilus* Claparede (Oligochaeta: Tubificidae) in the Susquehanna River in the vicinity of Three Mile Island, Pennsylvania. Proceedings of the Pennsylvania Academy of Science 50:91-95.

BOOKS

- Contador, T. Rosenfeld, S. Ojeda, J. and Kennedy, J. 2015. Historia natural de los invertebrados acuáticos del Cabo de Hornos. Explora CONICYT, Santiago, Chile. 201pp. ISBN: 978-956-358-448-6
- Contador, T., Kennedy, J.H., Fotografía: Arriagada, Gonzalo. 2014. Habitantes sumergidos bajo los ríos de Cabo de Hornos Underwater inhabitants of the rivers of Cape Horn. © de esta edición, Universidad de Magallanes, Chile, 2014. Primera edición: Octubre 2014. 96 pp. ISBN: 978-956-358-063-1
- Contador, T, Carbullanca, A. N., Kennedy, J.H., Rozzi, R. and Massardo, F. 2012. Underwater with a Hand Lens in the Rivers of Cape Horn. Corporacion de Fomento de la Produccion (Innova-CORFO). 29 pp (Editions in Spanish and English).
- Ojeda, J., T. Contador, S. Rosenfeld, C. B. Anderson, A. Mansilla & J. H. Kennedy. 2010. Guia para la Identificacion de Invertebrados Marinos y Dulceacuicolas de la Rserva de Biosfera Cabo de Hornos, Chile. 80 pp. ISBN 187154
- Graney R., J.H. Kennedy and R.H. Rodgers (Editors). 1994. Aquatic Mesocosm Studies in Ecological Risk Assessment. CRC Press, Inc Lewis Publishers. 723p. (R)

BOOK CHAPTER (PEER REVIEWED):

- Gañán Mora, M., Contador, T.A., Kennedy, J.H. 2015. La vida en los extremos: el uso de SIG para estudiar la distribución de la mosca antártica alada, *Parochlus steinenii* (Diptera: Chironomidae), en las Islas Shetland del Sur (Antártica marítima). *IV* de la Riva, J., Ibarra, P., Montorio, R., Rodrigues, M. (Eds.) 2015 Análisis espacial y representación geográfica: innovación y aplicación: 1599-1608, Universidad de Zaragoza-AGE.
- Contador T, R Rozzi, R Molina, A Stambuk, J Kennedy & F Massardo. (2013). Underwater with a hand lens under the rivers of Cape Horn. In: Davis E, S Murcia & CB Anderson (editors) "Thematic outreach atlas for Navarino Island and surroundings". 99 pp. ISBN 978-956-353-500-6.
- La Point, T.W., Kennedy, J.H., Stanley, J.K. and Balci, P. 2008. Aquatic Ecosystems for Ecotoxicological Research: Considerations in Design Analysis for Fish. Pp 729 – 752. In: The Toxicology of Fish, Di Giulio, R.T. and Hinton, T.E. (Editors), CRC Press, Boca Raton, Florida. 1072 pp

- Kennedy, J.H. T.W. LaPoint, Balci, P., Johnson, Z. and Stanley, J. 2002. Model Aquatic Ecosystems in Ecotoxicological Research: Considerations of Design, Implementation, and Analysis *In: Handbook of Ecotoxicology*. pp 45 - 75. R. Hoffman, B.A. Rattner, G.A. Burton, and J. Cairns (editors) Michigan: Lewis Publishers 1290 pp.
- Goven, A.J. and J.H. Kennedy. 1996. Environmental Pollution and Toxicity in Invertebrates: An Earthworm Model for immunotoxicology. *In: Advances in Comparative and Environmental Physiology*, E.L. Cooper (editor). Springer-Verlag, Berlin & Heidelberg. Pp. 169-211.
- Dickson, K.L., W.T. Waller, J.H. Kennedy, L.P. Ammann, R. Guinn, and T.J. Norberg-King. 1996. Relationships between effluent toxicity, ambient toxicity, and receiving system impacts: Trinity River dechlorination case study. Chapter 10 *In: Whole effluent toxicity testing: an evaluation of methods and prediction of receiving system impacts*. D.R. Grothe, K.L. Dickson, and D.K. Reed-Judkins editors. SETAC Pellston Workshop on Whole Effluent Toxicity. SETAC Press, Pensacola FL 340 p. (R)
- Kennedy, J. H., P.C. Johnson and Z. B. Johnson. 1995. Section IV. Multispecies Test Systems. The use of constructed or artificial ponds in simulated field studies. *In: Ecological Toxicity Testing, Scale, Complexity, and Relevance*. J. Cairns and B. R. Niederlehner (eds). Michigan: Lewis Publishers, pp. 149-167. (R)
- Waller, W.T., M.F. Acevedo, E.L. Morgan, K.L. Dickson, J.H. Kennedy, L.P. Ammann, H.J. Allen, and P.R. Keating. 1995. Biological and Chemical Testing in Storm Water. Proceedings of Stormwater NPDES Related Monitoring Needs. Engineering Foundation Conference, Crested Butte, CO. American Society of Civil Engineers, N.Y., N.Y. 676pp. (R)
- Kennedy, J.H., P.C. Johnson, and Z. Johnson. 1995. The Use of Surrogate Aquatic Ecosystems in Ecotoxicological Research. *In: Handbook of Ecotoxicology*. R. Hoffman (editor). Michigan: Lewis Publishers, pp 117 -162. (R)
- Kennedy, J.H., P.C. Johnson and Z. Johnson. 1994. Sampling and Analysis Strategies for Measuring Biological Effects in Microcosms and Mesocosms. *In: Freshwater Field Tests for Hazard Assessment of Chemicals*. I.R. Hill, F. Heimbach, P. Leeuwangh and P. Matthiessen (eds). Michigan: Lewis Publishers, pp. 159-181.
- Shaw, J. L., M. Moore, I.R. Hill, J.H. Kennedy. 1994. Design and Statistical Analysis of Field Aquatic Mesocosm Studies. *In: Ecological Risk Assessment*. R.L. Graney, J.H. Kennedy and R.H. Rodgers (eds), Special Publication of Society of Environmental Toxicology and Chemistry, Michigan: Lewis Publishers, pp 85 - 103.
- Hill, I.R., J.K. Sadler, J.H. Kennedy and P.E. Ekoniak. 1994. Lambda-Cyhalothrin: A Mesocosm Study of its Effects on Aquatic Organisms. *In: Ecological Risk Assessment*. R.L. Graney, J.H. Kennedy and R.H. Rodgers (eds), Special Publication of Society of Environmental Toxicology and Chemistry, Michigan: Lewis Publishers, pp 403 - 467.
- Morris, R.G., J.H. Kennedy, P.C. Johnson. 1994. Comparison of the Effects of the Pyrethroid Insecticide Cyfluthrin on Bluegill Sunfish in Microcosms and Mesocosms. *In: Ecological Risk Assessment*. R.L. Graney, J.H. Kennedy and R.H. Rodgers (eds), Special Publication of Society of Environmental Toxicology and Chemistry, Michigan: Lewis Publishers, pp 373 - 395. (R)
- Mayasich, J.M., J.H. Kennedy and J.S. O'Grodnick. 1994. Evaluation of the Effects of Tralomethrin on Aquatic Ecosystems on Aquatic Ecosystems. *In: Ecological Risk Assessment*. R.L. Graney, J.H. Kennedy and R.H. Rodgers (eds), Special Publication of

Society of Environmental Toxicology and Chemistry, Michigan: Lewis Publishers, pp 497 - 515.

Johnson, P.C., J.H. Kennedy, R.G. Morris, F.E. Hambleton and R.L. Graney. 1994. Fate and Effects of Cyfluthrin (Pyrethroid Insecticide) in Pond Mesocosms and Concrete Microcosms. *In: Ecological Risk Assessment*. R.L. Graney, J.H. Kennedy and R.H. Rodgers (eds), Special Publication of Society of Environmental Toxicology and Chemistry, Michigan: Lewis Publishers, pp 337 - 395. (R)

BOOK (EDITOR):

Graney R., J.H. Kennedy and R.H. Rodgers (Editors). 1994. Aquatic Mesocosm Studies in Ecological Risk Assessment. CRC Press, Inc. Lewis Publishers. 723p. (R)

BOOK (Field Guide)

Contador, T., Kennedy, J.H., Fotografía: Gonzalo. 2014. Arriagada Habitantes sumergidos bajo los ríos de Cabo de Hornos Underwater inhabitants of the rivers of Cape Horn. © de esta edición, Universidad de Magallanes, Chile, 2014. Primera edición: Octubre 2014. 96 pp. ISBN: 978-956-358-063-1

Contador, T, Carbullanca, A. N., Kennedy, J.H., Rozzi, R. and Massardo, F. 2012. Underwater with a Hand Lens in the Rivers of Cape Horn. Corporacion de Fomento de la Produccion (Innova-CORFO). 29 pp (Editions in Spanish and English).

Ojeda, J., T. Contador, S. Rosenfeld, C. B. Anderson, A. Mansilla & J. H. Kennedy. 2010. Guia para la Identificacion de Invertebrados Marinos y Dulceacuicolas de la Rserve de Biosphera Cabo de Hornos, Chile. 80 pp. ISBN 187154

SYMPOSIUM PROCEEDINGS

Kennedy, J.H. 1992. Measuring Fish Populations in Mesocosms. *In: Improving Aquatic Risk Assessment under FIFRA: Report of the Aquatic Effects Dialogue Group*, World Wildlife Fund, Washington D.C., pp.81-84.

Dickson, K. L., W. T. Waller, J. H. Kennedy, R. W. Arnold and J. F. Hall. 1990. A water quality and ecological survey of the Trinity River. *In: R. Jenson (editor). Proceedings of a Conference. How Healthy is the Trinity River?* Texas Water Resources Institute, Texas A&M, College Station, TX., pp 47-61.

Waller, W. T., K. L. Dickson, J. H. Kennedy, R. A. Arnold, D. Hall, W. P. Desmond, J. T. Knight and S.D. Dyer. 1990. Assessing ambient and effluent toxicity through the use of biomonitoring. *In: R. Jenson (editor). Proceedings of a Conference. How Healthy is the Trinity River?* Texas Water Resources Institute, Texas A&M, College Station, TX., pp 13-47.

BOOK REVIEW

Kennedy, J. H. 2009. Invertebrates of Central Texas Wetlands by Taber, S.W. and Fleenor, S.B.

- Annals of the Entomological Society of America. Annals of the Entomological Society of America 102(6):1165-1166.
- Kennedy, J.H. 2006. Dragonflies and Damselflies of Texas and the South-Central United States. J. C. Abbott. Journal of the North American Benthological Society 25: 531- 532.
- Kennedy, J.H. 1997. Damselflies of North America. M.J. Westfall and M.L. May. Journal of the North American Benthological Society 16(3): 722-724.

EDITORIAL

- Shaw, J.L. and J.H. Kennedy. 1996. The Use of Aquatic Field Mesocosm Studies in Risk Assessment. Environmental Toxicology and Chemistry 15(5):605-607.

INVITED PRESENTATIONS

- Kennedy, J.H., Contador, T.A. Rendoll, J., Gañán, M. and Rozzi, R. 2017. Aquatic insects in extreme environments: sentinels of climate change in the sub-Antarctic Magellanic ecoregion and Maritime Antarctica. *In* Arctic, Antarctic, Arctic, Antarctic, and Alpine Invertebrates: research from Earth's coldest and most rapidly changing environments. Entomological Society of America, 65th Annual Meeting, Denver, Colorado November 5-8, 2017
- CBS This Morning (August 2013) National Broadcast News Program NYC.** Interviewed regarding Zebra Mussels in Texas. <http://www.cbsnews.com/news/mussel-invaders-tiny-species-costing-billions-in-repairs/>
- Kennedy, J.H. 2013. Underwater with a Hand Lens in Rivers at the End (or Top) of the World. *In* **Aquatic Entomology for the Protection of Water Resources Symposium** Entomological Society of America, 61st Annual Meeting, Austin, Texas November 10-13, 2013
- Kennedy, J.H. 2013. Zen and Aquatic Ecology at the Top of the World. UNT Speaks Out on Water Conservation. 22 April UNT Library Forum. (Listed her because the symposium was in the evening and open to the general public).
- Kennedy, J.H., Gibbons, L.R. Wheeler, B., Lundeen, M. and Williams, S. 2009. The Elm Fork Natural Heritage Museum and Introductory Drawing Students: a cross-disciplinary learning experience. Foundations in Art: Theory and Education Biennial Conference 1 – 4 April, 2009, Portland, Oregon.
- Kennedy, J. H. 2008. Integrating sciences and outreach education: The UNT Elm Fork Education Center. Confronting Global Change with a Network of Socio-Ecological Research Sites in the South of the Americas International Workshop. Punta Arenas and Puerto Williams, Magallanes and Chilean Antarctic Region, Chile. June 8 – 13, 2008
- Kennedy, J.H. 2003. Fifty Years of Studying Freshwater Invertebrates in the Southwestern United States. What Have We Learned And Where Are We Going? A Symposium on 50 Years of Southwestern Biology. 50th Annual Meeting of the Southwestern Association of Naturalists. The University of Oklahoma, Norman, Oklahoma 16 – 18 April 2003. (Invited Presentation)
- Kennedy, J. and Balci, P. 2002. Comparison of chironomids and other macroinvertebrates associated with *Myriophyllum spicatum* and *Heteranthera dubia*. Presented at the North American Benthological Society 50th Annual Meeting. Pittsburgh, PA. (Invited Paper).
- Kennedy, J. H. Ammann, L. and Waller, W.T. 2000. A Review, Interpretation and Discussion of Results from Lentic Micro- and Mesocosm Studies. Third SETAC Europe World

- Congress, Brighton England. May 2000. Invited Paper.
- Kennedy, J.H. and R. E. Cook. 1996. Diversity Interaction and Conservation of Macroinvertebrates Inhabiting Southern High Plains Playa Lakes. International Association of Ecology s V (INTECOL) International Wetlands Conference. 22 - 28 September 1996, University of Western Australia, Perth. Invited Paper.
- Kennedy, J.H., Larry P. Ammann, William T. Waller, James E. Warren, Alan J. Hosmer, Stefan H. Cairns, Phillip C. Johnson, and Robert L. Graney. 1996. Designed Experiments with Mesocosms and Microcosms. Multivariate Statistical Analysis in Ecotoxicological Field Studies. 17th Annual Meeting SETAC. 17-21 November 1996, Washington D.C. Invited Paper.
- Kennedy, J.H. 1995. Biodiversity and Adaptations of Insects inhabiting Playa Lakes. Formal Conference on Aquatic Insects. Entomological Society of America Las Vegas Nevada. Invited Paper.
- Kennedy, J.H. 1994. Non-target Impacts of Agricultural on Aquatic Ecosystems. Dallas Chapter of the American Register of Professional Entomologists. Invited Seminar
- Kennedy, J.H. 1993. Assessing the Hazards of Pesticides with Field Studies. American Chemical Society (Southwest). Southern Methodist University. Invited Seminar.
- Kennedy, J.H. 1992. Tools for Assessing The Hazards of Pesticides On Aquatic Ecosystems. Technical University of Aachen, Dept. Biology, Aachen, Germany. Einladung zum Okotoxikologischen Kolloquium. Invited Lecture.
- Kennedy, J.H., P.C. Johnson and Z. Johnson. 1992. Sampling and Analysis Strategies for Measuring Biological Effects in Simulated Aquatic Ecosystems. European Workshop on Freshwater Field Tests (EWOFFT), June 25-26, Potsdam, Germany. Invited Presentation.
- Hill, I.R., Sadler, J.K., J.H. Kennedy and P. Ekoniak. 1992. Lambda-cyhalothrin: a Mesocosm Study of its Effects on Aquatic Organisms. European Workshop on Freshwater Field Tests (EWOFFT), June 25-26, Potsdam, Germany. Invited Presentation.
- Kennedy, J.H. 1991. Communication in Mayflies. Formal Conference Aquatic Insects, The Past 25 Years of American Aquatic Entomology, Invited Paper Session. Entomological Society of America, 9 Dec. 1991, Reno, Nevada. Invited Presentation.
- Kennedy, J.H., P.C. Johnson, R.G. Morris, J.B. Moring and F.E. Hambleton. 1991. Case History: Microcosm Research at the University of North Texas. SETAC Education Foundation Microcosm Workshop, Wintergreen, VA, October 6-11, 1991. Invited Presentation.
- Farmer, D., J.H. Kennedy and I.R. Hill. 1991. A comparison of two mesocosm studies designed to study the fate and effects of lambda-cyhalothrin in aquatic environments. Society of Toxicology and Chemistry Europe, Founding Conference. 7 - 10 April, University of Sheffield, Sheffield, England. Invited Presentation.
- Hill, I.R., Sadler, J.K., J.H. Kennedy and P. Ekoniak. Lambda-cyhalothrin: a Mesocosm Study of its Effects on Aquatic Organisms. European Workshop on Freshwater Field Tests (EWOFFT), June 25-26, Potsdam, Germany. Invited Presentation.
- Kennedy, J. H., P.C. Johnson and Z. Johnson. 1992. Sampling and Analysis Strategies for Measuring Biological Effects in Simulated Aquatic Ecosystems. European Workshop on Freshwater Field Tests (EWOFFT), June 25-26, Potsdam, Germany. Invited Presentation.
- Kennedy, J.H., K. L. Dickson, W.T. Waller, R.W. Arnold and J.F. Hall. 1990. Relationships among Water and Sediment Contamination, Toxicity and Community Responses in Trinity River, Texas. Biological Criteria: Research and Regulation Symposium.

- Sponsored by Office of Water U.S. Environmental Protection Agency. December 12-13, 1990. Invited Presentation.
- Kennedy, J.H. 1990. Structure and Function of Freshwater Ecosystems After Exposure to Pyrethroid Insecticides. Formal Conference on Aquatic Insects. Entomological Society of America 37th Annual Meeting. Dec. 2-6, New Orleans, Louisiana. Invited Presentation.
- Rodgers, J.H., J.H. Kennedy, J.F. Hall and B.C. Suedel. 1988. Test methods for sediment toxicity using freshwater organisms. The Coastal Society Eleventh National Conference. Oct. 23-26 Boston, Mass. Invited Presentation.
- Kennedy, J.H. and E.F. Benfield. 1979. Aquatic insect drift dynamics in an Appalachian River. Ecology of Aquatic Insect Symposium at the Fifty-first Annual Meeting of Eastern Branch Entomological Society of America. September 26-28, Hershey, Pennsylvania. Invited Presentation.

PRESENTATIONS- Contributed

- Chumchal, M, Drenner, R, Greenhill, F, Kennedy J., Courville, A., Gober, C. and Lossau, L. 2017. Recovery of Aquatic Insect-Mediated Methylmercury Flux From Ponds Following Drying Disturbance. 13th International Conference on Mercury as a Global Pollutant, 16-21 July 2017. Providence, Rhode Island
- Ortega-Rodriguez, C., Chumchal, M., Drenner, R, Kennedy, J., Lauck, K., Polk, K., Hall, M., Barst, B., Santa Rios, A., Basu, N..2017. 2017. Mercury and Stable Isotopes of Nitrogen Reveal An Aquatic Diet for Seven Taxa of Shore line Spiders. 13th International Conference on Mercury as a Global Pollutant, 16-21 July 2017. Providence, Rhode Island
- Berchez, F. Contador, T., Massardo, F. Ghilardi-Lopes, N., Schwindt, E., Leite, K. Caballero, P. Rendoll, R., Ojeda, J., Mansilla, A. Kennedy, J., Jiménez, J., Rozzi, R. 2016. Ecology, education, and conservation in tropical and sub-Antarctic protected areas of South America. VIII Southern Connection Congress 18-23 January 2016, Punta Arenas, Chile
- Contador, T., Kennedy, J., Gañan, M., Rozzi, R., Rendoll, R., Arriagada, G. 2016. A long-lived life in the southern pole: phenology, distribution, and thermal limits of *Parochlus steinenii* across the sub-Antarctic and the Antarctic. VIII Southern Connection Congress 18-23 January 2016, Punta Arenas, Chile
- Rendoll Cárcamo, J., Contador, T. Rozzi, R., Kennedy, J, Gañán, M., Saldivia, F., Neira, A., Arriagada, G. 2016. Preliminary results on the assemblage composition of freshwater macroinvertebrates associated with an altitudinal lagoon gradient on Navarino Island, Chile. VIII Southern Connections Congress, 18-23 January 2016, Punta Arenas, Chile
- Contador, T. A, and Kennedy, J.H. 2015. Living in extremes: Distribution and Thermal Tolerances of *Parochlus steinenii* (Diptera: Chironomidae) in South Shetland Islands, Antarctica and Sub-Antarctica Region of Chile. Society of Freshwater Science Milwaukee, Wisconsin, USA, May 17-21 2015
- Contador, T. S. Castillo, J. Kennedy & R. Rozzi. 2014. Living in the extremes: distribution and upper thermal tolerances of *Parochlus steinenii* (Diptera: Chironomidae: Podonominae) in the South Shetland Islands, Antarctica and sub-Antarctic Navarino Island (55oS), Chile. XXXIII SCAR Biennial Meeting and Open Science Conference, Auckland New Zealand, August 23 – September 3, 2014.
- Rozzi, R., J.H. Kennedy, T. Contador, A. Piñeiro, O. Barroso, R. Rijal & J.E. Jimenez. 2014.

- Diet of the Passerine Assemblage in the Southernmost Forests of the World. 26th International Ornithological Congress, Tokyo, Japan, August 18-25, 2014.
- Contador, T., J. Kennedy, J. Ojeda, P. Feinsinger & R. Rozzi. 2013. Ciclos de vida de insectos dulceacuícolas y cambio climático global en la ecorregión subantártica de Magallanes: investigaciones ecológicas a largo plazo en el Parque Etnobotánico Omora, Reserva de Biosfera Cabo de Hornos (55°S). V Reunión Binacional Ecología, Puerto Varas, Chile, November 3-6, 2013.
- Beckham, J., Atkinson, S., Kennedy, J.H., and Mikler, R. 2013. Habitat utilization by bumble bees (*Bombus* spp.) in Denton County, Texas. Entomological Society of America, 61st Annual Meeting, Austin, Texas November 10-13, 2013. Best Student Poster
- Burk, R. and Kennedy, J.H. 2013. Recolonization and Alterations Of Aquatic Invertebrate Communities From Perennial and Intermittent Stream Sites Following Two Extreme Droughts Over 7 Years. American Fisheries Society 2013 Meeting. 143rd annual meeting Little Rock Arkansas
- Tweedy, B. N.; Drenner, R. W.; Chumchal, M. M.; Kennedy, J. H. 2013. MeHg concentrations in a terrestrial spider, the long-jawed orb weaver (*Tetragnatha* sp.) are correlated with MeHg flux in emergent insects. The 11th International Conference on Mercury as a Global Pollutant. 28 July – 2 August. Edinburgh, Scotland.
- Beckham, J., Atkinson, S., Mikler, A., and Kennedy, J.H. 2013. Utilization of urban green spaces by bumble bees (*Bombus* spp.) in North Texas. Society of Ethnobiology 37th conference, Denton, Texas.
- Contador, T., Y. Medina, J. Ojeda, M. Mendez, K. Moses, P. Caballero, F. Massardo, A. Mansilla, L. Cavieres, E. Hargrove, J. Jimenez, J. Kennedy, A. Poole, and R. Rozzi. 2013. Field Environmental Philosophy: integrating ecological sciences and ethics into biocultural education and conservation. 36th Annual Conference of the Society of Ethnobiology, Denton, Texas.
- Mabe, J.A., Kennedy, J.H. and Jimenez, J. 2013. Introduced Muskrats (*Ondatra zibethicus*) on Navarino Island, Cape Horn, Chile: Physical Signs, Habitat Associations, and Interactions with Introduced Beaver (*Castor canadensis*). 36th Annual Conference of the Society of Ethnobiology, Denton, Texas.
- Burk, R. A. and J. H. Kennedy. January 2013. Recolonization and trophic ecology of aquatic invertebrates in a perennial headwater and intermittent stream site following a supra-seasonal drought. American Fisheries Society Annual Meeting of the Arkansas Chapter. USFWS Field Office, Conway, AR.
- Burk, R. A. and J. H. Kennedy. October 2012.. Chironomidae (Diptera) community composition and emergence phenologies from perennial and intermittent stream sites during an extreme drought. Great Plains Limnology Conference. University of Arkansas, Fayetteville, AR.

- Burk, R. A. and J. H. Kennedy. January 2013. Recolonization of aquatic invertebrates following an extreme drought in a perennial stream and life history attributes of species restricted to lotic habitats. Society for Freshwater Science 60th Annual meeting, Louisville, Kentucky
- Hammontree, S.E., Mabe, J.A. and Kennedy, J.H. 2012. An analysis of habitat requirements of the golden orb mussel (*Quadrula aurea*) for conservation purposes. Society for Freshwater Science 60th Annual meeting, Louisville, Kentucky
- Paul, J. S., Kennedy, J. H. 2012. Influence of Wastewater on the life history and Secondary Production of *Cheumatopsyche lasia* (Trichoptera: Hydropsychidae) in an Urban Prairie Stream. Society for Freshwater Science 60th Annual meeting, Louisville, Kentucky.
- Contador, T., R. Rozzi, J. Kennedy & B. Troncoso. 2012. Sumergidos con Lupa: Filosofía Ambiental de Campo en la educación y el ecoturismo del Parque Etnobotánico Omora, Chile (55°S). XIX Reunión Anual de la SOCECOL & XXII Reunión Anual Sociedad de Biología de Chile, Universidad de Concepción, Concepción, October 6 -9, 2012.
- Contador, T., J. Kennedy, R. Rozzi, F. Massardo, R. Molina, A. Stambuk, C. Anderson, J. Ojeda Y. Medina, C. Pizarro, K. Moses, L. Marticorena, F. Olivares, C. Saavedra & F. Leyton. 2011. Aquatic Invertebrates of the southernmost watersheds of the Americas: Field environmental philosophy at the Omora Ethnobotanical Park, Chile (55°S). 96th Ecological Society of America Annual Meeting "Earth Stewardship: Preserving and enhancing the earth's life-support systems," Austin, Texas, August 6-12, 2011
- Contador, T.A. and Kennedy, J.H., Anderson, C.A. and Rozzi, R. 2011. The Macroinvertebrate Distribution Along the Altitudinal Gradient of a Sub-Antarctic Stream in the Cape Horne Biosphere Reserve, Chile (55° S) North American Benthological Society 59th Annual meeting, Providence Rhode Island. 22-26 May 2011.
- Contador, T.A. and Kennedy, J.H., Anderson, C.A. and Rozzi, R. 2011. The Macroinvertebrate Distribution Along the Altitudinal Gradient of a Sub-Antarctic Stream in the Cape Horne Biosphere Reserve, Chile (55° S) North American Benthological Society 59th Annual meeting, Providence Rhode Island. 22-26 May 2011.
- Paul, J.S. and Kennedy, J.H. 2011. Life History, Secondary Production, and Ecology of *Cheumatopsyche lasia* Ross (Trichoptera: Hydropsychidae) with Respect to a Wastewater Treatment Facility. 59th Annual meeting, Providence Rhode Island. 22-26 May 2011.
- Rudin, R. and Kennedy, J.H. 2010. Patch Dynamics of Hydrologically Distinct Refugia: Recolonization of Benthic Macroinvertebrates After a Record Drought in a Spring-fed Semi-Arid Landscape. Joint Meeting with ASLO & NABS 58th, Santa Fe, New Mexico, USA. 6-11 June 2010.
- Contador, T.A., Kennedy, J.H. Rozzi, R., Massardo, F., Molina, R. Stambuk, A., Anderson, C.B., Ojeda, J. *et al.* Aquatic Invertebrates of the southernmost watersheds of the Americas: Field environmental philosophy at the Omora Ethnobotanical Park, Chile (55°S). Ecological Society of America, Austin Texas, 7-12 August 2011.
- Paul, J.S. and Kennedy, J.H. Life and times of *Cheumatopsyche lasia* Ross (Trichoptera: Hydropsychidae) in an urban stream with respect to a municipal wastewater treatment facility. Ecological Society of America, Austin Texas, 7-12 August 2011.

- Simanonok, M.P., Anderson, C.B., Martínez-Pastur, P., Lencinas, M.V. and Kennedy, J.H. 2011 A comparison of impacts from silviculture and North American beaver invasion on sub-Antarctic stream benthic macroinvertebrate community structure and function. Ecological Society of America, Austin Texas, 7-12 August 2011.
- Contador, T.A. and Kennedy, J.H., Anderson, C.A. and Rozzi, R. 2011. The Macroinvertebrate Distribution Along the Altitudinal Gradient of a Sub-Antarctic Stream in the Cape Horne Biosphere Reserve, Chile (55° S) North American Benthological Society 59th Annual meeting, Providence Rhode Island. 22-26 May 2011.
- Rozzi, R., Wernli, C., and **Kennedy, J.H.**, 2011. *Bringing International Research and Education Partnerships to Scale. Research, editorial line and Education*. Session VII: Grand Challenges for Internationalization and Globalization of Higher Education. Association of Public and Land-grant Universities. Commission on International Programs. 2011 Summer Meeting Ottawa, Canada, July 11 – 13, 2011. **Each co-author listed gave a section of this presentation.** Followed by a panel discussion. Moderator Vishwanath Prasad, Vice President for Research and Economic Development, University of North Texas Panelists: Claudio Wernli, Executive Director, Millennium Science Initiative, Ministry for the Economy, Development and Tourism, Santiago, Chile, Ricardo Rozzi, Co-Director, Sub-Antarctic Ecosystems and Biocultural Conservation Research Cluster, University of North Texas, James Kennedy, Co-Director, Sub-Antarctic Ecosystems and Biocultural Conservation Research Cluster, University of North Texas, Richard H. Nader, Interim Vice Provost for International Affairs, University of North Texas
- Poole, A., Kennedy, J.H. et al. 2010. "The Omora Ethnobotanical Park": Conceptual and Methodological Advances for Linking Ecological Sustainability and Social Well-Being in southern South America ("*El Parque Etno-botánico Omora*": *Avances conceptuales y metodológicos para la vinculación de la sostenibilidad ecológica y del bienestar social en el sur de América del Sur*) Rehovot Conference 2010 on "Inclusive Sustainable Development Initiatives", Rehovot, Israel, 5 – 7 December 2010.
- Méndez M., K. Moses, L. Lewis, M. Kozar, Y. Medina, T. Contador, F. Massardo, B. Goffinet, J.H. Kennedy, L. Sancho, J. Etayo, A. Gomez, P. Vezzani, S. Russell, L. Cavieres & R. Rozzi. 2010. Ecoturismo con Lupa: Integrando la investigación ecológica, la educación y la conservación mediante el turismo científico en la ecorregión subantártica de Magallanes. X Congreso Latinoamericano de Botánica. La Serena, October 4-10, 2010
- Skorupski, J. D., Kennedy, J.H. 2010. Effects of CFT Legumine Rotenone on Non-Target Macroinvertebrates in East Fork Specimen Creek: Yellowstone National Park, Montana. 140th Annual American Fisheries Society Meeting, Pittsburgh, PA September 12-16, 2010.
- Moses, K., L. Lewis, M. Mendez, M. Kozar, Y. Medina, T. Contador, F. Massardo, B. Goffinet, J.H. Kennedy, L. Sancho, J. Etayo, A. Gomez, P. Vezzani, S. Russell, L. Cavieres & R. Rozzi. 2010. Ecotourism with a hand-lens: Integrating ecological research, education, and conservation through scientific tourism in the Magellanic sub-Antarctic ecoregion. 95th Ecological Society of America Annual Meeting, Pittsburgh, August 1-8, 2010.
- Wolverton, S., Randklev, C. Lundeen, B. and J. Kennedy A Late Holocene Freshwater Mussel (Family Unionidae) Assemblage from the West Fork of the Trinity River, Texas. Poster presented at the 75th annual meeting of the Society for American Archaeology, St. Louis, MO. April 14–18, 2010

- Kennedy, J.H., Rozzi, R.R. *et al.* 2010. The Sub-Antarctic Biocultural Research, Education and Conservation Program: a Partnership initiative to conserve both biological and cultural diversity at the world's southernmost forest ecosystems. 12th International Conference Ethnobiology, Tofino, British Columbia, Canada, May 9 – 14 2010.
- Slye, J. L. and Kennedy, J.H. 2010. Development of a Protocol for Characterizing Fatty Acid Methyl Ester (FAME) Profiles in a Non-Wadeable, Effluent-Dominated Urban River for Use in Bioassessments. 57th Southwestern Association of Naturalists Annual Meeting, Junction, Texas April 22-24, 2010
- Jenny S. Paul and James H. Kennedy. Population dynamics of *Cheumatopsyche lasia* Ross (Trichoptera: Hydropsychidae) in a North Texas Urban Stream. 57th Southwestern Association of Naturalists Annual Meeting, Junction, Texas April 22-24, 2010
- Méndez, M., Moses, K., Lewis, L., Kozar, M., Medina, Y., Contador, T., Massardo, F., Goffinet, B., Kennedy, J.H., Sancho, L., Etayo, J., Gomez-Bolea, A., Vezzani, P., Russel, S., Cavieres, L., and Rozzi, R. 2010. Ecoturismo con Lupa: Integrando la investigación ecológica y la conservación mediante el turismo científico en la ecorregión subantártica de Magallanes. El X Congreso Latinoamericano de Botánica *Conservación y uso sustentable de la flora nativa latinoamericana* 4 al 10 de Octubre de 2010.
- Kennedy, J.H. 2009. Freshwater biodiversity in the southernmost watershed of the Americas: Three years of study at the Robalo River at Omora Ethnobotanical. Park America's Corner (U.S. State Department program), University of Magallanes, Punta Arenas, Chile. August 2009.
- Kennedy, J.H. 2009. Pasado, presente y colaboraciones entre la Universidad del Norte de Texas y la Universidad de Magallanes en la educación, la investigación y conservación. Oportunidades para el futuro. Pequeños Exploradores de los Bosques en Miniatura del Cabo de Hornos: Una Integración de Arte y Ciencia en el Fin del Mundo. Universidad de Magallanes, Punta Arenas, Chile. 29 Mayo 2009.
- Wolverton, S., Huston, M., Cagle, K., Kennedy, J.H. and Farmer, A. 2009. Local spatial variability in body size of white-tailed deer (*Odocoileus virginianus*) and food availability at Fort Hood, central Texas. Ecological Society of America's 94th Annual Meeting, Albuquerque, N.M. August 3 – 8, 2009.
- Randklev, C.R., Wolverton, S., and Kennedy, J.H. 2009. A taphonomic perspective on the late Holocene biogeography of freshwater mussels in north Texas. Ecological Society of America's 94th Annual Meeting, Albuquerque, N.M.
- Contador, T. A., Kennedy, J. H., Rozzi, R., and Anderson, C.A. 2008. Benthic macroinvertebrate diversity of the Róbalo River watershed, Navarino Island (55°S; Chile) at the southern end of the Americas. Ecological Society of America's 93rd Annual Meeting, Milwaukee, Wisconsin.
- Poole, Alexandria, Kennedy, J.H. *et al.* Overcoming geographic and disciplinary biases in conservation: Long term socio-ecological research and education in the sub-Antarctic Magellanic ecoregion. Ecological Society of America's 93rd Annual Meeting, Milwaukee, Wisconsin.
- Lundeen, B.J. Kennedy, J.H. Randklev, C.R. and Contador, T.A. 2008. Benthic macroinvertebrate population dynamics in an intermittent north Texas prairie stream: What happens during drought? Ecological Society of America's 93rd Annual Meeting, Milwaukee, Wisconsin. Lundeen, M. A., Thompson, R., Contador, T.A. Rozzi, R., Kennedy, J.H., Wheeler, B.T. and Presley, A.K. 2008. Assessing conservation education

- using freshwater ecosystems: Compare and contrast the Texan Elm Fork Education Center (EFEC) with the sub-Antarctic Omora Ethnobotanical Park program (Chile). Ecological Society of America's 93rd Annual Meeting, Milwaukee, Wisconsin.
- Randklev, C.R., Kennedy J.H. and Woverton, S. 2008. Spatial turnover and extirpations: Paleozoological implications of archaeological unionid remains from the western upper trinity river, north Texas. The North American Benthological. 56th Annual Meeting (25-28 May, 2008). Salt Lake City, Utah.
- Randklev, C, Kennedy, J.H. and Wolverson, S. 2007. Conservation implications of prehistoric unionids found in the Upper Trinity River Drainage. Southwestern Association of Naturalists. 54th Annual Meeting, Stephenville, Texas (This paper won the Carl Hubbs Best Student Poster Award).
- Lundeen, B.J. and Kennedy, J.H. 2007. – Leaf processing continuum in respect to an intermittent Prairie Stream in North Central Texas. Southwestern Association of Naturalists. 54th Annual Meeting, Stephenville, Texas.
- Slye, J.L. and Kennedy, J.H. and D.R. Johnson. 2007. Natural and anthropogenic factors affecting the structure of the benthic macroinvertebrate communities in the effluent dominated Texas Trinity River. Southwestern Association of Naturalists. 54th Annual Meeting, Stephenville, Texas
- Contador, T. and Kennedy, J.H. 2007. Distribution and Community Composition of Larval Chironomidae (Insecta: Diptera) in East Texas Streams. Southwestern Association of Naturalists. 54th Annual Meeting, Stephenville, Texas
- Rudin, R. and Kennedy, J.H. 2007. Ecology and recolonization of benthic macroinvertebrates in as groundwater stream of North Central Texas following a supra-seasonal drought. Southwestern Association of Naturalists. 54th Annual Meeting, Stephenville, Texas
- Randklev, C., Wolverson, S., and Kennedy, J.H. 2007. Prehistoric biogeography: Conservation implications of two unionids in the western Upper Trinity River drainage. Society of Ethnobiology. 30th Annual Conference. University of California, Berkeley.
- Contador, T.A. and Kennedy, J.H. 2006. Distribution of larval Chironomidae (Insecta: Diptera) in East Texas streams. North American Benthological Society 54th Annual Meeting, Anchorage, Alaska..
- Lundeen, B.J., Kennedy, J.H. and Stamatis, A.D. 2006. Leaf Processing Continuum with Respect to an Intermittent Prairie Stream. North American Benthological Society 54th Annual Meeting, Anchorage, Alaska.
- Perry, H. A., Kennedy, J. H. and Wagner, P.H. 2006. The Life History and Contributions to the Ecology of *Camelobaetis variabilis* Wiersema 1998 (Ephemeroptera: Baetidae) in Honey Creek, Oklahoma. North American Benthological Society 54th Annual Meeting, Anchorage, Alaska.
- Rudin, R., Kennedy, J.H. and Stamatis. A.D. 2006. North Texas prairie streams: a case for long-term biological monitoring. North American Benthological Society 54th Annual Meeting, Anchorage, Alaska.
- Slye, J. L., Kennedy, J. H and Johnson, D.R. 2006. Texas Trinity River revisited 20 years later: changes in the benthic macroinvertebrate community structure of an effluent dominated river. North American Benthological Society 54th Annual Meeting, Anchorage, Alaska.
- Stamatis, A.D. and Kennedy, J. H. 2006 Carbon dynamics of the Neches River and its floodplain. North American Benthological Society 54th Annual Meeting, Anchorage, Alaska.

- Wolverton, S, Kennedy, J.H. and Cornelius, J.D. 2006. A Paleozoological perspective on White-tailed deer (*Odocoileus virginianus texana*) population density and body size in central Texas. 53rd Annual Meeting of the Southwestern Association of Naturalists, Universidad de Colima, Colima, Mexico.
- Berg, M.B., Olson, S., Hayford, B., Gresens, S.B., Kennedy, J.H., Bouchard, R.W. and Ferrington, L.C. 2005 Biodiversity of Chironomidae at the North Temperate Lakes LTER Site. North American Benthological Society 53rd Annual Meeting, New Orleans, LA
- Jackson, M.J, and Kennedy, J.H. 2005. Grasshopper (Orthoptera: Acrididae) Species Diversity At Two Texas Army National Guard Training Sites and Changes In Species Assemblages In Response To Livestock Grazing 52th Annual Meeting of the Southwestern Association of Naturalists. Sam Houston State University, Huntsville, TX, 14 - 16 April 2005.
- Kennedy, J.H., Banks, K.E., and Lemons, L.A. 2005. Mosquito Wranglers and Citizen Scientists an Outreach Mosquito Education Program. American Mosquito Control Annual Meeting, Vancouver, British Columbia, Canada.
- Mahato, M. M., Kennedy, J.H. and Banks, K.E. 2004. Differences in aquatic invertebrate colonization and recolonization pattern in relation to different water quality and seasons, North American Benthological Society 52nd Annual Meeting, The University of Vancouver, Vancouver, British Columbia, Canada.
- Perry, H.A., Kennedy, J.H. and Wagner, P.W. 2004. Life history of *Camelobaetidioides variabilis* Wiersema (Ephemeroptera: Baetidae) from Honey Creek, Oklahoma. North American Benthological Society 52nd Annual Meeting, The University of Vancouver, Vancouver, British Columbia, Canada.
- Lenz, J. M. And Kennedy, J.H. 2003. Physiological age-grading of *Hydrellia pakistanae* Deonier (Diptera: Ephydriidae), a Biological Control agent of *Hydrilla*. Entomological Society of America 51st Annual Meeting Entomological Society of America, Cincinnati, Ohio. 26 -29 October 2003.
- Kennedy, J. H. and Ferrington, L.C. 2003. Chironomidae (Diptera) Associated with Springs in the Southwestern United States of America. XV International Symposium on Chironomidae. 12-14 August 2003, The University of Minnesota, Minneapolis, Minnesota. (Refereed)
- Stephenson, J.M. and Kennedy, J.H. 2003. Changes in Chironomidae Community Structure in Rural and Urban Areas of the Upper Trinity River Basin, North Central Texas. XV International Symposium on Chironomidae. 12-14 August 2003, The University of Minnesota, Minneapolis, Minnesota. (Refereed)
- Mahato, M.M., Kennedy, J.H., Waller, W.T. Ammann, L.P., and Banks, K.E. 2003. Short term effect on colonized aquatic invertebrates at downstream site from waste water treatment plant. North American Benthological Society 51st Annual Meeting, 27 – 31 May, The University of Georgia, Athens, Georgia. (Refereed).
- Lenz, J.M., Grodowitz, M.J. and Kennedy, J.H. 2003. A physiological age-grading system for female *Hydrellia pakistanae* Deonier (Diptera: Ephydriidae). North American Benthological Society 51st Annual Meeting, 27 – 31 May, The University of Georgia, Athens, Georgia. (Refereed).
- Kennedy, J.H. and Balci, P. 2002. Comparison of chironomids and other macroinvertebrates associated with *Myriophyllum spicatum* and *Heteranthera dubia*. Presented at the North American Benthological Society 50th Annual Meeting. Pittsburgh, PA. (Invited)

Presentation)

- Ammann, L., Kennedy, J.H. and Waller, T. W. 2001. Power Comparison of Principal Response Curves and ANOVA Methods. Society of Environmental Toxicology and Chemistry, 22nd Annual Meeting , 11 - 15 November 2001, Baltimore MD.
- Kennedy, J. H. 2001. A contribution to the Life histories and Ecology of the Upper New River Mayflies (Ephemeroptera). X International Conference on Ephemeroptera and XIV International Symposium on Plecoptera, 5- 11 August 2001, Perugia, Italy.
- Taylor, J.M. and Kennedy, J. H. 2001. Cohort dynamics of an over -wintering *Caenis latipennis* population in Honey Creek, Oklahoma, U. S.A. X International Conference on Ephemeroptera and XIV International Symposium on Plecoptera, 5 - 11 August 2001, Perugia, Italy.
- Balci, P. and Kennedy, J. H. 2001. The Secondary Production of *Apedilum elaschitus* on macrophytes in Experimental Ponds. Presented at the North American Benthological Society 49th Annual Meeting. LaCrosse, Wisconsin.
- Taylor, J. and Kennedy, J.H. 2001. The Life history and Secondary Production of *Caenis latipennis* (Ephemeroptera: Caenidae) in Honey Creek Oklahoma. Presented at the North American Benthological Society 49th Annual Meeting. LaCrosse, Wisconsin.
- Stephenson, J. M., Csekitz, J. D. Kennedy, J. H. and Waller, W.T. 2000. Benthic Macroinvertebrate Community Structure and *Corbicula fluminea* growth as Bioindicators of Watershed Health in the Upper Trinity River Basin North Central Texas. Presented at the North American Benthological Society 48th Annual Meeting. Keystone, Colorado.
- Balci, P. and Kennedy, J.H. 2000. Effects of Macrophytes on Macroinvertebrate Community Structure. Presented at the North American Benthological Society 48th Annual Meeting Keystone, Colorado.
- Taylor, J. and Kennedy, J. H. 2000. Preliminary Life History Estimates for *Caenis latipennis* (Banks) (Ephemeroptera:Caenidae) in a Travertine Stream of the Arbuckle Mountains. Presented at the North American Benthological Society 48th Annual Meeting. Keystone, Colorado.
- Johnson, Z. B. And J.H. Kennedy. 1999. Spatial Distributions of Snag Macroinvertebrates in Elm Fork of the Trinity River, Texas, U.S.A. Presented at the North American Benthological Society 47th Annual Meeting. Duluth, Minnesota.
- Ammann, L. and Kennedy, J. H. 1999. Statistical Methods for Depletion Sampling. Presented at the Society of Environmental Toxicology and Chemistry 20th Annual Meeting, Philadelphia, PA
- Stephenson, J. M., Csekitz, J. D. and Kennedy, J. H., Waller, T.W. 1999. Using In Situ Biomonitoring and GIS to Evaluate Point and Non Point Source Effects in the Upper Trinity River, North Central Texas. Presented at the Society of Environmental Toxicology and Chemistry 20th Annual Meeting , Philadelphia, PA.
- Johnson, Z. B. And J.H. Kennedy. 1997. Microdistribution and Biomass Estimation of *Cynellus fraternus* (Trichoptera:Polycentropodidae) in the Elm Fork of the Trinity River, Texas. Presented at the North American Benthological Society 45th Annual Meeting. San Marcos, Texas
- Cook, R.E., J.H. Kennedy. 1997. Coleoptera Composition in Playas on the Texas High Plains with Life History Information on *Tropisternus lateralis nimbatus* (Say) (Hydrophilidae). Presented at the North American Benthological Society 45th Annual Meeting. San Marcos, Texas.

- Cook, R.E., J.H. Kennedy, and G.M. Anderson. 1996. Colonization and Densities of Macroinvertebrates in a Playa Lake. Presented at the North American Benthological Society 44th Annual Meeting. 2-7 June 1996, Kalispell, Montana.
- Hall, B.T. and J.H. Kennedy. 1996. Site Preferences of Prairie Crayfish and Their Pholeteros. Presented at the North American Benthological Society 44th Annual Meeting. 2-7 June 1996, Kalispell, Montana.
- Johnson, Z. B. And J.H. Kennedy. 1996. Analysis of the Submerged Wood Macroinvertebrate Assemblages of the Elm Fork of the Trinity River, Texas. Presented at the North American Benthological Society 44th Annual Meeting. 2-7 June 1996, Kalispell, Montana.
- Wang, Y.B. and J. H. Kennedy. 1996. Life History of *Mayatrichia ponta* (Ross) (Trichoptera: Hydroptilidae) in Honey Creek, Turner Falls Park, Oklahoma. Presented at the North American Benthological Society 44th Annual Meeting. 2-7 June 1996, Kalispell, Montana.
- Wagner, P.F. and J.H. Kennedy. 1995. Life History and Productivity of *Camelobaetidius mexicanus* (Ephemeroptera: Baetidae) from Honey Creek, Oklahoma. Bull. North Amer. Benthological Soc. 12(1):92.
- Johnson, Z.B., and J.H. Kennedy. Comparisons of the Species Assemblages of Snag dwelling and Benthic Insects in the Elm Fork of the Trinity River, Texas, USA. Bull. North Amer. Benthological Soc. 12(1):180.
- Hall, B. and J.H. Kennedy. 1995. Faunal Associations in Crayfish Burrows in A Tall Grass Prairie of North Central Texas. Bull. North Amer. Benthological Soc. 11(1):186.
- Cook, R.E., M. Anderson, and J.H. Kennedy. 1995. Invertebrate Composition of A Playa Lake on the Short Grass Prairie of the Texas Panhandle. Bull. North Amer. Benthological Soc. 12(1):186.
- Baumgardner, D. E. and J. H. Kennedy. 1995. Mayflies (Insecta: Ephemeroptera) of the Kiamichi River. Bull. North Amer. Benthological Soc. 12(1):189.
- Swartz, J.H., K.L. Dickson, J.H. Kennedy and W.T. Waller. 1995. Development and Application of an Assessment Protocol for Monitoring Water Quality Using Benthic Macroinvertebrate Communities. Presented at the Second SETAC World Congress, 16th Annual Meeting, Vancouver, British Colombia, Canada.
- Allen, H.J., Schwalm, F.U., Waller, W.T., Acevedo, M.T., E.L. Morgan, K.L. Dickson, and Kennedy. 1995. Presented at the Second SETAC World Congress, 16th Annual Meeting, Vancouver, British Colombia, Canada.
- Dickson, K., M. Acevedo, T. Waller, J. Kennedy, J. Simons, S. Mayer, M. Lewis, W. Walker, L. Ammann. 1995. Assessing the Condition of Bayous and Estuaries: Bayou Chico, Gulf of Mexico Demonstration Study. Presented at the Second SETAC World Congress, 16th Annual Meeting, Vancouver, British Colombia, Canada.
- Baumgardner, D. E. and J. H. Kennedy. 1994. Mayflies (Insecta: Ephemeroptera) of the Kiamichi River. Bull. North Amer. Benthological Soc. 11(1): 98.
- Ammann, L. P., K.L. Dickson, W.T. Waller, J.H. Kennedy, F.L. Mayer, and M. Lewis. Power and Sample Size Determination for Measures of Environmental Impact in Aquatic Systems. Presented at the 15th Annual Meeting of The Society of Environmental Toxicology and Chemistry, Denver, Colorado. October 1994.
- Allen, Joel, W.T. Waller, M.F. Acevedo, E.L. Morgan, K.L. Dickson and J.H. Kennedy. The Use of Remotely Sensed Movements of *Corbicula fluminea* to Evaluate Episodic Events

- and Ambient Toxicity. Presented at the 15th Annual Meeting of The Society of Environmental Toxicology and Chemistry, Denver, Colorado. October 1994.
- Wise, P., J.H. Kennedy, T. W. Waller and K. L. Dickson. Changes to a Small North Central Texas Stream Following Dechlorination of a WWTP Effluent. Presented at the 15th Annual Meeting of The Society of Environmental Toxicology and Chemistry, Denver, Colorado. October 1994.
- Wagner, P. F. and J. H. Kennedy. 1994. Life History and Productivity of *Camelobaetis mexicanus* from Honey Creek, Oklahoma. Entomological Society of America Annual Meeting, Dallas, Texas 13 -17 December 1994.
- Baumgardner, D. E. and J. H. Kennedy. 1994. Mayflies (Insecta: Ephemeroptera) of the Kiamichi River and Their Biogeographical Affinities. Entomological Society of America Annual Meeting, Dallas, Texas 13 -17 December 1994.
- Dickson, K.L., J.H. Kennedy, and W.T. Waller. 1993. Relationships between Effluent Dechlorination, Effluent Toxicity, Sediment Quality, Ambient Toxicity and Community Response. Presented at The 14th Annual Meeting of The Society of Environmental Toxicology and Chemistry, Houston, Texas. November 1993.
- Spon, S.T., J.H. Kennedy, Cairns, K.L. Dickson, and W.T. Waller. 1993. An Assessment of the Relationships Between Effluent Toxicity, Macroinvertebrate Community Structure, In-Situ Asiatic Clam (*Corbicula fluminea*) Growth and Ambient Toxicity. Bull. North Amer. Benthological Soc. 10(1): 123.
- Spon, S.T., S.H. Cairns, K.L. Dickson, J.H. Kennedy, and W.T. Waller. 1992. Response of Aquatic Macroinvertebrate Communities and Juvenile Asiatic Clams (*Corbicula fluminea*) Exposed *In-Situ* to Dechlorinated Municipal Wastewater Effluent Discharged Into the Trinity River In North Texas. Presented at The 13th Annual Meeting of The Society of Environmental Toxicology and Chemistry, Cincinnati, Ohio. November 1992.
- Jennings, R.H., S.H. Cairns, K.L. Dickson, J.H. Kennedy, and W.T. Waller. 1992. Ecological Assessment of The Trinity River: Fisheries Aspects Involving Pre- and Post-Dechlorination Of A Major Wastewater Treatment Plant Effluent. Presented at The 13th Annual Meeting of The Society of Environmental Toxicology and Chemistry, Cincinnati, Ohio. November 1992.
- Bryan, B.L., S.H. Cairns, K.L. Dickson, J.H. Kennedy, and W.T. Waller, 1992. Algae Community Structure Responses To Dechlorination of Municipal Effluent Discharged Into The Trinity River of North Texas. Presented at The 13th Annual Meeting of the Society of Environmental Toxicology and Chemistry, Cincinnati, Ohio. November 1992.
- Spon, S.T., S.H. Cairns, K.L. Dickson, J.H. Kennedy, and W.T. Waller. 1992. Growth and Survival of Juvenile Asiatic Clams (*Corbicula fluminea*) Exposed *In Situ* to the Trinity River Above and Below the Discharge from a Municipal Waste Water Treatment Plant. Presented at the 95th Annual Meeting of the Texas Academy of Science.
- Jennings, R.H., S.H. Cairns, K.L. Dickson, J.H. Kennedy, and W.T. Waller. 1992. Ecological Assessment of the Trinity River: Fisheries Aspects Involving Pre- and Post-Dechlorination of a Major Waste Water Treatment Plant Effluent. Presented at the 95th Annual Meeting of the Texas Academy of Science.
- Bryan, B.L., S.H. Cairns, K.L. Dickson, J.H. Kennedy, and W.T. Waller. 1992. Periphyton Community Structure Response to Dechlorination of Treated Sewage Discharged into the Trinity River of North Texas. Presented at the 95th Annual Meeting of the Texas Academy of Science.

- Johnson, P.C., J.H. Kennedy and R.G. Morris. 1992. Responses of Zooplankton to Baythroid^R (Pyrethroid Insecticide) in Systems of Differing Size. Presented at The 13th Annual Meeting of the Society of Environmental Toxicology, Cincinnati, Ohio, November 1992.
- Hambleton, F.A. and J.H. Kennedy. 1992. Changes in the Persistence and Toxicity of Cyfluthrin Under Varying pH Conditions. Bull. North Amer. Benthological Soc. 9(1): 117.
- Hambleton, F.A. and J.H. Kennedy. 1991. Changes in the Persistence and Toxicity of Cyfluthrin Under Varying pH Conditions. Society of Environmental Toxicology and Chemistry, 3 - 7 November, 1991, Seattle, Washington.
- DeWalt, R.E., S.R. Moulton, II, J.H. Kennedy and K.W. Stewart. 1991. Emergence and Ecology of Plecoptera, Trichoptera and Ephemeroptera in a Second-Order Stream in Southern Colorado. Bull. North Amer. Benthological Soc. 8(1): 151.
- Johnson, P.C., Morris, R.G., J.H. Kennedy and F.A. Hambleton. 1991. Responses of Macroinvertebrates to Baythroid^R (Pyrethroid Insecticide) in Systems of Differing Size. Bull. North Amer. Benthological Soc. 8(1): 117.
- Morris, R.G., P.C. Johnson, J.H. Kennedy and F.A. Hambleton. 1991. The impacts of Juvenile Bluegill Sunfish Predation on Macroinvertebrates in 1.95M³ Microcosms. Bull. North Amer. Benthological Soc. 8(1): 104.
- Johnson, P.C., J.H. Kennedy and R.G. Morris. 1992. Responses of Zooplankton to Baythroid^R (Pyrethroid Insecticide) in Systems of Differing Size. Society of Environmental Toxicology Annual Meeting, Cincinnati, Ohio, November 1992.
- Moore, M., J.L. Shaw, I.R. Hill, J.H. Kennedy. 1990. Design and Statistical Analysis of Field Aquatic Mesocosm Studies. Society of Environmental Toxicology and Chemistry 11th Annual Meeting. Nov 11-15, Crystal City, Arlington, Virginia.
- Hill, I.R., J.K. Sadler, J.H. Kennedy and P.E. Ekoniak. 1990. Lambda-Cyhalothrin: A Mesocosm Study of its Effects on Aquatic Organisms. Society of Environmental Toxicology and Chemistry 11th Annual Meeting. Nov 11-15, Crystal City, Arlington, Virginia.
- Johnson, P.C., J.H. Kennedy, R.G. Morris, F.E. Hambleton and R.L. Graney. 1990. Fate and Effects of Cyfluthrin (Pyrethroid Insecticide) in Pond Mesocosms and Concrete Microcosms. Society of Environmental Toxicology and Chemistry 11th Annual Meeting. Nov 11-15, Crystal City, Arlington, Virginia.
- Mayasich, J.M., J.H. Kennedy and J.S. O'Grodnick. 1990. Evaluation of the Effects of Tralomethrin on Aquatic Ecosystems on Aquatic Ecosystems. Society of Environmental Toxicology and Chemistry 11th Annual Meeting. Nov 11-15, Crystal City, Arlington, Virginia.
- Morris, R.G., J.H. Kennedy, P.C. Johnson. 1990. Comparison of the Effects of the Pyrethroid Insecticide Cyfluthrin on Bluegill Sunfish in Microcosms and Mesocosms. Society of Environmental Toxicology and Chemistry 11th Annual Meeting. Nov 11-15, Crystal City, Arlington, Virginia.
- Johnson, P.C., J.H. Kennedy, R.G. Morris, F.E. Hambleton and R.L. Graney. 1990. Fate and Effects of Cyfluthrin (Pyrethroid Insecticide) in Pond Mesocosms and Concrete Microcosms. Society of Environmental Toxicology and Chemistry 11th Annual Meeting. Nov 11-15, Crystal City, Arlington, Virginia.
- Mayasich, J.M., J.H. Kennedy and J.S. O'Grodnick. 1990. Evaluation of the Effects of Tralomethrin on Aquatic Ecosystems on Aquatic Ecosystems. Society of Environmental Toxicology and Chemistry 11th Annual Meeting. Nov 11-15, Crystal City, Arlington,

- Virginia.
- Dickson, K.L., L.P. Ammann, J.H. Kennedy and W.T. Waller. 1990. Assessing Relationships Between Effluent Toxicity, Ambient Toxicity and Aquatic Community Responses. Society of Environmental Toxicology and Chemistry 11th Annual Meeting. Nov 11-15, Crystal City, Arlington, Virginia.
- Martinez, M.L., R.V. Lewis, K.L. Dickson and J.H. Kennedy. 1989. Organochlorine and metal levels in fish in the Trinity River. Tenth Annual Meeting Society of Environmental Toxicology and Chemistry. November 2 Toronto, Canada
- Smith, D.P., J.H. Kennedy, K.L. Dickson and J.H. Rodgers, Jr. 1989. Sediment toxicity testing with the aquatic Oligochaeta *Stylaria lacustris* Linnaeus (Naididae). Tenth Annual Meeting Society of Environmental Toxicology and Chemistry. November 2 Toronto, Canada
- Kennedy, J.H., J.H. Rodgers, Jr., P.C. Johnson, R.G. Morris. 1989. Mesocosm study to enhance interpretation. Tenth Annual Meeting Society of Environmental Toxicology and Chemistry. November 2 Toronto, Canada
- Hall, J.F., J.H. Kennedy, S.L. Matzner, J.H. Rodgers, Jr., and K.L. Dickson. 1989. Toxicity Evaluation of contaminated freshwater sediments. Tenth Annual Meeting Society of Environmental Toxicology and Chemistry. November 2 Toronto, Canada
- Arnold, W.R., J.H. Kennedy, K.L. Dickson, J.H. Rodgers, Jr. and W.T. Waller. 1989. Determination of effects on fish assemblages in a highly perturbed river. Tenth Annual Meeting Society of Environmental Toxicology and Chemistry. November 2 Toronto, Canada.
- Kennedy, J.H., J.F. Hall, R. Arnold, K.L. Dickson and J.H. Rodgers. 1989. An integrative approach for evaluating the influence of contaminated sediment on benthic macroinvertebrate communities. A.S.T.M. 13th Symposium on aquatic toxicology and risk assessment. April 16-18 Atlanta, Georgia.
- Hall, J.F., J.H. Kennedy, D.P. Smith, S. Matzner, K.L. Dickson and J.H. Rodgers. 1989. The assessment of Trinity sediment contaminant bioavailability using liquid and solid phase bioassays. A.S.T.M. 13th Symposium on aquatic toxicology and risk assessment. April 16-18 Atlanta, Georgia.
- Arnold, R., J.H. Kennedy, K.L. Dickson and J.H. Rodgers, Jr. 1989. An integrated approach for assessment of anthropogenic and habitat effects on fish community structure. A.S.T.M. 13th Symposium on aquatic toxicology and risk assessment. April 16-18 Atlanta, Georgia.
- Kennedy, J.H., J.F. Hall, R. Arnold, K.L. Dickson and J.H. Rodgers, Jr. 1988. The effect of sediment contaminants on Trinity River benthic macroinvertebrates. Society of Environmental Toxicology and Chemistry Ninth Annual Meeting. Nov. 13-17 Arlington, VA.
- Hill, I.R., J.H. Kennedy, J.H. Ekoniak and S.T. Hadfield. 1988. Aquatic mesocosm studies with the pyrethroid Lambda-cyhalothrin. Society of Environmental Toxicology and Chemistry Ninth Annual Meeting. Nov. 13-17 Arlington, VA.
- Hall, J.F., J.H. Kennedy, D.P. Smith, S. Matzner, K.L. Dickson and J.H. Rodgers, Jr. 1988. Determination of the bioavailability of sediment-sorbed contaminants in the Trinity River. Society of Environmental Toxicology and Chemistry Ninth Annual Meeting. Nov. 13-17 Arlington, VA.
- Arnold, R., J.H. Kennedy, K.L. Dickson and J.H. Rodgers, Jr. 1988. Assessment of habitat and

- anthropogenic effects on fish community structure in the Trinity River, Texas. Society of Environmental Toxicology and Chemistry Ninth Annual Meeting. Nov. 13-17 Arlington, VA.
- Kennedy, J.H., C.H. Hutchinson and F.X. Kamienski. 1985. Impact of Thiobencarb residues on a brackish water ecosystem. Society of Environmental Toxicology and Chemistry. 6th Annual Meeting, St. Louis, MO.
- Kennedy, J.H. and E.F. Benfield. 1982. Factors Influencing macroinvertebrate drift dynamics in an Appalachian River. Bull. Ecol. Soc. Amer. 63:313.
- Buikema, A., J.H. Kennedy, E.F. Benfield, and A.C. Hendricks. 1981. Prediction of ecosystem effects from single species toxicity data. The Society of Environmental Toxicology and Chemistry, 2nd Annual Meeting, Arlington, Virginia (Abstract).
- Buikema, A.L. Jr., J.H. Kennedy, E.F. Benfield, J. Cairns, Jr., and A.C. Hendricks. 1981. Prediction of environmental perturbation from single species toxicity data. 2nd Ann. Meeting of Int. Soc. Petrol. Indust. Biol.
- Kennedy, J.H. and E.F. Benfield. 1979. Odonata drift in a large warm water Appalachian river. Fifth International symposium of Odonatology, August 5-11. (EGEP Lionel Groulx, Ste-Therese, Quebec, Canada).
- Newbern, L.A., E.F. Benfield, J.H. Kennedy, and J.R. Webster. 1978. Organic matter transport in an Appalachian river. Bull. Ecol. Soc. Amer. 59(2):96.
- Kennedy, James H. and Harold B. White. 1977. Description of the nymph of *Ophiogomphus howei* (Odonata:Gomphidae). Fourth International symposium of Odonatology, August 2-5 University of Florida, Gainesville, Florida.
- Kennedy, James H. and Ernest F. Benfield. 1977. Summer drift of macroinvertebrates in a large warm water river. Association of Southeastern Biologists Bulletin 24:92.
- Kennedy, James H. and Robert Paul. 1976. Leaching rates of sycamore (*Platanus occidentalis* Gymnospermae:Platanaceae) leaves in the aquatic environment. Association of Southeastern Biologists Bulletin 23(2):70.
- Kennedy, James H. and Jan G. Humphreys. 1974. The effect of silt originating from instream dredging on the Allegheny River benthic macroinvertebrates near Tionesta, Pennsylvania. Forty-sixth Annual Meeting of Eastern Branch of the Entomological Society of America. September 24-27, Hershey, Pennsylvania.

TECHNICAL (LIMITED CIRCULATION) REPORTS (EXAMPLES)

- Kennedy et al. 2014. Dallas Fort Worth Airport Habitat Assessment and Benthic Macroinvertebrate Bioassessment Status Report. Submitted to DFW Environmental Services. 26 pp.
- Acevedo, Miguel, Kennedy, James, Palmer, Palmer and Stamatis, Allison. 2011. Flood pulse systems in the Big Thicket: Analyzing potential changes in corridor dynamics due to changes in stream flow. Final Report to Big Thicket National Preserve (BTNP) and Water Resources Division (WRD) National Park Service Cooperative Agreement No. CA7140040002 with University of North Texas. **276 pp.**
- Kennedy, J. H. *et al.* 2009. An assessment of the East Fork of the Trinity River benthic macroinvertebrate community. Submitted to the North Texas Municipal Water District.

75 pp.

- Kennedy, J.H., Randklev, C., and Contador, T. 2007. Report on 2007 surveys of American Burying Beetle, *Nicrophorus americanus* Oliver, (Coleoptera: Silphidae) at Camp Maxey, Lamar County, Texas. 25 pp.
- Kennedy, J.H. and Slye, J.L. 2007. Benthic Macroinvertebrate Sediment Recolonization After Exposure to Fipronil. Final Report submitted to BASF and Bayer Crop Science. 427 pp.
- Kennedy, J.H. 2006. Analysis of Benthic Macroinvertebrate Samples Taken from an Investigation of the Toxicity of Fiprinol to Sediment Dwelling Organisms in the Field. Progress Report submitted to Bayer Crop Science and BASF. 280 pp.
- Acevedo, M. F., Kennedy, J.H., Palmer, T., Stamatis, A, Harcombe, P.H. Mann, L. 2006. Flood pulse systems in the Big Thicket: Analyzing potential changes in corridor dynamics due to changes in stream flow. Final Report Submitted to the Big Thicket National Preserve and Water Resources Division National Park Service. Cooperative Agreement No. CA7140040002
- Kennedy, J. H. 2005. Camp Bowie, Texas Army National Guard Training Base, Brown County, Texas Arthropoda BioDiversity Study 2002 - 2005. Final Report submitted to the Adjunct General Texas Army National Guard, Austin TX. 488 pp.
- Kennedy, J. H. 2005. Camp Bowie, Texas Army National Guard Training Base, Brown County, Texas Arthropoda BioDiversity Study 2002 - 2005. Final Report submitted to the Adjunct General Texas Army National Guard, Austin TX. 426 pp
- Kennedy, J. H. and Rudin, R. 2005. Dallas Forth Worth Airport Habitat and Macroinvertebrate Bioassessment. Submitted to Dallas Fort Worth environmental Affairs Department. 75 pp
- Cairns, S.H., J.H. Kennedy, A.J. Melloh, and G.K. Straughn. 1997. Assessment of the Potential Biological Effects of CGA-59205 Exposures on Aquatic Ecosystems as Measured in an Outdoor Fiberglass Tank System (Microcosms). FIFRA Guideline No: 72-7(a). Report submitted to Novartis Crop Protection. Volume 1 - 3. 918 pp.
- Cook, R.E., J.H. Kennedy. 1996. Assessment of the Potential Ecological and Biological Effects of Phostebupirim on Aquatic Ecosystems Systems as Measured in a Fiberglass Pond System. Report to BAYER (Miles)Inc, Agricultural Division. 1851pp.
- Kennedy, J. H., R.E. Cook. 1996. Macroinvertebrate Study of Pantex and Selected Off-site Playas (Volume I - III). Completion Report submitted to the U.S. Department of Energy, 1982 pp.
- Kennedy, J.H., S. Cairns and A. Melloh. 1996. Assessment of the Potential Effects of CGA - 279202 Exposures on Aquatic Ecosystems as measured in an Outdoor Fiberglass Tank System (Microcosms). FIFRA Guideline No: 72-7(a). Report submitted to Novartis Crop Protection. 423 pp
- Acevedo, M., S. Atkinson, J. Kennedy, T. Waller, K. Dickson and S. Cairns. 1995. narrow Band Spectral Signature of Eutrophic Experimental Microcosms. Completion Report for Faculty Research Grant.
- Ammann, L.P., W.T. Waller, J.H. Kennedy, K.L. Dickson, F.L. Mayer, and M. Lewis. Power, Sample Size and Taxonomic Sufficiency for Measures of Impact in Aquatic Systems. U.S. Environmental Protection Agency, Gulf Breeze, FL. 35pp.
- Kennedy, J.H., R. Cook, and R. Howard. 1995. Assessment of the Potential and Biological

Effects of DYLOX on Aquatic Ecosystems as measured in A Concrete Pond System.
Report to BAYER (Miles)Inc, Agricultural Division. 368 pp

- Kennedy, J.H., C.W. Reed and A.L. Hosmer. 1995. Assessment of the Potential Effects of Fenoxycarb Exposures on Aquatic Ecosystems as Measured in an Outdoor Fiberglass Tank System (Microcosms). Report submitted to CIBA Crop Protection, CIBA-GEIGY Corporation. 1199 pp
- Kennedy, J.H., and C.L. Reed. 1995. Assessment of the Potential Biological Effects of CBA-219417 (Name withheld at study sponsors request) Exposures on Aquatic Ecosystems as Measured in an Outdoor Fiberglass Tank System (Microcosms). Report submitted to CIBA Crop Protection, CIBA-GEIGY Corporation. 1041 pp.
- Waller, W.T., R. Guinn, K.L. Dickson, J.H. Kennedy and L. Ammann. 1995. Assessing the Relationship Between Ambient Toxicity and Instream Community Responses: Trinity River Dechlorination Case Study. Completion report Cooperative Agreement CR819804-01-0 between U.S. EPA, Duluth, MN and University of North Texas. 395 pp.
- Kennedy, J.H., R. Cook, and R. Howard. 1995. Assessment of the Potential and Biological Effects of DYLOX on Aquatic Ecosystems as measured in A Concrete Pond System. Report to BAYER (Miles)Inc, Agricultural Division. 1368pp
- Kennedy, J.H., C.W. Reed and A.L. Hosmer. 1995. Assessment of the Potential Effects of Fenoxycarb Exposures on Aquatic Ecosystems as Measured in an Outdoor Fiberglass Tank System (Microcosms). Report submitted to CIBA Crop Protection, CIBA-GEIGY Corporation. 1199 pp
- Kennedy, J.H., and C.L. Reed. 1995. Assessment of the Potential Biological Effects of CBA-219417 (Name withheld at study sponsors request) Exposures on Aquatic Ecosystems as Measured in an Outdoor Fiberglass Tank System (Microcosms). Report submitted to CIBA Crop Protection, CIBA-GEIGY Corporation. 1041 pp.
- Waller, W.T., R. Guinn, K.L. Dickson, J.H. Kennedy and L. Ammann. 1995. Assessing the Relationship Between Ambient Toxicity and Instream Community Responses: Trinity River Dechlorination Case Study. Completion report Cooperative Agreement CR819804-01-0 between U.S. EPA, Duluth, MN and University of North Texas. 395 pp.
- Kennedy, J.H., Moring, B., Johnson, P. C. 1992. Assessment of Ecological/Biological Effects of LYNX Utilizing Artificial Pond Systems. EPA Guideline Ref. 72-7. University of North Texas, Water Research Field Station. 2,054 pp.
- Moring, B., Kennedy, J.H., Wiggins, J. 1992. Assessment of the Potential Ecological/Biological Effects of NTN on Aquatic Ecosystems as Measured in Fiberglass Pond Systems. EPA Guideline Ref. No. 72-7. University of North Texas, Water Research Field Station. 796 pp.
- Kennedy, J. H., J. Wiggins, D. Melvin and C. A. Hall. Assessment of the Potential Ecological/Biological Effects of NemacurR (Fenamiphos) Utilizing Artificial Pond Systems. EPA Guideline Ref. No. 72-7. University of North Texas, Water Research Field Station. 1094 pp.
- Kennedy, J. H., J. Wiggins, D. Melvin and C. A. Hall. 1991. Assessment of the Potential Ecological/Biological Effects of NemacurR (Fenamiphos) Utilizing Artificial Pond Systems. EPA Guideline Ref. No. 72-7. University of North Texas, Water Research Field Station. 1094 pp.
- Kennedy, J.H., J.H. Rodgers, and P.C. Johnson. 1989. Evaluation of the Ecological/Biological

Effects of Tralomethrin Utilizing an Experimental Pond System. Volumes I-IV. EPA Guideline Ref. No. 72-7. University of North Texas, Water Research Field Station. 1491 pp.

- Dickson, K.L., W.T. Waller, J.H. Kennedy, W.R. Arnold, W.P. Desmond, S.D. Dyer, J. F. Hall, J.T. Knight, D. Malas, M.L. Martinez and S.L. Matzner. 1989. A water quality and ecological survey of the Trinity River. Institute of Applied Sciences, University of North Texas. Report to Dallas Water Utilities. 560 pp.
- Kennedy, J.H., I. Hill, P. Ekoniak. 1988. The effect of a synthetic pyrethroid on aquatic ecosystems using 0.1 acre experimental ponds. Final report submitted to U.S. Environmental Protection Agency. 1821 pp.
- Kennedy, J.H. 1983-1985. Impact of BoleroR runoff on a brackish water ecosystem. Vol. I-III final reports submitted to Chevron Chemical Company, Richmond, CA 403p.
- Benfield, E.F. and J.H. Kennedy. 1977. A research summary on the effects of hydrogeneration of the Claytor Hydroelectric project on macroinvertebrate communities in a 19.2 km segment of New River. Submitted to Appalachian Power Co.
- Kennedy, J.H. 1975. Macroinvertebrates, p. 339 to 386. In W.A. Potter Ecological study of Susquehanna River in the vicinity of Three Mile Island, Ichthyological Associates, Inc. Annual Report.
- Kennedy, James H. 1969. Preliminary results of a biological survey of the Susquehanna River in the vicinity of Charmin Paper company, Mehopanny, Pennsylvania. PA Fish Comm. Summary Report. 25 pp.
- Kennedy, James H. 1969. Benthic macroinvertebrate survey of the Allegheny River at selected sites downstream of Kinzua Dam and upstream of its confluence with French Creek. PA Fish Comm. Summary Report.
- Kennedy, James H. 1970. A survey of fish and macroinvertebrates from the Central and Western Basins of Lake Erie. PA Fish Comm. Summary Report.

SUMMARY OF GRANT ACTIVITY AT THE UNIVERSITY OF NORTH TEXAS

I have been the Principal or Co-Principal Investigator on grants/contracts totaling over \$10 million since arriving at the University of North Texas in 1987. The research has dealt with issues/research topics ranging from the effect of pesticides on aquatic ecosystems to biodiversity of aquatic organisms in high plains playa lakes and the sub-Antarctic regions of South America. Funding sources have included industry, municipal, state, federal government agencies, including EPA and NSF.